

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

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #285, June 2021

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

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

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



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FOREWORD

N&O is back on schedule. Before you is the 285th edition. As always we have lots of logs and transcripts, including an extended Pacific E06, S06, M14, F01, F06 report from Pierre.

The Pacific S06 transcripts were supplied by Subilo and me and the M14 transcripts are from me. JP sent us a nice bunch of M89 and M95 logs.

Thanks to all contributors. We really need your input. I hope that you will enjoy N&O #285.

VOICE STATIONS

E06

11557 kHz, 01-06, 0210 UTC

13803 kHz, 01-06, 0310 UTC

537 602 47

39765 09137 58271 98559 14222 94320 82196 75698 24870 59342

01268 16153 29096 72554 39349 24765 53715 56088 22406 82904

38272 46128 98619 42778 75323 38046 82812 43319 58622 71086

98630 14838 75151 32294 16914 64641 01947 84362 13701 60789

93639 47097 96297 56185 71655 87179 70844

602 47 00000

14932/12212 kHz, 03-06/04-06, 0300/0400 UTC

361 985 40

51404 93849 98124 97720 01773 52222 79562 37453 86499 22889

51558 08213 81610 42011 50063 40513 68454 35251 73001 46996

00346 94749 83875 34214 30247 61266 41256 43815 85418 41197

02579 65306 99981 13132 75704 87579 41329 03651 16670 81406

985 40 00000

15830 kHz, 04-06, 0600 UTC

328 670 51

22551 08340 71135 49305 64041 78675 29332 33535 51672 65472

62680 77847 64894 08924 61859 59447 81773 39575 55654 77504

49401 24099 08555 85106 61419 46708 96579 12135 91128 68402

72263 33927 53584 31237 54736 65446 95144 99789 05840 85605

33895 57037 78319 21473 99384 96788 46322 47016 45123 79960

56244

670 51 00000

11557/13803 kHz, 07-06/08-06, 0210/0310 UTC

537 816 49

45289 69277 90827 66804 13698 37756 03567 73133 13107 46560

71133 52440 35673 82825 35930 25314 02196 14773 35221 33901

77580 12813 25436 57208 16104 19590 51114 49541 22390 98628

06907 44292 39051 16288 66088 90231 96927 36701 74007 12514

88856 34391 29917 15577 52925 54251 05617 70124 76118

816 49 00000

14932/12212 kHz, 10-06/11-06, 0300/0400 UTC

361 270 41

06280 74258 94903 28305 03132 26160 59738 14546 21913 44174

01489 37462 86135 07547 99864 87967 87166 32074 03639 33926

59320 39304 45436 37846 87079 86393 59741 90683 92882 98788

15074 16454 78914 72931 96254 27329 21335 41169 97712 33907

40396

270 41 00000

11557/13803 kHz, 14-06/15-06, 0210/0310 UTC

No E06 537 transmissions due to Russia Day holiday in Russia, on June 14th in lieu of June 12th since June 12th was a Saturday.

14932/12212 kHz, 17-06/18-06, 0300/0400 UTC

361 598 42
79225 28476 41191 74397 00226 11581 20565 57216 77558 81926
28105 60992 61884 06073 37896 37574 94545 76262 13764 94150
26805 00331 27580 28529 14946 71014 74535 49264 39710 56833
96332 35347 23473 81751 48217 15130 43619 85790 70799 69178
65541 83787
598 42 00000

13985 kHz, 17-06/18-06, 0500 UTC

15830 kHz, 17-06/18-06, 0600 UTC

328 914 50
59219 91543 88236 74319 79502 09971 69632 48611 92194 05254
29691 89679 14205 62607 72784 85893 94622 39458 20980 97274
56966 45465 57907 93606 83335 32021 19987 29332 82641 02151
89711 28705 10108 76771 70662 79627 30227 78228 48955 59626
40365 17057 70796 52382 97194 92903 90841 58280 13150 45547
914 50 00000

11557/13803 kHz, 21-06/22-06, 0210/0310 UTC

537 249 30
31877 84973 25359 31139 50894 86995 94268 90289 22703 41450
19295 57606 62290 14859 65933 99984 76279 76047 31893 48925
11893 84734 08818 02846 37268 36867 27682 47852 14065 71373
249 30 00000

14932/12212 kHz, 24-06/25-06, 0300/0400 UTC

361 729 43
51677 23386 69897 43307 44622 97538 93980 61067 73955 15937
89816 85571 53453 50153 03831 66685 96181 59256 74986 92373
82662 24345 76240 39696 34597 10925 95148 21602 67589 26295
89572 09218 21321 64150 79424 34300 90597 53572 60379 01568
05714 54603 50498
729 43 00000

11557/13803 kHz, 28-06/29-06, 0210/0310 UTC

537 608 31
97607 73618 15824 55992 19446 59367 45233 95711 28197 87790
80112 81085 45783 08509 43633 78329 30117 20244 50191 38311
04935 63716 88607 06277 77214 52514 95263 81301 03146 46654
40622
608 31 00000

E07

13368/11568/10468 kHz, 02-06/06-06, 1700/1720/1740 UTC

354 354 354 1 3496 74 3496 74
89895 32548 44990 93478 89691 71934 26792 41820 45025 46213
25395 38767 22914 94920 95791 61741 51608 38306 90620 51239
36165 06394 27387 70178 40732 17250 52014 29962 85874 01520
55506 18277 25000 64549 16571 44088 41719 42435 40587 67381
89533 07739 26992 44867 74585 57086 52801 04451 09923 96837
34616 69901 29277 73307 01117 63008 61742 89674 14970 52413
56991 35780 37594 98941 78503 03750 18232 31447 77800 01307
29320 03015 67840 04564 000 000

16331/18731/19331 kHz, 04-06, 0700/0720/0740 UTC

373 373 373 1 449 98 449 98

98592 _____
_____ 49788 89821
45487 33005 13476 77947 05849 21315 17103 32638 54891 43648
04391 93943 04946 25488 71825 93914 86585 83638 94918 62570
68126 79711 08235 68106 63017 23238 79106 37319 74622 11555
89919 45411 81139 04151 08115 14924 61826 39155 47256 02075
98637 17716 60603 79599 54758 77331 01069 95503 75587 27922
85831 94104 01865 05009 76732 34688 04075 89821 93264 90936
76550 96487 53689 66037 72276 87961 56334 26643 51281 51213
54313 30211 11922 78734 67327 83371 4_700 40632 000 000

13417/14717/15817 kHz, 10-06/12-06, 1410/1430/1450 UTC

603 603 603 1 1362 81 1362 81
46936 71522 57124 55092 55489 69700 60150 22161 99264 01377
37178 96974 58387 09874 38443 37402 95791 73988 37436 96182
34314 19274 24465 67863 13311 24423 03670 04839 22154 04810
69356 70257 86897 09944 27113 79129 20041 77172 72265 97942
25938 52283 09136 84484 80968 13879 56645 48084 61185 10746
79451 24108 49975 25317 56043 71147 01608 31543 83884 39674
80656 66411 05826 41549 77167 03875 61294 70559 55986 77198
69542 32116 63260 19618 83688 68652 29071 21201 26176 15647
75892 000 000

16331/18731/19331 kHz, 15-06/18-06, 0700/0720/0740 UTC

373 373 373 1 457 132 457 132
74885 50054 05782 74733 58402 35016 30017 69444 18140 86839
88109 16845 61586 62648 07308 84501 25598 18760 21583 32493
31398 85151 37787 03406 91667 90966 47589 66740 76146 10943
99520 49934 41985 65909 40390 51235 68988 46091 22204 41279
45494 93108 44100 49510 12556 06691 86265 85305 27331 34700
41870 94977 44216 08693 05955 65523 28665 84060 24225 75077
90120 01678 35338 11148 09379 71568 67731 81287 82657 15513
26535 13605 34399 89896 95572 20963 49644 76826 36082 70518
64924 57100 63112 18858 58677 55408 97606 05194 73166 88189
15963 38653 02550 31179 61894 03126 30975 54400 54770 07056
78247 62072 82341 50870 12602 40253 40999 24461 96554 52813
34699 39375 74585 50574 87221 37836 87407 14780 64961 96028
24422 96236 34221 85966 94598 80353 85755 69969 24082 46151
10879 31864 000 000

13368/11568/10468 kHz, 16-06/20-06, 1700/1720/1740 UTC

354 354 354 1 207 155 207 155
02220 59853 62215 70731 90710 01541 30840 71637 59739 29703
74904 32034 15714 32303 12566 16483 74207 07562 94943 51630
10945 16768 29987 14566 05542 77431 12818 59052 46463 32816
14287 33191 65745 55258 41670 79630 24405 40507 01801 24492
71571 00963 27029 81468 13022 30556 09948 31828 53286 41174
80452 09689 56282 48738 18914 30775 09067 32222 38980 03540
35776 23412 28147 52595 69130 63882 92690 87394 46229 32181
41153 60255 20036 33529 21362 31595 06596 42474 23610 09657
13060 46506 34778 46947 16830 33992 64263 47770 48519 59512
51791 56387 89922 13201 93041 69434 46405 72077 67772 69022
58804 57212 45848 81905 74525 88575 45977 19402 65139 32334
60600 20687 31217 89619 93052 22608 68570 89986 08010 10330
42677 72300 62085 63363 70213 05349 69636 34992 66591 10570
86430 56462 21425 50308 75028 09177 70293 70480 06380 81794
43970 25238 98561 04725 92248 01387 12597 60325 16709 61070
50163 10950 56241 88321 78462 000 000

13417/14717/15817 kHz, 24-06/26-06, 1410/1430/1450 UTC

1997 65 1997 65
98092 96996 94903 10424 05484 26897 57843 59618 24869 54329
14037 14033 50378 69643 84006 84276 63686 39376 71926 07898
28992 03276 93591 75690 03588 98416 95287 38221 75812 25876
41014 21923 59755 93370 97126 49528 91883 66899 08910 66738
44154 40981 49035 56572 89727 19435 73215 98833 98314 43622
15429 12818 89424 65942 15981 58555 86146 02116 71947 51099
62788 99018 15154 36701 63583 000 000

13368/11568/10468 kHz, 30-06, 1700/1720/1740 UTC

354 354 354 1 595 87 595 87
38875 54680 07618 63378 09609 08167 12357 21412 82228 12185
25503 02187 89790 53007 82697 93285 26410 60616 32200 93125
26176 76946 25476 92343 33094 70033 94706 49808 16607 65536
72278 94278 80096 61048 58407 55957 00843 72529 73858 44415
62594 67854 40028 44430 88948 43401 99991 96081 43405 57753
70217 75699 01291 68411 13665 87319 16980 42677 08961 21469
80502 64769 75167 50106 12260 73848 26099 53767 32788 63432
64065 62047 26050 98182 69801 61274 42711 37177 13807 78835
76805 45375 65820 50604 65988 77170 98638 000 000

E07a**12166/10766/9266 kHz, 30-06, 2000/2020/2040 UTC**

172 172 172 1 60704 653 38 653 38
81496 22749 31802 48953 37376 65929 28084 13794 59019 79903
11885 98705 66320 90427 65676 42767 52974 08569 24225 49188
54342 71834 36680 52192 32119 19869 55508 74086 61058 90912
96840 55733 49539 39471 46490 30625 07618 55549 000 000

E11a**9610 kHz, 04-06/06-06, 1910 UTC**

611/34 Attention
57745 77887 03414 71207 06483 55014 43088 71495 25358 50304
34940 87754 35088 14628 72145 26417 36312 46823 70107 15440
59775 03224 18192 41879 59088 26465 75826 25761 71570 31765
32264 03652 59994 598411
Attention (message repeated) Out

5082 kHz, 05-06/06-06, 1530 UTC

365/40 Attention
01259 58727 08383 62412 75087 53013 53591 61345 94238 57422
31233 60428 53331 68443 56221 65353 82021 64257 20893 56817
63503 76822 08956 13239 77213 73049 43567 76029 39710 56768
21916 43003 84377 76316 93480 00267 53694 58046 47564 80597
Attention (message repeated) Out

15800 kHz, 07-06/09-06, 0640 UTC

946/25 Attention
75670 08521 40645 90423 68776 18433 51705 78143 18195 00429
56241 79007 08649 93851 18536 89035 20061 32904 94129 37694
22159 53223 99995 91236 16259
Attention (message repeated) Out

18030 kHz, 07-06/10-06, 0715 UTTC

750/33 Attention

48909 46596 25115 87434 57148 44380 26078 22341 51886 78000
59312 20728 38817 14620 14008 57543 90131 43509 46822 41214
86322 03248 59729 04520 53048 73086 04580 41942 93382 96233
64330 50011 61173

Attention (message repeated) Out

9610 kHz, 07-06, 0745 UTC

10356 kHz, 10-06, 1530 UTC

262/37 Attention

44992 52800 89684 38081 67875 29108 68444 36428 68154 92724
16913 13911 15455 82571 31195 26258 85941 36612 35825 23071
81950 19556 36381 27436 60142 03167 56816 99168 28767 59831
42234 75289 27119 07157 60190 77615 81562

Attention (message repeated) Out

7449 kHz, 07-06/09-06, 0900 UTC

538/36 Attention

24602 51734 78969 94573 68211 35569 35552 48245 68450 10902
01250 44437 82288 82762 01577 53308 81872 87700 45205 73403
91805 12313 18818 87021 78582 28189 65341 80966 73021 46766
51839 81993 91129 43200 93045 72684

Attention (message repeated) Out

5737 kHz, 07-06/10-06, 1300 UTC

310/35 Attention

06382 14502 11810 87127 24556 82448 32940 98465 57957 89233
96187 98497 93513 83021 97716 51305 20703 70235 77269 63892
31713 76690 68436 91315 33053 88262 80098 78721 20676 43442
91684 88992 85786 37654 88431

Attention (message repeated) Out

7600 kHz, 07-06/10-06, 1900 UTC

643/37 Attention

61514 28943 54236 78797 73691 52871 02884 82909 59983 65070
42473 22508 57722 65743 72022 07451 94017 78475 57001 51527
32496 47876 15994 79574 06371 26840 67707 71250 13226 15343
23498 08898 46281 62450 72171 35645 56852

Attention (message repeated) Out

12153 kHz, 08-06/10-06, 0845 UTC

156/36 Attention

67333 09401 33576 38365 14193 25379 33751 11310 79643 66231
73238 61237 39458 50245 82664 89120 85349 87870 24042 37999
67174 98612 27777 20138 74004 14216 39435 91826 26901 92808
31924 03572 12348 38189 58864 56359

Attention (message repeated) Out

6304 kHz, 08-06/09-06, 1205 UTC

463/34 Attention

57501 68851 71911 30710 06484 48929 39687 93832 46808 65658
19080 71467 52291 87681 85881 51921 04840 19706 28482 91704
61395 54159 11654 44832 66146 76588 97030 52204 76249 17792
65870 40202 90792 57481

Attention (message repeated) Out

15720 kHz, 09-06/11-06, 0745 UTC

348/37 Attention

34010 58423 37046 85963 36424 87320 98222 46934 27701 64440
80836 18775 31885 49860 17941 27217 71076 31630 09921 80537
56397 23125 06281 10290 98284 86320 02095 10293 57208 29816
97818 31940 38963 55699 38319 69713 42040

Attention (message repeated) Out

4783 kHz, 09-06/12-06, 1910 UTC

392/35 Attention

78818 03117 01310 85428 65156 99700 45309 53122 07767 99677
85034 55475 50207 14266 12193 24906 44567 31864 18207 33729
22529 44893 13463 93400 40895 56100 52898 85168 07978 40490
73931 37003 00714 88748 75599

Attention (message repeated) Out

7469 kHz, 14-06, 0450 UTC

8088 kHz, 17-06, 1730 UTC

413/37 Attention

67030 76378 85186 19690 98012 71781 19134 61425 02935 75838
52219 10814 31610 74174 45422 93306 05663 77792 31150 70222
96216 63888 42245 47867 21573 69234 21501 71804 45932 49554
88920 12415 03794 43435 81317 07116 84369

Attention (message repeated) Out

14410 kHz, 14-06/20-06, 1745 UTC

246/33 Attention

03095 86919 69673 27343 24358 54267 05813 18700 89617 13487
04086 03387 25229 48214 78565 54610 30242 38523 40175 33965
64821 52507 49610 59713 93162 36532 84880 63103 41853 14534
28492 32858 26940

Attention (message repeated) Out

8680 kHz, 15-06/18-06, 0700 UTC

575/31 Attention

05472 02654 38380 64770 84384 36614 92702 24277 71247 09883
43451 90598 22750 52104 62561 10481 88309 67107 41236 99608
11325 73296 23163 59113 95423 50678 74928 16835 30963 05398
41816

Attention (message repeated) Out

17378 kHz, 15-06/16-06, 0820 UTC

130/35 Attention

85130 69197 83798 37053 18791 99098 32463 28833 12885 99118
98623 21788 92379 12208 00223 49336 68581 64259 61609 44071
39350 17330 89289 15373 43367 67516 97720 59080 77076 53577
94113 86960 96993 00947 57387

Attention (message repeated) Out

5371 kHz, 15-06/20-06, 1605 UTC

236/39 Attention

15164 73052 86497 23570 19035 76684 17094 91077 96820 42922
67784 26993 47264 92936 92497 62822 02194 18075 90361 94656
03064 00120 39941 07698 78297 15307 03724 91697 86341 52457
39115 97033 34002 94857 96304 67410 69344 60290 14199

Attention (message repeated) Out

6923 kHz, 16-06/17-06, 1 0930 UTC

270/31 Attention

98617 66385 28609 82747 63520 83198 99975 52389 87748 69162
38674 99547 43041 17932 09228 16516 28243 41461 80118 78736
64101 53330 47903 94303 36659 72012 96165 74668 99332 72924
47907

Attention (message repeated) out

7863 kHz, 16-06/20-06, 1625 UTC

976/38 Attention

95862 41506 67869 85077 92700 76815 59664 03719 85551 43874
59001 09907 81591 34914 85466 29406 57898 14102 40013 72406
27429 89187 46487 04909 91009 09292 20677 15568 01402 00944
40057 21995 10687 90278 81575 40099 16602 50512

Attention (message repeated) Out

14575 kHz, 17-06, 1645 UTC

331/34 Attention

59395 51707 19139 82792 15339 79244 05897 73611 37346 90126
35081 11696 34680 49587 19371 97394 33841 71779 26852 41842
31257 65580 59394 80656 52141 09496 58859 68850 86918 23836
00448 59246 72303 33423

Attention (message repeated) Out

8109 kHz, 22-06/24-06, 0645 UTC

511/40 Attention

87790 26696 42043 33414 14082 70199 13704 45253 37434 10471
99206 63965 53817 22338 70148 56793 79838 61838 62664 74295
67546 56909 08970 57113 55094 10870 78078 43580 21726 15536
56800 13444 55656 78810 86266 46638 82320 23794 29769 97557

Attention (message repeated) Out

10429 kHz, 22-06/25-06, 0715 UTC

631/34 Attention

14442 12084 25647 78286 18515 06730 35866 93195 12808 90889
91649 81241 57682 62672 97115 68598 68537 26134 84659 44078
16403 50925 75952 79549 50172 88271 92145 79026 74265 93727
20775 22861 30599 74758

Attention (message repeated) Out

14940 kHz, 22-06, 0745 UTC

227/39 Attention

40178 00200 58345 64490 98549 74681 11976 33349 84671 70340
70501 45926 14827 49551 87422 27128 74708 19158 69819 57736
94081 58519 25629 40656 70784 69800 32952 18158 75806 27775
83018 68516 26792 70546 42367 44560 15857 67231 48637

Attention (repeat message) Out

12984 kHz, 22-06/26-06, 1345 UTC

918/32 Attention

28692 53304 12473 13726 69489 16177 98410 46286 93979 01237
67822 81647 65922 88674 48667 29889 62595 11254 23279 40497
60499 83981 50362 96068 49990 63105 71396 09453 78248 19136
27243 63285

Attention (message repeated) Out

4909 kHz, 25-06, 0820 UTC

432/33 Attention

54227 43703 43015 02113 10459 55590 34172 03845 95233 45771
65031 82572 70897 15813 57051 85630 05052 41889 73600 58549
44856 48038 12244 28060 83318 01713 57674 58809 78510 58723
57195 82687 37277

Attention (message repeated) Out

12229 kHz, 25-06/27-06, 1650 UTC

920/33 Attention

54481 71809 04572 39760 47713 76518 09621 42056 30030 82460
85463 68603 59739 31473 02313 87182 03843 03415 02516 91883
40909 75873 41132 33605 15255 49066 37903 38553 63686 49414
64989 49831 10310

Attention (message repeated) Out

9150 kHz, 27-06, 0600 UTC

351/33 Attention

11448 63917 52417 85873 84578 13476 11668 24168 73704 30958
41205 91732 33926 67303 76559 54327 05079 08612 24449 95339
34017 46615 60038 61433 12914 69397 30993 44154 85026 24750
35095 49220 13887

Attention (message repeated) Out

8545 kHz, 28-06/30-06, 1045 UTC

692/28 Attention

32520 02420 14906 54019 21009 58491 11646 14492 06559 62629
94304 17195 62294 24466 24859 43783 30768 28892 73084 22321
36853 63844 53306 10378 08192 85117 66962 77625

Attention (message repeated) Out

E17z

16780/12850 kHz, 10-06, 0800/0810 UTC

217 493 5 88620 39534 14778 88146 11178 493 5 00000

16780/12850 kHz, 17-06/24-06, 0800/0810 UTC

217 403 5 88620 58069 61732 74537 57440 403 5 00000

S06

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

16022/13934 kHz, 04-06, 0830/0930 UTC

842 570 39

91315 37058 97055 20068 68184 88712 89438 50324 00138 96671
44332 70893 86513 11317 57080 60052 07499 87659 48118 23714
68310 50003 05063 03603 88791 83667 60047 74349 33438 00748
36091 29183 13453 38546 56202 97732 58191 82251

570 39 00000

16022/13934 kHz, 10-06, 0830/0930 UTC

16022/13931 kHz, 11-06, 0830/0930 UTC

842 936 40

85668 84648 66638 48582 26014 15435 17319 43062 90426 30678
24976 66177 68342 22853 53417 19172 51979 58101 33622 33274
54201 59307 47860 34076 49134 02945 82671 50145 33982 21875
11618 70558 35460 31294 93766 81059 09305 20015 98829 33504

936 40 00000

16022/13925 kHz, 17-06, 0830/0930 UTC

16022/13925 kHz, 18-06, 0830/0930 UTC

842 537 41

10249 89256 27461 37860 29424 23590 93663 52768 79596 33372
40973 00348 67877 02762 08223 39979 92214 01751 21629 58962
45247 49178 28570 35190 96379 66840 86940 77633 63013 79418
83500 11867 06881 39887 79672 02789 16412 85094 08212 31739

61073

537 41 00000

9485/7561 kHz, 18-06, 2000/2100 UTC

768 492 56
45670 43473 46847 74873 96757 98348 67381 46891 82323 20752
36489 10391 58784 01964 25191 72630 06158 40778 16855 12070
57791 51616 11067 68257 88697 52807 75396 36895 59425 81432
93177 63173 75740 63163 28413 82557 68892 57190 79105 79588
47321 83840 79607 66709 12567 03180 17576 28639 12721 44790
94068 03125 68397 29526 62095 74800
492 56 00000

16022/13925 kHz, 24-06, 0830/0930 UTC

16022/13931 kHz, 25-06, 0830/0930 UTC

842 691 42
65045 26697 98661 47335 11653 46405 53112 11943 60407 38596
55264 24296 08165 97480 00857 61502 07531 96411 83280 98704
50103 47859 12229 96057 70137 65442 42594 36983 04539 07700
12060 09877 70160 08281 10823 50458 44310 22254 31877 86957
59422 43215
691 42 00000

PACIFIC REPORT

11616/9322 kHz, 01-06, 0400/0420 UTC

480 176 51
54826 03983 69745 14775 27671 89215 98906 65305 52681 19720
96951 74476 49793 44276 28275 41667 77982 43180 96471 70481
58372 12558 09695 14254 95498 39414 99614 89614 38895 78329
48686 31562 52206 65764 05398 88479 82004 32895 92204 80523
43500 02920 35817 69832 65337 83778 74542 15994 60656 92219
22371
176 51 00000

11616/9322 kHz, 02-06, 0400/0420 UTC

480 953 61
62982 78583 49130 05003 27345 15303 68099 80901 33107 80423
00136 97774 23481 75132 51841 66926 21473 21859 47342 43921
54583 81522 83309 47446 67890 12689 93459 25544 73941 14796
33454 23891 12909 22657 22160 35814 21426 44417 00184 38737
33560 60158 91634 46738 62350 23330 80047 33906 35347 32204
34397 08189 82594 63538 46161 40412 00490 85629 63337 78171
39964
953 61 00000

11616/9322 kHz, 03-06, 0400/0420 UTC

0420 UTC: Callup R4m, then silence and TX noise, until carrier went out at 0431z - message never transmitted

480 121 54
42472 23532 38304 28754 56369 52331 15613 44619 78834 51825
31259 50362 28222 17656 32500 05184 86323 32712 53476 53292
16729 02714 36636 51140 97778 74716 68983 67425 16268 74455
12570 54267 17210 23478 33904 13029 26477 22002 61975 03195
89136 08429 29586 67751 90029 31457 77665 73521 49173 95729
27256 89861 09030 66956
121 54 00000

11616/9322 kHz, 04-06, 0400/0420 UTC

480 763 61
58844 73100 79376 52747 89643 49762 80593 71327 59756 60110
99922 49167 71241 10515 24554 73954 96212 04876 65672 34988
23021 69306 50587 27583 97073 49948 80591 86101 04709 26126
65473 00279 73582 06024 70628 94539 87995 97057 37712 74986
42600 68155 64759 73755 82913 46113 56713 45421 06102 13217
82304 95139 20443 98326 98216 43219 86920 78606 26473 55798
91388
763 61 00000

11616/9322 kHz, 07-06, 0400/0424 UTC

0424 UTC: Late start but preamble still on time at 0424z

480 259 60

64729 46735 91637 24593 27148 31448 48899 32416 38970 79787
65148 28533 04352 82916 23139 36351 63539 33164 14953 43509
65842 07610 53693 29072 49332 85360 53629 33006 31978 21962
95981 53878 43892 29375 22550 85712 55372 34945 24348 29951
80439 17834 17459 43444 60546 46307 23273 08415 58145 64355
95315 35332 14822 01065 59840 34636 53649 01169 62378 18244
259 60 00000

11616 kHz, 03-06, 0400 UTC. Multitone glissando in TX noise after voice transmission

9322 kHz, 03-06, 0420 UTC. Irregularly sliding feedback in TX noise after voice transmission

480 637 56

94102 97619 12109 62068 89397 88534 95811 10881 08296 73902
60549 41543 83876 00162 18665 91526 57280 16925 12834 22228
50596 85204 75919 12001 00795 90806 16709 78594 40630 92589
79970 73157 37451 60282 54252 13027 25860 81526 25898 45463
95161 42854 02618 59533 17528 14280 55283 88328 27826 92185
51024 68700 91042 80200 76418 50699
637 56 00000

11616 kHz, 09-06, 0400 UTC. TX problems at the beginning, then sliding feedback between hroups and after voice transmission

9322 kHz, 09-06, 0420 UTC. Sliding feedback in TX noise before and after voice transmission, and during pauses

480 519 60

51188 97549 09311 11076 75657 07043 79924 16894 53543 65739
46205 44624 35455 99705 76805 22099 13363 07832 41759 98429
37584 40506 56626 98516 08084 49879 20561 67111 13536 78897
21218 82114 16566 81290 05251 41802 08630 89706 87725 55665
82956 74174 13202 93549 98996 58093 04409 72778 36809 83921
59451 87961 64830 45762 83498 13162 69454 31038 65875 31109
519 60 00000

11616/9322 kHz, 10-06, 0400/0424 UTC

480 326 59

79409 01204 30654 84827 37885 77037 81687 72265 01161 47586
23943 24357 32001 85246 87250 04487 93499 11316 82268 61829
85884 73792 58245 63878 27963 48323 76492 07608 31622 04480
10533 63916 42843 04558 08831 35074 47647 27082 81072 29831
66428 32203 93905 85902 85099 11182 87102 94495 96493 87134
46056 06582 50453 59249 91572 25584 36049 07631 72885
326 59 00000

11616 kHz, 10-06, 0400 UTC. Transmitter noise with dirty tones, before and after transmission, and during pauses

9322 kHz, 10-06, 0420 UTC

480 179 56

31590 41182 21512 46843 26125 81669 60168 07067 91133 72162
69863 91591 43516 30439 80868 33684 34159 08662 17642 48883
81936 82141 36401 91582 00394 01478 97578 96088 46781 56522
89367 13090 48154 25585 47535 77474 84197 08344 33693 68429
31488 65874 19213 47765 98860 16251 38972 87401 08578 59149
08119 21945 02994 27889 76047 87312
179 56 00000

11616/9322 kHz, 15-06, 0400/0420 UTC

480 532 53

29837 83710 05623 74822 28501 07784 46078 09092 17526 29883
84315 53331 75761 65123 75277 54100 70250 94990 32715 86776
85964 59743 09949 53085 82190 84114 47121 11147 11522 16002
83405 30234 62777 82832 57579 87415 11001 95297 45423 08292
93868 53123 07374 98995 36436 32598 44857 21647 99184 60509
88769 30456 26876
532 53 00000

11616/9322 kHz, 16-06, 0400/0420 UTC

480 967 62
54220 85923 74580 41063 76881 35128 57817 31877 46971 80034
26414 54081 48532 12707 74953 26857 83793 50907 00321 50033
03926 85618 08093 79788 06300 61095 81525 17340 96689 79615
74077 15312 39849 48132 11409 31464 46911 09004 13780 84468
73037 21994 74814 91434 23758 89732 57531 91844 93442 43812
93607 87618 84340 33729 96801 53968 79615 85830 26471 99747
68833 24483
967 62 00000
Short stop after group 39

11616/9322 kHz, 17-06, 0400/0420 UTC

480 512 60
61926 94321 41476 52862 61524 56766 84062 58147 52345 46034
72132 36743 84501 42447 31099 00733 08503 99023 03372 50764
75570 61784 43640 31209 07185 36250 45112 20107 38561 23571
13897 24834 65737 74715 33720 83431 50965 36168 88160 44531
66086 85573 32591 95814 78587 80744 33018 26947 10014 70504
13994 37922 21442 40759 82811 28752 05679 94329 22148 31444
512 60 00000

11616/9322 kHz, 18-06, 0400/0420 UTC

480 636 52
90539 82964 80077 85321 58687 30046 78248 46003 90058 20755
71359 60223 59859 40105 04131 25583 01084 53043 76228 89792
74242 46853 22772 96984 17642 76327 09009 04818 51677 78972
75082 52073 35569 52419 91838 81429 99968 11228 13601 47097
03887 65277 38858 62001 89377 86920 14800 64214 32409 59099
46634 07296
636 52 00000

11616 kHz, 21-06, 0400 UTC

9322 kHz, 21-06, 0420 UTC. Off during callup

480 971 54
17988 30605 45243 45772 58086 32874 22232 17821 23296 30933
08419 07424 60639 44261 08033 69873 92348 87907 90730 00502
05316 22479 65274 46810 30480 44826 01745 63271 35591 45637
88218 38498 79799 76102 32870 49458 03490 90852 47404 22433
51809 59355 72788 05396 55329 62956 33200 81510 16266 19746
29132 78424 73712 53167
971 54 00000

11616/9322 kHz, 22-06, 0400/0420 UTC

480 523 60
46457 30593 47147 58915 35918 02576 23328 85496 18996 77705
42099 17163 77200 22292 03849 74958 86334 43258 57706 52174
26011 79460 76935 85019 01764 56005 49254 98000 40697 06242
05544 41200 46606 91115 35366 61625 25508 70572 62743 75841
17522 06701 80619 36048 96030 03306 67459 06812 20067 11586
34410 94621 50862 56618 76465 97470 68490 64331 26074 66638
523 60 00000

11616/9322 kHz, 23-06, 0400/0420 UTC

480 719 67
35844 82087 45010 63193 22180 33558 78180 92412 06493 43145
00900 03255 13644 87100 29160 74394 05537 62597 62091 92758
48229 42024 47160 48297 29526 29718 07584 39785 31755 54571
49134 77598 89397 76964 88525 94407 86281 93441 70571 99705
71998 37589 66299 39132 02259 00534 69209 44514 32855 19511
31862 95569 21925 07939 09992 59209 20205 25429 06324 77369
53956 11181 31284 39324 30261 29190 22792
719 67 00000

11616 kHz, 24-06, 0400 UTC

480 480 480 00000 (repeated)

525 55

41885 42522 84915 59376 01285 69635 84258 40878 62373 90919
09614 61067 23996 70679 07974 57201 59041 81353 56438 64365
65859 04307 84965 22960 74451 04567 68753 34333 93390 09151
38677 06747 08399 43716 83239 58863 68522 07178 40459 72935
20842 89019 0_637 14894 79656 58956 85937 63518 41079 83655
27734 15870 78973 50186 27628
525 55 00000

9322 kHz, 24-06, 0420 UTC

480 525 55

41885 42522 84915 59376 01285 69635 84258 40878 62373 90919
09614 61067 23996 70679 07974 57201 59041 81353 56438 64365
65859 04307 84965 22960 74451 04567 68753 34333 93390 09151
38677 06747 08399 43716 83239 58863 68522 07178 40459 72935
20842 89019 0_637 14894 79656 58956 85937 63518 41079 83655
27734 15870 78973 50186 27628
525 55 00000

11616/9322 kHz, 25-06, 0400/0420 UTC

480 673 51

00350 29845 17705 85021 17200 58513 04540 43587 66642 62155
71588 56524 87279 82482 45941 26937 07878 04616 34622 72048
00076 89351 29684 67432 93290 16474 68483 67131 69026 25020
78813 48075 76761 61478 63591 52279 38605 71817 04785 25166
34909 98306 91256 73661 88032 67060 00236 92169 86423 77240
87976
673 51 00000

11616/9322 kHz, 28-06, 0400/0420 UTC

480 195 55

68471 38185 27284 43431 42395 78198 36263 17552 82467 42583
61804 80846 64273 15300 28874 58895 94505 98723 68938 82063
65100 28107 11078 34786 68425 91234 98968 34249 59426 82927
82187 80650 75690 49109 55265 46234 51359 00103 42937 95274
85817 97856 55018 52218 53117 46784 59348 60141 63052 42700
46237 96737 09836 60951 82852
195 55 00000

11616/9322 kHz, 29-06, 0400/0420 UTC

480 362 53

01026 80184 96909 07090 25271 50038 55626 79444 38610 63142
96050 70456 09906 59682 73489 03516 65357 91920 30578 73409
61982 35346 71381 12600 87753 33_24 04409 90023 24340 53538
44557 34595 33381 65106 11456 00607 52228 59023 58590 17208
10106 73866 15122 89158 00610 01517 35970 41036 71507 80201
84037 22084 17713
362 362 53 53 00000

11616/9322 kHz, 30-06, 0400/0420 UTC

480 197 53

58213 22427 67300 68249 68615 37151 81341 74822 54688 90486
47554 26913 36981 94636 49205 27062 34224 48395 81014 27663
77304 25809 86240 85106 23743 67284 05957 74962 77338 96577
57741 54130 42678 12092 85931 80900 69200 25936 50661 28866
64495 49174 47848 55617 81525 46700 77327 12158 09470 10182
01316 03816 22860
197 53 00000

S06s

S06s oddities

11565 kHz, 16-06, 0830 UTC 464 871 5 22192 27868 19761 57217 91858
Restart at 0836 UTC: 464 22192 27868 19761 57217 91858 871 5 00000

12560 kHz, 16-06, 0843 UTC 464 871 5 22192 27868 19761 57217 91858 871 5 00000. Late start

11530 kHz. 24-06, 0730 UTC 172 stopped at 0732 UTC

S11a

5149 kHz, 05-06/06-06, 0830 UTC
376/33 Vnimanije
46740 74651 03563 70643 39482 74497 92486 70891 04986 22971
61390 03935 74078 93401 94295 85780 14664 78451 12169 95933
36656 76558 54661 07583 52644 11324 58104 15059 24834 88434
28219 79911 01113
Vnimanije (message repeated) Konets

13537 kHz, 14-06/16-06, 0510 UTC
656/40 Vnimanije
22522 47495 46296 35543 21512 45919 19738 67837 59489 56591
52166 17030 17783 20714 39841 45990 84357 70476 08129 93185
73257 80198 76222 02845 12196 24444 66825 78574 56108 34755
04570 06520 28562 05402 01830 05511 20761 85686 07928 52203
Vnimanije (message repeated) Konets

12457 kHz, 16-06/19-06, 1850 UTC
285/34 Vnimanije
75222 39636 94586 63094 65606 85764 14256 89843 66194 59375
61366 62483 79021 27837 13419 96270 61613 80030 90259 04202
11960 18429 61174 53566 31129 87676 77153 23349 60760 14874
28870 75459 87955 93180
Vnimanije (message repeated) Konets

18168 kHz, 17-06, 1045 UTC
389/37 Vnimanije
46207 92171 60732 16706 99258 54208 24022 02818 73795 56035
36196 46754 38158 40012 36473 34571 49363 34694 76618 93922
13444 65404 02102 57783 89932 06427 19034 99244 72310 95208
54086 14411 78183 74226 67535 72584 80874
Vnimanije (message repeated) Konets

9339 kHz, 21-06, 0700 UTC
470/39 Vnimanije
68221 80862 04000 65823 02852 24175 43373 66510 50080 35919
06860 40051 48281 13497 59302 02124 44439 79595 91539 28601
45369 28214 34304 72726 61523 02388 87876 76541 17270 71927
94837 65163 88373 55398 24216 00685 32023 07150 43973
Vnimanije (message repeated) Konets

6814 kHz, 21-06/25-06, 0915 UTC
481/38 Vnimanije
35352 24359 42324 10825 10841 61227 40075 21094 13752 87343
67773 49790 60698 62165 20220 08817 03242 21620 65192 15886
66316 78607 87437 05309 67835 42019 92648 53239 26607 22139
56265 87140 03252 48266 39322 52148 92438 60455
Vnimanije (message repeated) Konets

11479 kHz, 06-06, 0340 UTC

414 414 414 1 211 102 211 102
 27020 82751 97219 22029 64524 25580 54245 67794 73158 57873
 81941 17461 77797 30482 59538 98400 35480 77907 61519 33215
 76079 69059 51967 60752 41913 86232 66346 44213 87747 54177
 93036 26150 33488 32118 48334 06334 57702 34809 66947 46024
 79516 83647 63305 32126 03317 13706 76163 29746 19894 77182
 58755 49542 80141 85663 24600 64866 69622 83695 43663 27364
 85534 24144 41219 16090 96693 38292 64923 57722 91738 28412
 29938 81790 21141 62154 42916 20259 98710 33029 03360 61906
 30106 66578 80509 52784 58856 44143 99722 43810 20572 33896
 83827 50650 58996 71427 42354 57793 35887 96773 74559 90998
 18072 44217 000 000

12179 kHz, 13-06, 0320 UTC

414 414 414 1 8583 104 8583 104
 12972 02400 46061 83879 58415 38496 52090 93682 73486 87130
 73477 23978 99097 08326 43029 04670 57658 04075 23427 72948
 12098 10455 87088 44414 29931 56070 79228 11316 76653 90364
 32752 48775 95319 27873 07416 30551 46872 44183 90227 15926
 50205 73484 24072 22160 39044 46699 94826 28499 81091 73120
 46152 09593 30562 83908 65962 84472 11660 42056 74690 30642
 87814 57096 78108 50069 22466 87001 32213 84787 01026 87735
 61503 61426 66092 19370 25898 14768 66540 59889 33553 61552
 19777 76923 33313 39458 58128 49761 38977 35019 90216 41473
 48009 49814 85648 39250 83033 91989 43711 54212 25402 67489
 39697 01911 88080 18146 000 000

13479 kHz, 27-06, 0300 UTC

414 414 414 1 4876 60 4876 60
 79083 14770 39737 61215 09461 72061 75679 69633 16239 70741
 23031 56620 79508 82049 31467 86341 94132 50045 34512 93314
 68034 16195 98746 77700 43934 21797 39560 52187 37523 35515
 70065 37973 87882 24600 52441 94370 55389 82285 35075 69432
 81974 90349 32251 54670 76470 00097 79302 62165 55002 63894
 47720 54034 17456 29473 76413 70602 07197 43627 92644 00550
 000 000

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

Note:

9276 kHz is not // 15890 kHz

7502 kHz is not // 8300 kHz

11430 kHz, 12-06, 0000 UTC
 13975 kHz, 12-06, 0000 UTC

11430 kHz, 12-06, 0030 UTC
 13975 kHz, 12-06, 0030 UTC

9276 kHz, 12-06, 0100 UTC
 11430 kHz, 12-06, 0100 UTC

9276 kHz, 12-06, 0130 UTC
 1430 kHz, 12-06, 0130 UTC

7502 kHz, 12-06 0200 UTC

7502 kHz, 12-06 0230 UTC

9276 kHz, 12-06, 0300 UTC

9276 kHz, 12-06, 0330 UTC

7502 kHz, 19-06, 1300 UTC
 8300 kHz, 19-06, 1300 UTC

7502 kHz, 19-06, 1330 UTC
 8300 kHz, 19-06, 1330 UTC

9276 kHz, 23-06, 1200 UTC
 15890 kHz. 23-06, 1200 UTC

7502 kHz, 23-06, 1258 UTC
 8300 kHz, 23-06, 1300 UTC

7502 kHz, 23-06, 1330 UTC
 8300 kHz, 23-06, 1330 UTC

9276 kHz, 24-06, 1158 UTC
 15890 kHz, 24-06, 1159 UTC

7502 kHz, 24-06, 1159 UTC
 8300 kHz, 24-06, 1258 UTC

7502 kHz, 24-06, 1328 UTC
 8300 kHz, 24-06, 1329 UTC

9276 kHz, 25-06, 1158 UTC
 15890 kHz, 25-06, 1159 UTC

7502 kHz, 25-06, 1258 UTC
8300 kHz, 25-06, 1259 UTC

7502 kHz, 25-06, 1328 UTC
8300 kHz, 25-06, 1329 UTC

7502 kHz, 26-06, 1258 UTC
8300 kHz, 26-06, 1259 UTC

7502 kHz, 26-06, 1328 UTC
8300 kHz, 26-06, 1329 UTC

7502 kHz. 28-06, 1258 UTC. Carrier only
8300 kHz, 28-06, 1259 UTC. Carrier only

7502 kHz, 28-06, 1328 UTC. Carrier only
8300 kHz, 28-06, 1329 UTC. Carrier only

7502 kHz, 29-06, 1258 UTC. Carrier only
8300 kHz, 29-06, 1259 UTC. Carrier only

7502 kHz, 29-06, 1328 UTC. Carrier only
8300 kHz, 29-06, 1329 UTC. Carrier only

MORSE STATIONS

MX

7508.7 kHz, 11-06, 0125 UTC
8494.7 kHz, 11-06, 1355 UTC

Beacon D, Sevastopol transmits ER
Beacon D, Sevastopol transmits RE

M01

Errors/different repeats in red

5280 kHz, 01-06, 1800 UTC

025 762 762 30 30 //
71810 90884 18102 19325 67619 54202 23492 5692 56092 63885 80390 80930
07855 07955 89153 81840 34027 75008 69661 04558 94439 64439 85262 04951 04952
51494 65445 14131 32387 92694 45510 49776 09740 (9740 09740) 45445 14991
// 762 762 30 30 000

4905 kHz, 01-06, 2000 UTC

025 788 788 30 30 //
41842 59567 98123 95882 00707 03553 78050 26891 20552 50291 (1x)
63792 65516 18816 49109 25530 28605 29605 80798 8788 85758 18198 07556
63815 80752 85236 87612 42920 35155 27392 50499 15165 00769
// 788 788 30 30 000

6435 kHz, 05-06, 1500 UTC

025 806 806 30 30 = =
37490 79672 81143 79165 74915 59956 37448 37158 42940 60867
33041 73022 72367 36959 50268 44174 31664 12580 19255 74205
76869 79079 61520 25567 87200 74980 54336 99248 51685 26824
= = 806 806 30 30 000

6780 kHz. 06-06, 0700 UTC

025 (long and short zero's used) 811 811 30 30 SK = =
5 59700 89665 14153 00705 76960 58382 74794 20362 87460 61337
75880 10307 24358 38021 60511 12987 24928 59095 32250 62220
73616 460921 46021 53167 95838 46732 33361 33336 81927 42330
= = 811 811 30 30 000
Sent 29 groups

4905 kHz, 08-06, 2000 UTC

025 461 641 30 30 = =
40087 69012 47795 30335 85116 32198 23978 232 70232 52866 5866 00211
15806 77127 50408 82674 62846 53052 67619 00763 05104 00013
51001 51901 66857 78630 34897 93968 49190 86183 33361 53094 45981
461 461 30 30 = = 000

4905 kHz,101-06, 2000 UTC

025 749 749 30 30 = =
44399 52848 42742 88646 48311 03207 30674 51591 02962 69714
46682 26236 61172 37303 56046 18896 91195 60623 82590 53590 **53522**
51658 76110 28525 57873 03805 00337 35114 19319 53192 37583
= = 749 749 30 30 000

6435 kHz, 12-06, 1500 UTC

025 121 3 121 30 30 = =
16246 02571 19908 89846 98254 **9854** 98126 23267 17539 75408 44251
68448 72895 65229 46452 25858 52799 94977 87977 90024 91527
08364 38204 01732 04227 58017 **85017** 51962 **5162** 75036 70863 13712 35072
= = 121 121 30 30 000

6780 kHz. 13-06, 0700 UTC

025 178 178 30 30 = =
46477 55404 88590 70161 11652 82281 34699 44750 50379 58220
49664 **637299** 63799 51502 04842 13470 63676 15880 97580 24823 40761
56909 50624 18418 56745 14485 89073 47844 44395 10789 17586
= = 178 178 309 30 000

5280 kHz, 15-06, 1800 UTC

025 916 916 30 30 = =
70711 99451 19835 39788 10457 11776 12467 60674 45668 05871
79226 49445 84772 76610 28207 50321 74402 54080 89151 53326
57458 18005 61424 18878 55183 59743 07565 34336 36086 76495
916 916 30 30 000

4905 kHz, 15-06, 2000 UTC

025 951 951 30 30 = =
62970 33615 32931 70551 96578 41757 90793 54978 05174 59600
81250 22224 28818 62717 39229 08268 64088 13826 06348 00340
21754 53764 53502 96856 72361 17880 73864 92179 28444 67933
= = 951 951 30 30 000

4905 kHz, 17-06, 2000 UTC

025 409 409 30 30 = =
36939 71756 23416 56674 58100 23290 16131 62923 00097 28023
62408 96127 92703 35015 24839 66472 20131 38773 57620 82394
72266 07479 18878 23588 75636 59743 23313 27458 80G64 87964
= = 409 409 30 30 000

4905 kHz, 24-06, 2000 UTC

025 556 556 30 30 = =
64402 59041 07877 52632 03038 11148 73562 82460 23029 00900
74658 39753 70455 79188 56295 29948 73219 11813 86653 45898
66972 72045 87594 40733 17406 31578 52584 47686 18722 43776
= = 556 556 30 30 000

6780 kHz, 27-06, 0700 UTC. Long and short zero's used. Errors in red. Group 30 was not repeated

025 756 756 30 30 = =
433678 433267 24001 62465 (62456 62465) 84098 50182 32267 70431 41548 04548 **04584** 29485
33288 62320 49760 91547 25019 11585 16470 24796 **24796 24796** 33009 58738
81376 75160 60710 02308 45000 23022 19838 60414 **60141** 78964 37226
= = 756 756 30 30 000

5280 kHz, 29-06, 1800 UTC

025 119 119 30 30 = =
46550 95829 32913 09623 41538 55544 37185 69147 72576 55314
73537 74928 21411 99650 75986 21513 03543 25302 25629 07861
98210 61915 39612 00922 32434 89203 87588 44068 33576 69274
= = 119 119 30 30 000

M01a

4980 kHz, 10-06, 0611 UTC

723 723 723 10623 10623

723 723 723 10782 10782

333 10767 10767

111 999

272 10 = 12992 48795 55441 28093 18944 98003 41522 61272 67228 27185 = 272 10 000

4985 kHz, 10-06, 0635 UTC

412 412 421 57759 57759

333 57603

111 999

273 10 = 59119 99246 94733 98508 72976 62883 74958 66126 33025 26225 = 273 10 000

111 000

4917 kHz, 10-06, 0706 UTC

783 783 783 40320 40320

111

111 999

358 10 = 14230 86102 75423 45957 24851 71248 14230 43385 95148 29351 = 358 10

111 = 358 10 = 14230 86102 75423 45957 24851 71248 14230 43385 95148 29351 = 358 10

111 = 14230

111 = 14230

333 333

111 = 43385

111 000

4980 kHz, 11-06, 0603 UTC

111 999

328 30 = 5FG message = 328 30

111 18156

111 000

M12

12162/11566/10711 kHz, 02-06, 1710/1730/1750 UTC

546 546 546 1 5352 112 5352 112

04652 31821 88711 50150 18295 87372 36988 41585 02434 64296

09627 21704 58098 18827 34200 93948 45312 39715 24549 11452

75923 56617 92210 04974 21774 89819 88320 86187 73536 02348

71710 68174 58429 08011 43106 86313 66322 61214 04341 98335

12134 30741 94047 94203 96871 09797 03051 44088 53894 53961

45305 53414 43760 64423 54417 67925 60073 40005 10844 26187

18736 91129 84167 32036 64461 46974 05053 83713 28717 78270

95821 73011 32479 23628 05993 76384 63265 47736 42599 04915

32989 46993 10165 99725 56263 89992 36131 34470 77895 40830

16660 69344 47060 48852 55017 78319 60591 60524 31956 07181

52314 66582 86254 31054 33508 45457 96493 47345 94606 78412

86647 27230 000 000

12162/11566/10711 kHz, 03-06, 1700/1720/1740 UTC

546 546 546 1 4046 105 4046 105

46090 08352 77992 72407 99788 97954 86711 91194 49112 77768

47012 58110 39803 39783 60563 07650 29279 05695 09080 50188

80921 32472 71607 36102 83723 70658 96862 20065 80878 82917

89050 42793 35892 13085 36543 75044 40589 05258 92122 22956

52154 24512 91349 20992 50495 04221 56578 19958 59029 89630

13921 58102 71307 18567 31426 59107 08929 27263 37820 36056

14957 08765 56032 82105 54924 53112 99645 68359 39508 67401

14991 74711 77545 59675 08611 58847 88100 49638 11232 54152

60740 38885 86243 95430 53393 95285 06320 70606 61810 59893

09846 37801 75025 12936 89464 44688 97355 08956 92589 10628

29435 05101 91921 02464 33476 000 000

12162/11566/10711 kHz, 03-06, 1800/1820/1840 UTC

546 546 556 1 4480 111 4480 111
33740 67682 53961 17432 55310 85560 42899 75896 29396 15928
64362 70531 02591 35963 58560 52358 36287 98171 79485 90711
66282 79666 56058 49089 43145 64600 54221 63469 91516 18891
09927 24825 33650 13831 05489 28984 76799 64048 25105 65914
70571 54125 44087 75764 72349 43423 78836 71984 13894 75328
08376 57986 20897 66610 55912 44401 99142 95171 91112 15917
19213 59152 03966 29368 05890 43790 95220 0791Z 93640 61559
21237 60308 12143 50656 59298 78484 28198 82954 94926 71215
65984 28340 76466 20255 31117 00031 56237 79436 99456 39263
79762 44713 27925 03189 37785 36554 17493 59613 21113 19105
98379 02808 78272 43099 16056 25643 44594 34603 31625 48489
89204 000 000

14377/13461/12114 kHz, 03-06, 2000/2020/2040 UTC

371 371 371 1 7241 106 7241 106
24246 33866 53374 42872 06349 22019 35151 26771 93577 44661
95814 61743 13672 92762 74153 61575 85409 86904 19330 67757
17033 43287 55985 68683 23611 81857 93003 04065 44029 59473
71914 80925 25618 15944 17938 82316 97029 84865 05802 97847
90922 91625 67766 54420 76294 69809 03846 87790 68609 37146
52640 27086 92524 28397 76423 90291 87434 76444 17930 42356
43279 87401 24077 28186 53955 97119 66626 45745 02432 67258
51581 14619 16214 58703 60726 39638 15533 41714 08544 39387
80121 53218 28327 60870 30562 74373 36860 13318 09532 25368
30573 74594 00485 59716 27799 44230 21690 20022 68377 05776
28196 53689 31182 84582 49499 34918 000 000

14493/13393/12193 kHz, 03-06, 2110/2130/2150 UTC

431 431 431 1 1065 93 1065 93
37703 39968 25231 32964 24798 81027 27974 47601 62812 56510
21643 91365 71585 56020 99454 57135 97857 11947 48790 41212
80230 21481 83271 96502 49117 51376 46006 74634 27813 90691
79876 07664 10252 91782 40755 28190 32419 08493 54407 46522
61725 90794 84735 07983 96596 99102 75852 76073 04819 07277
93929 62772 23100 64530 46598 74119 20960 97010 58042 74472
76368 80849 85154 07656 07971 28380 49687 41835 62256 90544
45874 52799 87652 82107 96165 98945 45665 77926 65740 90012
79610 32320 52765 81234 09169 62201 95926 05651 76281 84653
07412 83589 73688 000 000

11144/10544/9344 kHz, 04-06/05-06, 2100/2120/2140 UTC

153 153 153 1 289 134 289 134
62938 78948 28818 15212 29733 76513 49373 34979 25579 49171
10344 39496 53682 89081 78416 57775 96282 44079 97567 72405
35999 63026 00195 59440 50051 15477 55034 38147 22178 28793
86028 02504 68333 47963 75215 73623 87977 87171 68984 53280
54972 35409 78855 74745 75194 76737 33269 23820 90532 99243
48201 36480 71475 88038 54929 68314 40696 05794 10855 87867
13561 26845 04157 05765 94568 08875 27016 33264 16826 60777
13431 60201 95663 71787 53308 88226 81254 39771 48831 52149
91241 61642 97338 40813 40601 00723 92836 46366 17519 59109
62583 97010 09149 48375 70746 25929 23078 41769 84568 96747
03546 76358 50463 02723 57740 29738 25393 49880 42655 70551
99064 76729 00920 60442 47949 40178 89923 46425 18556 02679
54497 46499 07364 61911 43719 41326 36826 65057 57258 89340
77281 56811 81373 78922 000 000

13892/13392/11592 kHz, 07-06, 2000/2020/2040 UTC

119 119 119 1 1593 79 1593 79
74129 06110 35029 01844 90529 70095 50171 50021 72267 24703
51500 10823 32676 14964 43727 79812 65915 67995 86762 11596
66655 21388 64457 70927 20522 54345 58632 50790 43329 92154
89527 61405 29012 52512 99224 89455 35399 19375 13017 07104
20046 26203 35438 52336 24948 74150 17523 90466 55594 15977
22079 03046 81331 37563 73897 37435 01652 57034 57053 95788
27246 67998 22667 50331 77307 24444 16528 61054 67389 14688
98032 76414 10743 97260 91296 22753 83826 51912 95079 000 000

14581/13481/12181 kHz, 08-06, 0700/0720/0740 UTC

541 541 541 1 198 98 198 98
23111 87648 38646 79825 69048 58062 99508 72908 31363 46161 25256
07135 68721 40006 19500 80638 25963 05696 72523 69028 53790 36435
39060 99126 58599 70152 70630 26303 22325 48786 84735 61575 51693
31757 45287 59938 98682 85985 78285 03191 35441 95105 45206 81446
95990 44589 93205 76747 22177 51040 35757 81517 87854 25617 62742
94792 19171 64178 92947 81773 07199 25175 46100 46477 63834 09444
48300 79871 88729 32470 99306 98662 24774 13766 67462 16903 26650
24298 33333 76740 91682 67086 56973 93352 37702 23169 79557 30291
63660 81251 00629 73566 27686 15077 99773 36561 76409 46641 000 000

14926/14426/13426 kHz, 09-06/13-06, 1600/1620/1640 UTC

944 944 944 1 517 51 517 51
95591 59898 17136 70656 55344 20832 09580 14127 79462 86714
04276 43450 14652 26566 71437 30775 71627 03376 37234 32497
01410 99989 55837 05387 37191 10015 80961 42088 37441 47342
43706 74006 25941 74814 08711 89263 89511 38297 51051 23299
01396 76399 34739 57166 73773 55264 06559 27426 79076 67484
17539 000 000

12162/11566/10711 kHz, 09-06, 1710/1730/1750 UTC

546 546 546 1 3528 106 3528 106
57350 11168 42874 81785 51424 29537 09799 52631 14506 32117
25907 33017 25797 54888 55463 16350 08465 59625 21559 67521
84221 61276 79507 40131 68526 40876 30142 65159 46968 35485
56205 08067 52502 68181 89647 99833 86921 78092 75573 11842
43676 60735 00628 93394 88263 33815 80318 49155 71631 78393
87904 61042 21587 96434 01836 61946 40977 01372 39732 55851
14953 69537 42577 22706 82600 04510 13325 01441 16908 03059
37793 87842 24336 08227 18395 22629 74927 36496 22018 72648
20788 43741 51545 74152 44354 88207 96147 66132 98080 16551
31013 77139 61661 99269 12733 54553 12794 85009 95735 81361
15859 03788 31608 33722 49160 65374 000 000

12162/11566/10711 kHz, 10-06, 1700/1720/1740 UTC

546 546 546 1 1667 108 1667 108
63233 87952 24653 34255 57944 21761 08915 90838 28108 72386
00528 84780 79231 45594 25862 76857 07900 02726 52931 35894
26344 52801 25210 99221 15238 95559 17914 34565 74613 00721
33582 44054 97319 45177 54563 70198 97235 82180 93916 00529
48056 87844 33174 14051 24278 15303 75904 07766 03646 52164
59016 96365 33807 83034 47480 97802 83768 74834 43013 65568
21820 85207 18346 96120 35780 06243 32120 65459 12762 50644
03354 64929 22773 96149 42639 18064 90803 08573 25267 84023
99140 87963 83379 14743 00307 89051 67835 08394 28945 82465
37692 86071 87456 05029 31790 11859 65397 81816 47586 54474
22162 29780 77585 23477 96965 55925 96116 44775 000 000

12162/11566/10711 kHz, 10-06, 1800/1820/1840 UTC

546 546 546 1 5181 104 5181 104
21117 22907 28580 08463 41478 75285 15086 00274 74312 69876
11275 15430 70156 67629 96715 07241 77423 93335 36977 73855
83577 54014 44912 95917 34375 36948 78792 41748 43180 97757
23681 40823 85536 57988 88432 03466 58476 32878 43419 97725
27979 39351 16167 91873 38193 43343 25203 89682 48266 81839
89083 36934 06828 63129 04959 45525 34955 34380 29341 79070
40638 39498 70671 66375 10217 00541 45821 37661 30303 13635
06219 37558 25083 12457 80751 17285 64281 83628 52078 99461
99056 98698 64601 81175 85172 50072 12576 73721 06642 05050
87712 47320 95976 38934 44954 28651 00464 90441 90411 26978
16615 37160 51710 93232 000 000

13892/13392/11592 kHz, 10-06, 2000/2020/2040 UTC

119 119 119 1 1593 79 1593 79
74129 06110 35029 01844 90529 70095 50171 50021 72267 24703
51500 10823 32676 14964 43727 79812 65915 67995 86762 11596
66655 21388 64457 70927 20522 54345 58632 50790 43329 92154
89527 61405 29012 52512 99224 89455 35399 19375 13017 07104
20046 26203 35438 52336 24948 74150 17523 90466 55594 15977
22079 03046 81331 37563 73897 37435 01652 57034 57053 95788
27246 67998 22667 50331 77307 84444 16528 61054 67389 14688
98032 76414 90743 97260 91296 22753 83826 51912 95079 000 000

14377/13461/12114 kHz, 10-06, 2000/2020/2040 UTC

317 317 317 1 8107 102 8107 102
80253 11667 97575 61080 70129 69986 80903 40373 25931 04356
86963 89056 22708 87531 58248 21709 26327 21265 49701 08853
28940 03571 61064 58436 75886 60128 42266 36816 86448 39065
13585 70174 01297 49300 99267 10393 79467 06318 35176 63574
45066 11913 76147 06516 75116 38501 74648 19805 97281 73606
98317 83892 35895 29755 08466 92308 02441 91570 80872 39228
76045 13748 69802 01485 14956 09743 00011 31980 64193 82741
24467 36485 16207 58699 91589 73018 71230 56437 66138 91017
95752 18670 05397 93991 94322 29299 52938 23619 79737 13169
51098 42539 16674 86915 57804 07951 87503 31953 98218 02998
44013 83048 000 000

11144/10544/9344 kHz, 11-06/12-06/18-06/19-06, 2100/2120/2140 UTC

153 153 153 1 7830 152 7830 152
37767 81361 01343 58086 35054 26786 08311 46124 56517 12939
08223 35543 69010 55801 86716 62275 90419 80018 68335 63169
37433 22658 58107 99815 44080 99265 55752 54524 69920 09343
67060 89549 17910 66789 39773 26607 37080 54817 40315 57851
39719 54254 11775 56852 91562 18901 96334 29961 02040 73249
68106 89833 41628 75023 22251 41645 70594 93184 96072 75705
33917 56586 75851 68339 80680 09318 68857 82089 85037 47092
09036 25358 34075 21518 75008 49448 04238 02735 21923 24504
27858 67242 76893 58700 28676 57908 21280 12226 28557 01046
21384 23788 62898 58801 90445 05485 47223 41747 22997 64535
51123 01497 30193 81648 59321 87478 39256 57765 97127 14267
50916 39718 76482 37469 95013 74711 26318 55728 11138 55931
47404 95102 31380 74817 43706 41019 25515 04351 02348 75293
76271 80676 30325 61704 50002 47378 90522 19561 75594 47513
45136 55813 16979 03357 53176 07945 48632 50302 69543 08625
13170 19617 000 000

14493/13393/12193 kHz, 14-06/17-06, 2110/2130/2150 UTC

431 431 431 1 6980 77 6980 77
39733 61093 97701 95778 76682 15392 39998 52219 11182 71360
35269 84276 71544 40537 88432 76975 14453 43539 03032 46501
86076 46006 58847 33054 68923 57642 29951 49221 42807 14676
10483 71184 45724 58547 56046 69638 22132 76107 11282 97602
76206 97126 52744 35744 54534 89939 73958 36533 10258 58310
02126 41088 01764 08179 37914 79918 33606 25195 93220 12069
77271 37315 67158 09583 15549 38557 42585 70357 14502 01758
29393 57918 78031 89189 94103 92194 45927 000 000

9317/10484/11552 kHz, 15-05, 0530/0550/0610 UTC

135 135 135 1 6128 112 6128 112
25630 33210 40431 83478 83999 60521 34545 99056 75114 38346
26109 85734 27007 94972 83810 31845 76158 73546 32613 95145
98517 97096 77286 56410 58408 66770 79486 91989 93689 69857
30049 04430 20388 73317 46620 22611 78197 79996 56676 99792
35783 74737 87323 48411 73452 89950 24697 11369 32617 72442
15674 00164 74124 40441 25818 56274 55439 67956 19712 80373
68939 57588 37419 10837 61970 37690 53538 66133 92063 35510
71096 49136 80583 02022 58598 41246 82492 33663 74865 86132
04395 95112 36768 65659 76384 00839 79915 38533 72440 17189
20635 41455 87715 36504 70211 41983 28037 63551 14085 04396
42132 28420 32612 96448 01992 20400 08019 07604 89257 98855
40806 22100 000 000

14581/13481/12181 kHz, 15-06/17-07, 0700/0720/0740 UTC

541 541 541 1 6906 104 6906 104
36909 85948 41893 35061 02559 66050 49812 63555 44713 17280
11341 10318 16811 49692 07241 30359 97077 86682 22318 48415
96891 03772 52043 14273 45248 29419 95154 12915 15003 97534
06945 67900 95227 66164 29738 41547 02661 53907 28945 38743
03373 72847 04781 65350 72021 32906 51541 59059 89821 59411
94923 21083 43343 37058 58934 35604 94870 16752 52587 14484
17313 83342 58370 08176 13568 68402 53516 19190 93556 20379
99778 58753 02130 62347 58605 72131 55358 54662 20009 52896
92818 44134 77722 58432 30530 49491 54107 34507 91317 68634
04697 63857 84826 46054 54179 38893 16922 95570 75077 13877
01262 95468 29166 41392 000 000

12162/11566/10711 kHz, 16-06, 1710/1730/1750 UTC

546 546 546 1 4100 107 4100 107
99182 62785 10532 82875 40009 57343 42562 47170 97884 43615
52308 18087 88340 94808 10075 79255 21288 29481 56201 04474
94534 41550 16535 74458 09093 58055 35405 75844 13970 91854
39894 94699 51007 61488 17006 70293 39501 36465 29958 02993
76072 69726 91765 65984 96735 28526 40355 69875 38295 02292
43154 09610 74562 98108 67130 14875 05592 19814 72677 92575
20205 61753 60860 18641 00050 41450 89023 93435 91278 63076
06165 19601 57144 70630 74391 87274 00690 18461 97419 10821
66768 63146 47950 40132 86911 00190 78957 43004 86997 27814
08492 96658 51249 57486 10094 26038 31049 94027 76528 73502
53043 07559 36265 41849 17108 54816 91912 000 000

10223/9323/8023 kHz, 16-06/19-06, 2210/2230/2250 UTC

239 239 239 1 186 74 186 74
59149 29603 02321 11385 35980 66858 37027 69438 27516 54572
64246 37863 78422 60036 84434 11184 84774 48598 36132 68657
55009 69072 45048 92376 22738 77659 32424 40913 58924 32881
21495 96346 47852 67119 84920 15373 17793 93546 34306 22221
79827 71675 11883 42103 46001 52547 29211 80562 18990 01281
33459 44136 96391 27922 57298 58175 71938 14217 88090 91884
37771 63721 03349 68056 16237 00443 51877 88326 41911 87584
74346 58237 24755 68763 000 000

12162/11566/10711 kHz, 17-06, 1700/1720/1740 UTC

546 546 546 1 6137 109 6137 109
49759 70885 09372 31009 87532 61735 34638 19079 07336 78478
81807 73332 63531 52091 40308 13265 86956 26560 85743 72011
47464 87725 30673 93069 86482 82870 92050 12308 49307 79014
42423 82536 59026 19161 69984 93415 91725 68822 96032 59135
87497 52573 58487 31739 20932 09568 91057 17850 43087 12268
41442 78067 66993 37805 62164 90051 86974 87629 37284 83144
33102 19893 67448 97145 50502 80326 68617 45852 88793 52794
12788 37073 16626 81274 38617 73677 62375 41724 74021 22424
49050 26511 91206 82972 63026 97394 48323 62862 75614 61053
93798 19781 42566 17970 64344 07880 77865 10341 65947 59943
81246 59357 41974 64914 03553 04869 17342 55390 17877 000 000

12162/11566/10711 kHz, 17-06, 1800/1820/1840 UTC

546 546 546 1 4990 108 4990 108
89523 81226 30387 78581 67981 76034 60810 79070 66817 33889
16018 00705 11989 32279 78785 99718 38143 99630 72919 57013
01091 38268 13521 39450 45971 58699 28577 27139 06949 37795
52519 52375 42366 27749 58159 75488 71634 03382 94475 82386
50399 70922 97497 35026 84910 13300 42612 77737 93063 19491
22127 11198 37917 61270 58656 43288 18488 21430 66743 24986
07795 45653 88217 42035 57863 91114 04428 41424 64902 83578
93530 38056 24402 44032 37899 07845 55325 68015 60961 10988
43245 15649 50601 70146 53876 28177 08060 11974 12529 64844
18412 05472 23878 69099 41405 37580 80735 23830 67151 73832
64859 04469 29663 26426 31692 79897 99254 41144 000 000

14377/13461/12114 kHz, 17-06, 2000/2020/2040 UTC

317 317 317 1 2871 109 2871 109
68564 86615 37812 12002 24413 64664 28192 11704 89428 29682
00775 24327 49972 45881 05953 30121 67833 21439 68420 80704
70762 50232 23010 71530 30584 11655 23083 59117 18017 37213
74391 65920 44689 92285 70469 40310 48428 70166 90803 72217
14465 60607 62716 69401 91615 71422 18249 94771 73080 72737
78197 98217 56385 89317 11694 60707 54054 36360 01595 19232
89565 61251 81242 15841 16616 05732 78388 58308 23751 99164
51710 12494 04823 07356 21769 88197 14096 60287 33457 85511
16501 33122 30423 53957 95483 97280 23085 58073 39963 28112
45032 61772 60319 00678 63124 05840 06156 72658 31256 25873
22425 13792 13271 09751 73085 40652 46007 81805 35737 000 0000

7857/9157/10457 kHz, 18-06, 0030/0050/0110 UTC

814 814 814 1 328 72 328 72
51966 97256 71929 94207 19925 85087 33904 40971 65773 10316
73474 55530 53588 96236 48827 76255 16951 56683 54556 16345
79195 88432 08407 40632 06637 66347 57662 23481 64274 86101
72450 81051 10356 09643 81439 77700 74320 27942 44750 57348
93295 74825 95990 45408 50014 36649 56608 93959 71704 28231
41125 44449 54028 96153 61423 35292 91980 57592 11881 77646
08461 73068 70882 51348 86432 35855 60963 33778 10143 33128
71563 69874 000 000

13892/13392/11592 kHz, 21-06/24-06, 2000/2020/2040 UTC

119 119 119 1 1560 93 1560 93
83697 54285 49279 29459 57206 62396 57040 70651 91307 74055
81354 77756 35892 70244 69831 05081 29242 09041 82294 41463
66258 23780 16036 09288 89535 85378 10532 48187 68734 75749
60764 40648 50629 49717 65707 10442 98674 79766 81995 62819
84643 64547 57771 71535 13255 83874 08908 21680 48852 32810
73237 39718 97136 53515 21676 95185 08298 15726 76466 13851
96092 93533 79075 54142 95377 48960 56330 70057 04013 27057
70432 51753 53760 94951 79758 16444 97586 38837 05107 81199
19947 90128 03384 22963 74547 98314 37491 09572 02877 66732
88834 26345 85934 000 000

9317/10484/11552 kHz, 22-05, 0530/0550/0610 UTC

135 135 135 1 1486 112 1486 112
38078 50335 40685 81865 65822 06619 23693 93328 60960 96805
94381 79757 93143 13756 48689 65212 37650 79875 95749 28529
69330 07595 27534 17545 25096 90286 70926 44249 04812 29407
43076 09371 05628 17369 75055 86864 96201 39255 50539 47631
46700 92518 40722 33504 24713 70750 00559 28102 14161 53205
12599 99563 85908 35120 51583 73008 47709 85560 32463 54087
91000 97661 68589 18819 89526 27847 22139 27600 18943 47672
76989 96737 18198 36297 31808 90082 51129 63339 50338 27069
74709 67899 96811 07992 03891 38426 29384 13033 84349 91117
47039 45796 72637 02960 67663 59401 16241 48990 56165 58069
61510 71404 41774 09112 12064 05907 79704 01133 34945 49425
66847 41870 000 000

14581/13481/12181 kHz, 22-06/24-06, 0700/0720/0740 UTC

541 541 541 1 9058 106 9058 106
90005 61689 30819 51613 26142 04198 41013 28881 76637 53267
10734 61241 26157 21507 72639 75935 26381 63149 45817 90958
47511 19694 75058 21775 48371 80532 72530 07548 30579 30948
38402 27775 34682 65343 68308 62664 09777 97646 86694 89144
42140 05767 03894 48213 22450 91954 06472 65877 94163 62163
14442 21779 63922 13786 58798 87002 62488 88588 88777 21898
16557 76714 90911 66629 84824 41851 17414 99626 90730 33848
79442 33764 47474 69709 18482 30407 38614 72722 23510 78601
25285 30055 67448 65663 55222 48680 45144 11317 29957 51878
08387 10891 65176 28932 70819 92806 21918 62574 74167 29919
15683 60805 81544 89005 64447 87066 000 000

14926/14426/13426 kHz, 23-06/27-06, 1600/1620/1640 UTC

944 944 944 1 4400 67 4400 67
31742 20142 99424 90276 65184 72571 15485 18096 30123 42273
60920 40148 85164 90083 46116 99262 60613 83081 12323 41153
91809 38265 15001 28215 48692 30361 26577 95289 16502 00470
26328 20230 57041 54392 07195 76671 79482 00328 73286 27002
32183 24382 20159 71975 08922 79065 48749 60694 02069 33020
43629 81585 21470 35107 04795 95175 03810 21452 50419 64819
63398 43982 49282 61153 47231 73348 47074 000 000

12162/11566/10711 kHz, 23-06, 1710/1730/1750 UTC

546 546 546 1 9280 104 9280 104
98573 32790 47725 55973 76033 49321 07439 73021 74477 14542
67563 38148 38479 72327 24756 21261 94904 31706 92637 89789
81369 10900 25429 99436 54368 08387 24363 81202 22793 37337
95314 47689 36027 82890 86303 26324 25008 60228 04419 61525
19429 22381 73446 76030 79509 42207 11162 31706 46401 79942
91117 13335 90300 62712 69976 15592 42788 09990 07456 33304
42715 91356 67401 62420 62811 85312 72548 15628 86424 33349
18198 13696 48238 32929 16142 08568 51911 81556 78663 93140
13147 47678 38011 28019 26461 20502 67157 20547 14872 98541
13948 49524 31641 56439 23647 87632 45091 38672 25293 97367
24159 87469 72290 000 000

10223/9323/8023 kHz, 23-06/26-06, 2210/2230/2250 UTC

239 239 239 1 3200 46 3200 46
58059 83506 20031 37987 46764 29856 65546 61175 38489 41178
69878 17029 21613 78122 31741 00933 22493 64537 15323 01739
36841 93047 90304 37848 29700 08630 35759 04195 77178 44905
04453 60527 76276 36778 28622 16499 19317 46506 60188 43970
82514 12451 57625 55487 99612 37317 000 000

13386/12189/11491 kHz, 24-06, 1110/1130/1150 UTC

725 725 725 1 5488 96 5488 96
05290 80322 26904 24985 58221 33252 42550 04276 33553 25770
30790 13077 48898 91304 82111 13689 76448 35548 74502 55573
01731 18588 86179 83314 45817 47195 68948 58136 50659 02703
11329 43567 46532 97784 02059 49226 19164 45753 22552 84339
35863 81835 50396 45987 40141 77430 96823 60425 36308 19697
25455 23445 16525 91159 40634 76160 81557 31370 26074 61048
97092 29117 62737 90951 88447 70998 55670 00635 40194 09794
52530 03625 20121 05927 94696 76407 82952 39360 64473 48983
49415 06563 49656 90608 12320 40862 87562 98701 63636 78914
32902 25110 08934 63926 02681 75963 000 000

12162/11566/10711 kHz, 24-06, 1700/1720/1740 UTC

546 546 546 1 2999 112 2999 112
76901 51915 34408 87392 14849 55860 44410 22578 58749 28284
31037 28416 03301 90295 61607 26357 73927 33047 37418 25730
25327 14064 64948 63037 59812 96524 79044 29755 83491 97021
94455 36208 58727 73596 76578 14992 15315 25591 57670 06214
62164 29663 87286 95665 17670 99868 51856 94762 28853 85801
49552 85455 21077 68616 48943 38032 31743 66228 30119 08086
99646 69129 95021 14541 05332 46842 57172 44277 65038 89998
62676 35222 91604 13307 61764 45044 47865 21408 92057 59097
46922 45031 85877 22941 09318 41199 55079 87541 71180 34284
29677 43747 33035 24078 57524 88414 08346 69395 50067 30737
93499 53328 69607 59679 31123 56940 81045 73451 36009 63082
44033 82264 000 000

12162/11566/10711 kHz, 24-06, 1800/1820/1840 UTC

546 546 546 1 3895 113 3895 113
10386 18702 70632 00292 03249 90034 04103 75908 21577 88986
32548 88897 08362 39695 41100 97560 01171 79615 96928 37954
82931 11439 02286 96655 42445 71826 18912 81859 64314 63169
70490 57574 02278 23157 78158 99399 30229 03906 16009 31522
32581 89810 53570 99887 83096 08065 84076 15310 15891 71299
31754 01610 08162 13819 46886 34189 95071 67536 98109 23279
43194 73880 50821 58445 47540 54884 01385 63023 38702 90994
38724 68699 34030 46974 17211 60241 55841 13148 87139 97315
21152 65607 55283 86628 14585 46922 86188 43314 67163 34290
21124 75298 96389 93499 52473 43852 93919 74930 81425 93273
00395 06490 37668 60181 44081 37123 00122 90068 00036 15749
31459 50481 24259 000 000

14377/13461/12114 kHz, 24-06, 2000/2020/2040 UTC

317 317 317 1 2101 103 2101 103
28168 04126 34381 05697 62411 67010 95652 54097 45373 29544
43766 94951 34027 78766 55723 09679 72575 68093 04483 05006
41988 96535 97263 18261 98836 10882 58614 53786 93633 32842
12497 63517 97600 00017 81401 61592 91451 34738 27517 26622
21764 98471 58688 72186 63725 06238 04260 74711 59923 30639
94756 84413 35919 06080 25961 64481 09939 56692 30688 98013
70837 45049 40592 46706 39066 28182 74253 00554 96297 34753
32059 89275 53212 97952 30256 77082 71649 64665 08808 53078
54120 28492 09447 47725 51392 51160 36796 30346 79745 13434
86822 40204 07888 36474 43257 64940 17822 68071 28395 01851
49699 44246 00793 000 000

11144/10544/9344 kHz, 25-06/26-06, 2100/2120/2140 UTC

153 153 153 1 366 92 366 92
46481 91068 11787 02007 47367 14200 69961 03308 21714 04128
90652 65795 66029 03332 92880 84821 18214 27197 79468 93024
43835 54276 15934 29677 15530 88631 82031 62059 90307 20415
69854 28380 40856 29340 72795 39632 48547 19708 25220 48569
66444 83986 57160 93860 78108 20480 78827 44026 57370 70710
76301 65349 45768 87494 60405 47778 37146 65276 85559 68538
33414 92063 32998 86869 24459 35135 99169 83915 71095 69413
79768 69744 12522 57290 88902 06164 57111 70378 74277 86783
41642 33318 46499 08590 60330 63133 31490 47549 31804 24131
08536 38547 000 000

14377/13461/12114 kHz, 28-06, 1130/1150/1210 UTC

317 317 317 1 972 80 972 80
49481 44408 84494 63280 81628 39091 57475 93059 04465 13997
07402 88020 00277 34458 23175 22737 40391 45597 32095 32149
42427 13964 64271 97778 00588 84299 56177 23239 93485 84387
28844 25335 69068 03994 40699 24539 39270 31178 84053 59005
72377 12495 44345 55247 18030 14076 02795 49003 90587 38423
44086 41558 29447 85217 34466 78562 24381 56397 29411 00892
21402 54413 58815 85439 83831 43477 85584 03695 75781 76911
61420 57573 33063 33009 63159 93374 10446 12653 13485 18062
000 000

14493/13393/12193 kHz, 28-06, 2110/2130/2150 UTC

431 431 431 1 673 97 673 97
41622 02286 83797 33007 00567 28051 79222 06098 62747 33492
26057 30883 63654 45286 53573 38537 29168 75510 43999 42225
63334 04212 87924 75893 28489 25881 90302 12625 35390 36690
53252 70780 12153 38702 55535 09769 50394 63912 78090 80212
73216 84119 78246 82643 75212 58518 65133 34375 44951 58488
79792 76212 39807 74361 36115 77476 79338 43331 65474 57287
18655 89100 65217 64180 92143 70341 82195 38652 23349 13376
46655 87579 31251 47438 60542 89040 91528 73283 02370 12789
92514 53297 79011 72961 94883 75869 83384 03665 41707 46114
27897 21702 71872 11522 04654 83849 15454 000 000

7857/9157/10457 kHz, 29-06, 0030/0050/0110 UTC

814 814 814 1 3786 91 3786 91
40921 80915 62984 29664 91908 41078 21540 98517 62235 05400
65810 60560 75527 54044 44158 72561 86795 93364 02850 91901
79594 42091 46274 44720 60882 07414 99533 67877 07842 06307
65573 71265 37728 66131 70197 29535 32186 88854 27784 70451
78033 38178 44511 74000 89991 99502 77859 32066 23312 21189
53720 97349 19209 55619 13169 03433 59702 28165 61071 23136
81733 86911 32859 02747 38868 40641 37076 17658 04827 21164
95494 44944 34858 87175 79285 81590 65077 47717 00671 18734
81697 16315 22874 34438 83200 63074 76570 50700 96437 47111
87862 000 000

9317/10484/11552 kHz, 29-05, 0530/0550/0610 UTC

135 135 135 1 1051 113 1051 113
04669 05436 80896 84594 07705 48871 11658 19352 03895 35167
83661 57876 43346 57511 87655 84317 94896 25620 16298 19588
82478 91028 09554 68073 20381 78159 02451 28604 25562 73474
77921 44713 36852 78901 04017 80985 80730 72251 79257 00970
09920 92386 82703 80677 73844 98277 94564 04563 79080 68659
49158 19006 65259 77170 00466 11744 01701 26120 74817 91874
04792 99225 30033 39457 47551 07136 08263 20479 38295 80825
28389 78423 23303 37989 47615 54491 09304 24824 37418 70509
03204 95684 93097 77729 04537 88138 82559 25507 79858 79741
69510 82292 71980 44444 56621 52263 76363 29278 43970 17074
69011 42625 16702 70225 01166 28483 47476 49634 65659 51948
11927 19400 68102 000 000

12162/11566/10711 kHz, 30-06, 1710/1730/1750 UTC

546 546 546 1 7115 105 7115 105
20683 51614 78799 55576 25683 97661 13588 84700 31952 59381
87507 68018 91758 70505 29023 57252 33094 04277 63059 79586
26003 37773 53287 43548 40535 24146 52001 96366 65949 04941
71932 81332 98424 55615 02217 02998 99124 74848 56855 61354
12284 08543 82856 41263 62281 82537 03042 41493 08308 13408
17247 14743 72571 38779 30226 03682 75482 86744 79297 40094
14297 97290 67880 30113 07711 69939 18075 33118 23907 18606
05423 12543 72371 67889 03395 30605 32444 65642 71710 25028
50416 33998 75461 29157 84782 59571 57102 76373 65264 04524
48241 53358 53203 01182 25289 30084 60798 14245 57502 69860
46181 20922 92427 79690 86281 000 000

M14

PACIFIC REPORT

12211/10243 kHz, 01-06, 0500/0520 UTC

952 807 807 57 57 = =
02035 82559 82875 94637 37866 68685 84205 33974 93989 26505
39205 38005 56849 42112 82758 78187 43950 79187 29009 78924
20754 57193 31073 59877 30938 96453 75221 50623 88486 72328
40477 32380 05023 45651 19553 86455 50844 61621 82075 54137
73071 34346 66042 37678 19382 59214 08422 97099 40733 20283
50866 22472 71531 84878 81450 86374 10685
= = 807 807 57 57 00000

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

952 316 316 52 52 = =
82504 00550 39629 80405 41670 12377 00169 97045 29245 45453
08237 84317 67744 86045 38702 09215 30391 66564 60036 21210
75079 04083 70667 52740 40527 49891 90494 95565 21838 36021
37277 01447 67636 29688 42569 80577 65972 31571 86898 96204
11189 78888 58860 78884 68928 39185 67835 08798 81474 05786
65003 39572
= = 316 316 52 52 00000

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

952 704 704 63 63 = =
34890 35879 67845 77067 66532 37676 72786 71675 39762 58190
14275 09152 54563 55522 48706 75942 40501 39191 07158 19798
73123 45892 42896 31042 99048 58697 96161 10269 93188 86910
62180 52146 96537 48752 73340 00027 07959 24063 31455 51041
28418 69214 51071 16374 81096 11413 99743 66396 55817 64590
46226 15355 51224 34058 52501 25293 13160 02124 70605 33905
92662 11846 30169
= = 704 704 63 63 00000

12211/10243 kHz, 04-06, 0500/0520 UTC

952 813 813 53 53 = =
65020 69367 35380 19776 03073 99500 73199 83587 90539 53011
92223 89091 35104 86740 43823 03951 04154 58014 91560 05623
58199 10480 34111 64706 11345 95190 04452 09633 98486 25384
37504 33639 53953 88395 23424 29969 31245 63125 88729 66232
18580 16523 72431 33860 29930 77501 89393 33600 76228 11742
98065 82975 46444
= = 814 813 53 53 00000

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

952 764 764 53 53 = =
64717 87588 80906 73178 42377 49662 28022 31852 48003 22957
39746 13901 61219 33105 56815 60870 54087 37070 22324 54618
42810 25412 11800 61427 77031 12539 03215 75818 27673 19635
10376 80263 59242 79953 28139 69981 97550 21159 62868 88997
28778 04407 46588 04669 90828 24852 58270 02841 42901 03268
00682 66855 24223
= = 764 764 53 53 00000

12211/10243 kHz, 08-06, 0500/0520 UTC

952 803 803 69 69 = =
44961 24577 28113 62637 92381 16086 81426 26727 93685 93185
51361 56287 29496 55151 90121 66518 21689 15739 63333 44802
78435 47121 63487 86678 17849 16901 88722 58492 24943 91614
54116 22626 21564 05184 27695 86272 54013 15748 08331 59686
28023 99306 87722 34834 45788 53625 63647 20401 24732 10820
96666 94079 02704 82082 27484 58078 59283 82966 97120 08798
07892 12679 37126 56597 38385 85806 21987 56599 14829
= = 803 803 69 69 00000

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

952 176 176 55 55 = =
07104 40636 37577 68023 70668 69480 84080 47802 85066 14979
59089 60310 34448 93653 99087 32382 50034 21840 61897 08865
09746 32574 04870 12328 80507 05864 29971 37246 32912 60771
37952 89594 82943 82747 58786 07788 40427 84667 50563 25910
68913 24981 84032 65157 86672 31444 54971 64453 63490 03840
91578 86153 92953 94154 49071
= = 176 176 55 55 00000

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

952 348 348 52 52 = =
92258 60319 53905 06044 01762 50443 44025 86467 14622 76551
24144 37590 36064 78816 40315 90628 01930 10239 01561 85790
63721 55660 43686 35087 21417 89545 86940 54384 02460 64721
48459 69375 10392 49259 95433 25170 91544 53693 49938 54187
93232 15752 81354 82027 11897 34803 47337 76031 54621 73187
69239 66191
= = 348 348 52 52 00000

12211/10243 kHz, 11-06, 0500/0520 UTC

952 710 710 58 58 = =
55091 34466 83447 42241 97363 62359 77332 42646 48718 37940
10142 85404 77055 57340 20607 29573 79688 92253 67866 49153
93101 32493 12962 84277 67646 53235 23855 10082 30627 24179
89921 52926 86194 02770 56867 08684 25495 78704 17971 42751
45515 61885 22629 76497 00048 31026 88112 89821 31235 31235
85085 85085 25498 25498 94507 94507 55102 55102 64718 64718
15673 15673 58073 58073 99545 99545 35940 35940
= = 710 710 58 58 00000

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

952 364 364 52 52 = =
10647 26523 12458 92616 59321 14917 90766 21996 76173 52751
66850 32194 52124 37673 19158 41497 83852 54321 52105 53114
68050 64356 39992 43506 86794 52064 48751 39864 38717 98955
02712 22696 95662 85814 88572 14438 89524 45615 13771 40051
58942 15771 61435 70515 10550 63121 09100 85178 74464 80119
03383 13891
= = 364 364 52 52 00000

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

952 780 780 59 59 = =
08836 69717 10490 97060 72995 40643 06679 40397 74584 37861
62855 90380 63265 41396 12720 58359 85016 02306 92388 04091
09493 98235 11945 62244 06316 33612 50136 84637 99970 32898
14401 09122 58014 00347 33417 91072 92259 44712 74355 58412
77644 92320 02031 76105 18463 36971 22131 31066 16639 00084
75719 73409 21750 99542 77191 74993 67471 50667 12879
= = 780 780 59 59 00000

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

952 163 163 52 52 = =
13668 33218 19778 52162 16675 99282 72030 72673 87249 76126
96545 83889 97373 26285 90018 97154 43107 01415 46520 19206
40045 64325 76418 65030 56359 26975 70642 70435 44393 01655
28823 21504 56715 29923 97253 43145 57589 73705 93599 13904
65789 32122 14708 99231 89701 30745 51634 20402 40648 23967
60246 01257
= = 163 163 52 52 00000

12211/10243 kHz, 18-06, 0500/0520 UTC

952 408 408 67 67 = =
89628 10881 67546 89852 55958 82824 41160 89404 21190 96635
99935 89205 36429 87104 89187 47636 27634 29321 85807 31366
14173 25171 99485 65182 76681 36404 06830 46354 47685 31487
54338 03255 23410 38398 91160 02892 20221 20578 17574 37061
24128 18203 60127 41799 06793 21987 09378 29825 06484 71685
81160 40650 97405 96491 87341 38065 95840 39520 26967 09664
76555 33560 33772 48114 97887 20275 40964
= = 408 408 67 67 00000

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

952 173 173 61 61 = =
59656 20414 32419 01308 54072 04438 38715 96011 05327 57480
28312 68547 03949 96228 79830 62972 99986 94728 57517 45617
25562 90896 12560 55398 65169 31807 78244 23366 72183 49924
19898 66180 54979 87489 25563 83201 81126 11238 48318 11875
73089 84630 36210 21113 93860 89798 10709 47348 45981 16380
79644 02945 32376 59435 95549 11676 52437 93640 95348 50918
76531
= = 173 173 61 61 00000

12211/10243 kHz, 22-06, 0500/0520 UTC

952 468 468 51 51 = =
66574 84494 97140 30898 53788 71226 60582 79344 63842 18709
74578 84860 32299 81288 68542 57971 04043 19692 02634 57060
33960 98168 22192 04309 85367 70393 56021 20867 24640 46335
19464 85955 35457 57260 08190 49582 01125 61079 93651 53549
28395 55200 56131 40464 11231 89100 16332 55413 57947 93786
51431
= = 468 468 51 51 00000

12211/10243 kHz, 23-06, 0502/0521 UTC. Late starts

952 707 707 59 59 = =
86192 90911 01885 48060 32588 33956 11784 67723 65619 92113
64770 29478 87608 15033 71946 78165 44683 15266 87459 16437
84382 79595 58867 25309 03066 20294 77197 83248 84635 89768
43918 69726 62176 07021 96973 64193 56539 69355 63101 76388
71678 47787 28604 68948 51407 89574 45760 58223 27363 76317
17074 04268 12185 11059 24540 25917 19669 32834 96117
= = 707 707 59 59 00000

12211/10243 kHz, 24-06, 0500/0520 UTC

952 163 163 61 61 = =
85863 22217 07258 39560 15318 83989 95159 06981 55542 18588
24889 86095 37342 28164 22807 61715 24792 08154 16458 98394
49816 38968 86785 70259 05088 69195 77867 78430 74899 88731
56354 16985 08720 15305 37812 73392 67108 42804 22138 74355
94685 24873 05245 13001 99836 92180 59215 18358 45843 26836
98082 53053 83129 42359 71458 50177 77306 42663 53169 25233
12708
= = 163 163 61 61 00000

12211/10243 kHz, 25-06, 0500/0520 UTC

952 708 708 51 51 = =
76587 93044 98403 35226 67731 88567 90946 52151 21373 91576
28739 98521 58516 95065 91582 22435 40137 81323 53000 76938
33601 72803 28358 29352 03019 02624 21113 61308 53203 53137
09415 70454 81942 36004 40208 09755 20245 12203 23054 25326
65272 75425 40838 78746 35628 47285 19569 64772 03705 57777
24435
= = 708 708 51 51 00000

12211/10243 kHz, 28-06, 0500/0520 UTC

952 134 134 65 65 = =
14646 19189 29398 21665 32773 80564 22681 83681 38736 79129
06035 86971 57221 28917 77625 37378 67526 51783 48564 74617
64004 73374 91487 58914 08010 76608 76730 95630 69786 04872
57038 02571 83736 32104 86749 49645 65504 41965 86389 25590
64311 83276 88612 11421 48987 93913 26427 65319 51128 10349
49642 48621 13821 05018 80483 47617 19370 18719 44293 70834
94468 80203 36276 26495 16246
134 134 65 65 00000

12211/10243 kHz, 29-06, 0500/0520 UTC

952 860 860 61 61 = =
23145 26172 52943 88454 16709 48507 70298 69170 17621 77899
32359 09539 42746 84693 95890 93661 88940 09877 24404 06936
97420 05702 84996 89024 62378 97494 51155 16616 88517 90098
28703 01902 27204 67373 47074 17720 45920 58208 83116 85289
10705 67473 09592 85488 86264 95349 85576 79594 83460 93471
30944 50443 08832 31331 52114 99933 95867 71367 11261 63813
22699
= = 860 860 61 61 00000

12211/10243 kHz, 30-06, 0500/0520 UTC

952 473 473 52 52 = =
21325 05644 32675 46501 91420 32195 28120 48772 86119 12936
20682 19062 90870 82797 98475 40194 06099 50425 12315 79212
06843 65112 54156 98313 91164 27590 54770 61965 09510 05590
05340 63662 92218 40144 32678 20744 17365 53535 82740 10715
86119 94844 92126 47507 97810 84043 52260 21127 41895 40545
95930 49109
= = 473 473 52 52 00000

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

6421.5 kHz, 05-06, 0829 UTC

=23491901020524
=13491672163129
=991130??8?????
=23491901020510
=23491901020509
=23491901020510
=23491901020510
=23491901020511
=991131??8?????

4171//6421,5 kHz, 06-06, 0705 UTC

=991005??8?????
=23467901970516
=991006??8?????
=991007??8?????
=13467142786806
=23467901970512
=991008??8?????

4171//6421.5 kHz, 06-06, 0705 UTC

=991005??8?????
=23467901970516
=991006??8?????
=991007??8?????
=13467142786806
=23467901970512
=991008??8?????

5052.5 kHz, 06-06, 1313 UTC

=991613??0?????
=991614??0?????
=991615??0?????

4385.5 kHz, 06-06, 1454 UTC

=99?1754?9?????
=99?1756?9?????
=99?1758?9?????

4935 kHz, 08-06, 0744 UTC

=121102 672131744
=... 204401917853

3185 kHz, 10-06, 0616 UTC

=990919??8?????
=990919??8?????
=990920??8?????

6421.5 kHz, 12-06, 1440 UTC

=13806400584738
=13807400589538
=991740??8?????
=13800672061340
=13801672061340
=13802672061340
=991741??8?????
=13803404288240
=13804404288240
=13805404288240
=13806400584540
=13807400584540
=4380038002??00
=4380138012??00
=4380238022??00
=4380338032??00
=4380438042??00
=4380538052??00
=4380638062??00

3185//4969 kHz, 13-06, 0328 UTC

=990628??8?????
=990629??8?????
=990630??8?????

3185//4569 kHz, 13-06, 0328 UTC

=990628??8?????
=990629??8?????
=990630??8?????

3185//4969 kHz, 13-06, 0328 UTC

=990628??8?????
=990629??8?????
=990630??8?????

M51a / M51b

M51b: 3881//6825 kHz, 25-06, 1006 UTC

Non-stop 5-character groups composed of M51a messages.

The spaces between the messages were not transmitted but entered afterwards.

YETSR AUSHQ BWJSU APLMQ BWNH ETSFZ WCQJA UWKQI NDHRT XCWJA
MQKAU 26438 BXHDY ETXCQ WNBHJ EUIKL AMPLI NWXXV SHATD WNQHA
UAYDG XVWBD XNQUJ ZKQLA MPWNH JDUET XVCHD SNWJE SKQJA JAKSB
JAKLO NHDFE 45768 NXHDT WCDGJ NQKAI OLQUA NWJET QFAIJ LOAUJ
KALIU YHDKL NXCDG 35476 BWNQH AYHSK 19065 NCJRT XCSJU IKAOL
NXJDG FTEUS WNQKI ALPMQ ETDFX 46738 NCBXJ QKALO

GFDTE XVWBQ ABNHU EIJLQ AMLIK WNQHZ SJQHS DGRTC XVQJA JUHKD
VCGFY RHQJA KWLQO ZTDFS 35271 WNDGR JQKIL PMAIU 67349 NWJDO
YHDTX XVSFE ZHQA KJQUH NWJFG HRTYU SKLOI MQPAZ BHPAK UJDGC
45270 37658 XVCBD WNQHA JKQLA MPLIK JNDGR VXGQJ HDKRT UJFHV

BCNXH WJQKZ KALMP OIRTD FHCXV 01878 DHNCJ SKRTZ SJWNQ HNGTR
XCWVS QNBHA JQKAL MQLKO PAOQL NCHFG RTDFX WBQJH GBDJX

BHCGF DUEJS QKALP MQLOI RTDHS WVXCD FSGQU JQKAO LQMNJ DBXVF
WNSJQ AUJTG HBCVD 45278 10945 SCXVN QNHJA ZUJDI QKALP MLIKH
UJHNB CGDTE SGQTA ZGWJQ AJQKL 23492 HBCGD XNWQJ SDZOL APMQJ
HGBCV KQLAO UJFGC XVDTR 45378 WBDGY 68642 DHBXJ QNJAK LWNQI
UJDOL IKHBV FGCUR SJNWK QKLAM PLATF RUDGC XVWSH QNBHJ DKJKI
XGDHS WHNDK QKAIU RTDFS XNHJD JKJHG QKLAM LPWOR DFZHW XVCHS
DUJQK YHWH D XCVSH QNBHW 23528 6YERS XCWHQ HNGTR 65473 HSJQK
JQKHN XCDGZ 352// HNCVX SJQUA JQKLP MQJBG RTDFC XVWHQ YHTRF
VXCWD QHAUJ QKALP 45739 HBCGF RTSHQ AIKDG XVWBQ ZYAJK

MJHEU ZOIWG HLODG PQUTB KDFRB ASMNT LXCVC HUDVO SKTNI 58726
BCSWK AS'?. , POFKH SVRYX MZLFW GOUVJ AQDEG CNTHP KLJSG PNYFJ
33948 BXAQJ . ,+/VA PLMME GBYXG JHSRR LMAUR BYDIJ VWAQT ZOUIH
MEGSQ 63591 VAQHS ?.AS,/ AIRFC NTGOK CWSUN SOKAT SMHES OPLFR
BTANS PFIRG 36115 BCZMA /?.' , SICAV HYQWO VHESR OKSBY FKLJS
SMEXR ZZYGT LIMER 22654 ZCZQA , 'VA,AS IMSUY WASPS LUCKY SWAPS
32598 VZAQG ,?., ' MONEP NYDCF LOIUD OPTIO RATES FORWD FUTUR
KIFRC 36541 CZPLO /?VA=' BIDSS GREAT YHTFD VMNSI

MXSKW NCJDA KDOWP BCMJK AZMNS SKWID NXSOQ NXSDF HJCSI 26530
BCHSW . ,='VA BZAHA CXSHA JAQIS NXZKA LDKIW CBSHA ZALOQ BXNSJ
02148 MDYUG ?/. ,AS ZAQIS HXAKQ XMNSA AQPOE CNSHW LDOJF XNWMA
LDKOW 48901 SHWTD /.?' , MVKDL SAHQB XVSHD DJWIF SALOJ NCSJS
QAQSD NNCJE 74302 DRWED ?/.VA' NVBXC NSWPO NDEYJ DJKED AXZVS
NVLRU LDPEJ WRSFU 43269 HGKRO /'AS,? KDWIC SNSJW VZWPO LFMKR
DREGN MCEIS MCKDO AFQTH 01658 GSWPO .+' ,/ NSYWP ASQEZ NXHWY
BXWJK LFPEI CNMWI ZCVQT MVIEW 49635 KFUEI VA.'AS/ VXBAQ KAOWP
BCHWQ CVDBE FKEIS QEAFY CBDFW VFLPE 41203 SPIJG ?/'VA' ZAJSU
VXBHQ XHQJS BXBWH ALPQE BCBDY CBXBX NXWPO ?.,'/ GDWYD 56320
AZNXM WLJSS FSWTH BXVCS VMKDA ZBCYQ LSOPD VCNWM 93502 JDIWK
?.,VA, ZAUSH BDHWA BXVSG GDYWL POFKE NDJAI BVCXA MQIKD MVLAO
56398 KDOWL . ,=' / JXUWG GDJAL PLGOE

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

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

M51a: 3881//6825 kHz, 27-06, 0700 UTC

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

DIMANCHE 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

M89 - Chinese Military

4435 kHz, 04-06, 1422 UTC, i.p.

R HR MSG GA MSG NR 3209 CK 79 21 0604 2150 RMKS EEEE
MSG GA NR 3209 CK 79 21 0604 2150 RMKS 5215364 TO 5215369 K
R = 3756 AD74576 76A5 D4A7 N7U4 T7A4 NU47 3UN7 AUDN T47A DUN5 ...

5107 kHz, 04-06, 1506 UTC. i.p

R QSL 2306 K
R MSG NR 3177 CK 61 27 0604 2240 RMKS 7045482 TO 7045481 K
R = A5T7 D65N 65A3 457D TADN 65.4 NT47 TDN6 TD5D N34U 364U ..

5198 kHz, 04-06, 1456 UTC, i.p.

VV OWBR DE ZDUB
VV OWBR DE ZDUB
.... RMKS 1128 TO 0918 862 09500732 01782759 2830 =
NTT6 3U7U 43N7 54DA 53DU D3AT 5364 A35T TUT4 TTT4 4NUN ...

5410 kHz, 04-06, 1359 UTC

V RI2V DE XYS3
7ATN TA63 TADU AUN4 T335 A4UN D74A 4NT5 4A6T ...
AR ? EEEEE U5I EEEEE
VV RI2V DE XYS3 K
R VV RI2V DE XYS3 K
QSA 1 QSA 1
QSA 1 QSY 4 QSY 4

5410 kHz, 04-06, 1451 UTC

V RI2V DE XYS3
CK 79 77 0604 2240 RMKS 5215362 TO 5215368 K
R = 5DT6 A36T 47TD D67T 3TA6 UA6T 6N74 6N7D 374U 543T 7D56 DU7T ...

5810 kHz, 04-06, 1433 UTC, i.p.

AR K
R OK QSL 22EEEE R OK QSL 2302 K
NOK
R OK QSL 2302 AGN
MSG NR 0174/EX CK 61 23 0604 2303 K
R GA
R OK = = = = AUND 3D4A A3TU 367D 3DU4 UT56 AD73 3UTA NU5D 6DN7 AR K
R OK QSL 2308 K
64
R OK QSL 2308 K
OK
R HR MSG GA
HR 7G GA
OK GA
MSG MSG MSG NR C127/CC. 1236 EEE
NR K127/EX CK 61 23 0605 231 III
NR K127/EX CK 61 23 0605 2310 K
R GA
OK = = = = B T A37U DU5T 6DAN D6A3 T4U3 DA7T 6T5U T637 T3AU 7DN4 AR K
R OK QSL 2316 K
R OK MSG MSG MSG
NR K128/EX CK 61 23 23 17
NR K128/EX 61 23 0604 2317 K
R OK GA
64 R = = = A47D D7TU 43DA D6AU U 4A5 4DTN 357U 46DT 3U56 3TUN AR K
R QSA2 EEEE R QSL 2322 K
R OK
MSG MSG MSG NR K129/EX CK 61 23 0604 2323 K

4242 kHz, 18-06, 1144 UTC, i.p.

A6D4 AUD7 7AN3 DA3N 5TN3 N436 AU37 D7T5 75N3 N3T5 ...
AR K
R RPT 27W BT 4N5U 4N5U AR K
R U 7G GA K
R GA K

4200 kHz, 26-06, 1229 UTC, i.p.

AR AR K K
RR HR MSG
RR RPT RPT K K
R R HR MSG GA K K (Both stations on this frequency)
R OK GA K K
NR MSG NR 1695 CK 51 56 0626 2030 RMKS = 0608 TO 6952 0608M EEE RMKS = 0608 TO 6952 0608 TO 6952 AR K K
R U5H R RPT TIME AR
R RPT NR 1694 AR K
R R GA GA
R R = A657 6U54 357T 4TD3 6UT4 T7ND 5TD6 ...

4617 kHz, 26-06, 1223 UTC, i.p.

NR 3194/EX 2024 =
XA9/EEEE 3194/EX 2024 =
XA9/K. AR
NR 3194/EX 2024 =
XA9/.2 AR
3194/EX 2024 =
XA9/K2 AR QSY 08 08 QSY 08 VVV

5538 kHz, 26-06, 1612 UTC, i.p.

F NR 5006/EX 2250 =
CWA/G. AR
F NR 5006/EX 2250 =
CWA/G7 AR
F NR 5006/EX 2250 =
CWA/G7 AR QSY TO LW = QSY TO LW QSY TO LW

5716 kHz, 26-06, 1609 UTC, i.p.

FFF NR 31.4/EX 0009 =
VR8Q/E7P AR
NR 3114/EX 0009 =
UN8Q/E7P AR
NR 3114/EX 0009 =
.R8Q/E7P AR QSY 17 QSY 17 VVV

6139 kHz, 26-06, 1209 UTC, i.p.

QPI8
FFF NR 1707/EX 2009 =
A2D3/H2YH III
FFF NR 1707/EX 2009 =
A2D3/S2Y5 III
FFF NR 1707/EX 2009 =
A2D3/H2Y5 AR QSY 04 QSY 04 VVV

7425 kHz, 29-06, 1043 UTC, i.p.

QSA 3 IEC = 5.44 AR K
HR F GA K
R FF NR 1141/EX 1844 RMKS 7836069 TO 7836060 K
= A3C5/U EEEE = A3C5/F7D4 AR
= A3C5/F7D4 =
A3C5/F7D4 AR K
R GA K
R RPT TIME K
NR CK 91 21 0620 1840 RMKS 7836069 TO 7836060 K
R = A76D 3A46 6A4D AD4T 3N47 64UT N6DA 3U47 4DUT N7A4 3UDT ...

8800 kHz, 29-06, 1033 UTC, i.p.

R QSA 3 = CK
 QSA ? K (Both stations on this frequency)
 QSA 2 K K
 HR 0 = 605 D3TA7 456 AR K
 VVV DOO6 AR K
 = 6N5D 3.A7U456 AR K
 HR WKNR 82109001 K
 HR WK NR .09876 AR K
 HR MSG GA K
 HR WK NR 1024 K
 HR WK NR 109.89 K
 HR WK NR 12375 09901
 HR WK NR 1099 K
 VVV FFF NR 336 EEEEE
 NR 3368/EX 0009 =
 Y3J6/K5LV AR K

10579 kHz, 29-06, 1002 UTC, i.p.

5 0629 1750 RMKS 8210860 TO 8210864 =
 AD74 4576 76A5 D4A7 ...
 AR K
 R U 7G GA K
 QSL 1811 QSL 1811 K (Both stations on this frequency)
 MSG NR 3879 CK 69 36 0629 1750 RMKS 8210860 TO 8210864 BT
 3UD7 TA37 5746 U75D A7N3 73DU ND43 3TNA 35DT ...
 AR K
 R U MSG GA K
 QL 1824 QSL 1824 K
 R U W SB WK UP PSE

M95 - Chinese Military

4364//8073 kHz, 03-06, 1130 UTC, V26: USB. XSV85 callup in Chinese voice
4364//8073 kHz, 03-06, 1131 UTC, Q26: QPSK 75/3000 LSB. XSV85 sending messages
4364//8073 kHz, 03-06, 1141 UTC, M95: CW
 V BNGC (x3) DE XSV85 (x2)
 HR MSGS GA PSE CY
 NR 0398 CK 320 35 0603 1617 =
 T33 U63 AN3 U7T TTU 773 TA7 773 353 N3D 354 ...

4243//9054 kHz, 03-06, 1144 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243//9054 kHz, 03-06, 1149 UTC, M95: CW
 VVV HR 7G TO YR PSE CY
 NR 060 CK 62 35 0603 1542 =
 5AA UTT TT3 3U6 3A4 5T7 5TD 75U 354 N3D 353 ...
 AR 7G AGN
 NR 060 CK 62 35 0603 1542 = (Repeats message)
 AR A HR 7G GA
 NR 047 CK 16 35 0603 1550 =
 UT5 TT3 3U5 3A4 TTA TTU TT3 773 35U U4T
 353 4AN 446 467 4D6 3D3 AR 7G AGN
 NR 047 CK 16 35 0603 1550 = (Repeats message)
 AR A HR 7G GA
 NR 06 CK 159 35 0603 1612 =
 UTU TT3 3U6 3A4 TTU 773 35A U4T 353 4AU ...

5479//10722 kHz, 03-06, 1059 UTC

V YHDX (x3) DE SAQC (x2)
 VVV HR SVC GA NR 014 1900 RMKS 9123 TO 9270 = CL/1930/Z=/9123/9270 AR A AGN
 NR 014 1900 RMKS 9123 TO 9270 = CL/1930/Z=/9123/9270 AR QSL ? HR WK NR 240

4364//8073 kHz, 05-06, V26: USB. Callup in Chinese voice
4364//8073 kHz, 05-06, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages
4364//8073 kHz, 05-06, M95: CW
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 040. CK 168 35 0605 1608 =
TT5 3U6 3AN 3U7 TAU 773 357 373 4T3 NN3 445...

4243//9054 kHz, 05-06, 1140 UTC, V26: USB. Callup in Chinese voice
4243//9054 kHz, 05-06, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243//9054 kHz, 05-06, 1147 UTC, M95: CW
VVV HR 7G TO YR PSE CY
VV HR 7G TO YR PSE CY
NR 064 CK 08 35 0605 1554 =
..4A7 5U3 5AU 4T3 534 3DA AR A HR 7G GA
NR 10 CK 105 35 0605 1603 =
UTU TT5 ...

4364//8073 kHz, 06-06, 1135 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 messages
4364//8073 kHz, 06-06, 1138 UTC, M95: CW
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0411 CK 222 35 0606 A558 =
TT5 3.. 3AN 3U7 ...

4243//9054 kHz, 06-06, 1139 UTC, V26: USB. Callup in Chinese voice
4243//9054 kHz, 06-06, 1139 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243//9054 kHz, 06-06, 1139, M95: CW
VVV HR 7G TO YR PSE CY
NR 066 CK 37 35 0606 1528 =
5AA UTT TT6 3U6 3A4 5T7 5TD 75U 353 U4T
354 37U 4TD 445 34U N3U 446 3DU N3D 3DU
4D3 5TN 75U 353 DN7 36T 4TD 445 3DA 4D3
5AA 75U 353 4TN 446 3DU 4D3 AR A HR 7G GA
NR 12 CK 169 35 0606 1602 =
UTU TT6 3U6 3A4 TT5 773 353 N3D 354 373 ...

4364//8073 kHz, 10-06, 1130 UTC, V26: USB. XSV85 callup in Chinese voice
8073 kHz, 10-06, 1131 UTC. Q26: 4+4 QPSK 75/3000 LSB. XSV85 messages only on 8073 kHz
4364 kHz, 10-06, 1146 UTC. M95: CW. Only on 4364 UTC
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0421 CK .6 35 0610 1658 =
TAT ...U6 3AN 3U7 TAU 773 3.3 37A ...

4243//9054 kHz, 10-06, 1140 UTC, i.p.
VV HR 7G TO YR PSE CY
NR 074 CK 49 35 1533 =
5AA UTT TAT 3U6 3A4 5T7 5TD 75U 353 U4T
355 37U DN7 36T 4T7 344 N3D 4A5 445 3DA
4DD 5TN 75U 353 U4T 354 37U DN7 36T 4A7
344 N3D 4A5 445 3DA 4DD 5AA 75U 353 U4T
354 DN7 36T 4TN NAT 4TA 445 3DA 4DD AR A HR 7G GA
NR 068 CK 29 35 0610 1555 =
UT5 TAT 3U6 3A4 TTA TTU TT3 773 354 37U
N45 374 33U 33N N3D 353 36U 4T7 446 474
437 346 N3D 4UT 445 4D4 3DU N3D 3DA AR A HR 7G GA
NR 20 CK 140 35 0610 1609 =
UTU TAT 3U6 3A4 TTU 773 354 373 N3D 353 ...

4364//8073 kHz, 18-06, 1130 UTC, V26: USB. XSV85 callup in Chinese voice

4364//8073 kHz, 18-06, 1131 UTC, M95: CW. , Defective keying

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

4243//9054, 18-06, 1139 UTC, V26: USB. Callup in Chinese voice

4243//9054, 18-06, 1141 UTC, 4+4 QPSK 75/3000 LSB . Messages

4243//9054, 18-06, 1146 UTC, M95: CW

V HR MSG TO YR PSE CY

NR 090 CK 29 35 0618 1523 =

5AA UTT TAD 3U6 3A4 5T7 5TD 75U 35A U4T

353 4AA 34T N3D 4A5 445 3DA 4D3 5TN N44

5AA 75U 35A U4T 353 4AA 445 3DA 4D3 AR A HR 7G GA

NR 3. CK 109 35 018 1534 =

UTU TAD 3U6 3A4 TTU 773 35A U4T 353 4AA ...

4364//8073 kHz, 26-06, 1136 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 26-06, 1139 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0464 CK 238 35 0626 1632 =

TU6 4U6 3AN 3U7 TAU 773 TUT 773 353 47U ...

4243//9054 kHz, 26-06, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 26-06, 1148 UTC, M95: CW

V HR MSG TO YR PSE CY

NR 007 CK 41 35 0626 1550 =

5AA UTT TU6 3U6 3A4 5T7 5TD 75U 353

N3D 354 374 4TD 446 467 3DU 33U 33N

N3U 445 3DA 4D3 5TN N44 5AA 75U 353

N3D 354 376 DN7 3DA 4TD 446 3DU 33U

33N N3U 445 3DA 4DD AR A HR MSG GA

NR 52 CK 131 35 0626 1600 =

UTU TU6 3U6 3A4 TTU 773 354 N35 374 4TN ...

4364//8073 kHz, 29-06, 1130 UTC, V26: USB. XSV85 callup in Chinese voice

4364//8073 kHz, 29-06, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 messages

4364//8073 kHz, 29-06, 1139 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR 7G GA PSE CY

NR 0470 CK 240 35 0629 1637 =

TUN 3U6 3AN 3U7 TAU 773 TU5 773 353 37U 4AA ...

4243//9054 kHz, 29-06, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 29-06, 1148 UTC, M95: CW

V HR MSG TO YR PSE CY

NR 013 CK 50 35 0629 1507 =

5A. UTT TUN 3U6 3A4 5T7 ...

AR A HR MSG GA

NR 58 CK 129 35 0629 1537 =

... TUN 3U6 3A4 TTU N44 TT3 ...

10722 kHz, 29-06, 1101 UTC

144 1900 RMKS 9123 TO 9912 =

CL/1930/Z=/9123/9912 AR QS..

2404 1NR 240 SK SK

V YHDX (x3) DE SAQC (x2)

M89-M95 related

Navtex from XSQ Guangzhou Radio / Coast Guard on 16854 kHz, 28-06, 1032 UTC. Logged by Carlos Latuff in Brazil. Some of these navtex and CW weather messages contain 4-chr groups just like M95.

EO 6752 3189 1008 3186 7559 (0.8-1.5) 4717 9979
0589 3189 0022 6007 6752 3189 1008 3186 7559 (1.3-2.3) 4717 9979
0589 3189 2639 0589 6752 3189 1008 3186 7559 (0.4-0.8) 4717 9979
0589 3189 6007 0589 6752 3189 1008 3186 7559 (0.5-1.3) 4717 9979
2607 0171 1455 2598 9980 2607 0171 (24) 1420 2514 9976 0589 3189
0554 6752 3189 1008 2589 0022 3186 0451 1129 3186 9976 0022 6752
3189 1008 2589 6535 3186 0451 0022 3186 9976 0589 6752 3189 1008
0110 6535 3186 3634 0031 9979 1455 2598 2607 0171 (5) 1131 9976
0649 6007 0589 7364 2170 4958 1758 0742 9976 0589 3189 0554 6752
3189 1008 7364 3186 4850 2170 6525 1129 9976 3189 0400 6525 1567 9976
(1) 5714 0683 2601 6386 7364 3186 1412 2589 2076 8096 1420 9976
6153 3137 1942 1344 0356 9975
NNNN

N/W:
N/W NR037
4727 5300 6226 (135/21) 9976 0589 3189 9976
(6) 2588 (29) 2480 5267 (10) 2588 (15) 2480 9976
9986 3189 3152 4258 311 (721) 9987 6544 0961
0110 0007 0677 7820 6647 4848 0575 1008 0355
6651 5887 0966 7201 6148 2686 0155 2814 9980
(1) 9976 (20-56-48N/114-12-12E) 9979
(2) 9976 (20-20-36N/113-59-12E) 9979
(3) 9976 (20-11-36N/114-33-54E) 9979
(4) 9976 (20-20-06N/114-37-12E) 9979
(5) 9976 (20-17-06N/114-48-06E) 9979
(6) 9976 (20-46-54N/114-57-54E) 9975
6115 6544 2151 (10) 2704 7022 4766 (6000) 4717
4104 7193 4968 9975 3020 2704 7193 4968 1442 4551
1601 2589 2892 5331 6018 6030 3187 2871 9977 1123
7035 7026 4101 0342 9975 5300 6643 (4.5KN) 9975
0961 2494 7359 5710 7359 4355 6016 1353 4104
5714 3597 0735 5714 0992 9976 4391 2972 5300 5307
4502 6390 7193 4968 9975
NNNN

N/W:
N/W NR036
4727 5300 6226 (134/21) 9976 0589 3189 9976 (6) 2588 (28) 2480
5267 (29) 2480 9976 9986 3189 3152 4258 3111 (671) 9987 6544
2151 1601 9986 0589 3189 0046 5714 9987 9449 0064 1627 0669
1783 (19-39-28.6N/112-23-18.6E)
0467 1766 (19-42-18.7N/112-23-48.9E)
2151 1601 4920 7022 1653 (400M) 9976 5300 6643 (3KN-4KN) 9975
0961 2494 7359 5710 7359 4355 6016 1353 4104 5714 3597 0735 5714 0992
9975
6153 1401 6245 9975
NNNN

N/W:
N/W NR035
4727 5300 6226 (133/21) 9976 0589 3189 9976
(6) 2588 (25) 2480 5267 (7) 2588 (4) 2480 2521 1123 9976
9986 1125 1226 0361 0031 9987 6544 0961 0110 0007 0934 7820 6647 4848
3055 1008 5400 0953 0355 6651 5887 5307 5306 6080 0271 3261 6107 9980
((1)21-27-00N/117-09-00E) 9976
((2)21-27-00N/117-09-18E) 9976
((3)21-30-00N/117-09-18E) 9976
((4)21-30-00N/117-09-00E) 9975
0961 2494 7359 5710 7359 4355 6016 1353 4104 5714 3597 0735 5714 0992
9975
6153 1401 6245 9975
NNNN

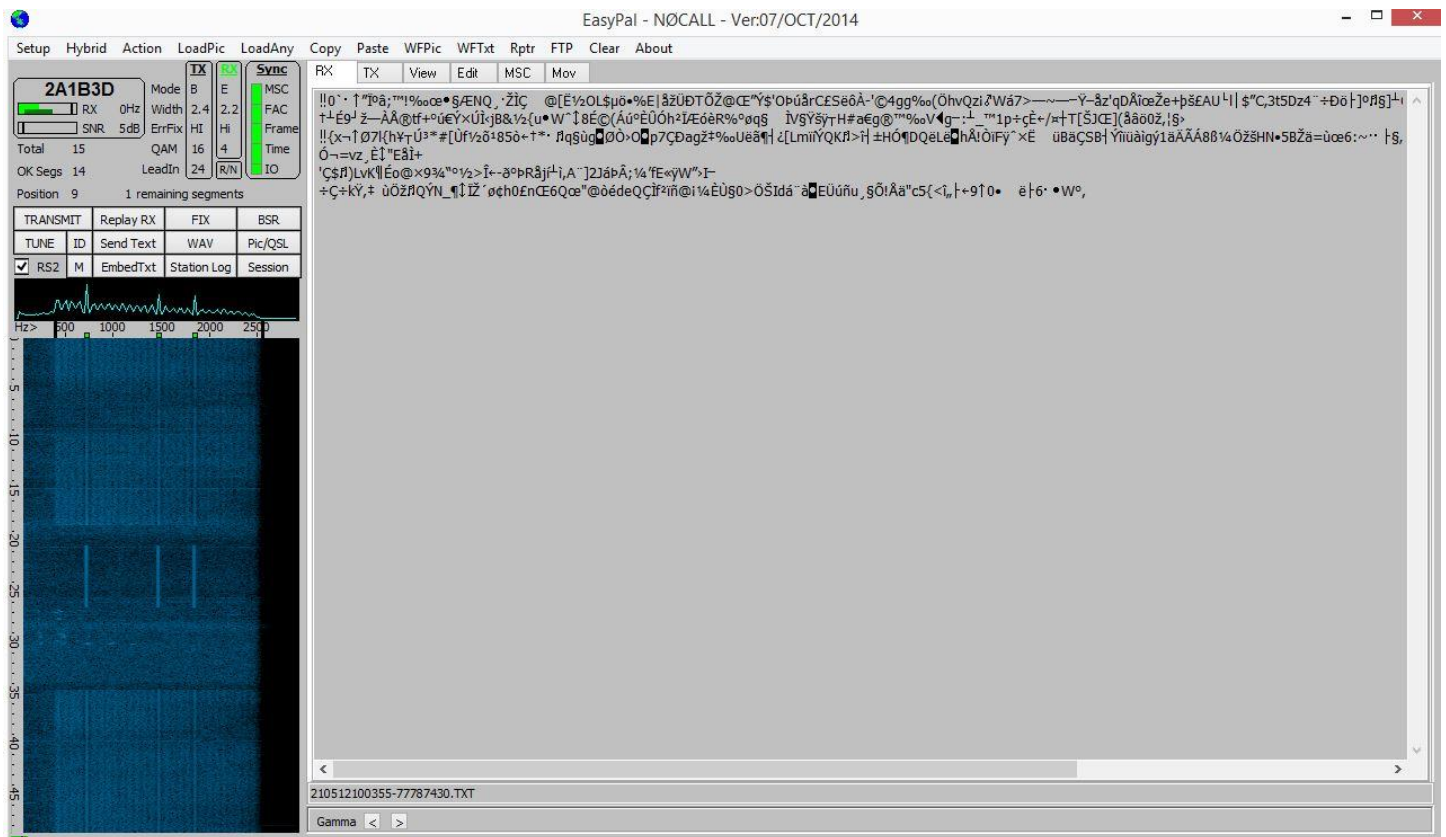
2017 XSQ CN
2021-06-28 21:38:46
DE XSQ VA

DIGITAL MODES

HM01 / SK01 - Dirección General de Inteligencia

HM01: AM voice, RDFT data

SK01: AM voice, WinDRM data



Easypal decoding WinDRM

HM01

11435 kHz, 17-06, 1603 UTC. Late start

11530 kHz, 17-06, 1654 UTC

Groups: 74112 11741 68846 52106 65386 87741

Files: 42187411.TXT 50721174.F1C 34776884.TXT 50325210.F1C 36136538.F1G 36858774.F1G

SK01

11435 kHz, 17-06, 1628 UTC

11530 kHz, 17-06, 1729 UTC

Groups: 47733 88342 44164 71864 33617 20801

Callsign/key: 2A1B3D

Files: 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT

Note that the time stamps are from 12 May 20212

HM01

11435 kHz, 18-06, 1600 UTC

11530 kHz, 18-06, 1658 UTC

Groups: 74114 11742 68848 82281 65388 87742

Files: 42187411.TXT 50721174.F1C 34776884.TXT 36048228.F1G 36136538.F1G 36858774.F1G

SK01

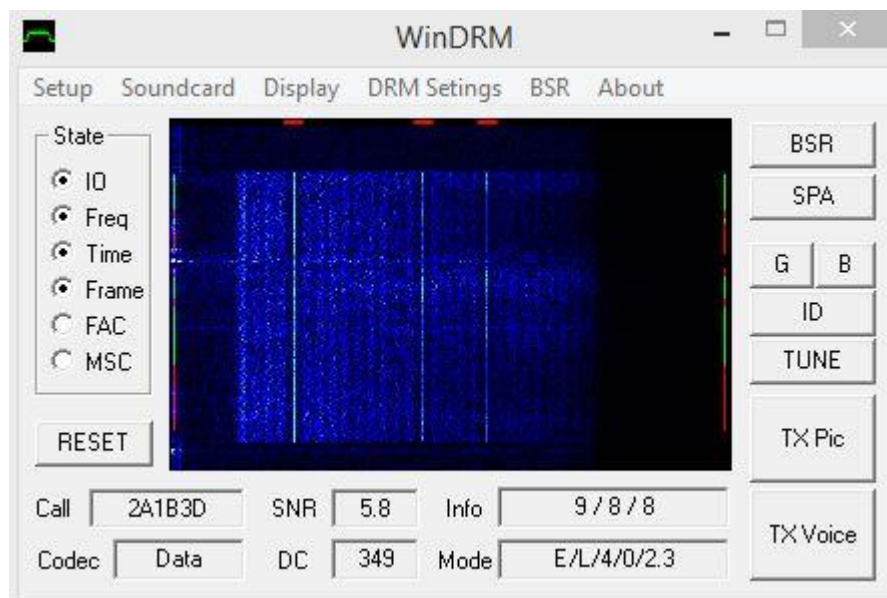
11435 kHz, 18-06, 1638 UTC

11530 kHz, 18-06, 1731 UTC

Groups: 47733 88342 44164 71864 33617 20801

Callsign/key: 2A1B3D

Files: 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT



WinDRM decoder

HM01

| | |
|----------------------------|---|
| 11435 kHz, 19-06, 1600 UTC | No transmission |
| 11435 kHz, 19-06, 1630 UTC | No transmission |
| 11530 kHz, 19-06, 1700 UTC | No transmission |
| 11530 kHz, 19-06, 1730 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) |
| 11635 kHz, 19-06, 1800 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) |
| 11635 kHz, 19-06, 1835 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) Late start |
| 16180 kHz, 19-06, 2100 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) |
| 11435 kHz, 20-06, 1630 UTC | Carrier only |
| 11530 kHz, 20-06, 1700 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) |
| 11530 kHz, 20-06, 1737 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) Late start |
| 11435 kHz, 21-06, 1658 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) |
| 10715 kHz, 21-06, 2200 UTC | No transmission |
| 11435 kHz, 22-06, 1606 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) Late start |
| 11435 kHz, 22-06, 1642 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) Late start |
| 11530 kHz, 22-06, 1658 UTC | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) |
| 11530 kHz, 22-06, 1723 UTC | Started in mid message. 74114 11742 68848 82281 65388 87742 (repeat of 18 June) |

11435 kHz, 23-06, 1602 UTC. Late start
 11435 kHz, 23-06, 1646 UTC. Late start
 11530 kHz, 23-06, 1657 UTC. Restart at 1710 UTC. Carrier from 17-33 till 1739 UTC, then off
 11635 kHz, 23-06, 1758 UTC. No transmission

Groups: [74117 11745 11181 82283 71262 87745](#)
 Files: [42187411.TXT](#) [50721174.F1C](#) [30161118.TXT](#) [36048228.F1G](#) [01667126.TXT](#) [36858774.F1G](#)

11435 kHz, 24-06, 1638 UTC. Late start. Started in mid message.
 11530 kHz, 24-06, 1656 UTC
 Groups: [33181 11747 11183 82285 71264 87747](#)
 Files: [10323318.TXT](#) [50721174.F1C](#) [30161118.TXT](#) [36048228.F1G](#) [01667126.TXT](#) [36858774.F1G](#)

11635 kHz, 24-06, 1828 UTC
 16180 kHz, 24-06, 2108 UTC
 Groups: [74118 11746 11182 82284 71263 87746](#)

11435 kHz, 25-06, 1612 UTC . Late start
 11435 kHz, 25-06, 1627 UTC
 11530 kHz, 25-06. 1658 UTC
 11530 kHz, 25-06. 1727 UTC
 Groups: [33181 87541 11184 82286 71265 28001](#)
 Files: [10323318.TXT](#) [77258754.TXT](#) [30161118.TXT](#) [36048228.F1G](#) [01667126.TXT](#) [58082800.TXT](#)

11435 kHz, 26-06, 1600 UTC

11435 kHz, 26-06, 1627 UTC

11530 kHz, 26-06, 1658 UTC

Groups: 33182 87541 11185 82287 71266 28001

Files: 10323318.TXT 77258754.TXT 30161118.TXT 36048228.F1G 01667126.TXT 58082800.TXT

11530 kHz, 27-06, 1728 UTC

11635 kHz, 27-06, 1756 UTC

Groups: 33183 87542 11186 82288 71267 28002

Files: 10323318.TXT 77258754.TXT 30161118.TXT 36048228.F1G 01667126.TXT 58082800.TXT

11435 kHz, 28-06, 1603 UTC Late start

11435 kHz, 28-06, 1624 UTC Carrier till 1655 UTC

11530 kHz, 28-06, 1656 UTC Normal transmission

11530 kHz, 28-06, 1718 UTC Carrier till 1753 UTC

11635 kHz, 28-06, 1803 UTC Late start

11635 kHz, 28-06, 1828 UTC Normal transmission

Groups: 33184 87543 11187 35221 56141 28003

Files: 10323318.TXT 77258754.TXT 30161118.TXT 47133522.TXT 45535614.TXT 58082800.TXT

11435 kHz, 29-06, 1600 UTC

33184 87543 11187 35221 56141 28003 (repeat of 28 June)

11530 kHz, 29-06, 1703 UTC

i.p. 33184 87543 11187 35221 56141 28003 (repeat of 28 June)

11530 kHz, 29-06, 1728 UTC

33184 87543 11187 35221 56141 28003 (repeat of 28 June)

11435 kHz, 30-06, 1600 UTC

Groups: 33185 87544 11188 35221 56141 28004

Files: 10323318.TXT 77258754.TXT 30161118.TXT 47133522.TXT 45535614.TXT 58082800.TXT

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

M42 – various modes

12146 kHz, 21-06, 0746 UTC, MFSK-66

11076 kHz, 24-06, 0747 UTC, MFSK-66

12175 kHz, 25-06, 0959 UTC, MFSK-66

12164 kHz, 28-06, 1248 UTC, 17x62.5Bd QPSK/250Bd BPSK

12175 kHz, 28-06, 1250 UTC, MFSK-66

M42b – FSK 50/500

8116 kHz, 08-06, 0655 UTC, CW

PRAT wkg LKDW QSY 73494 K

8116 kHz, 10-06, 0655 UTC, CW

PRAT wkg LKDW QSA NO QSY 29672 K and QSA NO NIL SK

5857 kHz, 13-06, 0549 UTC, CW + FSK 50/500

HXMT wkg SFDZ. QSX on 6993 kHz

F01 – FSK 200/500

14621/12206/10465 kHz, 02-06, 1840/1850/1900 UTC

Null message: 5761 00000

F01 – FSK 200/500 PACIFIC REPORT

22936/20331/17471 kHz, 01-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 01-06, 0100/0110/0120 UTC

93524 98191 55858 53175 96337 78246 59436 54279 51423 68998

27209 50235 51728 48432 90390 78536 66818 49903 18374 74206

87114 77050 62032 30068 44000 98095 94001 41884 54250 61736

56860 93041 62214 01800 55172 58474 78185 22857 52300 32517

36406 83984 57953 10365 21135 22851 17386 77842 34215 87330

38201 89150 02594 66816 15687 37302 49210 40437 42621 46906

75706 84343 14493 44016 30390 05282 66066 82707 59885 92602
00237 33088 67919 05935 95098 60410 29672 40677 00182 50002
35125 38518 57786 57668 59861 35155 10344 90276 86734 62415
79764 46208 26864 46958 29677 70354 13372 72737 46536 03355
66326 99433 00499 29759 52297 54025 72031 54803 86995 37688
55174 64488 54400 15220 73405 48642 40838 79171 69040 91664
07441 05867 52099 60627 49408 45514 19591 45433 15543 13579
81140 30705 86460 75615 51903 04110 34938 42748 98700 30787
16823 19976 50318 48582 65953 74506 07899 63770 91509 16286
16371 51952 01257 07936 82854 93813 99089 46259 52970 00441
30348 82529 80997 07863 73305 73721 54826 45533 00303 81902
61616 08417 56936 63944 05133 87378 32761 18756 10667 37560
21922 84230 78497 89436 97174 01081 71825 32230 45721 85753
50116 24379 40293 79625 83793 10742 43936 66641 11211 51233
71912 76605 23854 90562 59178 16309 90700 23787 06862 95661
57675 37336 06182 41050 83140 30231 63248 13073 95363 45151
73175 70870 82891 64061 16950 50217 53771 48071 79494 47574
24559 26227 12355 27284 25049 62905 89454 94098 29666 58525
29357 98229 51450 63230 82463 65100 59585 08256 06596 66996
06389 84663 79390 78794 74722 24115 20949 84966 81740 61392
25183 30035 99937 83343 23277 29676 81399 93938 27733 84655
96233 50128 30410 64777 21082 48190 52999 55052 38680 65249
73394 81246 34381 85668 76365 57022 00595 66978 01987 19846
85072 25056 90264 47848 43975 43225 45388 74836 85667 34968
68045 45632 64302 00000 00000 ++++++

22936/20331/17471 kHz, 02-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 02-06, 0100/0110/0120 UTC

38950 12197 58143 15155 05284 49662 07169 32346 69439 50814
61561 81355 69166 69993 96024 25721 47213 21316 57976 61675
55526 93392 09870 73539 50943 21558 59127 27102 80833 09819
36592 05668 82111 19689 09471 18479 42078 68103 39669 36182
94500 01613 23490 33030 49395 39027 73603 40518 79935 99701
29250 42127 14925 59663 05598 63869 10277 02752 18199 40320
97933 58963 43484 60832 35665 47199 01225 25605 06181 64587
69908 66309 39007 89578 70961 10951 53535 90995 82755 97655
46723 60233 70340 67073 73841 08783 41831 88076 95738 98279
67397 96453 91039 95260 21788 51275 56725 67812 36326 38619
45529 66301 71312 77354 13590 55372 44784 06660 76789 89414
78547 59963 99224 48652 47446 55006 62245 78089 42776 54694
87492 96458 85810 78450 12384 67381 52350 68733 41471 49925
94251 42422 22122 70740 68867 81757 17946 84969 12327 44509
78423 18107 17608 98083 28152 06010 03329 07233 24167 75239
84203 30069 54765 30920 79091 02070 78263 44306 17580 12754
25146 57244 31047 04727 12021 45717 39125 49767 40831 09656
67524 81664 81763 81212 58126 90470 63275 68671 57311 07871
17700 78198 93444 38356 55843 80606 79454 15882 69037 15330
01451 90698 82053 48792 79314 76057 05351 29352 10198 09451
60066 06032 30872 08105 74200 03182 59856 23392 73432 68313
05281 23853 14999 35244 49393 61528 38080 69773 45675 01272
29126 90060 89495 17741 25559 78901 48222 89750 06299 30082
61760 46682 42533 96006 49426 46619 07188 28778 84115 90925
66520 31926 19686 04921 02283 64969 82504 39366 37888 67988
63094 72436 67014 98415 68813 16865 08094 97218 23502 61958
33114 26653 25051 05151 44176 46806 96810 52812 96238 23076
93781 94965 89499 81812 49537 83632 79833 56276 74799 69466
80743 90131 43614 76385 55248 90629 28062 18872 21148 48701
67443 91640 18110 68126 82869 86358 10003 70966 73205 15098
65300 00000 00000 ++++++ ++++++ ++++++

22936/20331/17471 kHz, 03-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 03-06, 0100/0110/0120 UTC

32300 05521 79475 79629 13000 71282 87083 49068 04199 82370
93282 10336 44219 62501 52181 86585 86882 46088 37387 28544
74280 60854 48811 17293 94413 34756 41061 74954 78371 00668
40589 19225 16763 97252 43813 22697 00065 89464 13375 62901
12584 57119 14725 74008 34724 24961 60239 36132 33237 32681
53033 63162 44151 68306 47672 75075 78062 13410 69968 65650
02480 73575 63042 01538 80902 92545 51842 13610 73329 73512
43310 66533 27878 55959 04379 17506 18202 21521 84987 00085
06407 27273 78306 94058 36128 89908 35351 67280 85483 69225
76187 00423 34569 24375 64899 30575 27198 41292 40511 74622
31563 54760 21066 18352 29511 13547 23022 82222 89122 62031
63181 99720 00276 36786 35312 69265 77886 01528 78681 65574
62514 68889 80653 21448 73016 82449 80570 15895 90939 57443
67084 29549 81342 03608 86131 53305 79726 78599 01747 61114
99767 45406 76887 82878 41540 32204 66471 38381 04912 18093
39809 18189 37804 93151 74613 22462 74009 66244 89781 93616
40229 19014 09138 03769 37062 29514 73311 82903 23582 13899
41957 98700 60233 59622 53487 23961 89709 48573 34515 52566
60501 93595 76193 49915 22817 36824 19627 48766 51549 83265
17569 26424 75983 68083 64558 24224 20925 81002 12718 95222
88944 96287 15368 91063 38428 81716 65673 23931 37106 85001
22489 64541 95766 21091 40604 62109 11826 08781 47567 97222
77452 30083 34280 03564 31931 10790 51548 19416 62948 45659
29779 54896 86495 16672 64009 85846 60070 77790 31451 10316
08864 04662 33748 28591 69631 32695 81125 32688 81918 31959
60619 16258 81342 92329 55578 40842 74610 17338 08620 19411
00963 50131 45235 03125 09730 80019 00222 82255 08694 03009
14138 37206 62929 34788 91962 00565 48830 99587 41154 16132
92995 43358 31281 05859 50660 44700 42437 66287 00000 00000
+++++

22936/20331/17471 kHz, 04-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 04-06, 0100/0110/0120 UTC

16974 23026 65720 69713 09011 60772 14047 68203 80182 82417
12038 11187 81229 23276 19348 87336 82536 45400 71899 79562
90139 11380 19623 97458 26685 82842 87731 27413 00748 60859
47465 30089 12990 10420 07245 39956 72549 36185 60179 46559
22141 01697 48854 62208 95269 09228 33339 05792 54023 82468
73366 57380 80858 19226 60591 63323 22836 06342 61906 96523
11730 13992 59709 01573 08456 11575 00097 79434 45254 72373
84896 91371 64059 59161 68488 86796 74503 07967 45346 84732
79985 52163 39240 63582 45240 54077 30041 38876 03855 36306
79048 33702 29159 29928 38809 71499 16937 81802 58326 45900
53384 88123 19631 47307 66767 46448 66632 50905 86204 43357
12191 95776 56015 19953 34354 09827 79072 82376 97684 60188
87598 49528 60632 33808 64840 55191 54871 77893 66055 46723
47546 54916 12258 47534 22379 91842 55154 75508 40540 28301
36708 34576 67261 93355 91768 21615 75100 65584 67207 15878
59800 96145 55991 43118 29692 99514 69640 31613 54561 41593
97498 02274 84933 79860 26257 60019 77697 35270 18173 78606
89025 00565 71412 96112 20505 14713 10965 63241 29436 58138
83557 11651 39228 48443 55014 34493 10825 41308 33488 96340
61111 66247 67016 14702 39223 51921 88827 80300 96708 20692
08838 08317 12469 57088 74776 37770 58433 79904 51383 21235
16881 72581 91100 72074 85367 51592 94715 61385 30189 77487
85375 81831 74312 38318 44421 20566 30718 60100 82477 08415
17094 24023 44227 37527 12811 95075 70325 64663 44121 91798
64867 42313 08516 51824 41874 44842 74185 72912 49203 81839
15509 34162 93356 15858 70519 27081 13587 26740 31279 51211
78774 89712 03100 53991 05481 59440 93554 19544 20643 77218
17203 36077 17324 43504 26985 96584 76978 22960 08207 12540

56649 74213 96067 45257 64547 21503 02651 84623 72451 10408
64332 67291 00000 00000 +++++ +++++ +++++

22936/20331/17471 kHz, 07-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 07-06, 0100/0110/0120 UTC

0010 UTC: Cut off at 0011 UTC

33378 64395 31426 03089 52868 28624 14492 68157 27566 52330
01187 27907 84934 68503 09857 16037 78306 43000 40757 63685
87658 72170 32931 27570 79080 73936 88376 54562 46370 89524
49426 12363 83192 38022 40300 40992 59249 90956 08749 04758
98883 59080 28728 49401 85566 08555 50059 94109 40699 48708
05983 13079 50172 58571 14574 86307 37108 44364 34937 24330
04243 45130 64122 96548 94366 28701 85701 17876 42272 45186
05949 73361 16640 30157 38545 85495 75311 74741 23768 53877
82365 04788 93079 21930 60463 36303 15072 50357 76871 99350
83690 02028 86623 47591 34683 67965 81243 95647 01211 89147
16475 51506 44556 53789 17446 36105 20859 74800 84724 07335
69838 77113 49680 30609 36412 49552 52602 63212 61171 40947
42011 44598 00638 05172 18598 09836 63243 24794 72229 68391
71972 68028 85457 15421 89598 58675 01970 67779 67456 63740
83421 41916 03689 28407 03079 15859 21905 13074 49720 42462
06179 12118 40229 06118 53345 59091 64313 40104 28503 48027
09792 46772 34693 25550 41885 87749 32665 33468 34949 36351
71682 06550 80083 09384 17298 55157 17062 20535 87044 87431
64013 22527 29967 50721 43292 30237 10942 96927 26981 41948
85722 01472 50462 00945 77641 90557 67483 64622 91907 56425
45177 73302 28447 65277 22450 35945 79209 87575 80191 74945
20884 05379 96738 97193 38968 76424 87025 83593 44119 59637
48873 14232 66726 31747 64832 71375 40648 49710 33040 87481
12040 38619 25514 30426 34224 09785 97326 43122 34527 38689
95092 79715 64033 57479 38215 05560 66176 41705 71321 53137
25129 95985 11326 51134 79900 68282 37560 68842 15109 47476
98407 43082 64340 23933 32882 79830 87046 17745 30580 47747
04920 04334 78450 05779 08669 92107 67826 32037 71152 31853
60132 46132 27788 62553 34737 42143 10194 23324 67361 74438
43979 86140 68292 00000 00000 +++++ +++++

22936 kHz, 08-06, 0000 UTC Idle carrier until 0009 UTC

20331 kHz, 08-06, 0010 UTC No transmission

17471 kHz, 08-06, 0020 UTC No transmission

17532/16351/14428 kHz, 08-06, 0100/0110/0120 UTC

67434 13953 56196 64929 67383 54672 96608 10741 13539 62632
80830 46419 27160 18912 63143 62870 35317 96528 72006 94164
42223 60860 30853 15260 86600 00220 29764 94114 71020 16309
96459 40394 74154 29213 40039 17938 81868 76643 65921 13185
98108 12094 85405 76742 21506 31621 68300 80297 98640 83921
12064 56030 89904 43393 25874 10747 08901 50882 53088 31907
21316 51779 80508 27726 14196 86182 07915 68551 71580 10787
76272 21696 17414 57202 78086 96916 11682 56390 98305 44720
10710 83890 59243 74696 27553 05549 67933 86051 53430 28412
89366 27537 26126 86485 94039 28966 56297 16050 53267 71492
47640 00206 80676 88851 71832 87352 43334 16742 84199 13274
90939 32542 91043 81531 76521 52546 04571 81835 67077 78904
46349 51108 67590 13462 85243 06891 06863 80673 20759 07817
58605 26798 47732 20816 96211 87538 63306 99747 04673 41333
02132 05143 98045 90478 10724 19752 15936 37271 96922 39576
97412 47351 15378 45081 55814 17452 75023 82268 02854 89721
79443 08296 95496 79818 36100 81345 04017 10959 95337 99405
24686 71119 05115 17678 85530 35560 92394 99271 18588 21876
07134 78904 97113 69747 89802 44256 61154 62592 48384 64707
79948 33296 55777 22116 24576 21214 03553 23334 49296 72624
72992 99155 05024 01838 09348 19371 33361 55127 10263 78625
14642 44680 64296 32767 68412 44764 00471 90366 29791 67278

34805 89106 50148 58894 24747 11714 95536 86958 67461 21135
41313 06362 02900 19640 86394 24543 07592 61529 35569 06833
90096 74156 23323 89313 24060 66923 77605 91381 79790 32962
46964 45218 40328 73179 39513 84325 12903 97341 47135 58340
71758 81914 53397 66309 93250 89312 48572 69267 00000 00000
+++++ +++++ +++++

22936/20331/17471 kHz, 09-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 09-06, 0100/0110/0120 UTC

34363 28258 72361 25510 76900 99510 52998 08289 77336 77282
34167 47456 98686 06017 59935 47607 60180 38188 49285 61728
92163 27554 56138 60094 24302 88916 61908 61751 86768 22825
92750 89544 29111 28653 78712 34611 86479 54497 96967 41285
47911 57324 66314 48355 06341 71814 85131 47599 95053 11334
29984 45549 40236 49467 57057 39410 84336 55562 73608 43082
59910 82708 71628 24210 18647 31602 40898 38218 45246 38720
03625 70238 10866 62255 37850 20905 45785 64233 81812 96914
36014 12271 36458 92326 73500 49391 08280 71513 14650 05343
59677 89708 26823 47869 59022 12098 27519 97345 47627 17372
45913 53242 65779 96698 61452 05833 05061 84038 99183 31601
79117 78743 86513 95773 30072 46384 01075 10418 12772 08734
64400 21548 24056 58847 61077 23666 69226 62181 88088 25190
82920 29679 64003 13188 46553 73778 52734 90877 69546 83251
81514 86307 26498 77838 57821 55675 67503 28608 14892 29703
43812 54967 40558 76527 16001 34274 69058 79521 36848 84993
40528 53500 26111 09307 57856 47743 79383 06154 95588 09271
78218 90601 40569 04807 93714 80517 69015 24875 00740 36447
89693 18466 44993 65668 07906 31696 30081 26329 89961 48917
16806 92632 32825 59705 51845 66985 68621 00159 68015 50061
58703 41958 23301 04711 56950 27612 70845 74657 46988 75333
77086 43912 83036 01987 30217 47856 89038 37529 06175 71912
95798 29401 84331 98757 20776 60297 30082 90005 20260 27746
86509 13302 68581 58946 42329 50761 44072 59301 68277 49699
26446 18074 39156 01578 35289 19609 83700 60114 64365 33565
29476 34491 91388 82582 34970 18592 67993 10832 26091 42224
19548 01879 79239 55237 09536 19306 18155 80497 48165 68516
16712 96646 49903 03181 24877 36579 69634 24738 59973 12585
72104 48405 30490 04089 14368 34131 84578 68919 45899 05924
70290 00000 00000 +++++

22936/20331/17471 kHz, 10-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 10-06, 0100/0110/0120 UTC

28632 62249 28194 97342 15806 74786 43269 79883 90433 87909
60658 84956 02821 66886 50416 56458 15590 15529 60097 49620
67177 12421 89630 74116 31129 26147 61209 12273 50883 07961
76386 73308 54734 85332 77576 69547 80648 04819 56119 25546
65644 97673 74132 56066 79401 66668 92310 73831 06800 17521
20870 13006 09069 83409 35828 79337 18241 15978 27802 62892
44593 41287 75510 74334 01760 04146 61174 90663 79211 49256
69999 21376 16792 12613 40924 30968 60977 21599 60829 78722
07574 27200 19392 61723 60529 16796 66765 72024 61534 80949
41285 03919 70122 32638 59382 72248 98943 02368 84884 27673
33896 57598 19906 79862 93816 19923 84506 64532 09400 78444
77299 15261 26055 22776 34217 26034 60365 44110 27595 15447
64852 77785 72788 28504 80730 85809 34484 36959 83335 02742
49914 24116 49914 93406 11151 65054 04468 95858 73666 38192
19336 48031 83357 29137 78197 21523 39208 12762 30195 10945
33785 24436 89853 52277 38755 56362 62489 68660 27612 39938
99795 67069 52786 00099 15290 34307 19355 92565 14312 05743
22504 59943 18264 05251 40956 67604 87768 79774 03544 05292
74450 76956 71112 65387 56008 39273 00941 33771 34283 13111
85870 54222 00998 96219 85333 52289 00861 71985 90454 29570
46724 03956 90428 64343 66473 89054 32356 79478 86347 92929

91713 63574 80375 15864 95670 56256 40600 62689 66412 33568
47809 15147 76681 54406 47427 30120 34701 53916 60277 12191
40696 94807 82892 33942 82167 12514 57067 02458 60134 15138
13327 95448 63519 24119 18024 15447 33861 66561 78722 35500
87550 71251 00000 00000 +++++

22936/20331/17471 kHz, 11-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 11-06, 0100/0110/0120 UTC

0000 UTC: No transmission

54149 84043 96706 05112 43222 92340 46525 64136 29309 84138
45048 17978 22519 59563 15819 73979 82693 08426 35911 32519
61788 15866 32842 15343 64312 58309 33154 52206 99274 56956
98587 05503 22077 80974 10796 37568 89778 17585 90522 50344
78177 51228 62199 52097 34153 19008 99886 30876 61690 34580
15499 39392 65043 97697 75252 21012 97453 31579 55279 31559
88882 15302 72327 36590 51178 03402 50507 88860 84127 49860
10006 15646 30819 78685 88710 70613 55759 68256 32680 29937
44188 41619 16406 37335 46017 79937 78789 27718 12829 01271
85781 84145 01396 71868 55626 07761 42124 42181 07627 05413
95886 24750 20394 24630 47670 56196 10507 90652 10471 10471
67507 25204 37890 55556 06199 51679 68856 70825 22149 16455
52906 67224 61368 80998 29478 77473 40075 64462 59648 08482
75500 41459 33735 73149 13667 24695 03230 43758 65075 87154
10481 94123 84239 03530 14561 22717 54005 15566 36773 73914
60594 51027 74215 99595 70307 50962 54856 28248 43824 84953
32548 33787 49038 59050 45413 21269 58366 46055 86062 71680
41468 92870 57049 13004 89309 84579 10029 09740 30517 69950
92039 88068 25949 78055 47350 38849 52431 80695 48319 65633
11589 80306 53681 69891 24712 28045 17726 90627 99597 01734
98789 40585 80296 98363 40494 06209 15713 20832 24183 03576
07988 63598 15991 07466 26599 26969 56967 95764 99133 14668
69716 76385 14646 94405 79969 88899 00557 26117 76540 98060
59027 87568 58100 21409 73735 52012 40197 58150 23008 97576
20977 11488 60231 53091 29026 21596 47492 10013 01785 51433
53370 55163 67962 92572 50833 03947 32397 83233 76170 38752
86785 55712 34887 82209 94743 55398 65524 60002 24605 98553
97314 32917 28425 61051 62628 02820 90603 15260 50141 22243
94581 57259 09661 62275 81033 91575 44555 18440 96010 65623
52711 59250 52453 71042 01969 47120 53531 54114 50962 86337
51224 72301 00000 00000 +++++ +++++

22936/20331/17471 kHz, 15-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 15-06, 0100/0110/0120 UTC

29038 30687 71254 36129 97747 52453 85912 12273 61386 28503
71751 50950 09904 85320 19854 75911 78727 58416 74651 18663
47146 27995 30988 97540 02411 83228 74249 12108 80508 69834
37001 20084 19515 00639 70559 88969 86501 33820 54950 39572
63902 48512 95679 23614 06292 72457 80757 02603 03522 41404
96414 20173 11127 94922 24950 85052 33968 38336 73137 06882
74021 25459 04651 52037 78280 41815 74909 11666 47680 93031
91825 99122 93002 28108 50847 18974 48685 52219 17772 74787
80483 08770 57739 07865 47917 35367 33861 84130 07436 23411
23912 71344 67244 35983 28531 73836 29735 63723 69351 16951
82442 23387 00529 98381 23481 28754 82065 48592 32383 88607
88402 67499 22297 11429 50701 29628 34458 21535 56244 74889
60888 16323 53417 27211 06259 19313 35680 08175 24844 08688
02995 37868 93511 25995 24115 40121 06693 94725 48208 94339
04251 03435 39222 01091 68207 33107 31442 53662 49251 33441
29687 32755 08963 77750 02558 66510 88709 51170 42201 23058
41133 51841 89009 27774 85171 09781 44700 22425 70554 53109
22214 08402 62711 76328 05860 41221 84023 90346 20165 68482
72363 58915 30836 28469 42857 51189 26302 51584 63802 65085
53256 31804 82692 01131 04630 60339 63269 91479 83464 38687

19547 13805 91080 13276 57753 44728 13013 98865 62115 32501
01133 82912 85424 93600 75400 28083 30333 62944 93681 15087
32307 52406 63071 93043 80174 97315 91153 29544 35214 95640
00649 77618 34712 69524 55871 01774 90927 03884 74437 30310
21416 41734 22676 26092 71623 40951 18156 92961 15714 22136
87789 59984 46554 62288 54935 10719 90792 13968 53937 49685
09980 54623 95558 23239 73654 95794 31710 37015 15346 06861
92953 37154 07421 33026 97181 47471 15714 73277 00000 00000
+++++ ++++++

22936/20331/17471 kHz, 16-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 16-06, 0100/0110/0120 UTC

0000 UTC: Carrier only

0010 UTC: Carrier till 0017 UTC, then F01 in mid messages

34853 22660 29210 34320 20613 75540 91244 18891 46614 77034
34983 12947 63928 49871 85849 77569 22770 44114 64169 39361
56031 98613 11140 14049 66043 18561 95365 32913 25501 23847
73401 39248 28478 47904 02732 47015 52486 91739 30635 78907
17497 62806 07356 25979 52882 53453 97045 96056 08201 38590
84874 43101 68764 97291 03792 94720 61933 88010 29338 20003
65065 32093 15971 04885 51073 85278 73328 27210 32503 01884
05867 48700 90098 21338 64325 65992 96764 31777 82435 87953
72888 90380 97325 31450 33934 05119 77055 52766 16274 07629
03710 56847 92169 71885 85511 51566 09851 58355 96357 39199
19638 88335 66245 62292 72025 78152 71014 46111 98689 87906
94839 04859 12326 64463 63913 03857 86291 83362 74765 94862
99953 19349 65638 66723 60707 00195 04374 78548 38589 23516
91240 67590 74423 41267 00137 49016 47445 41588 06611 49768
13330 82716 76138 43685 48574 58628 11090 80086 62154 01103
79820 23001 60420 47913 76340 43224 76135 31803 83971 30400
97626 69960 41463 17302 58957 58664 34970 33519 77086 02795
64363 30713 46926 34898 57278 46656 30252 03479 29369 00214
99400 35232 14181 34482 21685 00879 11097 50253 95473 39307
24781 96999 73865 19696 94569 13566 36900 46325 37238 35757
98242 35736 51585 13005 57276 20951 58266 01308 32543 62430
73330 24626 37470 70453 38870 21921 84321 68613 59251 22026
27302 53112 16340 13541 80769 27546 62170 01928 73473 17862
12495 71003 24769 97184 89649 91016 53744 75189 88172 40490
57192 31711 61612 34025 17368 99285 53972 73244 25466 24299
24210 63072 31766 61441 37250 60529 58367 81143 19936 48243
35461 94696 05356 49840 47081 26730 13994 29433 74268 00000
00000 +++++ +++++

22936/20331/17471 kHz, 17-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 17-06, 0100/0110/0120 UTC

17785 38619 92045 46510 85683 91812 78766 45114 09851 99152
01803 61025 38277 11704 47022 51293 69754 66171 86696 96004
73350 26034 03912 14079 36108 63784 22540 06882 49904 38981
16219 96876 73407 51775 94771 53465 30069 76626 91503 23233
28087 05874 99821 06776 13284 57857 32597 49291 90826 29284
02731 37133 76733 96512 48341 17505 65106 95454 51017 83489
22019 34781 20582 91597 42007 22104 44790 04019 28091 07852
27412 72775 81270 76491 63124 07951 10432 39812 22664 97188
98601 11942 46669 68655 86482 70793 71648 14638 59221 35620
36520 17981 47322 15375 43151 48540 77673 07554 69337 21841
35599 52224 57671 37137 23882 70905 28711 37047 29709 45006
91916 55959 35448 13498 52774 49397 34226 94519 39544 21530
36214 60587 98079 93009 76583 22107 28152 76334 61059 98883
59709 50913 10001 84293 92522 55026 86962 31829 47642 36875
22664 18691 04114 31889 70301 66118 19376 58497 53155 21146
56801 49546 90408 29473 68790 61543 12135 54136 08874 28925
99378 19664 71263 55529 10270 86418 81269 60464 78118 84786
85044 20558 92409 63931 12074 76577 98655 34781 08864 95406

78022 11939 67256 05364 92691 84210 95805 46859 07871 68431
07668 05566 26408 26281 23423 20297 96939 48774 12281 82783
81515 38115 20104 71530 93623 41603 57679 86937 42569 17276
47690 79887 45145 35978 53805 90971 90511 49543 40346 42549
69246 79776 35947 50824 02486 07930 99669 50135 32109 69344
12984 46632 57886 82964 46069 43539 32541 70395 71876 05192
50663 44207 26370 52016 92400 70155 38410 03674 07880 33026
77690 75251 00000 00000 +++++

22936/20331/17471 kHz, 18-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 18-06, 0100/0110/0120 UTC

88199 05742 70702 19012 89226 64438 90109 36180 28381 89951
82305 99909 58716 89811 71252 36521 19428 72957 41461 42671
39288 85666 11403 21141 59320 43677 87872 21403 79400 83941
18494 70912 58469 84442 84565 08067 23050 25517 01416 52747
63744 91116 18473 75413 24418 33455 36227 50654 13741 49461
82271 06162 93774 42495 13618 03043 25311 67753 37466 08426
74621 84796 67619 46277 11332 65654 58729 37395 52091 31925
85563 64482 29731 19325 59481 23269 92598 93103 99296 45597
63759 62793 98732 05428 14738 69696 57638 43680 33515 45574
69166 72871 91429 65956 80092 47465 38716 46530 66472 10893
83320 56015 91809 55162 32725 43996 39938 54009 03431 07126
39796 55516 27821 42143 24281 45145 13055 59153 90376 15112
31723 53592 52735 01057 48907 60321 07904 71923 15367 38290
51387 84014 81521 59200 14721 35125 11924 98615 14763 79733
04902 52949 32370 91142 47075 30758 62662 81551 57414 91810
04056 15958 00539 32325 78248 80858 73944 39851 98354 93664
98840 66213 27376 63779 69289 91955 94177 41274 39336 80729
59186 14100 52807 47065 46977 39768 45485 85951 87938 22447
74317 37674 36213 71401 53378 86347 56094 01720 01248 15569
94061 63262 29506 69645 78656 08771 27032 93820 15373 37074
19783 51946 68755 72331 10761 45030 48889 65246 29825 79097
44481 27194 48078 55815 69698 33188 36468 84300 16974 54643
73331 37559 32950 07853 30543 01990 59757 29131 92967 93395
08813 12550 90900 37938 59324 71212 50183 41458 98688 07998
89683 95632 46975 06719 20823 94366 32672 79625 28850 58888
11900 32193 40527 94970 48259 31134 07947 30715 95518 86567
63131 08346 50314 84292 23135 28437 67063 29090 50313 70030
52272 84999 97459 35057 80417 23509 92491 90521 98608 15586
42376 06874 12199 28500 60977 16014 68543 13368 50523 37354
81095 94348 91367 45395 61007 95452 19745 77241 48456 65873
98196 03488 60848 76303 00000 00000 +++++ +++++ +++++

22936/20331/17471 kHz, 21-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 21-06, 0100/0110/0120 UTC

0000 UTC: No transmission

46739 03363 20740 65376 34573 21855 46048 37304 26880 75563
19495 49277 11536 28156 55883 32626 06685 52852 08784 67569
50310 99014 97253 85602 55916 89313 85398 36041 89008 20891
81952 52671 44073 68969 52066 81422 26712 16337 58478 55023
70666 57148 74290 25565 44367 48485 34488 90907 26741 08099
18436 75877 56935 81792 80510 54183 87651 28860 71063 21998
96791 99033 14909 59127 37081 99375 39515 38727 28374 74542
70090 71484 22319 48867 33753 95209 94077 03701 39968 45779
40782 88441 29444 70360 91410 88688 08670 68863 57789 99968
12293 74546 81384 80465 60501 09725 55585 81190 03632 77514
28168 77024 71155 75541 13613 47092 67256 42573 69982 77874
80174 73985 20034 87519 97508 67022 21254 94786 44661 81777
14511 81044 88615 28831 06008 18788 74236 19492 62221 65083
85273 39568 22518 43401 47257 32613 59135 62262 14485 03582
39208 44136 08269 78835 68539 63036 98643 83429 21795 14236
46722 21625 88809 64557 49873 71559 91693 56664 56932 30018
52434 65789 45608 68235 15660 32351 79290 84677 56286 18875

85435 65722 26692 64682 22723 90199 23150 36756 29174 38710
76175 00247 68405 93667 94491 57037 16219 41000 17289 25820
54718 09454 54483 62104 66119 08427 19643 41615 43465 50278
85278 55494 60418 68045 15186 90769 67326 64511 53531 94506
05739 53555 75350 45091 58575 79727 28175 79076 78120 26984
19449 47044 59038 52514 29441 96888 48600 06614 54326 07999
11301 24520 09136 24744 90056 01164 45255 62718 31176 84765
62161 86178 65288 50218 18087 80104 61411 38193 69291 65332
96354 70905 92645 30188 06647 80476 71192 77061 15159 10831
47385 07368 49632 79070 73697 93310 95285 07253 15276 09911
48685 60520 84331 25725 65085 52514 10964 75686 16400 04012
80084 64522 02014 65721 89161 74164 79611 41179 06433 73608
08214 70675 34303 54652 20606 62160 07612 41944 67351 80050
81435 77301 00000 00000 +++++ +++++

22936/20331/17471 kHz, 22-06, 0004 (late start)/0010/0020 UTC
17532/16351/14428 kHz, 22-06, 0100/0110/0120 UTC

25348 63884 80667 76349 94754 17640 65782 97182 43090 19525
73010 06221 72203 81875 54533 91888 36794 16062 31535 56756
07985 44079 20902 94800 78393 17659 99522 56659 07143 37083
67128 07562 28256 86899 93598 07615 70866 30712 61675 69152
64676 32246 41038 70809 29115 94868 54647 33034 69617 36753
23324 84705 29479 43874 99478 75552 70702 68026 25948 14067
82297 62048 80858 35583 39455 69435 94466 30231 62030 10549
48910 85430 45796 32574 96805 22631 64869 15456 59626 32975
68783 50968 91814 41572 22610 37112 21541 55076 63602 55042
04072 72251 72764 20699 48665 62214 84810 28327 04941 40035
84933 28085 19664 94394 65830 04920 99870 46977 43420 50901
43285 48292 54687 48197 21955 39600 86097 04884 30044 35653
06008 10775 31734 07910 99526 05457 70146 72939 29254 75719
23250 15676 70325 24568 17672 02233 93225 79007 36354 61950
92780 28779 81003 43376 86792 13242 75256 73845 32722 98593
19508 77377 35893 12603 33335 30552 47631 29051 46461 61058
76775 19070 24188 18617 63018 11559 38235 72946 85487 29875
18939 18466 05031 96977 49721 90431 63619 26217 89793 22176
89325 39958 36013 98158 80299 83221 59840 82498 66186 24529
80332 27680 70430 61151 59108 93132 21886 70929 28218 28350
89186 77870 86871 00253 36309 23698 27943 69476 22755 62550
80201 45274 96816 21006 77203 73716 55325 90633 88776 38884
68363 45246 76045 81729 92333 00047 55929 66311 19866 54865
86043 48070 39956 88654 05959 23850 06818 97453 95732 68339
40847 92980 37680 86632 10161 04079 92286 37584 66136 48159
24232 07656 31396 64871 39446 39942 63666 29151 19130 48051
43957 78261 00000 00000 +++++ +++++ +++++

22936/20331/17471 kHz, 23-06, 0000/0010/0020 UTC
17532/16351/14428 kHz, 23-06, 0100/0110/0120 UTC

0000 UTC: Signal interruptions, idle carrier at 0006 UTC, then back into the message
0120 UTC: Stopped at 0122 UTC

42355 26191 14382 09891 32700 60506 30450 70412 24783 11158
49262 64011 49342 11214 08003 10856 53489 02551 22673 99043
93107 16613 85625 40985 58555 21669 95603 92398 13355 35016
12506 94828 50560 23557 54025 27645 96483 41199 76389 80446
16480 76501 06353 81815 02461 09017 16663 45356 46840 97765
62154 18959 32591 50268 18690 48217 94106 45588 92110 89950
28542 09815 89398 36755 62341 67422 69231 38537 02619 16950
14118 31944 28097 04429 91308 13653 99282 93011 94659 18437
92564 52217 84636 87964 87930 15254 68659 41244 64976 77838
88962 82681 86914 36961 10159 08663 77248 93028 23706 98610
18817 63818 11445 01458 29884 83698 35417 53457 96972 86524
46132 88289 69119 95678 26485 25382 43244 69662 13500 47396
95321 76707 65101 02808 37042 96814 64081 94522 02642 74679
76472 40470 95603 71931 06494 17098 49906 92129 15276 21724

85509 76947 95530 14666 62770 96984 19377 27099 65463 85650
01491 45568 67114 89547 44783 09105 60311 33796 60772 79870
53695 25741 81862 73281 66316 45474 07700 58540 74039 96605
52797 65510 87683 15733 87618 58883 67596 64035 90301 65564
04332 49436 51223 66217 20136 52770 97575 86911 70916 56388
30151 51802 53393 98644 89522 82777 47105 02698 93809 57024
45973 53071 15206 58438 59098 18395 87470 83820 85491 43789
61561 89787 92406 61300 51601 91360 51981 91853 38359 48131
15869 37140 22449 98978 32536 84879 44411 31248 36932 75913
13884 95348 67207 06533 15038 00691 88168 64512 80476 53916
26159 22270 50772 25345 45055 35586 61839 54581 18060 21336
27327 31228 74989 12658 08212 11621 29733 15002 86800 57549
17572 11496 87294 07876 97058 91059 10142 19013 96122 97724
72335 35177 07117 24563 70860 74370 60458 00699 11469 41023
31589 44817 69983 01228 60912 83614 78296 81514 91407 58627
52272 77099 53613 69881 03728 80533 52651 29786 03681 66712
37002 25734 89062 95165 53693 14816 30065 15564 19611 99106
00330 79311 00000 00000 +++++

22936/20331/17471 kHz, 24-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 24-06, 0100/0110/0120 UTC

05856 72113 81536 35559 46374 59848 28640 26783 48911 43969
03198 53235 68902 79755 47116 26948 54091 18788 57625 05742
26845 14288 82740 14232 07979 33976 54309 52837 80517 72643
19594 99456 16840 81608 57335 33511 17636 57264 89219 37033
36111 55899 22693 52503 85929 26922 86062 02102 56173 81867
41823 98082 82013 41053 89140 98938 44278 25389 91429 91066
96501 85345 89978 00598 42854 84316 89529 65098 15376 78573
26787 19815 23972 60984 57755 78164 77601 60686 24894 11149
00086 15912 89930 55375 88996 62140 43419 04389 91031 02767
26832 62983 92348 54487 28210 69195 47264 84570 37286 13658
93780 82211 71016 11004 29354 31163 05456 03011 45369 75811
74924 98168 43726 97911 24394 77365 84010 46141 26033 20365
34654 85677 95852 32784 26541 59990 71385 78235 32500 82016
36335 45341 21100 96925 03146 04291 58210 83649 89402 32643
54748 87373 49034 15054 84054 00169 44226 46607 17338 31958
69002 94462 50620 39000 60395 97478 21626 02084 58164 08517
40052 71613 98969 09109 79645 21776 55975 91175 09547 80982
59783 05479 35316 30761 61663 21508 57094 90298 25001 28470
53320 28809 55907 32089 03469 72929 08925 86887 64213 01315
28769 48649 50475 43631 14044 36737 65791 26134 13867 60973
55433 31009 93342 92745 80714 61673 28815 85048 37930 31227
18854 71134 70365 16222 21893 96463 46802 42969 56466 63646
04973 98537 24984 95055 83385 83654 46975 42812 89976 49687
12748 00810 81003 86891 93388 98482 48644 56125 68055 81006
40710 81193 54484 05596 60939 44038 53665 08621 23283 49938
44610 23201 58639 54924 90156 51974 97463 72579 39744 24735
76698 02431 40104 95623 44451 47105 89793 59545 60871 10442
98512 92521 18646 93752 37153 45658 31575 32412 89493 47405
64637 39967 41509 93811 04008 51955 69196 31451 90449 86613
10893 62718 64519 64675 34987 28168 97034 55434 38989 45596
03223 41260 40878 10550 64009 17767 48683 87941 02864 71809
19210 49474 91653 04498 41875 36549 83939 91424 08576 53347
99148 97277 80322 00000 00000 +++++ +++++

22936/20331/17471 kHz, 25-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 25-06, 0100/0110/0120 UTC

0010 UTC: Dirty signal, no useful decode

0020 UTC: Dirty signal, no useful decode

91237 16657 35776 81168 30458 80381 31460 39714 97951 62286
16211 04733 59050 36202 69996 05139 66698 03779 60706 53590
37285 67401 77492 56962 81729 79381 45465 33554 30263 59604
82666 41715 90337 98810 85269 49593 14097 89727 51939 00682

44855 53206 83287 54850 41020 51566 17365 09556 00888 06347
87125 30915 36760 62625 10805 49331 71813 67112 51137 99350
58155 52207 04365 08457 39520 43190 04971 64465 07020 30750
57066 16232 21403 76037 28381 87336 00260 40412 67784 07454
93600 57096 32282 91081 96246 86906 34422 18320 70490 25250
46049 97387 77427 52587 19343 13572 40432 45534 11077 94277
89194 90789 21046 44895 57758 69099 80580 35138 35005 01409
52103 40570 91014 74423 25655 68991 27744 87741 23332 26369
27456 89768 47974 02019 97343 94570 34229 77701 33785 96894
96350 90336 54653 27499 69648 03018 73147 16021 95538 64014
11550 53538 02731 58453 78372 72034 73286 82354 57312 82942
04085 93729 81465 41954 99643 20409 91232 32295 57215 29302
99349 83637 30116 86760 11489 68846 80204 64757 75858 45746
55468 72538 60255 36095 53639 18463 79978 58953 57781 31697
25078 60630 54793 98465 60341 08407 72753 92537 96484 40211
98054 04639 55963 87439 58258 00481 81855 13108 81608 62083
63243 32529 69147 92092 75541 08686 40363 85772 59200 39511
38307 00356 85226 79239 05132 76452 80963 61037 63961 91192
14551 13082 68062 47793 61524 85289 03226 31241 01974 28877
54316 84779 21716 95938 71915 86875 15893 51230 00000 33368
18465 13355 50595 54481 06009 67519 36339 21381 49279 17071
96888 21979 10949 65983 80117 10655 12991 49491 64031 61597
22124 55057 30348 80440 26751 00855 25673 53894 03855 63960
71208 42048 99264 75442 06937 43035 69736 24529 81215 84751
60293 39043 21719 23312 15253 34303 48661 52931 46388 47659
16248 56918 06648 00865 93284 54474 42887 57470 18886 22973
26038 67420 94211 00425 82155 81305 00000 00000 +++++

22936/20331/17471 kHz, 28-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 28-06, 0100/0110/0120 UTC

0000 UTC: Dirty signal, no useful decode

0010 UTC: Dirty signal, no useful decode

0020 UTC: Off at 0021 UTC

0100 UTC: Dirty signal, no useful decode

0110 UTC: Dirty signal, no useful decode

73778 07448 18542 30937 18495 13881 52368 45398 02486 17557
15816 20291 26849 96985 41544 94482 38731 26936 73581 14057
73311 82110 54468 11825 70108 12416 70330 76385 37031 56989
89779 90424 60631 89189 57612 42941 85978 09731 29228 45086
14605 30146 56705 04302 93946 13775 62479 36449 96739 66455
61551 20609 13782 94108 18173 26254 08520 69408 47936 67461
06885 74721 01220 63871 20822 13499 88913 13069 28948 07320
36365 04075 62777 20760 76491 26647 71949 81287 17986 56059
66897 86353 49559 18067 62396 14896 66152 63722 70430 85401
28065 08755 15813 27765 88924 17180 72989 61075 53448 33838
47487 94574 50916 99544 50411 93929 35319 75545 39460 80027
48092 40949 24876 52487 04388 27854 63771 55054 88825 63817
91278 25082 71642 92391 61947 94281 81203 79388 99837 32933
93782 05578 80743 54737 26581 75490 94972 24494 44895 97029
64142 35814 19386 11566 10411 51026 94384 79207 01588 20482
53171 48940 20562 23445 91157 68310 32482 97745 32925 12351
48132 50398 54045 36431 06929 66357 93619 82718 27993 57607
68487 94946 02721 19777 25019 21167 27296 88451 89460 09174
98585 12386 02734 24302 21843 85801 50660 44264 03677 06944
25524 10734 28700 55107 79926 42351 43315 03301 58857 38846
95065 08738 20928 30953 00985 48360 84707 55824 43392 91557
61086 62615 16570 27288 57617 77928 72746 87773 65762 85815
40849 35975 66995 02014 16430 09013 18681 47107 46239 34744
05678 48305 55847 63661 68610 24519 93785 83317 44727 34424
90620 07453 82297 92204 56406 57021 14489 80656 64959 75297
03641 16342 98381 44250 91897 46481 50277 94376 19123 82276
11097 25178 94032 98339 84054 78472 29493 52927 05037 31718
77916 08661 64964 03555 27691 58427 58026 88731 46578 86136

04232 64620 83031 17031 19720 36495 61351 37240 33254 13775
31632 87252 72350 34405 60430 59005 67469 79571 73092 51272
47715 45941 83678 63045 26471 67596 73425 29583 00420 04878
03679 30830 10375 42301 74235 26885 37371 82317 00000 00000
+++++

22936/20331/17471 kHz, 29-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 29-06, 0100/0110/0120 UTC

0000 UTC: Dirty signal, no useful decode

0010 UTC: Dirty signal, no useful decode

0020 UTC: Dirty signal, no useful decode

64066 42140 22315 46543 81158 30132 22076 80202 02942 02496
81112 61389 38393 24897 06640 95576 36923 29615 61190 76172
44248 13675 47061 75475 00953 50371 57650 70116 13396 62597
37873 11894 51687 31436 20851 79970 54386 38438 33060 75348
44639 65028 85115 43565 87420 97480 90398 36557 42579 10898
78695 49613 93375 30630 97043 94368 55185 94574 14978 93769
94076 64787 76357 09945 09935 61857 64952 40933 63821 20461
76003 47185 54262 89556 10914 93799 72151 25637 37279 19410
88950 52489 81432 67672 57879 85895 45702 42291 32782 46715
67557 71510 34357 10778 62843 93027 18437 69035 20280 95237
26005 96402 39419 75778 19642 52729 29248 03293 36081 64335
09622 93343 09568 59552 82720 34440 45706 56704 66706 25088
50479 27972 08784 07820 44137 87566 19830 11129 14631 77664
97809 35255 90289 50528 32134 42757 36419 70256 06169 39804
05515 82606 40080 59125 95777 26313 41188 80566 97615 84353
54039 50171 32825 98586 27365 83739 16129 96217 40126 65799
93769 01504 53827 79919 38842 31165 83283 31312 08050 96909
03042 47658 89571 63542 31620 69088 96736 36060 60779 63267
87180 74200 21995 26511 12182 57863 07324 56874 25858 51854
86855 10152 08917 43372 89931 74725 86640 50703 42321 26196
45800 26526 76544 47740 80182 04301 57521 27125 19415 61145
90749 66318 20784 95667 05180 64643 28721 44169 27993 61392
31662 83662 93451 48862 70948 95151 53034 91731 81473 85595
79008 13726 68749 92003 78665 37501 52090 16098 61375 88692
28596 62981 25667 00061 37623 82239 58514 76664 30429 34933
64017 08023 74689 34894 63663 38168 48553 37788 35360 29559
03946 76357 83422 81779 03791 65301 56708 90949 62853 24216
57085 60810 46875 92043 05411 01394 09707 31461 57229 76235
73104 46646 85356 84058 78903 62859 71550 85868 68233 41287
74445 13390 67471 27567 65949 19797 85627 57443 53287 58661
52838 67997 28867 02060 54660 87872 15174 33783 41857 04943
96869 78576 20358 34863 57282 53355 51080 38934 61485 51327
14303 64720 53138 94970 18280 07863 57292 18783 56778 18515
06330 67771 45227 00849 31250 22585 90170 79067 85462 87256
71708 28354 93291 83343 00000 00000 +++++ +++++

22936/20331/17471 kHz, 30-06, 0000/0010/0020 UTC

17532/16351/14428 kHz, 30-06, 0100/0110/0120 UTC

0000 UTC: No transmission

0010 UTC: No transmission

0025 UTC: Late start no decode, off at 0027 UTC

85085 95944 30446 35647 08452 48094 57537 51569 34042 24207
70231 32210 05828 39630 97664 60347 98123 43051 43908 34425
68653 25606 52212 83562 02346 83589 37326 22895 56783 89471
59323 16434 45258 50896 37363 39632 18357 62363 26829 58849
30013 79269 08296 69890 98982 69001 61734 62825 01659 18765
24419 05255 57167 04843 55961 61223 90699 52963 58907 87972
85991 44472 28344 77701 62903 47994 28939 36544 41042 81259
22869 17935 75347 32811 97057 52559 74593 98249 63168 42071
38733 10717 28791 08776 76033 70316 63258 18443 85931 02133
06521 18465 18548 97560 94537 58527 46797 18623 99596 85990
12043 69955 09024 33161 29214 68169 90702 38649 62334 63248

18849 69995 06406 91696 58479 39752 36569 66107 32002 32211
10490 30842 16385 82964 34908 38518 44318 78480 32280 26979
07819 67890 68457 01439 87721 04173 27342 51494 57481 56909
43444 57689 34723 63821 28298 67307 78997 13259 51651 44106
59153 74830 63385 21648 38781 20375 67092 14941 53161 02440
81252 70072 76151 82476 48943 56505 00456 25929 82022 31748
79704 06399 50723 33071 05796 86086 54593 75965 19923 64684
35722 64019 80733 13916 20191 39918 38051 39912 98681 32237
85606 40598 82180 77725 91205 50292 93723 23768 27780 88700
82112 40705 53748 56491 68533 98709 16138 44640 62035 88896
74897 49729 04784 93361 71829 12395 33044 33834 92601 21106
64819 53625 95253 48461 50089 12571 03651 12195 44584 99648
89309 78070 93028 92953 90047 46871 32801 21731 38882 92643
53934 10143 01623 44406 76403 07465 46589 28506 30644 34390
94900 13797 52213 00139 24768 26848 26570 70057 28222 29353
44870 88384 43726 74935 56751 85893 13104 87536 84268 00000
00000 +++++ +++++

| |
|------------------------------------|
| F01 – FSK 200/500 Mon-Fri schedule |
|------------------------------------|

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

42904 65221 08118 32320 92654 69705 50508 50653 48951 37901
42933 59361 72178 86357 16257 28360 64920 68013 10250 06874
00132 56788 15286 25651 00960 90471 05538 56697 08174 51597
62112 22720 96126 91001 09574 73464 23185 23736 14273 71131
27575 52039 17938 52065 04571 50360 49050 56901 25975 29879
26753 46353 87815 73982 31830 44838 97203 63074 74677 79112
34292 04731 02228 04126 50265 12082 41146 33261 87307 47388
34448 15160 31476 30163 00865 24319 34420 89533 15406 57635
64893 65531 34549 54113 75981 88990 14495 79880 98993 94751
95922 45744 99949 47851 53699 49442 59603 87387 34952 67099
00000

15570 92579 46300 11302 08573 32538 46880 48525 18139 56896
47687 29558 17985 77862 02894 65978 44484 44759 71397 88663
09039 74633 13609 50524 05472 57967 63738 06673 04628 00412
82256 95467 53359 86511 18215 68883 20109 76318 36121 45628
54250 70875 87052 85453 51388 07465 28691 08093 41809 70594
23975 05269 44254 29633 73052 19200 52221 39054 58222 86054
44966 62203 06545 67782 40404 04550 99827 20754 32089 67338
86651 74665 77466 57592 76140 20132 29580 15407 18154 28403
29423 68081 00000

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

64969 26080 71628 78659 31722 12425 74789 51844 87714 65201
94019 23578 16381 18963 17226 22818 84795 02865 49686 68906
29390 76721 32676 13841 73919 52408 92963 88261 39562 28607
08743 69932 33247 35691 97521 80922 25134 87134 51393 16655
51199 32126 37858 97421 01850 42403 89110 26756 82515 33589
49528 46377 57139 53241 24433 54915 10545 82741 28733 82581
90547 45305 25284 38996 15823 62207 34994 76335 60415 44473
91967 35008 50856 22192 08823 64034 36807 41503 80407 33318
21185 58958 74310 80005 60692 87921 81643 56108 72691 76712
65036 95910 93756 23178 57568 36093 85147 55372 70264 83489
68173 33042 32925 76472 72022 49594 15401 53335 08348 39248
43545 92149 86539 19044 28018 48537 71285 20402 40842 32189
33979 89924 38149 14366 58921 64120 52556 83525 90230 47744
03613 91288 30426 50434 99742 55928 26601 61343 82136 15559
05134 66437 70014 48211 40870 38168 47718 01033 71718 52184
47038 95692 94590 10792 43251 02246 03627 77834 96271 94294
25411 02294 49383 58949 80756 52059 06959 33567 53057 37261
89638 21240 17386 61681 90371 41772 23031 98104 79784 56865
96355 42581 34300 04469 81271 60542 85447 39075 09496 81838

13799 95167 86531 74389 35980 16001 04307 51136 58175 14896
16416 89980 94579 61246 36889 71403 74231 08416 40684 40634
84654 05720 31122 08721 25761 61679 47331 93218 72441 50723
44095 01463 69286 80544 58584 87839 05873 62283 37785 18698
46054 50731 08268 64950 09693 46743 56990 49839 30274 79081
09077 81580 36827 07594 13505 25542 83357 53253 98743 56775
99883 56391 11961 69847 65944 58590 28066 58843 15592 67951
69460 83589 52322 37205 46764 40428 63775 09213 72599 59037
06241 79849 73484 82731 24866 92797 32555 25795 59119 60611
63627 87566 31946 04236 77556 27949 46046 28171 26801 34022
35730 73471 39163 32470 47768 15759 76620 27486 49685 00450
80189 68858 88935 32369 86767 79920 51393 61953 28884 00044
92594 35219 53294 21384 40173 99688 19364 45243 09026 83462
63174 42805 50944 89621 38288 09808 92242 73148 69111 70008
24844 92559 77793 56976 04226 53430 70593 68984 33098 85995
94668 96666 13423 24032 01196 82411 64634 77186 75788 16180
20984 13956 22136 97437 59951 97493 09792 17887 34660 41441
22079 44693 08736 77964 65009 08876 17041 55180 23193 28573
00729 06174 73646 21851 90048 56775 93453 88754 33343 64305
22211 67282 95678 04452 65195 92973 75533 48491 48193 16802
12996 98018 59922 61048 87906 69393 42997 17856 31372 45077
19358 20149 99097 34045 61116 33959 87997 80485 42750 91327
38379 08932 35570 50043 13534 35066 30428 07284 24533 64330
____99 53244 54289 65572 33608 61395 10966 99892 14478 85027
90272 69431 00000

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

13701 97386 80970 87302 99116 74522 35985 04262 69418 33933
74407 12494 37593 41799 08367 53785 93204 24138 33943 13481
62763 87402 27907 72971 15897 68084 89490 87276 97009 09759
19357 48658 87113 91009 52972 22213 25534 52664 90552 64369
46151 97793 90786 60237 07890 62895 20507 40742 24133 83705
77515 65475 20747 04083 28737 82212 77408 01392 30888 99026
31920 26828 25859 29938 52202 84121 27988 70067 00000

87076 74844 14794 32224 93455 23365 83375 19396 22406 92450
44931 79970 50100 59242 41484 80681 68297 47934 96030 21646
78228 42976 97300 53902 47084 15264 49454 21673 88041 60041
01684 65121 49757 17948 65523 95532 26273 08664 15166 00912
23271 65562 66139 22845 41612 67337 58859 73151 64091 21523
73648 41708 56388 12852 91280 92899 18029 02105 05960 24285
44499 80128 14181 04648 86240 06723 27912 33638 15593 89077
85517 90174 37584 79448 58891 61814 05493 96751 80197 72256
27149 01787 36698 49183 72881 80741 07068 99625 21068 16701
37664 85022 02227 71093 00000

11487/9376/7591 kHz, 04-06, 1015/1025/1035 UTC

Null message 5761 00000

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

10951 29844 39007 29716 89771 57892 39093 80041 44297 12111
53597 46875 36264 92082 09908 89495 48753 21684 44764 53395
93189 52837 66778 01624 59799 86550 05375 78259 28711 97177
75853 52444 83892 70838 15242 16426 97103 93942 68645 36038
74055 52740 30769 77065 79969 29852 72301 55916 67100 87020
58531 88057 08697 21806 97843 99712 31976 03843 44029 56731
68170 35442 99365 67670 31943 88641 81872 86856 81732 09938
65210 63523 43385 01867 03644 51887 77398 89067 06087 00097
17470 79749 87190 24453 35309 58506 75175 67309 23906 71420
81090 62103 16448 89384 59181 53961 83067 60587 13058 49296
72602 88092 27359 92855 91578 93460 29584 95643 37571 52335
11789 62161 29154 12941 66840 90401 99624 33435 18897 43032
46677 99039 52827 13212 55223 04893 72229 33472 35545 15568

40767 01098 43968 37184 86476 18457 78244 63058 73761 71703
64820 78820 72745 96297 80197 37950 80680 02785 73557 43650
75084 61257 82841 98014 03317 67954 61484 04414 38256 42421
57966 34040 54784 28674 15398 92552 06760 98810 83301 47756
09163 82493 58793 04255 55106 70754 99348 36015 22398 67547
74329 12772 49340 87500 47474 81224 84453 23291 07534 86960
39816 31088 89236 48023 02704 07501 51771 16098 85217 56463
06981 86213 16586 69507 14449 40931 07833 67843 85667 39937
43496 79696 64478 90982 80080 51339 75962 63110 55941 15245
60987 28105 42278 63818 38572 41099 89933 02116 63282 96285
51671 78023 69828 18653 84641 13299 22057 77703 62700 83939
08526 34078 53287 23303 51852 55029 38532 46413 24008 59675
85296 18902 84770 79983 93823 19016 85500 48412 79693 66121
05436 48143 68755 14162 12700 86858 09753 33483 67200 79988
34297 29481 07610 54363 18899 71499 89613 08219 28736 30426
67623 88484 47849 48410 37125 71296 25447 89149 79863 56667
93016 42181 79049 13258 31918 79614 96765 34179 96157 88741
30777 89768 20023 28965 92915 88281 65269 86478 76236 80422
87545 25142 03135 68667 26741 56979 71601 07304 50952 80750
41815 04136 08748 62020 30253 59784 69416 53176 03507 05523
55901 76814 88994 25584 00089 20955 44754 74882 75151 19500
55507 28074 84626 16389 47180 20915 12928 36882 37065 69828
66960 14411 61821 80646 63545 46428 50491 82434 42323 77705
34719 47361 08847 34507 13374 82540 37521 58075 13748 04778
89106 10882 16526 34168 22456 54057 36710 67479 05176 19455
77692 17259 52901 24788 00662 27596 51878 05256 76517 02487
44523 60125 12508 07731 82666 37685 70748 32306 78156 07014
20832 20144 05514 90007 93702 08263 36325 52099 28987 32178
10064 75095 32975 84542 71018 60598 89426 37939 26031 37416
90400 67779 02713 71418 79292 36228 12847 01278 23264 23110
50645 48518 57214 14719 80560 73226 67628 64784 94337 88529
01589 40389 41985 13264 37714 72445 00000

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

34645 62088 70566 46507 05324 47693 55712 47915 95760 70803
58524 51778 76860 49186 34695 53026 80688 34301 80264 31553
80130 32633 12995 77797 10556 11931 01093 55138 75554 98609
93994 72545 03933 31507 34881 65919 50176 32918 59624 11566
55545 82861 11842 20227 12015 07497 28758 85127 96229 17647
77547 82453 65656 58351 46862 73055 00000

54057 23777 95640 72571 76766 77793 19936 24381 83869 55292
82936 02611 82253 47106 28037 33330 74537 37035 70508 61284
49625 75681 21878 84354 48734 28189 51158 09050 11606 04282
64017 53968 32582 57374 02098 65176 81222 06443 91116 00429
67174 79085 40912 43176 53954 99208 77643 32294 67794 01243
17539 18477 41130 13009 15839 81293 22011 00557 57819 37359
34581 50051 22924 93035 27933 20905 87872 22963 02885 61441
57386 39015 29204 46443 22350 66656 71676 26673 03575 09461
02090 82720 05756 07570 10983 30558 19890 84349 49050 06847
75616 23115 70508 90093 91767 71173 25010 76366 48510 90429
53140 74101 00000

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

40453 84899 29403 94239 09927 70428 30940 86928 76024 02361
38754 71345 47810 24538 39603 94056 96956 64532 92420 30071
75241 39893 53280 76436 26280 35578 56327 25625 96195 76020
67844 04636 72890 40260 55658 90761 08624 95374 41061 39952
05580 34060 25442 88709 69130 77588 10880 61466 58308 29547
42387 72354 88730 16932 82520 23346 66724 78993 37972 49662
60276 40120 27924 08406 35942 13241 92774 55365 16578 07241
24976 67903 39563 36820 12064 28889 20194 58227 09885 70900
49949 79315 82630 98532 84297 17346 93580 04065 99748 02986

10879 71898 24827 53935 73397 23228 74663 66625 42158 32569
43883 99404 10066 45185 37482 45688 61351 43306 44381 20468
97907 45253 83344 08651 74708 53908 75943 48643 11498 81275
26268 49631 72934 19275 12053 65989 34380 37176 16925 77254
75524 18456 58448 47103 69023 72761 91659 59772 56349 83893
92775 57356 28035 79780 52766 26427 50494 35343 35482 07393
06621 44224 80011 25071 42339 20296 51397 16386 73298 14886
73405 36036 34901 60669 85992 16438 19853 78159 27230 42244
00416 05727 24300 01011 47554 39098 35305 55580 12173 91261
92540 79228 94612 08719 27519 95077 57608 80502 78241 74216
99892 97556 37601 47936 32631 58415 10050 61572 25874 15468
02139 20337 17218 64387 05691 22609 99861 85477 90857 33111
23242 21652 34557 38844 36445 17130 68144 07207 77565 05096
49014 62748 41215 02949 85815 31988 51367 62463 71964 29733
95715 65339 07144 85348 50739 17287 11496 33932 36652 62589
62139 10081 53512 78065 06784 49997 38407 38390 34052 46495
81349 53694 05237 34236 71629 25387 77169 21283 44077 75145
70893 51208 83321 34987 65823 92636 65273 23397 24076 79666
52985 93409 74672 51615 89105 63613 12284 65507 52091 67995
90207 97673 68410 85574 12344 32514 97814 35758 53592 62977
34038 50354 63808 49349 87947 58189 34556 61623 45428 43252
33606 52798 17157 62316 36796 36900 22457 32973 15638 22572
57742 42800 34441 33464 58513 37054 39416 40480 21759 81508
39829 18290 14841 93547 65492 35569 54160 95284 02539 75791
22389 50380 07062 79215 40859 40396 39660 59185 07314 92379
24424 66191 47616 67036 97314 98112 91732 46010 63346 80096
40766 86651 43435 62501 50392 61744 48538 10345 71840 33175
91782 82688 42588 74149 43266 25410 43949 25871 57226 25783
67736 99635 26255 02319 20711 60276 42259 28286 28456 51883
68837 12384 47449 51759 54779 84954 74905 63525 43356 63213
76180 85325 57109 93922 30370 14074 62807 96936 41799 20426
64626 58068 98097 64103 51740 44704 42049 09468 65501 42624
49385 95678 48408 37429 29737 53970 47043 89054 92910 59034
38165 72777 47687 91761 86152 85166 25325 25506 18115 38412
44958 21841 46377 75433 00000

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

50620 14469 02518 87578 61372 78178 81221 15538 27869 44453
83029 84062 04545 81223 49344 05597 50187 40204 02680 87400
49603 62986 13770 71996 34612 79744 63824 92164 77793 71699
25625 20186 57415 89547 24408 16001 17003 45032 64465 03986
67968 17844 32418 33033 08745 45048 13072 99610 58862 85208
78818 38508 31405 74418 38509 10939 92276 16399 56728 44696
79732 73881 79430 06045 82591 53436 26849 08040 00584 00954
39633 84962 35259 49948 89146 87548 84909 89892 87859 78715
41919 46750 60781 34452 16004 76085 00000

52153 06243 17350 25350 98379 07325 89226 00558 71038 41131
47821 26409 29974 10665 02076 92210 99738 03790 91857 75113
50121 64651 88862 63347 06087 12090 32369 53781 29283 15942
54557 97218 98325 67208 75049 89903 60035 02997 69394 34647
28821 72186 41150 20014 76399 52760 52273 92102 79022 56729
91502 09797 14429 83589 85442 90554 25673 08262 81796 30465
94046 14431 60208 90733 88026 90932 49099 61370 82129 80255
54464 78107 57777 80688 29619 28872 36845 53734 40708 00258
06588 32033 07758 51455 33235 73169 25881 69041 79730 17128
96352 41098 70056 76674 22230 77095 00000

11487/9376/7591 kHz, 11-06, 1015/1025/1035 UTC

Null message 5761 00000

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

63919 19923 58265 08839 17048 65115 17060 42241 57689 18805
49516 82694 41322 96431 98156 44333 21310 53272 56618 56661
26683 17072 51591 67934 47825 60230 22490 37323 66007 91227
97335 08022 87709 69972 88248 78510 69659 76769 55025 14144
45541 89580 10204 66262 90292 49277 64079 91007 82939 17573
33098 85035 53908 57310 60063 80311 27740 89804 19601 65169
97157 08929 07311 23835 89422 56613 36050 11592 10899 89472
87785 07774 80795 91219 94443 13786 89996 10579 46205 88322
45924 29372 50681 36993 89383 90460 91401 98514 94308 40251
59058 94683 86360 65426 53942 36305 41312 28613 83006 02260
49152 32655 99996 33910 54847 68191 62087 12020 11712 24220
01455 08388 08299 66341 35234 29369 54777 12362 62290 93480
39707 59944 20242 10280 93173 46010 01181 52695 17196 42550
49514 40004 69368 18561 90376 73642 10653 22779 62048 93032
53277 66897 50812 43621 69660 13969 51686 74306 48318 01663
03481 06456 07674 55075 71599 41680 03717 68783 77043 00580
92450 62817 95033 09626 33058 42247 71705 78375 42731 15078
32303 34204 39095 48120 79324 06755 31169 65551 04030 79266
44800 19826 59783 49000 93508 89643 70636 63921 30674 84661
73607 27848 44017 61618 18090 91241 78295 81581 70826 69825
97163 62995 99890 58228 20129 10211 36099 30833 95545 22201
35319 47019 95577 11126 90074 02988 44074 85465 63923 97353
13292 77373 47012 02701 50400 18971 56265 60277 19717 97245
28647 40021 71594 42252 80910 33109 73906 28304 34309 69213
67076 92839 27669 75648 28568 02652 67290 20602 57796 22165
87092 07638 17377 63458 17460 13651 91664 22705 86210 87473
48521 32732 00133 51303 15229 86379 80527 72165 04516 10345
51187 95564 51607 94203 02261 58549 48251 04302 78430 24342
84662 37183 64838 05749 35299 92269 69217 69524 49439 68462
23635 38881 32469 14349 54317 36327 28839 86725 92966 34027
42611 97093 28030 03870 56548 50842 19336 84431 35670 08789
24556 07016 26223 25770 10919 47972 85993 45974 50610 99459
06915 59697 23311 75866 15885 51213 74291 98057 64753 92444
01518 22637 45404 62121 70196 08422 90871 95115 78197 37314
48429 91638 20793 31748 35590 40990 28153 35907 14956 39548
74030 52906 48845 07677 79074 55106 19654 35257 57212 09775
26867 10510 78531 87250 96673 11814 47108 43829 65112 67196
17213 96532 20696 11187 96327 31972 17440 93719 08424 16466
94242 20783 15930 99627 61545 31481 23824 28590 41226 41223
14298 15069 70637 05702 85420 22436 06758 85366 92249 65009
91366 15072 13812 36733 63200 08585 94409 11437 28010 52648
32676 81872 22475 70280 16824 29700 32895 54611 26668 70828
27844 03083 00617 72662 68073 12559 54789 03166 47196 83295
94539 84484 78435 00000

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

10973 02733 00358 36046 94510 23016 51738 77830 03119 40956
98265 06216 81905 09710 68784 55738 30087 33057 95645 30414
54048 49427 78590 41915 51971 23838 88189 45504 87250 83678
88511 72153 42850 59280 83730 80299 73818 15210 18334 75660
00124 83221 85640 72555 07018 32808 24301 95172 45100 40287
07478 42209 47282 42358 54385 63328 04831 85070 18884 20875
69677 04143 34812 35279 75195 97560 22738 37587 92608 76402
87834 77562 65242 04823 63547 79075 00000

62453 32801 90426 67104 13783 91276 62454 78739 94565 33919
97823 08247 15866 61464 02016 67682 36168 32419 73047 49347
03096 90438 31908 46736 01865 25349 21453 17758 15167 91305
90946 76190 24163 30515 08432 22284 05279 75965 68124 48471
02493 31596 85005 81110 79789 53345 93821 44194 83485 79515
94654 55982 69106 83892 12269 94467 72492 50056 61411 92636
29843 90317 35256 49450 76361 57727 59187 67481 78211 24584

77092 53154 77457 25883 62368 40521 54675 67911 50820 24501
38939 13087 77643 14543 19844 26467 65674 44624 41280 95732
57095 80091 00000

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

28160 43180 06460 67496 39543 77476 97548 84559 50817 52984
17570 30951 83639 68600 89004 34097 25220 85731 20720 22483
13757 49261 81542 37290 15392 66034 61436 82025 91091 33051
81212 14825 76917 32551 36715 13119 26110 36182 88409 65350
86428 85442 32329 69430 11175 40570 13298 42620 27355 15088
66381 72527 09402 38171 97494 63899 31907 12043 39109 60906
99784 56567 41997 49604 79326 58249 88940 70257 78559 65803
41364 94208 50372 99501 54798 44996 16820 66472 24145 68386
38067 99149 44652 81031 74389 59050 99557 52414 14687 73067
10327 99792 69933 94483 10423 00815 55004 05860 28556 53499
07328 06025 92337 38263 15780 48322 88285 61689 58279 22319
39111 86725 71505 96156 84230 78987 01189 61738 74439 23867
06396 49928 16678 94131 16269 07968 29838 72692 62630 56277
97539 60245 36915 66843 28819 22451 44846 30380 62663 56363
57316 04437 77326 80779 80880 59661 90379 80201 96328 66389
60408 57103 38760 88754 26314 72181 17589 78503 45151 77285
99946 85710 14434 70707 05883 28570 89858 29525 88829 89460
34362 98683 99759 29463 59481 41502 58464 38528 44922 81292
80404 63471 47295 88780 32567 80989 33949 95015 16753 07884
02835 34455 03757 65680 74345 47910 66855 41826 66067 00048
88048 14663 86378 91127 35499 34350 07828 67660 35593 76935
06244 61691 88071 13762 76495 13369 97668 63387 60861 56517
20681 18217 50924 71873 49928 63020 48940 37691 86520 27548
99622 32397 71886 40400 28271 68986 78487 76358 46184 65835
82663 14371 09294 83641 68047 48352 40965 83151 32978 18018
54890 83383 00358 51921 39016 25027 53389 39877 86447 68700
45628 76982 84260 82761 58787 46394 96160 00363 06739 33066
99926 50418 09138 85637 65582 92199 83113 68645 85222 08223
26472 72260 90435 35124 90829 71728 18270 37215 68132 53708
11662 52400 38989 51690 65283 65142 56259 57683 52729 86171
62333 02361 95997 43613 63537 20851 63185 15235 10113 46360
05350 56491 55189 98807 68464 04060 91205 60684 41408 59547
87210 57286 25937 83065 75477 83542 39552 51354 60871 44615
87223 60142 51408 02442 62899 75438 33449 45438 66737 63427
39951 23523 48991 53677 85229 15666 16501 15325 64656 22145
62716 50947 42742 98692 07192 37783 78032 74726 55492 71022
58255 22853 15451 88814 44168 71824 30699 83722 45520 80138
17438 30271 77596 12476 15353 83312 71757 86152 88636 26868
38416 79780 38040 78150 05905 21324 09904 76454 83651 97737
13093 11586 23108 53370 79781 71541 74876 69332 31025 14108
65460 41004 33048 92072 42080 95872 55204 81407 00000 +++++
+++++

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

43905 70715 26624 22903 50183 52197 96095 38662 61519 24201
95916 52689 85867 14952 84471 18217 70909 45455 54758 15044
64744 76684 89063 16697 20420 76008 09840 38538 05256 07535
50207 84027 00884 76079 92516 31314 04951 79427 48430 27342
70423 48590 78926 81671 43417 80726 77696 77190 85509 94441
66352 39905 91456 62127 74891 35006 38262 99041 05848 81387
26522 13814 05574 01811 00006 50070 91094 50905 54387 73849
05959 88180 71076 86511 03530 88249 37087 67827 81164 05452
36875 82081 00000

98573 27501 53409 74406 87082 65979 48433 77423 15371 42096
45663 63104 22986 83936 12255 75902 50524 61154 04864 15961
58057 45862 17805 98680 16703 39228 59831 57348 15529 74746
14207 62273 50972 34099 61778 54859 90974 36553 71708 20065

31002 87832 89586 45671 84151 99398 77580 41806 72529 14081
86328 19165 12083 98986 63262 49351 08075 91641 27038 55792
03395 10284 62766 08653 46891 64258 17739 22193 73902 25449
02321 78004 16188 46676 25715 22562 83444 38015 21272 12531
83582 36949 41036 06266 73970 33319 24229 24933 60816 34990
69328 31709 88878 85179 64466 02475 88711 67381 55799 86454
73597 83101 00000 +++++ +++++

11487/9376/7591 kHz,18-06, 1015/1025/1035 UTC

Null message 5761 00000

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

39577 05731 70855 69266 55249 29854 26429 52678 53863 99728
05043 18025 72336 02653 31736 08237 89069 24354 78772 77782
17102 08529 32097 68662 02843 44218 96941 82206 03791 48193
78532 26356 43709 34560 98830 43123 68672 88746 35250 45916
52434 88081 92277 21411 24540 36136 41952 75663 19645 03030
94114 29150 71446 88870 82392 90413 99693 52538 76840 63022
63697 72979 59176 65501 80778 35211 21556 68958 33099 58222
74818 82054 11308 06956 77141 38038 68442 55553 19047 63514
82517 94072 25686 33636 51250 95829 62355 43414 67340 87590
54166 49822 47768 89771 55813 64396 15521 18852 32380 01008
57208 69177 37116 08493 04985 16349 97122 42847 16237 09380
42889 58643 49453 43808 42615 24385 59724 32958 27248 91469
62313 19528 17189 71452 37728 94702 86595 01301 76732 16966
26212 01319 88740 47820 90683 55445 22027 46572 41270 68588
69183 91399 19914 80714 56279 18874 15593 42349 39142 99120
08892 81198 55205 88817 05740 14571 04365 29213 96236 87284
57271 81347 99524 39753 14503 15672 80626 35934 65058 98246
50197 05827 17600 40715 83115 82207 02886 06222 16873 36297
70839 88494 15676 42032 30673 06238 11212 23647 07532 80059
56013 66233 14059 84102 50351 93983 60359 89565 28613 45799
50767 42309 16079 02937 40869 41735 92051 48411 53226 13115
20271 62807 75213 90569 32547 86215 87434 52879 76563 00965
96139 79309 63765 14843 68079 17652 78289 49497 91240 81647
32872 63688 09902 20006 82654 66109 07437 24185 32844 97429
35314 67127 01165 86272 11724 90147 21018 08803 38270 80146
96312 06618 08168 04344 43894 42624 04380 94725 84499 99590
11138 99375 68197 51066 87273 42898 45222 59345 74808 63101
18176 80178 41228 16149 36497 78896 78895 67344 19161 87663
10024 09755 16541 58514 70651 77854 47364 91897 72067 48369
71704 45375 63105 45522 85942 52205 41759 92856 50646 04459
89555 78833 87292 80384 27108 28380 04769 20698 14313 97585
41612 83478 43600 33735 34892 32376 99693 67848 51703 37797
84315 31940 44186 95774 29260 18170 14025 94194 46294 22068
97351 81075 87309 37042 06001 14590 13157 92332 86048 99504
94624 51613 79571 39742 93968 14427 00574 61733 00459 87641
61000 88270 18357 19107 07795 67525 30780 10714 56926 86933
87878 53029 35326 26636 92765 48703 66673 32147 83639 16834
61962 10961 35540 95477 00800 82759 30159 84484 14354 37933
67170 95865 05906 84077 15488 03853 69937 85174 27908 11865
95687 23135 67574 78550 66120 36389 19681 70101 88241 15221
86883 31021 15703 58518 91832 90543 49620 21650 35266 46875
28564 84411 00000 +++++

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

35127 85145 34494 36420 41514 67086 34360 87257 56660 64693
17229 02996 78546 71266 41556 10745 91926 31543 10889 02545
03452 86079 39516 82326 70254 82918 54531 95008 39176 42469
64018 86163 38825 86560 46035 65676 91655 67578 38080 73856
38256 58652 31746 73425 91027 90800 02226 15813 59443 47999
27376 55218 14089 56087 76016 08858 81641 26463 70154 86839
88010 40502 50822 40109 91800 85634 02220 99893 75296 79022

13841 07091 85155 39768 85276 55039 39994 95599 03379 94098
47058 34961 46486 85083 00000 00000 00000 00000 00000 00000

72305 97985 13874 86434 18285 64981 71756 77373 15673 40675
70435 54157 28154 04003 82208 41334 68779 46760 73745 85707
13831 36659 90117 20223 40995 01961 46732 67402 65300 04886
65118 62019 71236 95979 13500 97700 64503 66615 38083 27136
91835 41842 96013 70597 02319 80738 25924 12439 48656 76482
17023 90276 51809 73313 62649 06528 77459 42575 09246 17006
97715 85030 36669 76252 36523 51628 30796 44288 22194 99920
34347 84489 95507 28311 86865 07256 46813 55316 89807 39168
80575 36045 57651 22325 30795 33063 40991 73538 75752 83841
32535 58087 25503 31981 91954 57698 80554 14383 50515 37464
85190 21574 81432 86103 00000 +++++ +++++ +++++

11487/9376/7591 kHz, 23-06, 1015/1025/1035 UTC

65120 52921 07608 74121 70448 87708 61241 35602 18540 02195
56850 94654 44531 14230 69493 30653 40687 37060 00043 96174
85980 20994 52275 46215 10932 71348 91316 74145 96138 34838
44363 59091 27934 71613 29635 54432 59609 55138 24482 72092
51642 67079 08594 42326 89368 79401 43239 53681 01530 40863
72481 02817 28138 10093 57303 08880 11092 02429 78579 72115
05995 42726 69832 81407 38584 41300 65716 00428 54246 35201
77154 87088 34018 62020 29078 25981 75543 58386 21698 78493
62399 00368 01256 80289 70246 27955 51171 40841 83224 20810
39555 24690 19046 17474 83991 19148 86218 95220 19552 18103
21827 52738 80964 76624 83330 62835 34890 16064 92788 87353
23216 84322 56975 71468 03343 00993 11807 59579 96367 42038
64523 99966 79116 43721 32059 30407 80970 30455 99045 61928
71402 96262 43883 02902 49183 94545 06306 90655 69182 15835
94900 22786 67702 58219 57998 05374 72286 20139 66381 60275
06941 70222 81246 58686 28695 73875 05861 73163 56458 81282
44341 65287 78090 06525 16007 51160 46640 52509 98731 11924
01671 61366 99738 41478 76629 95044 77273 48605 78192 75751
61593 55665 48505 40958 48713 61066 46286 92630 65341 57692
07709 45397 28438 24474 73004 03323 47854 33291 89730 19985
45460 38394 28630 21542 89224 40536 73033 97469 65667 42996
67726 88669 39131 41684 38235 27621 71307 16519 16449 10277
99452 16259 33539 04380 96735 53980 66092 23899 63143 55386
46410 24257 20405 27135 72900 98058 09342 37380 81509 75982
13109 25692 64120 62542 54742 84580 44869 61400 42472 79769
50303 69916 61212 01438 34326 47622 33694 63606 43864 88308
99655 93848 36198 50420 86541 80527 83884 25426 70136 69741
28218 48880 48589 29152 67164 83831 78240 20914 88707 31298
44714 50852 85532 47466 67695 86117 12012 72327 62836 58468
69395 99421 09234 95394 30177 41381 95908 46265 37546 70965
45718 95664 40881 42274 40164 81147 53216 21814 93500 57556
41612 84127 49606 75118 86382 51654 00043 63498 70098 83515
46747 38992 82321 42919 57784 77054 50989 97860 89606 17351
36411 34812 74258 93506 48784 90087 94949 04761 75191 28575
98458 71693 27009 24516 17778 43229 43661 24020 03458 47094
13654 94013 87075 00919 98840 87294 25274 26169 72843 78391
97800 32104 09571 49910 57989 61937 82772 34056 59124 18388
62569 39016 05114 10823 19886 14901 98924 91158 74738 38917
87204 70730 49304 24464 24532 35299 11715 83853 05736 00391
21506 99319 39716 74155 12675 82022 63209 19938 75258 23728
17930 35739 21395 70848 39528 92753 46793 75535 31805 00192
23549 03511 24612 88544 85242 03323 38889 28500 90266 66715
07261 27687 74310 34801 23641 72447 27940 29718 20276 06804
60212 16464 95671 87433 00000 +++++ +++++ +++++

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

11302 99951 51671 55482 39867 09856 32183 91002 72430 98153
54501 73838 78264 62851 41841 60946 21624 97551 98912 34357
80019 01607 56427 92428 44239 98952 59056 58385 04795 89089
14027 92078 54472 78609 42562 15909 61699 66742 01336 90844
94381 83336 66125 03481 98934 02720 94877 50057 64161 81879
12338 28405 24694 96387 83462 73725 83665 72530 67779 99161
59310 39056 71898 27094 85179 46996 42350 22090 18654 30982
65949 88071 00000 00000 00000 00000 00000 00000 00000

60805 47345 74851 61625 42829 15994 95032 68624 15199 99405
93225 31964 27268 04077 75619 26123 44076 93468 25797 75435
94393 21956 43251 90434 71205 30993 92945 59381 08066 24669
51834 24643 79783 66839 63303 98635 00850 67041 35455 98993
20058 47352 44178 07673 34762 07397 26940 83662 73188 29696
78238 84003 18261 92516 82653 72784 71364 82445 46435 22826
79487 23849 13558 39722 74178 67417 77191 62926 95759 04976
22516 23591 01234 02758 61824 63819 79313 70318 47845 47036
21021 07279 76226 14157 19294 95098 13122 65249 96028 26043
08800 71367 80001 86554 83240 46248 84112 37201 94629 89099
00000 +++++ +++++

11487/9376/7591 kHz, 25-06, 1015/1025/1035 UTC

Null message 5761 00000

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

61141 43526 34034 77741 68451 89533 90938 94557 03742 70769
64678 19327 99266 63322 84795 20251 73447 21381 07660 81297
31743 75349 75784 42552 87155 28100 67873 94180 48797 91569
50518 78697 51958 30870 67504 81213 28127 08098 27645 12365
38379 43055 77086 13609 18583 33038 67031 39562 09868 98900
52802 97085 72776 49576 85191 45785 08545 82241 80038 89638
35955 60313 76962 14410 97187 36465 23194 50562 91115 12851
43441 66341 57478 55721 81730 20725 60372 06628 26157 30917
44494 57385 52481 34091 62574 81006 47509 48049 97446 35766
98201 60497 27173 84608 57438 01627 06680 97067 22378 79672
64337 25899 86360 84161 36907 75602 50276 86512 91322 05027
04348 92691 06707 31248 16255 27606 15090 26904 86554 55922
24260 28164 57312 69002 71168 95547 84901 92630 79349 94746
12896 95240 18776 89663 06001 01311 91595 64843 30955 39623
92184 19482 95339 81074 14952 00213 80244 45731 08339 64843
27706 83797 98445 94236 68881 60208 30723 94533 03873 97517
03172 56880 69151 56777 89478 66875 53523 61087 75533 80902
48558 91516 57768 11554 44434 10068 76735 89315 07132 89383
84397 92712 97903 53878 68525 64100 20983 61984 82679 53284
10432 84195 55185 56164 92107 56603 75553 40578 81648 14603
81776 76550 04441 36471 96948 13115 48494 51485 88629 68905
86162 92290 49406 28713 25652 96182 22086 63180 78251 85012
17944 13828 52224 78384 01492 10601 09291 19852 40172 14130
44661 20779 42441 99872 76521 51571 32663 26350 55945 34954
36264 54644 33146 20994 73568 11359 41016 48540 85773 12218
81888 22785 41484 88504 28455 63617 97254 83510 74791 04472
10569 11200 98408 46353 28706 94263 19279 96717 01912 23757
66774 47911 94335 07507 90452 74845 91149 99473 75625 56593
25301 27265 49652 51609 72331 59969 89894 81238 86698 83521
69261 01222 78040 75769 00301 65873 50813 98431 63756 14624
55756 48146 32532 35610 26601 33778 27014 86010 00476 72197
62669 73795 45439 19685 75869 30603 43578 81187 38874 30406
03115 64578 99914 33672 97943 72134 09311 61699 58066 46399
17558 30813 59320 12639 56331 01115 85879 85058 38327 19468
63938 28979 36902 61414 90024 96156 31424 01698 02381 75439
29287 68090 68851 25936 00528 58208 89702 84899 85970 24006
38833 67498 64852 53624 91791 00672 92846 05300 14054 58260

46450 73007 07989 89583 34640 88529 41954 58669 63765 89637
09958 36315 66590 09074 95323 12163 31440 64027 36800 18987
92380 50778 20542 86375 66368 74206 46419 65991 48317 66855
42068 95605 00003 77233 23144 94085 93760 32033 23190 04526
96904 90411 00000 +++++

11487/9376/7591 kHz, 29-06, 1015/1025/1035 UTC

37765 52550 13089 89798 73134 62310 63469 34636 87290 09407
12855 12717 41555 40561 70426 22749 68507 88863 27580 26476
75666 60919 37439 64977 20748 81914 83915 22727 25704 34524
20006 37837 21704 52607 80023 81941 42275 55625 95432 58131
06765 34720 68985 90408 61322 26389 86855 03072 69600 34696
73438 13479 70330 87953 18519 86641 44001 40819 31485 25051
55789 57732 02292 92216 66960 38644 73833 93318 31906 72967
55446 61431 23014 32680 32199 91075 00000 00000 00000 00000

14804 39694 42542 25650 94929 82031 06032 18415 16871 90030
76079 11771 63605 45262 68908 03713 84463 66125 10281 66868
36695 84452 62268 01126 42376 98776 33332 02771 27826 40195
51387 48559 37745 11763 04544 18176 41231 87367 79209 03502
71890 81012 50248 78144 69211 22438 02869 25648 13398 00042
90948 49845 70845 57013 61463 15763 92454 51629 99719 94542
31954 17650 75078 10797 76440 85747 91851 15843 06307 51907
75061 35258 26755 03742 45752 64183 38082 40649 65542 08825
36912 48760 55095 97575 65585 16603 16212 10216 51871 02435
12217 98599 06203 89162 86338 97305 68622 87808 22763 47643
22614 75441 80048 83493 18026 92105 00000 +++++ +++++

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

Strange FSK signal. Undecodable

F06 – FSK 200/1000

Link 00052

15609/13424/11516 kHz, 09-06/10-06, 0800/0810/0820 UTC

11166 00052 78134 09086 01989
08148 23808 58622 76320 13238 16462 33196 82193 36120 48451
93189 72903 49846 42767 55083 13533 06770 86016 13221 57330
09568 10356 43204 31400 14234 73171 94047 66229 75342 32949
61288 30017 61396 44783 58251 53712 23794 23934 27634 57716
74089 50911 60620 16185 49249 16478 15697 19865 69580 30050
54363 23399 19019 39898 35927 88046 02476 38617 38568 55753
59914 52275 98854 15495 41861 36701 86913 47857 76022 29327
59423 58767 79707 30049 57631 38326 97733 09517 42578 05677
70515 68311 84714 25842 62008 95429 50102 09474 02213 99533
50382 31455 23907 11382 48702 29275 98308 80897 38787 67140
99356 17295 39343 76739 51284 45715 70977 10603 39182 78804
07833 69003 87245 26668 21109 86327 34373 93637 56665 87856
61824 35303 13903 52892 52610 74222 18095 45173 87318 97771
03363 96511 06040 86555 48484 54591 91100 46824 32728 30855
50292 45325 03882 09442 05259 70049 75690 03087 14763 65272
96861 66931 87496 14370 58853 06185 64129 68810 34608 38567
73284 46783 65440 97482 91126 49891 38251 86839 59254 71351
20262 23484 40573 94125 43456 28152 17852 02447 55919 50912
64640 55145 82253 42000 43232 94241 60269 04016 09378 87224
46129 86398 28409 26455 05137 08126 86196 00000

15609/13424/11516 kHz, 23-06/24-06, 0800/0810/0820 UTC

11166 00052 15476 23087 01959
38205 62004 26411 35574 42475 34466 67224 46934 36120 88899
80353 33695 30374 36813 75068 75877 48687 87144 29436 05684
09745 63396 19728 73303 83612 86488 78452 55798 03232 34276
35678 82485 85083 13660 23346 75262 24575 06236 47266 27315
83310 73417 56471 68636 10446 31964 64616 91800 65319 35860
03128 36434 33531 25482 10770 55805 53668 29980 89327 13991
96869 33828 80090 87038 66401 43466 40821 66577 09442 14981
27907 89301 58265 28759 13368 40773 43000 22046 91417 06979
43167 15358 54263 72076 70159 93677 41833 85775 97886 28371
95111 48776 83730 50765 67780 89717 47037 13325 75845 32067
97305 99361 89944 74387 29276 67217 00006 32418 27097 39859
06973 16419 44765 75819 21258 42190 55020 82423 72622 99238
83883 57235 61172 24499 73031 68670 04155 55060 37186 11702
58242 58339 08713 99598 21989 63124 86615 77646 48160 39945
32109 69766 20598 04190 77965 93991 75339 40413 43813 07723
70654 71279 74586 68709 35692 19565 44301 22687 52435 36669
92351 53622 50644 96065 84519 57478 20466 75130 15866 25465
72417 73792 97720 47694 99416 43426 95926 73182 20549 24451
12551 87142 11259 16046 28234 91490 49663 26442 47379 99521
33654 77205 13353 87193 00000

Link 10053

19936/16354/13955 kHz, 01-06, 1650/1700/1710 UTC

11166 10053 78541 01001 00049 00000 00000 00000 00000

19936/16354/13955 kHz, 08-06, 1650/1700/1710 UTC

10053 36921 08001 00049 00000 00000 00000 00000

19936/16354/13955 kHz, 15-06, 1650/1700/1710 UTC

11166 10053 15973 15001 00049 00000 00000 00000 00000

19936/16354/13955 kHz, 22-06, 1650/1700/1710 UTC

11166 10053 45689 22021 00049 00000 00000 00000 00000

19936/16354/13955 kHz, 29-06, 1650/1700/1710 UTC

11166 10053 59146 29001 00049 00000 00000 00000 00000

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

11166 10053 45689 06021 00049 00000 00000 00000 00000

19838/16238/13546 kHz, 13-06, 1530/1540/1550 UTC

11166 10053 78541 13001 00049 00000 00000 00000 00000

19838/16238/13546 kHz, 20-06, 1530/1540/1550 UTC

11166 10053 36912 20001 00049 00000 00000 00000 00000

19838/16238/13546 kHz, 27-06, 1530/1540/1550 UTC

11166 10053 15973 27001 00049 00000 00000 00000 00000

Link 40122

17512/15930/13503 kHz, 09-06/10-06, 0600/0610/0620 UTC

11166 40122 14589 05051 02609
96913 03598 60311 88101 11969 99831 26632 47309 55281 99165
69102 48332 02106 33521 00531 96210 57589 03407 72364 67691
78000 27841 43045 46745 17064 19757 73797 97294 58326 91590
75310 90327 19497 20725 53719 27599 39693 29494 29356 29099
85546 59415 26682 76480 37076 44355 58849 29632 39298 12305
55338 58577 30493 70455 06085 57899 83064 53263 20562 35870
17941 38196 25231 95476 78443 58828 47812 49522 74568 70005

61816 37008 33617 44728 89751 32963 18109 07479 88478 68919
96914 33653 65113 06225 80559 69786 96950 29371 56611 54283
53817 51528 86112 43311 46308 49477 46983 71559 48339 70119
35331 02555 67456 75761 60614 48206 61328 20355 95583 62284
23877 73873 66951 37507 89470 37036 97719 60929 28617 13540
37105 07325 33609 32000 39001 75232 17534 34788 74908 95378
75112 75950 92282 66144 78784 95395 54221 95766 08488 61543
21441 55975 38569 99609 62480 76735 30253 47729 03054 36794
03124 08101 50510 29711 84047 85331 54328 10072 56963 29181
88575 49563 62006 23887 67285 57587 17370 91259 28682 46136
62372 99730 49185 43570 45140 96554 73138 87020 03367 05332
69206 48098 11572 56057 49355 71574 93302 39878 11380 31753
21713 05740 90899 36198 56957 41115 33765 31512 93845 04014
24807 90856 18183 98429 33880 87896 95236 10450 65124 86855
38779 47185 20384 03376 34124 45729 12727 15864 13610 44311
91001 32011 07961 32859 61363 40184 21965 25133 16709 00355
07906 19634 09965 54279 35185 41466 32156 59598 79571 82345
81200 77546 80522 80944 32356 68972 40007 10744 46279 78337
61264 67610 75604 10395 50949 74247 56006 29234 51258 00000

11166 40122 62514 05052 03149
92666 34369 48309 69406 78089 93571 36706 32977 02204 37129
27915 48608 40688 43212 86689 84574 32454 69045 87509 30047
82225 07567 16625 99071 49160 74265 24983 88927 07436 53872
80462 35088 89752 61617 92873 29929 49676 98709 10137 97414
03776 06757 09105 40914 39475 50783 29436 06354 99570 85563
23982 27893 79342 84937 24114 48301 97202 38795 43428 31232
24818 47437 68263 07583 87640 67977 08482 23115 71783 92485
06930 79541 98188 62559 31038 86253 50010 50003 94979 64875
64164 58312 85837 73849 22970 24645 92214 45218 06830 26970
58713 50806 93883 26077 14745 39981 17570 97136 51080 16187
18032 30502 42600 44433 48320 06431 40675 06928 21305 73429
83601 49042 08254 84884 98553 82797 25010 73698 93473 40056
66701 69588 62332 92609 76925 88755 52218 81344 62339 50598
65674 21683 88604 01174 96725 77478 18613 48075 24038 20552
78931 36429 09645 18070 65419 20689 76668 14929 23927 11921
64499 03359 67039 05263 84836 96912 12797 17247 27058 51044
56312 87675 86334 97451 10247 25730 12945 84376 75067 05010
06214 40054 25028 37184 01515 01488 20807 78945 23783 75749
84746 51945 05964 25982 99628 80414 95845 99298 16917 76139
99700 38766 85414 25495 36193 46654 36267 58210 98962 91141
85252 02563 51350 73673 38292 56688 01681 99137 11121 30687
32560 16078 99059 39219 82600 19096 57816 49279 04037 30664
81264 12832 44648 04508 87133 38995 27446 17765 46535 85467
26543 44100 18295 73877 62656 24962 73984 58747 66673 81173
24632 04759 84726 32043 85016 52001 23207 14183 36511 73907
57151 17217 74383 57537 50459 78578 50519 60928 61348 04571
47485 27168 31514 09889 44886 59908 82406 92784 63930 89980
67085 88059 01171 87818 51071 65088 87333 01365 20640 63036
32187 24158 41995 80478 41377 23281 19761 61600 16184 81857
28222 46170 72112 35789 13765 75459 37279 09423 91934 71318
16515 79818 87572 30577 32131 24336 91444 01971 77285 31192
31822 37764 52312 00000

17512/15930/13503 kHz, 16-06, 0600/0610/0620 UTC

11166 40122 89632 16059 00049 00000 00000 00000 00000

17512/15930/13503 kHz, 23-06/24-06, 0600/0610/0620 UTC

11166 40122 34587 19053 03369
50198 99132 94569 97478 25150 76618 61949 65689 80463 13072
86510 14297 24310 95215 06225 30023 49538 58563 29987 88950
69659 11072 74617 35313 81484 90098 68371 92781 90365 32335
19389 00476 58965 61424 72527 90861 65506 22943 03008 51732

82423 21430 20311 39458 11372 39152 80773 35695 35510 41303
32307 64739 75018 97306 39682 13706 56766 72925 63824 22740
34079 72862 93541 37419 17550 38523 53136 40568 02810 30663
34337 05639 06219 51562 25974 38871 44400 86459 39812 46314
11792 08609 24788 41387 28060 56022 97542 16329 54462 74176
83135 30679 61156 97491 24631 41179 20860 92478 84138 72806
05602 29988 44500 57718 40900 36221 04756 06323 29829 56804
19294 96788 69374 82303 44137 00220 45005 64839 38790 83646
14406 80509 97093 58042 16311 17295 05518 63549 65369 93150
52338 09096 18989 33946 36122 08594 27079 65969 46977 80911
00654 02663 18983 05798 60211 30285 77256 52954 49842 22188
28083 26439 27990 36393 65549 91585 70820 76157 93122 76638
49113 18213 83601 66272 64637 38372 25889 29201 56932 89184
32020 47050 16432 09327 02874 36696 64885 69423 76021 83233
88984 83979 04138 25796 38172 44112 37416 63376 22523 50774
08429 72864 71686 53150 42857 56480 40778 21918 44551 60785
74197 12056 28330 34463 63285 94899 98981 17057 58773 64111
99891 75860 23946 45269 79734 33123 39470 63760 50670 50794
95822 50656 36483 64959 34250 91262 34099 87178 22203 46044
36920 14909 74173 98583 93412 18185 53897 10296 99384 94771
18819 86551 47392 10949 92797 83926 81718 70136 77965 13247
32350 76532 41682 18124 26394 85967 39527 33660 00379 61139
60266 55026 61870 73443 03725 70583 73839 18567 27511 39244
60221 38038 23523 16762 56106 63926 10178 60631 50995 28863
51304 68290 98556 08598 37628 28312 91333 89246 91800 89265
23815 76443 82886 75952 92339 88573 61276 07680 05243 01269
49937 98284 01697 35372 52952 42572 02684 05533 67283 18878
42531 71646 08691 62425 54454 60306 87751 89167 08535 48465
96918 74816 25586 26490 94543 18722 15327 82797 96815 47313
12316 77266 13545 36770 53334 00000

Link 60070

10247/9171 kHz, 15-06, 0040/0050 UTC

11166 60070 45689 15021 00049 00000 00000 00000 00000

12135/10247/9171 kHz, 22-06, 0030/0040/0050 UTC

11166 60070 75364 22001 00049 00000 00000 00000 00000

12135/10247/9171 kHz, 29-06, 0030/0040/0050 UTC

11166 60070 21478 29001 00049 00000 00000 00000 00000

Link 60146 – **PACIFIC REPORT**

13370/11538/10614 kHz, 01-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 01-06, 0300/0310/0320 UTC

11166 60146 00000 01064 03079

72110 79559 32687 76181 00251 65124 94873 09238 27614 69679
42966 09386 92311 40595 72871 26448 69894 62830 20386 69460
30818 89999 35311 71002 30815 40008 78322 65284 70121 34901
39030 72205 82480 89660 98666 04546 39873 79605 85843 40495
83912 41088 98810 28702 19827 85190 92658 18028 33986 29088
54894 29195 20896 74776 17844 10518 30605 89856 81296 44906
72456 70047 43849 00321 36130 88134 66375 40874 15902 59027
16066 40768 49064 75610 64463 68247 04449 95101 37950 31759
81976 80563 44106 05506 09191 27295 22388 76587 45686 28765
92558 80908 31403 61787 99312 20038 39689 95624 76524 76219
21098 54695 79570 67712 48838 89592 59149 11654 01828 36088
75042 86622 46276 66805 73261 12102 01744 65267 75003 87022
02611 76984 50866 54579 90893 17288 78748 85496 01347 40584
08887 96945 24784 00729 84452 49293 60566 57191 91157 87863
94179 06721 34294 21914 60856 45174 66664 58004 81160 89219
15816 29944 79490 12580 84038 92515 21426 76524 19547 71146

30858 59280 82297 84732 72848 14058 52867 83789 13142 10378
57839 71130 90280 38385 10127 97238 61252 80843 87681 47546
06609 82487 99011 63788 06002 71426 08958 66631 20056 12290
23160 71751 39538 95793 54654 16567 87738 94427 21032 39793
87022 38933 45608 81024 25471 95276 61025 92517 84560 46799
38743 80374 13819 11223 92840 17303 63380 47214 31570 94148
10405 30185 55104 02388 40264 02016 22919 64753 68465 24393
39229 56208 14226 90453 29940 82425 61650 74405 09535 07982
69441 23839 61340 51447 15082 24386 79615 89546 84429 91444
46881 37606 42657 68627 44956 98441 47479 37651 23113 96904
90603 69323 71799 42249 78334 70346 75373 85525 87285 05594
42264 64176 56116 00574 36028 51034 99253 53754 55709 49893
53509 13431 38962 04851 93556 98844 86356 15616 77186 70216
30322 75949 06289 77400 97150 77446 14492 41832 35509 45830
17401 51474 09885 01958 86370 64305 00000

13370/11538/10614 kHz, 02-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 02-06, 0300/0310/0320 UTC

Except for the last one all transmissions were undecodable

11166 60146 00000 02065 03049
92597 01478 99028 63399 47646 02464 77493 47527 47929 05126
12196 03675 20266 16886 81816 08128 35508 14140 54056 02982
97080 53730 86732 20357 55792 15759 85603 90300 43111 38689
23634 55823 40077 32673 51355 43495 24046 82031 53044 63049
60460 72837 28379 34430 31820 06533 04271 65709 21053 85518
06567 30336 91460 81653 46296 17121 30442 23603 00157 51430
49166 63970 89931 10991 55396 12152 90508 84779 41641 43854
21215 48402 55830 23205 00125 54421 46690 98401 66057 61062
01019 56835 97924 47730 15045 50614 86142 90789 67051 28453
35769 98030 83456 34827 06077 25261 15545 62363 16234 23471
69025 68387 71785 89997 53609 91567 91629 22135 44795 29590
40160 96614 75052 63818 94280 23413 96580 41850 99961 47306
82843 53928 98043 95617 61058 64136 23963 95593 92826 82317
11086 09849 45102 87650 52352 63312 18676 39826 99902 60115
26367 38757 07380 13859 38111 18762 44596 39698 35127 88160
39254 81679 40357 50211 25396 73769 17361 66340 03294 58013
54855 47589 40434 08259 79086 85224 68323 32886 61222 56446
54766 54973 11950 66124 56325 93349 80465 10521 80647 92958
00057 73909 13334 77977 47439 94049 89054 26125 08064 57442
11585 87603 64557 10315 52459 97104 50508 96254 82918 52317
36756 56453 18854 57378 42401 53477 83420 54702 87701 04512
17021 93632 31056 35022 89327 09334 57253 88749 93058 10388
09180 55008 24169 98514 80174 99191 78155 68856 09209 07446
17171 64271 46093 81438 87612 82064 78889 44162 92902 56598
40712 42716 51116 66219 38121 58984 92173 37942 68271 64182
74261 48322 17036 78165 24185 43954 55257 19482 31329 30043
75341 57068 49924 00475 35365 99551 89301 07830 02898 83090
96817 96776 15709 43674 63146 49280 01563 84848 04625 15062
24282 76780 02330 25757 48270 47606 02590 16198 38671 53010
08598 01259 39372 34953 17839 81714 96013 05510 84993 77531
16220 16733 65302 00000

13370/11538/10614 kHz, 03-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 03-06, 0300/0310/0320 UTC

11166 60146 00000 03066 03149
96048 89394 56925 19392 84919 49170 31630 65704 48679 70261
55090 05735 26073 61311 20103 26405 41339 66634 38847 16606
53936 33596 73510 89107 11881 98051 57258 54144 63385 61298
72716 80586 06488 56959 80165 05652 81356 31253 12627 79089
34951 85075 80031 52771 12747 51342 49656 51638 57186 06010
95021 86918 17562 36243 30430 97585 01013 14131 73341 30961
19316 49420 01757 98420 11175 19682 98823 67144 44676 01362
01827 73820 29614 50146 97762 71277 94364 04079 32684 43956

06996 07872 27002 53161 45306 81843 13931 98048 45478 83928
43267 03264 84026 38182 17689 69174 72741 28233 53756 45653
71301 79115 84812 15315 47255 75912 47969 97178 38052 92655
22350 06668 94806 29921 10803 32898 12498 84544 82251 19196
76271 99911 16879 57759 78551 70247 21332 34436 86635 97346
06132 84525 65469 23192 42481 45553 85275 86870 40649 17962
68749 79266 17128 69642 57474 93924 42750 45259 02279 97557
88944 66286 07197 68612 14328 32717 81733 77342 58815 62358
81117 05821 37434 28672 39227 31333 51040 83078 23887 21586
56110 72677 69206 15169 60802 89315 64662 85708 39480 10934
05604 13154 82874 21146 34875 10623 26083 17969 30232 80255
21582 47655 17257 96512 49456 24564 12436 40344 82011 22994
26114 32681 44977 51938 79988 40681 42475 48681 18849 55163
37946 52177 21240 62670 08220 42160 38735 60599 12921 54908
18517 88838 46388 11604 88939 76344 64305 20236 12770 26090
02228 36968 37794 86843 28184 97920 99471 85188 96556 57297
55326 16243 95408 92802 55767 16504 04469 64277 81022 67259
05934 36491 98870 02005 15300 02044 22861 16300 24401 65286
75713 03502 73835 73231 87578 64822 96979 04361 83844 67133
02771 51285 42195 46960 89445 58191 23578 84115 06425 99009
06793 93385 06526 07239 81388 07731 55700 93375 78531 51424
92475 10873 44566 26569 54292 56575 86927 61430 12922 16560
47109 94023 86154 93327 80373 89394 17944 75282 46875 14028
44202 34429 66312 00000

13370/11538/10614 kHz, 04-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 04-06, 0300/0310/0320 UTC

11166 60146 00000 04067 03079
37035 78138 38018 78395 56029 02032 41849 18108 51011 27300
61302 87479 91110 57581 79483 01625 24824 74974 80013 19254
23706 02269 76907 85806 66788 68779 62516 66919 76658 34487
46973 39408 43133 52166 87584 31960 95470 72188 31593 32725
09057 19689 20765 05978 57491 98784 31228 85061 46036 03531
46997 33779 87337 40298 90633 93436 05377 91275 59474 57711
78579 73757 40852 42546 58020 74932 04770 43246 21668 66845
97449 95973 50597 31211 84196 85820 38115 48800 15016 68653
67732 33041 11427 98915 20922 12563 97899 80575 00599 92346
26362 83400 81261 48174 67206 91756 21726 34072 65245 78111
01406 07425 84036 18439 66049 01455 87031 91692 93905 99752
28978 30562 18220 92545 56006 15678 67024 19392 37852 30466
06153 27987 80646 18830 96408 03772 93700 12857 00839 50031
08745 22726 03030 23164 75032 06016 22395 52819 78772 58592
37353 01582 60311 94261 52369 43898 27500 05390 69773 68928
88701 21657 52299 37002 53858 09152 87292 44395 77061 76977
88509 76069 39064 83570 96451 51110 93178 59913 63174 90515
22980 91828 32506 62038 85270 28539 51615 81764 36735 09690
74860 77125 67721 28016 45862 41012 91591 69833 68743 31701
63075 00561 04454 98257 24063 87439 53142 36125 00281 76652
08493 02571 97278 67025 94977 46686 69177 47493 23952 33622
58602 90529 29538 67751 31247 18719 70228 44447 53502 86653
07155 85160 86595 45364 94947 35481 95662 81440 46136 30882
97203 48067 55019 59822 93355 30116 91943 78903 66414 10536
03939 59760 32055 30172 82623 72384 74675 58255 85346 34551
13308 15704 20485 82056 71534 18453 32831 39436 49846 32994
50032 95865 23878 61302 75981 15918 16960 97350 42141 39877
20425 22391 52694 53284 60107 31193 84493 30419 32468 06429
27728 81380 58789 83386 78250 57483 30869 72208 17506 94632
46661 29829 40988 99375 59295 98816 21175 07322 87903 55287
15872 68609 63717 33095 57904 67305 00000

13370/11538/10614 kHz, 07-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 07-06, 0300/0310/0320 UTC

11166 60146 00000 07068 03089

49875 00972 43165 98057 69022 15775 81156 51141 66397 43969
36438 37680 42605 06913 82476 33373 93002 40750 71752 34389
42268 62986 37368 09149 22030 54388 71314 33399 64997 23405
15332 88277 14041 45302 25308 26054 69645 93182 95150 33233
24181 03094 51068 45715 56430 40402 52197 95680 84801 59628
58516 94918 02677 74923 51986 84250 44323 83376 21839 03770
54806 08347 49980 63558 62352 54997 57413 19590 76580 95224
97643 84483 61054 24173 07992 27819 53593 55516 54749 45687
32764 47697 33129 04161 54012 78308 07929 86389 03855 08812
05863 97982 45573 06769 95482 10393 54858 17788 15642 46964
68821 04358 38430 41353 96830 93766 77510 22994 66599 02293
77817 09306 03966 27845 47530 09321 69796 28258 18271 68434
02468 27408 44467 08949 39337 16362 77802 46103 15667 41718
77716 84288 64421 98353 43863 23119 65382 68748 81486 28055
17020 76079 35647 45265 29547 43273 55223 65414 62616 75197
72649 66067 56068 06196 10296 87385 27198 80133 49468 20822
32948 55145 22921 15485 20497 50296 16860 31867 14649 76303
93345 97626 15487 17540 69045 45106 04712 57493 11276 35272
84118 64867 37261 97780 94624 82516 27557 41827 89318 86399
89567 17498 58937 06740 32102 32290 33228 28582 36902 52497
06628 13928 38075 44149 61694 12646 45383 33181 88724 54331
72314 89536 25014 38320 54868 64881 62168 64023 72017 38619
94927 68791 03753 51889 09930 65482 87670 34251 37856 96917
60030 52723 17383 49433 92225 37874 44400 92684 58595 66656
04913 37927 96529 06661 15076 31920 44794 51488 16791 28682
71010 01918 02311 06253 24239 72567 66286 20668 73597 28730
08686 14326 18851 83068 37037 20941 83909 06865 41424 34256
29175 35509 40667 32729 43677 72912 23139 77344 02927 24531
30649 24772 03430 13694 58821 23038 09802 60918 72426 81903
75418 30900 59082 35140 22531 76870 69778 36886 92801 36997
19649 59272 04182 62531 47439 83502 68306 00000

13370/11538/10614 kHz, 08-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 08-06, 0300/0310/0320 UTC

11166 60146 00000 08069 02809

71153 43910 52293 49335 95963 90041 59251 95223 28843 11358
49175 55229 49059 54674 83470 47972 82688 90280 88162 51511
34657 90934 42641 15795 94722 80489 16541 15827 47057 00588
96957 56494 38141 68859 73182 64992 82637 27056 71145 31786
11950 02575 54752 86043 95133 31784 36299 16479 86867 18621
63169 73542 82158 26860 72967 13901 82470 29527 34320 73130
02975 63875 15489 77582 75590 65358 48018 31335 27523 79052
77579 39187 39967 71955 19215 51622 16690 94600 59165 42685
17144 65429 70459 56703 33836 76344 34472 84791 18614 42905
85612 57088 87565 47580 21360 61638 59223 49509 44805 25890
05753 59201 31908 21710 21819 01617 40647 79882 40814 16061
04252 25017 53141 66339 75696 66800 06231 59591 15668 08533
90981 97269 41159 58896 44323 06671 76911 57868 22572 26476
76860 52746 25276 44738 07802 85201 74238 12738 12446 75304
77406 83164 94056 13462 32301 46044 89852 96203 48696 60866
25380 66753 95216 08333 67012 46317 99553 10177 14798 67040
56980 90484 02815 42556 26850 76958 99242 37073 21777 65560
23319 18930 19180 96972 21390 09569 49873 18303 69216 63847
43397 28497 92747 42643 34773 30867 24536 63674 62376 41193
37985 41486 11608 24823 26611 52533 84047 61220 20524 86294
96793 59389 57288 68365 41660 72609 49375 66452 58923 85933
15386 15228 05312 74872 67220 20956 20918 58707 70407 31854
24722 96873 19752 85100 93423 01842 97505 66455 03253 66947
06255 43403 39462 32591 93685 57776 03182 39263 11447 88786
70326 40820 75271 22401 82231 76445 18563 88008 72730 24752

56617 48305 61334 88437 03690 53339 67210 82956 10065 94660
23662 27622 11353 20494 97767 62594 07158 97894 44897 40183
11352 32810 52771 63906 41100 83989 54758 73732 69278 00000

13370/11538/10614 kHz, 09-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 09-06, 0300/0310/0320 UTC. Wrong group count

The 0300z, 0310z and 0320z transmissions incorrectly indicated a 313-group message in their header, while they really contained the same 312-group message as the 0200z and 0210z transmissions. Either way, the extra group would just be 00000 padding at the end.

11166 60146 00000 09070 03129
55880 48646 91735 01772 41213 91401 65587 69337 60329 42158
38884 51661 42457 61867 65487 38528 13928 44269 99517 02674
24049 39004 79682 65141 90607 72872 04312 14243 13437 11425
08067 32822 29489 28070 76234 13510 07850 72896 57570 66651
08129 58380 61598 50597 50668 04182 51339 79046 72007 08206
67368 85127 64036 36123 44170 46906 20276 46536 04713 04003
37732 93976 44182 20014 47744 76917 38811 70423 74283 23001
40751 60682 43125 28655 44907 04164 90336 95291 38691 14654
43526 29279 70615 93095 74271 97866 98678 13248 45192 58255
04472 35961 00071 02003 83937 06758 70496 81944 50742 16395
97434 13824 13166 29104 91184 69815 10478 08200 78150 06133
19716 93728 07866 91902 68815 11870 18710 31498 17024 20745
85753 97518 88536 22362 99171 16595 70291 95335 46660 75219
09868 28121 98287 37784 74411 57401 17238 94007 56540 41354
44859 77951 38153 22459 33472 25799 48091 59551 25364 64594
74584 33792 01421 49130 18419 58260 47816 89156 97761 45844
14211 34122 40589 15112 61888 07614 25648 38873 25276 08691
57886 65090 35275 22309 89301 64847 77852 06006 21124 87056
86313 45043 48301 24591 90717 93202 32193 21527 72847 41403
12429 76189 00188 81345 93869 19689 37346 56356 69596 74630
58353 16635 65872 23682 08273 21078 20025 42705 87575 52871
27160 78114 57698 41044 16678 73161 91229 05165 44494 72841
15171 65365 11939 62092 20691 84894 47238 16987 37833 37369
10542 73595 98585 15924 08415 44217 36788 26443 28748 35662
98275 32058 32008 49264 59719 41112 59779 67330 79603 55755
46522 55697 29754 23383 45497 37086 80885 58087 04784 14952
40581 24323 54331 52505 67153 99954 89993 36596 07822 60901
65458 81154 34646 54540 28038 49859 76644 54071 59235 02743
71550 11027 06038 96401 85628 48109 13874 92515 74996 59555
97156 54343 86888 11198 08376 35907 24298 57434 91651 93530
22436 17263 31708 74434 10444 76603 34183 62065 56798 09061
70310 00000

13370/11538/10614 kHz, 10-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 10-06, 0300/0310/0320 UTC 11166 60146 00000 10071 02569

65438 12511 72045 36183 42371 91543 07313 54363 49031 36350
52434 03292 99630 65909 16927 78675 88304 03900 59200 47629
00995 06869 71141 90369 17669 44059 21008 33413 72052 64832
34303 72711 61070 14635 17332 10173 21186 85428 53115 51991
13821 11531 24360 42237 87036 46812 43160 30137 05688 84168
92135 94478 67208 03221 06670 73588 45230 57173 52961 74306
28232 34773 81552 58408 45381 58300 61044 29904 96778 03531
21665 71652 30286 52615 63397 04729 32117 15798 08336 68986
23391 82925 01982 48246 79825 90677 93137 88552 16772 16458
47113 82929 06754 34879 71914 21086 21728 97789 62106 27495
17232 23768 90049 36286 00614 08027 99171 76399 50534 88671
78994 65426 79924 30235 26568 35580 59588 10440 24038 40230
44635 21119 86996 14446 70935 19240 63333 87979 13781 88951
87253 74123 25942 00620 18168 82890 97300 77754 19125 31944
03263 07807 54488 53722 34117 57727 11537 22189 22548 80267
75676 47651 11473 21926 13956 13083 29406 68506 46569 50385
65521 89196 11034 80031 61616 65128 48732 62527 63157 13349
68505 35120 96587 42135 66984 32202 65104 98592 10344 12848
80068 94483 07173 43911 70252 21211 27150 12128 36110 89894

45194 63660 41244 57495 15808 94523 58277 24900 07268 40323
11305 17922 50379 38746 82109 87151 81459 63254 72338 87583
84253 51390 38827 23977 60458 76163 44253 72866 83547 33932
90301 17180 15593 47228 25555 54383 91749 05967 45258 64100
02113 95462 25180 46149 25622 84706 56738 64915 95705 73332
75581 61017 02349 20716 00816 16194 60275 05628 27065 82349
97931 89908 36550 10703 71254 00000

13370/11538/10614 kHz, 11-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 11-06, 0300/0310/0320 UTC

11563 kHz, 0300 UTC. Wrong frequency off within a minute

10216 kHz, 0311 UTC. Late start

11166 60146 00000 11072 03069
65023 87568 59356 64699 03923 90061 33184 47580 21725 69384
48072 46884 10033 07265 06186 16080 24445 97976 35323 51270
06008 24366 12770 29181 64878 44900 44312 21013 43374 77694
28130 30629 00617 92455 58230 30476 85938 46260 47121 93716
93241 24126 72412 45972 13510 70308 77029 85149 27651 21248
77727 42757 06853 76126 61597 85167 12654 65948 75236 78267
13903 07100 36298 63907 62802 50319 22080 21619 97222 61011
14857 14020 61475 91849 08636 39344 62720 33600 07027 39542
05221 55106 66913 37386 69602 68367 67610 01010 29334 79660
10202 59339 21589 12626 76733 16827 14701 14270 03969 40947
39376 79810 51369 20881 75877 57308 68011 20834 14342 18028
88110 76412 30432 03445 09850 07508 43512 84864 37194 46129
49524 96570 89380 02597 45767 28441 07775 18576 89747 88984
14774 80342 59309 74715 04448 90752 06212 06819 69616 23341
20364 21039 95022 06978 46877 21720 71320 14538 23149 35958
09545 54007 28146 28776 60760 85468 61083 65275 70572 12404
91691 30701 23183 20751 49245 44348 54697 64150 42552 28260
40345 18825 28088 16645 85319 56520 68459 16952 73919 08952
48394 58550 56671 22193 40428 89937 80139 24446 37495 10422
89087 55622 94592 47219 55699 32179 46723 13891 15532 45651
95288 11072 14901 18310 80129 55419 99371 64382 79395 47721
98054 30287 04441 16105 83395 12294 81918 95275 11127 75083
40273 27734 70095 19605 42821 97901 96634 73696 34590 35089
33180 03896 95120 46258 35801 71879 14416 64499 60357 83970
34215 24173 81948 07145 21794 98648 27353 49982 68471 61575
25147 31998 30002 57631 03183 89790 51065 93673 88117 93435
41009 86250 86682 71585 93062 26384 53375 68683 64186 47582
74272 82752 57757 08013 21631 57189 76271 22772 58988 24991
36257 07186 01436 28869 62577 17092 60751 65677 04320 97023
30086 28592 39453 72247 87891 45487 60438 45579 25766 36931
57993 84930 29922 42260 72304 00000

Monday, June 14th, 2021. No transmissions due to Russian holiday in Russia since June 12th was a Saturday.

13370/11538/10614 kHz, 15-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 15-06, 0300/0310/0320 UTC

11166 60146 00000 15073 02909
27215 39237 36601 47222 31949 01806 47743 13479 11175 13716
66566 05798 73072 71110 25022 15166 03712 34987 56305 23552
67882 79074 52953 88145 99076 83497 53948 70629 14568 53938
59262 03652 16531 70973 95279 11690 65130 99266 79539 28506
34520 11321 58226 78364 87690 05468 14860 13205 31103 22774
73604 22970 35043 92573 45652 61251 30637 61291 92106 53468
19463 84258 01812 79744 56702 85205 07550 49680 93756 13114
89070 11214 91283 51123 36361 60742 38571 57173 71615 46706
40202 41073 53327 83819 55943 07683 10953 20122 04790 20900
83578 24067 69110 68126 61027 83798 59824 29919 50840 35840
28559 84498 19586 65348 37706 01813 81914 45155 24335 06831
35803 05747 18888 16776 67433 53402 04596 81958 74136 78661
28556 84918 78840 22304 00412 77551 34455 91046 39559 60912

41642 40126 56829 37383 28399 64971 81586 89888 64894 69140
70165 67854 12000 00713 56600 84587 26946 74334 31572 55769
74546 21086 60516 33755 17431 33374 76832 17356 83705 97031
11126 41796 35511 27810 42421 78540 86882 54454 82286 99665
44370 15546 27808 86472 68846 62306 44344 87024 81949 84542
64009 52296 65588 01924 10814 05631 27950 87781 88398 25174
34449 17612 91311 43994 27063 59476 25754 97560 80475 48483
50734 73271 68473 12535 75570 41727 39045 41540 74684 74416
21594 17266 05608 77533 14731 46016 41156 96576 28062 61344
51700 71451 76419 88955 98463 46742 49977 91020 23808 66841
08675 32054 49414 10645 74400 33580 18323 45469 19361 09741
41749 04907 74088 01057 36627 20286 03505 48518 64813 60438
24492 75193 09888 59449 63413 67546 52489 37087 76995 73650
30123 41596 85044 60478 92379 69535 88407 97468 87500 42365
70622 58545 41230 44448 06707 59781 13891 52174 27502 74895
46614 08875 13031 95771 32677 25239 13290 30178 73288 00000

13370/11538/10614 kHz, 16-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 16-06, 0300/0310/0320 UTC

0300 UTC: Signal interruptions

11166 60146 00000 16074 02919
24229 72268 45555 05861 43984 78614 02151 48232 28083 36806
63898 22542 85615 44897 59129 35765 52982 67580 99760 64742
75699 13965 13928 38116 11792 23261 18172 16006 23943 94319
08863 65882 52614 19947 77550 58073 87301 11952 79930 29325
78124 27844 13104 87880 54938 35139 80834 58487 46152 74192
51476 90794 14438 05509 38260 79560 51524 52455 56645 70111
99261 75336 38393 47501 89142 37737 07075 32791 17465 51103
44696 34901 98328 08472 04111 31459 61653 43303 46934 77099
88402 74348 11627 62638 00197 22490 41442 73556 45521 10492
26928 21250 49687 81591 42656 45463 20766 97891 82895 11351
28653 04457 25879 49614 99476 70084 81387 13129 92517 40665
01310 48524 51838 66080 57886 06139 49810 86577 19313 36791
64717 89544 77395 48804 59631 72645 06944 23720 54745 74226
61590 14151 10355 56960 35724 72183 62658 55638 47218 81803
79597 25065 20660 93743 28881 48987 75740 86226 75425 96000
50520 00016 50361 33354 14237 21218 58816 34617 49358 10288
18658 42120 07554 00650 47372 70125 69285 15390 39279 59652
61697 75458 00274 20904 14493 97804 32261 24229 58487 06893
84498 25551 96527 08040 14012 37219 01455 95999 22282 80190
20815 97244 60392 78514 92987 69371 19820 82025 04433 06077
51053 28208 42732 21134 77238 79147 25131 09817 95023 94525
07239 11192 79802 26585 01610 19740 37542 48001 60862 19719
70374 48610 05043 40730 48148 61911 97911 57901 03126 07298
01847 85148 90011 58950 66044 34930 78499 77322 27708 42950
70525 64164 30917 81240 59420 27019 92854 08052 73138 64128
72086 28008 68756 05686 18582 60946 70438 72377 10154 42888
68028 37139 05022 07575 18494 01084 65164 22010 17372 19517
30171 74440 32436 38990 46258 38217 16748 31334 80161 59975
43296 35587 72565 45561 28403 43787 10784 42159 36089 74289
00000

13370/11538/10614 kHz, 17-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 17-06, 0300/0310/0320 UTC

0210 UTC: Carrier, then signal at 0211 UTC

0220 UTC: Signal interruptions

0300 UTC: No transmission

0315 UTC: Late start, signal going up mid-message, out at 0317z

11166 60146 00000 17075 02639
26006 19333 11465 36837 98420 60749 73371 11034 45375 38548
93406 45989 91995 20615 97288 76812 21422 35613 68163 93324
28246 58921 70009 25845 91186 94755 52003 35759 69690 77919
51028 96814 54143 43622 34513 78070 24388 38801 50796 64448

96223 73387 79189 75820 60585 34943 96937 70566 45086 15125
05270 44540 52611 21396 81703 61390 56645 72426 50822 75156
58032 00631 90686 31097 32841 10264 17082 55672 26043 64527
12783 71624 70663 00112 94031 99096 37121 92620 31401 28723
42425 21311 67244 77626 73922 06587 96921 64265 07288 18686
05966 63070 23431 80991 80412 24796 54030 16415 32448 73535
10355 10279 08586 16338 75079 88144 72541 26353 61778 32014
80011 85450 71776 83356 87525 97256 03057 06377 62575 06528
90902 09987 87196 85817 84967 51900 72194 75359 92455 73292
24205 87117 42107 37469 32773 08930 48669 70968 69637 69685
82541 30554 17416 51478 74288 44512 69858 59670 08701 01711
70890 86798 88093 86845 84591 31275 69532 85318 13336 56799
05672 06179 06255 03437 43895 96572 25224 86300 63441 46130
60552 42754 55209 04730 13572 14099 73925 62089 88304 72666
17358 62595 59401 30261 12277 53838 08537 88885 11831 92266
46450 19689 34048 54416 62814 81075 96124 27131 71132 11916
24217 75238 40830 60781 43393 10098 33752 37166 77461 07463
87235 95607 13342 48101 10959 88660 09680 79605 89735 49651
54380 22833 09466 91164 00766 71410 48413 30178 37019 57742
01004 75801 68631 83965 26327 40552 18516 41274 38538 61100
74483 66069 81337 39421 38779 06360 53723 40304 59342 96849
79198 06139 47510 66163 35621 74925 11818 24630 87892 12449
62608 75261 00000

13370/11538/10614 kHz, 18-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 18-06, 0300/0310/0320 UTC

11166 60146 00000 18076 02989
47845 14292 01001 62794 17419 65919 45788 59335 59938 61471
57766 87480 27755 65229 45910 04961 48865 88818 01631 10214
97354 87228 97596 30237 01459 42811 26503 08162 50140 41960
03208 07709 84150 74154 78693 76735 82500 08051 39279 37050
80272 24311 89524 92675 78723 09862 42265 73774 33609 43266
64206 58387 32670 25888 50531 39201 98208 38557 26945 27526
75709 28401 02596 11659 94430 55544 22316 11836 10898 54354
91619 98951 71256 88934 72880 69234 53403 07529 76152 92069
74840 25556 93048 73147 77191 91930 47123 00145 23316 18381
59202 63095 67954 76438 51082 66670 87850 91796 36057 76530
82284 90707 69691 66954 79948 78132 59285 61920 13111 52309
55470 86834 45007 85433 74375 73087 61378 25140 23787 82637
62122 96478 31758 44791 13971 09060 01097 22390 50141 99061
38166 49566 27899 60797 29440 08282 79968 47508 64254 35809
20726 46095 27180 80372 93119 55453 08469 47110 67246 23111
05998 01558 26528 19862 17160 22844 02419 57062 44132 23776
43595 76303 60954 80004 30542 66126 15873 35469 71500 85477
67366 76287 40688 98591 77303 90298 44753 50985 09671 54431
28380 41252 08295 17100 54997 68349 52016 67799 23521 59056
10741 11099 07067 05296 50796 87216 24577 66009 63059 06367
81289 13269 12261 89057 39001 27315 30927 29539 02043 70209
06388 24581 29922 92782 34278 34769 12558 54578 36999 70512
69061 61466 70540 19942 55974 50626 68129 60888 95926 77570
94131 24137 62644 84921 06640 00133 83231 57595 52198 06335
43688 94120 41087 57399 08578 48735 76612 05383 90799 23993
36842 42155 32388 18528 32210 81202 82297 59694 87453 61016
82081 75751 21285 37252 95434 87288 22269 55837 42507 22575
44327 24237 24950 86523 70300 23040 52618 37956 17024 25071
07873 54854 80340 14207 08410 92288 43492 21088 54578 62712
97329 17912 72091 93301 45776 39499 76296 00000

13370/11538/10614 kHz, 21-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 21-06, 0300/0310/0320 UTC

0210 UTC: Off at 0214 UTC

0220 UTC: Off at 0222 UTC

11166 60146 00000 21077 03009
99848 59496 79826 80341 44242 30470 20640 18724 30679 50021
28966 81846 97017 51656 68399 43032 61610 60807 09445 46474
78793 91023 04189 49365 93297 34779 34126 29755 23274 97357
73308 71063 26621 47238 34020 59197 30304 81416 87155 53192
27338 29111 74493 15342 71148 42289 55054 11721 21974 46436
52728 19070 25011 50023 97350 98953 24980 36106 76438 25153
46810 84483 39740 75208 97123 97863 23825 22063 66202 30474
88857 86745 35142 42542 84789 38021 17855 29103 89113 49951
92637 96553 83398 53306 02969 85400 60777 41761 32230 62637
81585 18811 82052 32187 19317 96347 08950 36850 64119 80841
98947 50190 75980 08043 84889 81804 04816 12175 36100 44408
19637 40521 75103 56167 13992 49367 01082 76732 79857 42229
24753 00396 67182 36301 44369 54812 71255 68064 17508 78734
15099 73995 08362 77172 19068 07307 15192 77454 74841 76660
07658 34580 65997 17795 28685 59347 02358 33998 40579 67659
60291 66360 20066 74465 46157 79760 31940 80765 25083 75502
36018 27118 82267 66554 07078 12095 08977 76321 72472 99106
30450 46893 97116 60055 17879 67698 70507 29225 51658 60506
75500 65884 28092 81720 43498 48996 26749 27888 25761 52513
80643 55367 35514 74664 16443 50105 40543 19688 56875 08435
10967 55442 02538 14855 51875 95333 35280 27718 75511 77997
10367 08763 92699 43171 29585 57439 28192 27197 12510 35943
89636 26588 08089 95928 44839 03101 13756 42801 87016 28751
94247 98555 92723 94201 17314 49086 02148 28977 48511 86904
76448 06920 72270 85201 11841 35349 31409 64205 15102 51341
02305 35752 70186 73581 47886 37019 50653 83214 15650 89355
57571 32141 72886 43157 87603 02191 96297 94693 60957 63610
58194 85870 63881 06313 76467 22817 85404 42307 20515 74274
52994 02765 90311 35700 96840 78151 10814 70030 97424 74857
08879 61046 96089 86780 64899 40273 73279 05274 77298 00000

13370/11538/10614 kHz, 22-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 22-06, 0300/0310/0320 UTC

11563 kHz, 0300 UTC: Wrong freq. Out mid-message after block #8 at 0311 UTC

0312 UTC: Idle carrier up for a few seconds then into F06 mid-message at block #38

11166 60146 00000 22078 02739
94277 89374 68864 78649 75789 60305 90662 74821 49875 83492
03490 88947 98108 50862 62269 47091 83010 11029 65125 90142
35371 24658 23958 95441 06124 42587 48784 67250 62458 05133
38041 57014 32858 86033 92034 99336 30750 29453 91714 74623
11459 53488 09971 34319 42143 18627 47642 49681 89418 84567
11414 70025 54327 03875 75797 01381 09379 25875 96380 41495
17308 09248 66541 32122 36277 66747 34791 14536 41178 90489
24966 99196 15745 31242 26428 85527 95146 30157 46475 92713
63758 26383 42151 87479 37804 88988 73624 19780 87533 46650
46355 02331 78653 13519 34203 94931 37676 34725 00686 79506
70880 99945 60571 36810 91580 98477 48991 60725 35376 14250
90249 71097 68080 84215 83543 11049 16012 68561 47750 39690
73339 06170 92493 56192 66161 53774 07664 16133 78009 32240
88582 26075 66475 28416 38998 27296 25623 25986 19104 04625
73905 63765 30760 81305 72243 44871 57114 85837 01976 45217
98796 01725 57360 94753 73894 36075 32308 29903 73875 67980
06046 40627 92659 62625 57393 60554 71023 62047 62342 73616
23521 88504 54618 35622 40113 21372 53921 34215 79695 33512
91533 35644 97698 98056 87973 91783 74969 01536 62385 05860
40100 24290 78362 80285 02407 74107 55879 95080 37739 84020
04022 90282 94310 10203 54210 50806 10729 90893 98600 17178
63434 52304 63336 70590 85704 72426 71367 65705 25443 38697

74495 09658 33914 60439 59353 10675 02626 22032 56988 44775
90549 87735 10755 13962 08853 94122 82192 94363 55338 91030
99578 97749 15788 17005 78844 94867 74374 20133 71542 74026
00353 60241 19555 33376 03205 53370 21222 30319 73432 44472
38589 36481 51171 19274 00451 71691 89840 91226 80886 15402
06987 78271 00000

13370/11538/10614 kHz, 23-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 23-06, 0300/0310/0320 UTC

11166 60146 00000 23079 03679
85835 62943 30275 51902 89883 79043 96222 39632 72294 78937
80108 07214 81337 31685 40782 91645 90750 24698 83931 39509
99145 54531 84783 64218 34985 45502 49962 99058 40560 63333
54443 25727 33406 16001 14549 83038 68609 58979 82913 85498
50412 47060 76353 06429 66592 99955 72593 05329 44013 73843
36774 04162 48821 56062 63681 42260 79694 25146 46634 64521
27610 43365 08977 22604 00537 73985 59102 93789 36521 40415
54941 47214 53580 69435 88878 12147 09854 85704 28998 28010
72445 49710 77623 80820 18390 56378 33086 55750 16196 36502
65635 60480 61382 28198 43469 99053 64461 10567 69780 00892
14800 16749 16788 34680 68797 68561 67673 61808 35818 99903
02365 09044 60310 61125 88108 65127 23563 21532 60759 30994
13520 12224 07736 78281 36102 76460 88570 95836 66474 19726
53994 28892 63685 76688 49495 40607 97125 37246 14288 50664
58241 98840 11629 30594 55937 37227 51419 60537 19114 12887
91025 77111 54758 55278 25267 67082 35058 92097 01496 86524
11938 15758 20715 10153 82483 04254 10667 40522 53689 38614
81833 31778 79943 84115 02285 07640 71716 27466 52309 78316
98876 87121 44770 86032 37069 38943 22122 33853 30602 24362
66021 77500 70270 33269 80477 84846 09561 78780 34472 92761
67676 06099 74987 16026 92806 02638 46391 87970 84099 01605
77094 37546 95749 96225 19443 32502 71669 06810 53758 43376
84146 67824 92487 07963 74956 27179 45380 00959 22346 74912
31639 38474 82335 43449 49986 72098 77776 46634 42567 52191
33601 49719 13654 65116 81694 87501 89053 74074 83840 72783
27194 18248 46169 62362 17796 49920 23544 72720 29081 14288
37331 62609 89462 01625 54978 24725 14630 26495 04861 53638
15998 13715 24801 82197 51427 95732 67732 03563 04178 51120
12925 21080 01013 38874 56206 93171 05410 08194 77640 65436
46804 88445 10069 07142 71795 88986 56980 94298 28283 63531
33127 06502 18428 18772 26337 29741 81419 71912 03951 82337
91949 86819 12329 06227 85355 43476 42861 90754 45357 20418
62917 21185 15332 94855 35178 69094 19057 90146 73778 66854
01869 25332 10710 33386 28165 46401 70913 43362 96195 43985
79495 57065 56069 87166 49520 53066 41931 28087 23796 30932
54227 57040 69109 76135 53013 12752 46337 04361 48225 77506
04872 27391 97875 11839 74803 79365 00000

13370/11538/10614 kHz, 24-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 24-06, 0300/0310/0320 UTC

11166 60146 00000 24080 02819
49073 96584 07705 95027 34714 95803 75971 82654 31570 09901
76702 43303 48564 07687 49926 31961 09937 31824 91251 13184
45962 46158 57290 31915 65794 93697 24288 50410 60877 07422
10922 05981 12362 41107 01196 69208 00964 12370 28370 07342
42697 75087 05862 82563 98930 63420 16059 39796 34191 74585
92978 63750 20162 82602 59715 09906 09310 00170 06603 39096
26578 30889 21048 10399 52584 78992 04955 12013 96757 08789
40680 34813 83855 70999 91475 18266 02302 38177 47325 23397
87766 16392 52135 12499 40453 25383 73217 40259 99500 64338
98980 86007 22962 05527 75794 81762 46779 82932 19945 15763
21205 68106 65625 16178 48100 50407 34902 44683 67550 63828
40588 54579 67232 27592 57967 93158 12976 92700 26301 52992

23953 11631 66058 01828 40935 73363 22805 45794 61048 70933
73695 05593 37478 93677 57489 10361 67547 61393 14056 38903
17615 42560 44272 62968 58220 23848 26282 72270 07933 23069
49032 85934 09315 62785 49034 80048 85465 46740 61286 86025
50555 06312 20293 39449 72810 09175 72119 84098 13377 47355
83418 60826 89493 46870 58367 36003 35426 66132 99451 49187
59588 75313 73039 84727 21297 33856 65669 96976 75583 08312
42007 43801 59524 97698 40391 08092 18498 58577 66926 11937
95829 47001 74032 53164 34249 19569 34421 18935 62607 60733
46407 56074 66272 28573 31513 02828 64671 36207 10288 11731
44383 11043 67298 18280 21246 99037 41204 35093 29900 06181
00881 76238 64209 94351 93502 41442 17007 73777 75548 14828
92582 59249 62646 57909 90372 82297 59206 01500 83273 76515
53776 66242 39020 78212 91054 66432 58071 09584 56508 76835
26438 36591 34517 67177 06884 18741 25995 33998 16952 92931
36423 84559 67235 58591 70225 52483 58343 56250 92435 80279
00000

13370/11538/10614 kHz, 25-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 25-06, 0300/0310/0320 UTC

11563 kHz, 0310 UTC. Wrong frequency. No message. Off at 0312 UTC

11166 60146 00000 25081 02529
75488 99796 14275 04486 35396 67955 39487 59195 84899 58828
28498 66846 82918 81638 75549 14250 16513 11692 32229 09712
54043 99955 74164 10250 50007 40959 59218 06329 37459 78660
75629 56298 68973 55011 03527 87735 92076 30864 38265 07862
70093 33942 49013 90229 84333 13551 71032 29867 78571 06703
55083 84070 31745 45363 22401 41025 69814 59500 98674 83446
52715 55613 25465 39428 97357 75448 72504 37684 22584 64565
99311 09378 27049 05466 39560 03709 35938 94952 06638 09474
77477 70421 43839 99754 75162 14756 67616 41952 66650 94536
77344 40328 85246 11225 30016 03266 64926 70031 03326 52415
54836 96148 95563 15926 54193 53024 35770 72947 03543 42384
02568 41585 93296 90677 75144 27506 75493 51629 64780 75372
89723 79601 00393 90291 39141 53440 66517 21482 77527 55496
17169 25325 93311 35512 14022 50006 01512 14056 62337 08918
79516 05199 43089 35025 07657 63113 64711 33376 00500 82286
82923 73939 39801 06039 62045 91966 45052 23020 76263 88056
42570 56391 74276 45122 19055 75369 55747 04428 70556 83813
33021 67907 82792 65561 76526 18934 03750 91182 67311 78729
94505 15849 05138 40620 69215 23007 45590 49295 60192 93534
64616 17285 69025 05077 73952 95825 89668 91244 35865 42312
14439 15361 50640 51515 58867 38451 15273 42760 66327 86153
76780 20244 78395 44247 28580 48693 81860 37477 23379 11535
68340 71370 00995 43775 67430 41727 54563 56772 39322 41475
83561 97096 37835 19574 07077 06654 79797 71656 35780 76267
81707 67104 26016 09908 49619 42224 64468 41750 33193 14230
81250 00000

13370/11538/10614 kHz, 28-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 28-06, 0300/0310/0320 UTC

0220 UTC. Dirty signal, no useful decode

11166 60146 00000 28082 03289
46202 22617 64483 85283 34261 67142 12069 67056 57571 31992
58183 08825 31659 75050 68496 95156 35493 46795 48590 94956
93554 44415 33311 01965 47073 11732 05123 20270 50361 64608
39900 87035 53173 46536 03604 49617 55056 44078 48269 39262
42589 16872 80750 08578 45488 21866 02657 24959 72483 36481
44916 37161 12928 10387 45404 57200 15063 00580 43084 24777
76877 69446 87073 46406 10511 50509 84108 26440 66120 11522
32810 32175 26164 69633 18209 60231 06028 38276 64963 96376
21943 10487 72707 86011 12116 08340 81955 57478 22033 53176
44026 65383 89846 36329 93393 46139 92812 95021 45927 02895

40684 23123 71441 62043 27033 71463 14004 68509 74401 17383
58433 11984 34250 08206 66425 01312 27630 08330 30745 29202
37502 04616 20926 94468 88669 49765 18907 73968 76236 48373
68050 61442 28541 15345 83974 15427 15497 61365 00644 83449
38289 85103 50143 94671 61347 76842 99592 38174 72542 63227
93616 69087 82551 47808 75822 09726 99309 27077 87722 37938
38506 86673 68533 79852 56044 07462 04285 49197 13419 36153
99696 00401 11939 00165 71232 87637 56736 71412 84794 47028
36490 08711 86474 44165 29826 33472 99815 54161 74295 18398
88012 66405 58905 93846 04492 31209 26112 01562 80308 90541
94222 50451 21796 60024 36158 54107 16906 54397 75483 54747
73680 73612 85672 63276 39289 91773 03532 70140 73069 16092
92715 06675 72009 08039 18283 61627 72106 83908 18224 82543
74046 36955 82897 16700 66636 48294 78316 71283 46426 78774
74216 97487 56958 58978 62850 28228 96089 19570 79437 24158
64811 29148 60221 07668 56010 31820 99045 89565 06617 01659
88422 18121 61558 56249 55993 05152 22975 96497 32348 08861
83121 64908 11128 78088 64403 39493 87346 87686 14970 05518
84876 19683 33327 72273 09028 69947 20374 27045 85168 85021
82328 43481 69313 58817 32971 86545 41622 43868 68632 81233
18749 56815 14384 37250 45970 82817 64849 46831 55049 08581
68086 97896 98740 38686 25971 69722 97910 74899 09522 03319
62184 63168 12609 63709 70064 37971 82326 00000

13370/11538/10614 kHz, 29-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 29-06, 0300/0310/0320 UTC

11166 60146 00000 29083 02919
79872 05070 31104 84494 07414 26172 87493 90259 02487 68624
14379 93796 45714 12362 70590 60040 90644 44546 63986 63504
60995 14493 69825 98918 97587 37129 91824 05254 72188 30929
95572 51544 10426 01258 69000 57984 90978 05060 89585 50704
13223 57839 02983 73677 50518 68856 42769 06197 31333 15484
45993 59351 15386 92671 44204 49946 56989 98430 34663 75301
72797 41303 61417 37366 56132 80731 60923 89590 05071 36287
51909 04982 56503 26675 74161 88796 43329 24464 05927 84294
16979 37475 14613 45000 02469 52774 20483 71900 78152 04192
78014 39028 97369 49319 04635 55855 94176 66915 11498 39946
40350 10662 16005 98295 45842 80197 40745 40801 19885 95383
28555 74300 34922 84725 28378 50611 60563 23889 31608 67014
59748 85256 63614 42613 64299 84457 60125 19011 72056 34799
83164 58745 32792 45554 56225 39910 15066 25034 23375 70401
71240 74376 61961 70246 42817 83003 03633 95413 73299 61667
43340 01586 20759 74037 41013 71297 87295 52761 45602 52895
07583 10931 96172 84747 63682 84897 79736 03153 18311 69376
50506 57372 83757 30768 40263 80224 68630 09643 14536 87694
69619 48324 54250 05974 00478 04505 67568 49387 75379 36835
61588 97631 88877 73424 28588 45770 59621 99187 26517 25415
30030 22978 58405 20547 39116 10442 80393 26392 10640 93535
93057 24804 23780 92636 95722 74598 58511 12195 08457 40247
32884 95846 91422 07409 74376 51956 16287 58696 92519 85482
69355 08149 44984 97154 91152 17825 14305 35848 82095 44965
37438 15139 28980 93157 55347 29945 31954 65944 74780 34203
36661 46308 59456 65526 01255 50475 92825 27762 52956 29471
79601 67403 13857 16869 78250 04785 00640 46166 81624 05998
27924 86227 87928 06473 69898 68230 29203 22149 59953 02558
49516 09190 32982 09060 50054 58165 40048 09143 43286 83289
00000

13370/11538/10614 kHz, 30-06, 0200/0210/0220 UTC

11563/10216/9417 kHz, 30-06, 0300/0310/0320 UTC

0220 UTC. Dirty signal, no useful decode

0310 UTC. Dirty signal, no useful decode

0320 UTC. Dirty signal, no useful decode

11166 60146 00000 30084 02819
15512 83729 15854 86183 83936 16146 83980 29979 83495 40570
57918 52006 21630 02788 84441 50366 85017 92016 63809 72229
13878 06205 45025 33872 20914 40482 36813 19327 03316 40935
45262 12335 21272 90903 74065 41287 41420 21988 48286 41841
68676 66946 47612 66895 14882 96677 60006 98625 77702 08471
91712 42250 28219 57712 94543 06221 30652 50240 96392 98538
42645 37526 45907 93851 69554 81881 07253 51062 71185 83866
65924 86087 44400 89098 31519 29507 30047 16633 48422 23738
17639 76129 50348 39469 46232 65959 19655 16003 24921 69463
37387 55227 21410 91548 34982 23872 92085 02794 83570 43767
52028 83265 81805 74768 08407 83234 28180 20053 05686 42965
88739 08455 56086 38781 96150 33553 53745 47583 41048 54173
95991 47018 41617 86011 60203 93470 02321 39051 09654 45083
97730 80474 26808 21979 42401 27745 97501 20877 32702 01559
94423 26296 71571 93339 33363 85523 12114 26979 00648 39536
80978 19499 75201 27081 67471 70322 93682 04070 89314 33861
32110 45505 71011 55068 02447 22112 95745 72688 87550 68858
16751 19861 62947 87561 39093 76769 78852 50767 07797 55039
00893 99080 63261 18558 32948 49142 49898 70404 70563 54437
88921 60582 58368 86128 51251 94244 49927 26086 91436 45087
93483 89324 28557 03611 92006 18008 85040 14933 10999 14239
19320 85835 32496 03793 13275 65744 78690 48003 00408 31313
53629 45978 45661 29313 76404 94331 12854 57514 04297 96632
80632 88237 69292 39734 92912 64269 76413 79196 54716 21831
37309 00974 09366 20284 37534 51560 57960 83262 60953 53779
07074 80916 19721 50407 55614 07959 63257 42809 56781 37199
64664 16796 16058 53252 08031 72858 11174 96112 25043 02999
44983 69279 54354 81320 67181 92112 22148 60583 25821 84279
00000

Link 70059

12194/10943/8116 kHz, 21-06, 0400/0410/0420 kHz,

11166 70059 26845 21001 00049 00000 00000 00000 00000

Link 70202

13924/11474/9234 kHz, 01-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 01-06, 1200/1210/1220 UTC

11166 70202 64175 31096 01619
01660 25420 28166 87526 66979 75098 82865 47144 68626 65865
73097 98944 24108 91979 78728 60112 83578 00372 90245 37253
25946 89953 99055 46654 03911 55555 10932 50265 67620 24936
24793 18335 21617 62286 43998 54651 94778 36686 12355 45315
27939 78930 92017 16987 08861 75175 25465 15539 09271 70842
48755 41062 03623 83203 48234 00156 74297 46107 77882 61435
32907 35264 79504 25208 12402 47534 72930 43238 09671 32665
08430 49554 83309 00897 98510 88225 36258 54894 71314 49050
37987 19425 12768 47089 65920 67235 89699 06984 70789 64549
71095 38004 95592 84637 89694 10747 02862 62891 11095 71437
89915 91831 02570 54768 96786 79506 18786 81203 36512 19696
46588 49698 02480 47377 76069 61765 32505 77875 90088 37829
34341 53152 89436 11793 02296 43649 95830 14782 79653 79143
99932 83965 46585 07045 46572 57432 38230 01563 74363 41026
22647 72206 51906 58094 93311 45018 77758 18089 55854 15016
36354 64945 13719 93254 27084 91190 82447 96955 08692 96159
00000

11166 70202 50971 31097 02239
74773 14237 77058 98888 72646 19471 43811 41728 62998 05810
17450 64844 79267 20988 14349 13658 41314 03049 93197 01524
81491 42256 59570 54929 27190 08564 94488 37851 40785 98103
83118 51211 86267 57091 26847 68376 37659 06639 61272 92611
12638 16858 20535 87463 68169 43738 15409 35980 40363 47201
17356 29716 33264 53791 65717 73468 86251 12435 40247 16659
74742 16692 66155 47330 23881 91966 43866 09665 39903 71079
20665 30980 88869 06667 46427 69137 77441 93831 80626 16293
15402 01483 42785 19939 64599 35807 23579 07163 04004 84306
98772 23071 65564 13839 13173 19306 20559 21096 26787 53603
21115 58972 40383 86315 26593 87235 42624 84853 69523 20963
45975 71967 40785 75158 03567 78819 98700 29013 24208 88774
31752 58212 27719 82854 29595 08769 07799 22789 42063 10776
94590 32599 30843 55559 34138 64659 43520 84626 26936 61163
64667 64368 92740 50937 23678 41573 53840 14550 64021 13182
53968 87627 03615 42245 55051 73342 40992 09771 78979 39994
86963 91366 86570 80626 26449 85142 92949 48620 80177 38964
87484 76177 40936 50430 47523 11698 04057 38069 68055 36883
96828 07149 94537 49607 36525 58560 79050 23428 31727 14197
00968 79698 86644 57287 62335 33220 73104 11093 75149 97356
99900 04436 82706 59573 34207 97468 82234 63306 54714 66145
40974 57135 41204 68812 22905 97163 30224 43375 68305 13568
91581 97221 00000

13924/11474/9234 kHz, 02-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 02-06, 1200/1210/1220 UTC

11166 70202 52197 01098 02539
21894 11145 99480 57145 78357 38640 85014 35958 82334 79080
44961 99305 91651 61116 95194 64714 59738 55884 86303 34619
21201 23590 30222 98255 45056 98457 18755 93039 85339 60505
76180 36340 83759 67565 13132 63612 04092 46008 73923 33811
02995 63578 94530 88024 66946 32816 13403 72274 69975 18465
02286 60409 31881 47334 09263 38032 81632 44033 31182 33404
55631 41023 57671 06257 85515 36425 53916 30452 55219 98014
74405 31426 31938 36854 24807 64358 00725 98980 14190 43998
57376 48604 64756 62093 39309 41248 71282 53346 99117 10266
27460 95849 50488 15170 61309 56932 41163 25229 46870 20346
32654 36738 84348 55744 91368 47431 65904 16380 20855 36453
69272 75966 89848 23342 46406 40634 35808 04442 99325 96918
48623 90208 60358 81731 64185 91820 18968 85229 22516 30549
62343 22540 70126 68318 21955 35268 11304 82894 43250 08726
38017 36140 20678 15824 93113 08778 65241 23559 46512 00085
96748 23036 89070 15979 77961 68967 73810 93910 32832 39574
59200 38017 15996 52843 34174 62958 25737 00065 29573 69891
77583 82595 45705 03010 80749 62776 50703 60075 84580 64956
29368 55411 87220 87544 87197 58756 23665 12036 39264 58441
75398 19952 38656 22327 68803 53624 24152 54922 54519 81762
91818 74134 84958 55749 20226 56091 32140 67593 03963 21463
13053 45480 75135 61719 14724 47853 17551 28782 36177 41981
03258 36474 89478 77915 06135 47238 27051 93817 72225 42538
87441 13551 51495 00395 76738 22511 20698 28480 27815 32607
52049 26226 04602 72342 07385 74366 43552 62935 62492 75360
49518 98251 00000

13924/11474/9234 kHz, 03-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 03-06, 1200/1210/1220 UTC

11166 70202 14758 02099 01099
13060 31247 35329 82900 88810 44893 14238 11986 12711 85568
67539 48334 44729 02416 62408 10116 62214 89674 82514 53061
05715 34524 61003 04101 90904 95500 66302 59157 41325 84905
07951 81043 21600 53670 54638 58391 75836 02087 81631 11552

00882 64863 89785 56407 09141 43928 63333 62034 60616 87430
58616 63148 68895 38363 40971 13268 10727 01262 11947 89544
93920 00394 94038 85190 63217 27904 65129 50435 48848 05328
59827 67963 87447 06927 79883 73754 70021 18277 80881 59274
96654 28543 27382 15955 42641 79894 33713 07889 65729 22472
32590 83692 09166 48370 38759 63459 80233 03057 99846 61754
08958 97669 51597 32578 16682 70634 19704 99107 00000

11166 70202 36927 02001 02359
60284 42049 55602 79940 74183 81496 90382 80517 05242 51786
87442 46901 07721 42669 62701 69508 62780 80319 23960 46990
36887 38169 18820 94572 67288 82993 58870 33753 54216 54691
12335 24272 64516 03195 82357 24317 76394 30940 13130 89873
19967 14349 91030 49192 93283 02745 32970 13272 58551 18156
79137 08331 48193 04427 32327 41175 35484 99087 11027 33428
49404 26416 08475 85530 38432 35126 74853 56477 12944 29121
64818 70204 20913 64758 17546 84577 36607 13044 61485 83915
66944 10218 61012 80986 05233 45148 47157 39411 86940 56977
99605 52422 27224 41473 72157 38896 44862 89489 78830 42622
02323 06008 82789 45717 16615 83178 55306 32148 20636 25801
96917 62287 79696 52686 37979 44436 92903 22332 60807 14268
34098 56359 10581 58106 12027 59128 87209 40999 54448 56996
35339 25513 45839 05631 74696 92180 73415 38835 37943 97554
61131 57311 08248 30795 96355 80800 73747 54723 78920 12042
41087 42295 47207 85988 75239 44413 60981 02710 57767 50030
45645 67419 80746 24473 27612 86083 18506 36925 15475 90017
44398 13011 06663 87934 84771 73411 24282 68865 27337 44452
13807 04402 26120 51606 54332 23687 70179 31839 64062 59605
08283 25742 04720 89593 46727 35388 14572 19522 62496 58846
24761 84077 98926 37295 38617 62092 36094 75671 78649 30249
53082 22790 30900 03598 24341 21876 41350 36335 17315 67440
44063 8127 083518 29450 25751 31418 60273 30707 56461 92163
25259 88399 41057 01233 00000

13924/11474/9234 kHz, 04-06, 0700/0710/0720 UTC

11166 70202 65813 04083 00049 00000 00000 00000 0000

13924/11474/9234 kHz, 07-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 07-06, 1200/1210/1220 UTC

11166 70202 25498 04002 02879
45984 74682 82744 02089 99858 48382 86447 64482 70569 92412
42874 47434 86588 64642 93892 97857 45347 41554 43560 19320
56070 01189 16642 83369 90144 43706 05108 80795 31175 10460
07316 36271 41958 87564 89550 34811 90516 04860 24620 33488
02417 66227 87178 56831 31538 72191 10494 99364 66487 20746
34307 83703 14848 97332 98508 47658 32441 89931 62299 58778
89804 90168 53517 79776 93059 66412 77844 33270 01357 19769
42550 39272 08101 58934 74478 23879 78124 54820 36965 22585
58007 60916 75356 26659 01735 10302 45846 46034 78865 25259
07279 87130 57413 00421 80652 69060 78620 45393 05963 26651
65815 97785 51114 73717 34534 42591 52563 25032 96110 98843
92384 00415 71896 59514 41455 59403 60325 95551 23436 39911
23988 60025 79245 99336 88921 53311 36706 81552 73288 35237
15055 58204 87637 95147 19003 17770 73940 15818 02038 00804
75572 92140 03647 04817 55457 90551 90156 07219 04521 60100
53873 79764 07687 31134 50206 92943 59560 62500 77477 33744
47020 23235 29083 85242 40886 19656 72716 41435 63855 03800
36316 55772 26899 24153 05455 46812 51303 04601 61831 09448
18540 62532 17566 05135 15156 02050 24984 29559 64874 43211
66576 81189 65088 73244 54824 79138 69932 30671 96568 03784
87128 58280 01627 58578 80790 85883 40326 76486 97363 28799
79659 19496 56909 12989 52734 44621 76899 62797 41212 34856
20721 12228 75427 18506 88075 25681 81863 25331 89460 39121
32686 52948 71922 57568 77009 41924 88258 69897 58590 82988
26876 66844 49635 04832 44471 73177 55411 15888 68736 29968
69338 98566 63268 87896 83265 79371 71877 97525 82601 23319
84470 07492 81008 26124 91710 06535 74318 02575 20632 70324
18389 94528 68394 98998 60564 46987 76380 56367 79441 25661
11797 46714 12622 74489 49000 02285 00000

13924/11474/9234 kHz, 08-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 08-06, 1200/1210/1220 UTC

11166 70202 41087 07003 01219

31961 61802 26376 44665 31094 52638 04737 99049 24438 68930
46475 71161 12132 93392 50208 54246 36272 90773 86030 05588
92326 58696 18505 05211 41432 82908 51633 24458 72014 39101
06724 59110 84152 08509 69119 06756 95142 99457 64702 93066
89682 92061 52124 76711 63134 48250 41698 87549 31276 54320
76886 77824 05008 88183 39321 91028 53430 28523 63303 78135
03741 48018 70708 15873 51383 57850 62236 06751 78890 95655
25955 65495 06854 74134 49061 21616 25459 32477 43799 92755
80031 57823 23482 08541 09013 68924 89544 89603 57825 79191
15574 11469 17047 81341 39243 07984 58346 20798 98097 94003
66603 50058 70125 11979 91658 81200 05050 32181 68138 78724
57280 61209 76767 59913 56467 38496 45640 94898 76583 03119
00000

11166 70202 68259 07004 02239

57922 94472 44631 88449 77587 23044 21832 61706 57756 81486
42958 16494 00439 53362 68376 42421 67518 92294 62267 15740
91994 96959 61347 11698 83478 57271 99538 96668 32598 95196
05797 86005 44027 48638 17259 78558 52816 71815 74921 03788
03699 50590 94012 42412 98092 56176 26275 06526 38445 85656
56313 90135 24643 62757 99228 26036 82155 97319 91693 09972
26603 26889 93682 78028 94437 88882 43035 48175 94429 96750
30027 61911 59636 18587 84161 86945 04548 81612 90349 66845
17103 50979 76670 28603 40247 56325 40903 84045 22729 64526
08019 86025 43833 22067 35811 25342 41710 15487 10863 79318
00025 23328 02030 47978 72575 58023 63636 38754 50603 21162
05560 85671 02457 20575 72397 13943 40309 22672 98907 85910
93614 38469 33904 89270 93991 66752 49796 53519 01213 42793
79957 05571 25007 66085 51123 00454 22339 05509 02983 88060
74869 05380 12176 01859 76278 40819 62867 80517 84142 95864
31091 58377 16040 62788 75049 85709 94595 86031 48564 64697
71127 99208 79849 12074 82598 28623 82811 84363 21562 61713
93055 26649 23770 03883 45781 30827 03158 72147 37766 14252
88874 99038 40615 54752 44046 45187 57468 42910 70976 44051
40356 37574 32447 27201 10379 35537 43831 03606 47913 91296
15690 91370 45026 47868 51540 25348 37272 64553 30494 89060
57090 52635 29444 44386 75952 54907 64486 57429 27486 29999
56274 04221 00000

13924/11474/9234 kHz, 09-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 09-06, 1200/1210/1220 UTC

11166 70202 95627 08005 02379

13164 32802 68558 52768 13975 10856 24815 43965 19440 85082
28006 08010 19065 75056 11239 61584 27009 80257 90339 50981
85542 41121 87869 65935 02985 72454 18960 62543 37043 23907
12396 62454 59507 47174 65403 20511 63224 74630 55549 78042
97296 39072 58220 43986 41443 89265 43097 71028 55456 80979
48081 18952 64692 48193 54084 22380 67533 84172 09152 05101
75769 87093 75325 08162 23816 49903 96707 23923 07719 99104
12148 53250 39891 12166 60999 28045 30500 68212 55381 66290
31452 11726 17374 51810 03924 33903 04604 55911 95349 01390
72636 43121 36832 87058 47630 28183 96895 82528 07673 76519
52524 97109 96256 65329 63423 72855 16314 47526 60440 70429
78253 85688 84085 05444 00452 48225 34086 39987 85605 84925
15913 59004 21412 24102 95218 86238 79002 58491 96119 19405
07564 12124 04271 89285 48587 05332 60654 72448 18192 60084
57034 12262 30942 12854 69007 27894 63612 27180 87588 15993
82332 23132 35267 74729 81541 65853 77478 04888 08203 80372
65419 67696 69708 84876 71147 04087 48912 59622 00907 45062
74727 93685 97613 67867 21733 76727 68433 77646 37214 27968

98402 19283 19089 79551 36016 49090 93147 56499 61725 21067
63048 20428 75290 67381 31497 69226 62908 77782 16067 09878
30068 07630 08078 46608 11072 69215 47979 51566 91139 86086
15678 10196 02064 15029 59241 58516 77326 65423 10420 54472
77634 70655 60422 50567 22791 91250 94381 59938 90868 54451
07949 33088 70587 59892 54459 05235 00000

13924/11474/9234 kHz, 10-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 10-06, 1200/1210/1220 UTC

11166 70202 62154 09006 01259
83672 93889 71626 34027 63579 96568 24342 10092 87412 38501
74077 90780 10532 48276 73289 36159 71231 57614 31581 98857
05942 64527 68800 77169 51962 34856 60494 30006 59938 51789
22665 88204 87621 72494 32696 46421 97092 01409 33206 70106
27064 39472 15878 01871 62339 18787 31905 01728 72115 81919
26284 05337 39251 15318 42355 34946 52115 96237 93968 47180
81015 62541 51723 52106 11103 64635 40462 87927 53639 09069
94720 85867 07341 53148 69071 09269 91939 59785 50184 01661
25521 72232 67599 27857 67850 17715 49910 42660 01291 99771
23501 71466 71282 88253 00279 37129 58392 66651 51772 17586
03493 46010 16138 68354 58304 04801 35040 94672 82926 64124
67347 07149 62294 57719 76377 45805 63582 05979 37742 06629
06089 53520 64510 61230 00000

11166 70202 95217 09007 02259
11419 82191 39751 98420 32956 70778 06651 49901 61108 94476
85807 78989 22969 35397 96049 96204 28051 00650 45666 81647
45089 50103 89924 66313 77378 16807 51959 30306 22582 49785
55483 60130 27944 33880 42747 32255 76863 66332 76198 15137
67742 94785 47258 06879 71058 46410 40677 50731 75599 02822
27881 95609 59797 00487 87774 93812 49093 61315 78406 53145
45278 83101 07965 85616 38740 44526 78519 19908 39566 04392
00956 69801 88420 99787 04543 75752 33153 72864 89559 61786
82062 80911 96429 74930 69758 69421 89802 99334 96564 12832
81002 62300 27384 52630 37302 74388 60983 87506 51448 70789
05621 95249 69876 46160 21960 91064 03059 00101 19204 52004
66414 35462 15396 62203 25226 76678 97812 58603 41994 00298
44390 81841 49678 94917 92130 62019 99245 92693 63412 94009
54979 39624 86149 82007 35975 96786 68736 58006 27267 89725
15720 03884 09025 48162 95119 31793 77244 03234 93360 02542
54394 34435 18729 86641 13425 83454 39310 97731 63607 77091
66326 53036 71620 26448 18834 40582 16329 94570 30694 97818
00691 49742 85775 31372 69231 46602 92314 32587 04526 02290
32367 68558 01112 59791 47304 53345 40296 55682 45277 29042
14261 34456 41588 11402 72941 76611 67919 79699 92078 32712
11334 15519 85913 80577 69008 20152 12942 47811 29625 65305
48169 66851 17359 56787 20319 54722 59400 15874 37409 34685
62949 08039 49144 07223 00000

13924/11474/9234 kHz, 11-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 11-06, 1200/1210/1220 UTC

11166 70202 15397 11021 00049 00000 00000 00000 00000

13924/11474/9234 kHz, 14-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 14-06, 1200/1210/1220 UTC

11166 70202 56324 11008 02479
18395 22363 83752 92513 40726 05493 81284 12159 11674 87804
50538 46010 14457 47380 66852 70446 04382 02815 08535 78640
30490 90216 85589 42955 41294 60610 70500 87593 41772 33692
10745 69943 93830 68865 27741 94042 77402 39510 31904 04619
54385 21395 08504 35131 02593 31202 54015 08249 11917 76080
67633 12218 59883 00173 27665 01533 08787 39053 07462 95370
91599 18010 10597 72214 78837 55121 29963 84104 43564 55039

60488 38955 66735 04452 20149 24379 50057 05126 58972 71446
28555 05498 60717 81833 00031 16731 66913 66776 13612 24182
77953 71286 84562 30218 10927 82052 27554 89319 18874 42474
25577 21403 01157 23263 76691 14306 59628 22043 85794 51365
80294 90396 93588 25040 45147 11790 59952 22497 03860 78810
43893 94109 60039 43161 47262 40809 51713 36846 14431 81214
30741 87985 05117 84487 70839 79695 82532 79851 58914 25473
84058 78698 49367 59522 66624 70242 86095 65455 43983 76637
21841 91822 58066 78512 89595 27877 51608 46843 05746 38049
34232 42122 09643 78537 59174 66742 69281 44473 52848 81545
07788 21085 64417 22463 30386 37306 27583 78200 56549 45259
51769 14884 87007 74060 84877 58627 60311 31379 14825 71939
78628 51175 02032 84920 07472 11090 60052 67177 79038 67876
26545 51406 53846 84353 91751 44562 20361 46295 76696 87574
37306 92691 78267 49527 48322 07839 23387 67254 23688 48673
99449 66282 08776 05804 53219 24051 83933 21666 75364 61368
65479 14247 12836 73016 02495 79817 76254 33460 49113 73097
34508 38587 16977 88307 13750 08245 00000

13924/11474/9234 kHz, 15-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 15-06, 1200/1210/1220 UTC

11166 70202 15748 11009 01819
17947 08185 82631 58102 11317 80176 80704 01044 98963 33404
73278 53425 95075 18086 82813 59370 54326 52867 03979 74417
40415 61313 54860 65343 43941 54980 61089 74536 23016 30263
08814 28610 65076 71194 27455 95939 93323 75394 88191 22814
66226 45345 29094 02888 43534 12190 42866 59620 17228 84238
88119 46391 30844 37365 10117 93981 35629 89487 81928 60104
56934 26324 01937 60670 69308 70594 08626 87482 03720 11878
98588 42045 35339 39292 58704 40172 25336 44201 48403 67079
15106 85124 92975 87663 96384 32043 73843 41632 05675 32287
26752 78190 16426 65191 83801 09969 27408 77710 20271 90872
70716 18179 92155 47542 87833 10397 75377 19122 47206 35247
42578 85009 01758 12006 38457 85285 09780 96557 39583 63505
67640 38690 09610 86544 27747 65652 85839 21172 00203 84180
58081 72065 61585 18162 25719 10925 19301 24128 43947 51396
04934 51772 95103 49480 95042 41678 46036 34115 82833 77429
77440 97627 49150 34318 96113 00731 06219 91805 66047 71756
12583 01957 19312 04827 82664 31005 32663 86621 39399 16262
80805 06464 83370 05532 02257 29376 76880 71247 38746 09179
00000

11166 70202 48126 11010 01999
70656 41605 55957 65155 20218 75408 48209 08909 82991 67012
83497 14552 71581 83620 93707 95887 01859 13834 43113 55609
68902 16134 14528 34804 88282 94022 28753 28963 69851 33758
77021 68933 16255 65632 71113 90245 63328 34711 40831 39262
04577 91995 33537 89576 66928 41923 95414 67105 29939 07156
39167 07308 05649 96592 27820 92973 21261 87542 29337 46012
71850 57991 21707 71688 35274 29906 53224 78729 66472 09516
87620 23755 13362 35495 88750 53456 21488 70998 24518 42972
19642 00484 94723 53888 03618 17254 12535 60305 60304 12658
94242 16412 99292 02892 37018 63998 84195 54336 89340 03350
80859 93364 43790 75948 64655 11559 06889 32448 54047 02279
25680 84315 62605 89509 75739 62622 86676 34942 40290 32392
70879 34199 35128 35950 18619 38175 59026 63722 39813 60395
74322 75908 53009 56362 47365 23468 84081 85801 03515 41870
28705 93758 76380 16025 70779 71485 55980 39847 74001 83041
65518 18890 88764 68561 21465 89477 41586 60117 56616 52781
99234 71117 10842 47273 24756 45177 19182 08000 67573 75397
52006 86106 54873 29998 86909 27053 76428 45228 17025 30960
80081 71502 25462 43518 20051 83700 80533 50909 25262 91558
31486 77158 79880 11100 09386 07373 33245 10197 00000

13924/11474/9234 kHz, 16-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 16-06, 1200/1210/1220 UTC

11166 70202 14758 15011 02199

62365 51218 60800 55453 88145 02278 19006 21466 95357 35323
25291 38955 16944 33000 57613 96327 62979 60890 94928 18606
84823 82028 58538 17939 46410 07068 31663 35215 51092 22278
68181 27488 97493 62556 26456 80887 62809 21661 89202 53695
36973 16819 55331 79304 56152 49931 14694 83708 08988 32541
41684 97243 14032 66761 68616 65252 91812 99344 24833 87354
79962 91085 52472 40028 64853 68747 34826 62176 28176 51684
98241 08363 31887 70372 73492 99419 89989 19014 27558 25103
00553 09413 01753 78484 36427 18304 17140 26769 18095 45337
33169 48233 17080 23882 70469 89950 63359 51856 33749 26018
55228 34766 95720 20953 95028 58130 28005 27951 99206 31498
89943 76700 56118 71229 11256 30429 30023 14233 29489 16882
34718 79848 68181 62907 25224 22069 66692 87348 80986 39265
97627 31921 79012 33638 32799 34764 80388 37550 43661 76360
78614 48942 47149 52501 83191 43029 32876 53995 36899 52435
32603 57794 90204 32995 17945 59245 81239 57363 37222 00131
94773 03667 27425 72206 98638 31347 62200 00907 81022 61403
21816 38922 37089 03220 96039 24321 78342 95158 55858 82909
63193 51113 54986 79523 72140 30201 47095 47928 76031 71794
29704 54018 70822 63066 50670 72009 77277 31247 38207 78305
29046 77772 40387 92725 97565 96514 85039 21784 27205 43282
96012 83713 79109 48779 26705 19900 07172 11217 00000

13924/11474/9234 kHz, 17-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 17-06, 1200/1210/1220 UTC

11166 70202 86241 16012 01579

09328 04641 75558 40419 33596 56360 42210 94706 13977 22032
84622 53113 18113 05078 20959 86707 77590 19657 78135 85713
96723 28325 48896 88627 16901 57537 38046 57143 09942 58160
33781 76557 98889 03197 65058 86356 29684 39906 30934 70662
42154 38497 12814 63234 13760 04608 05548 46704 74528 47722
28318 50738 16618 22748 01238 78815 46948 86915 98622 18303
56335 39202 14848 13522 03567 34463 03753 06489 37859 89453
77506 75017 08125 22936 75890 22878 32502 97054 41928 01686
26567 52169 64798 69224 13682 52333 75972 13875 65905 83600
09508 99851 48912 72358 62445 12921 69344 15859 16239 11301
48051 42151 05156 11421 67639 41595 42589 63230 67784 37141
41218 94754 86720 85571 87955 30563 72374 26882 59610 13862
11555 23998 90219 86884 50651 60010 25974 09264 06269 85115
28676 19093 89250 30456 13675 66334 90509 31035 33210 73295
02113 24906 41102 01827 72067 20819 99728 31960 16220 51511
15225 81646 35739 54823 11841 12155 00000

11166 70202 52863 16013 02079

45139 00253 74152 74768 55847 88157 93982 17929 04095 53647
52769 18852 95110 98051 08014 94311 34123 29310 83479 58412
43093 89436 25240 96583 99433 91838 07048 86152 07635 23193
58451 30692 39730 89554 14103 00320 05565 11401 07701 95145
38765 97273 58995 74047 09385 50741 27296 15973 99142 90330
29924 05939 00194 87146 49041 62934 23378 49852 75297 51901
26873 11696 61728 46984 01200 99281 86350 38237 71511 87762
46879 98978 03103 72149 36017 55974 21086 09417 70741 29640
80154 11101 74041 36455 45393 91071 32525 70764 70050 98165
78349 08170 81228 88379 68898 97684 09418 16285 62661 34848
22815 50386 14729 32982 52369 42080 40365 34787 18483 02922
20076 31446 95311 69879 44628 81443 73600 63257 23433 46282
07993 66992 04766 85268 59751 85995 81219 76580 70817 60231
78862 56789 30168 40225 53522 96019 18389 53684 42632 50951
41408 17916 46089 62831 89326 77738 34541 92699 81287 73566
08570 11009 82311 69357 57173 83818 03054 95108 89010 22770

18394 83598 34844 91011 65823 06048 44594 82268 09548 36393
27475 15246 81256 98866 08630 10553 33479 78562 00705 42330
66488 99672 13802 81777 14673 01097 52256 74755 03311 64094
71655 20666 11705 71678 94558 44779 03596 04433 08343 81218
10795 02451 93611 08763 80982 13205 00000

13924/11474/9234 kHz, 18-06, 0700/0710/0720 UTC

11166 70202 51469 18025 00049 00000 00000 00000

13924/11474/9234 kHz, 21-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 21-06, 1200/1210/1220 UTC

11166 70202 72635 18014 02279
20730 56424 43805 05558 65033 73431 82745 52106 68623 03731
86506 84863 65377 68243 92386 28784 47323 38416 89133 60196
34067 77106 90129 16490 39979 68237 50424 25041 37560 27418
88557 56063 40445 10696 99100 29069 54475 63649 66860 27635
70264 78001 18678 02155 95715 47929 73765 65269 51913 43284
78515 09655 80832 41880 36717 02868 38297 88055 71123 38927
70641 69700 77305 51315 98486 30915 55720 17106 56094 62509
32949 06879 59714 37516 08029 60128 03389 83921 84820 90854
05616 11776 76342 53002 55344 36894 92029 20469 30719 68331
43821 61334 89011 51804 32051 11027 51190 86260 97047 74099
29546 55787 47404 09307 71827 44031 00837 77668 20319 23327
98584 58212 09296 35722 79283 61077 49291 08085 23242 92669
71625 68477 03074 52555 31623 55991 01609 66777 93953 41221
83033 87293 48549 99577 28184 12202 30515 04615 69939 06471
42490 33565 89656 27829 02883 02272 60567 87528 68421 71699
49093 00659 04463 93217 10003 05692 01491 84837 36359 57959
61237 55598 50189 26743 00885 20282 44806 50660 48754 71645
14740 31046 29948 02368 34196 68002 65368 93881 69987 68819
32548 14298 39882 83438 61738 92587 52290 46660 65691 61232
88242 31778 26565 84508 11588 45317 88395 14617 18353 17589
28583 42817 61202 68714 06803 37778 09924 54844 14808 88323
33898 24224 75544 92752 17473 37821 65021 61937 44183 34188
55366 28374 10761 43249 02520 14225 00000

13924/11474/9234 kHz, 22-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 22-06, 1200/1210/1220 UTC

11166 70202 31548 21015 01559
58015 74583 83047 42962 02906 91402 37490 09383 18436 48195
27201 36995 03247 63328 44885 68596 42691 95379 17479 84159
38076 33091 74700 37328 57880 95190 66911 38485 21875 94772
05742 51605 54097 47902 25892 97048 65612 31157 91579 77513
52985 17781 96038 69310 23430 47130 27536 46160 82540 07117
00315 27702 45569 34324 73930 69885 58169 61488 09393 39459
37550 67023 35570 39719 69987 06293 24277 79712 25603 29304
97495 04097 76382 14514 15164 25818 28346 73439 16967 28818
03814 05751 16565 32945 34715 09545 71709 38257 52865 76484
78669 90913 88147 26478 64409 37827 10556 61609 74966 62280
77006 43986 83449 17685 68888 27201 66107 01672 31262 96102
19904 37699 49660 94541 20026 56371 25424 45802 40781 93653
35511 95392 88303 48159 87716 30889 18517 64716 07235 58518
38789 36390 15513 41157 16714 42144 87326 27461 44463 62338
97011 26778 32136 39246 89795 09562 28557 74776 39167 37955
92948 82594 76213 15153 00000

11166 70202 75698 21016 02059
37651 85749 78034 84774 01814 12519 62655 66743 30888 78547
18632 88587 13875 82128 78907 97417 73311 45891 81310 80789
14049 04418 25386 44607 81496 39222 66040 75100 40278 15778
17444 52077 09234 02294 65620 05633 13714 74897 13169 33499
41082 38951 04547 21229 10396 21156 05367 32405 92170 12151
34125 61043 39185 64280 69813 63405 14259 74235 83844 11380

25938 05237 69737 34645 08034 28459 68988 43778 03940 88381
16571 51517 41673 21754 54506 34350 10583 84858 86934 01624
75644 68762 75127 64363 90298 07250 95883 20985 93759 07107
11733 02083 03734 55471 26401 41500 40484 83910 23965 65847
43183 93924 15136 19663 64486 73573 39104 68415 54266 59891
94397 46516 68445 26799 97176 42545 63861 03185 90401 38866
65106 50859 52329 47831 14279 57046 77753 11744 39581 21127
30441 58792 03698 40295 90197 32114 17907 23843 42995 34206
32841 90727 87609 53838 41851 30143 57193 67694 57907 29761
79232 33884 49963 01331 22321 19561 49747 58338 03177 29787
64881 25398 52369 29875 59299 84072 62156 78360 86884 84803
64899 12811 89262 79647 15482 55658 93701 55492 76161 32230
72033 72462 27308 18184 46563 37170 52457 58518 53877 65535
71117 25354 02506 14828 17764 06673 85365 89648 90470 43204
32929 51513 17597 16203 00000

13924/11474/9234 kHz, 23-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 23-06, 1200/1210/1220 UTC

11166 70202 97642 22017 02559
23227 08193 77285 37241 00443 13258 84937 24149 63268 94115
49331 78968 63241 31473 64113 95497 72164 73387 89765 52097
36596 01451 53255 53696 06649 68544 05599 63356 12547 75378
73268 03071 87375 77979 64392 28489 59457 43320 15668 07256
62791 95286 90942 55650 39007 18167 67386 13216 29247 09839
70206 60060 79435 01860 41826 06524 07367 88630 56483 09897
05035 32840 16168 97875 74667 39357 88846 03446 21886 14769
74918 40873 54423 54756 12818 77502 59858 26483 59723 81040
60783 38192 08301 47016 70849 13206 25416 36102 00139 10491
23760 75989 83275 59011 02324 07503 28741 98025 16652 79630
12814 40533 64825 23183 66569 02054 00102 57743 29397 61925
06151 11605 67445 49304 95833 59386 80454 71072 19440 07018
45401 23811 93352 78762 70402 57054 85045 85990 57300 79998
15374 82371 96389 28852 64087 35180 41699 37021 89499 67407
40286 75312 98259 50355 13967 54345 26152 51409 16929 06356
15881 66672 17655 88587 02750 93153 78610 75442 44203 20194
32110 31602 54142 44812 75823 83277 27967 40670 36342 29810
69282 35339 74252 62774 54200 75552 29146 84795 94165 85130
28015 45265 83278 45276 05462 35132 41001 51915 09157 07964
86230 29778 88996 19473 03646 07906 93388 02675 88285 86270
21093 20889 79281 48196 02084 65754 18687 98267 05839 92450
96347 30413 00518 09320 66740 55856 11445 64065 48720 45610
52360 93716 44121 67220 27852 30563 36139 20420 30420 81221
53431 01414 80605 21036 10889 50449 83631 71007 62997 62384
00970 49417 30732 64929 60302 15355 87931 94248 52292 46323
18082 22616 87604 17253 00000

13924/11474/9234 kHz, 24-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 24-06, 1200/1210/1220 UTC

11166 70202 14758 23018 01699
30199 11644 08467 92644 99233 12547 65348 07532 69319 57527
44555 82818 80585 80903 61024 84863 98207 50424 37839 25842
41819 33075 29052 46595 43535 03966 57837 76150 89284 71709
37161 03829 23118 18751 65164 24901 19205 80073 12435 45700
51186 08716 43365 59158 13578 01551 38777 26683 74915 83749
12004 27320 67321 75378 35618 60142 42191 88561 20994 10797
46672 28643 17880 18145 00640 97798 26190 01945 78836 24519
37182 37504 27895 67413 46220 88241 72886 66765 04308 32095
93128 42280 00574 42719 71907 60464 92910 11402 49818 20063
28937 20642 36401 29015 24481 05326 59773 71332 91776 62435
58928 87375 34548 95237 48407 15931 52180 02869 10012 71554
20152 51285 91263 55594 38938 86482 15282 24354 68544 75947
31785 62815 90881 89267 63877 37363 67155 53836 30341 25961
82467 46596 48090 49196 94804 07754 44498 50643 30617 87403

34269 99987 94159 60998 40547 17331 82796 74612 64962 42135
25445 05915 36272 95221 86356 51816 92321 07290 01411 78703
74976 12357 39121 96211 42746 29598 03536 18167 00000

11166 70202 36958 23019 01959
83750 35572 01101 31467 75071 67701 07615 34691 50993 79027
86412 57367 97186 20830 83507 52697 70260 04166 69200 22245
03401 96785 66408 76377 02331 71717 37309 86216 98796 43436
07970 25522 53765 52579 35645 25961 27501 85123 48449 94192
58744 36987 12072 64204 20144 59963 03234 83342 42154 49951
94566 55468 22573 63403 80610 89683 63918 72932 99608 28058
05813 98022 30792 50802 44588 71770 71837 82309 57274 29595
26190 46528 72176 30869 54941 45076 53218 49385 72937 56550
90245 93619 93815 80471 12467 42708 53662 74284 67239 09087
67954 56868 31361 63732 01512 76989 47075 84932 56101 70130
99973 16534 05426 52137 80973 46598 32147 23115 99570 42404
46659 80025 40547 02737 92278 61405 81321 13400 66556 72650
12137 16888 13379 65310 26261 32153 65573 68818 72397 85410
42673 98103 86496 37919 33555 85517 45134 21663 18627 10516
07675 18890 11252 25532 39385 46429 23097 01477 32690 30739
83098 41310 68763 84603 64727 35110 86641 21437 01239 55084
52036 68116 93600 13969 43050 62294 40791 35231 94967 45113
47133 08536 71318 85275 86380 28897 53398 95389 27225 42962
65435 26550 49909 50859 77584 52067 08658 37056 53946 76298
19577 28647 37786 19193 00000

13924/11474/9234 kHz, 25-06, 0700/0710/0720 UTC

11166 70202 91643 25091 00049 00000 00000 00000 00000

13924/11474/9234 kHz, 28-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 28-06, 1200/1210/1220 UTC

11166 70202 36958 25020 02179
61512 58824 59972 90946 58317 14448 00298 24597 91683 31761
63768 49036 62093 88825 93991 23771 49469 72242 33908 88191
49180 25926 13413 18406 49942 09346 84330 20883 95798 76190
57451 36355 99368 09362 21292 52409 98560 73271 47295 48205
73917 69347 11135 19765 68807 05709 84826 59263 79622 16933
79318 86758 08194 94861 42269 57804 93593 16376 40683 95376
65525 79087 83091 19557 86476 80866 60982 73403 74839 04171
14148 68453 26164 91081 49651 98289 74750 20007 69084 93613
62757 19986 83830 17263 09025 83523 22982 22595 94776 63895
63641 23704 08425 67869 38258 50878 16624 79772 98709 89757
53794 77838 41811 27614 47289 28787 25934 55201 20388 71551
33425 97610 40316 26117 58516 72563 03466 88384 25412 99583
75012 97008 66232 08490 25121 83150 13514 20639 28908 39074
86951 01361 22374 66527 79050 07022 31469 90849 69415 75157
16501 51737 22317 31106 99054 06604 47261 09582 63624 07479
27232 14636 51134 37384 44291 66421 86547 17105 57237 08221
07743 18329 10998 72165 87841 44052 82447 27076 68193 62219
92339 56876 44178 03521 38044 43011 71040 59283 26762 49302
81920 40404 13928 32681 35287 83250 76469 28247 33953 13472
75616 82069 82849 03659 88953 30188 77773 85792 16392 47235
42265 04407 89762 13138 54826 21420 40700 71304 33654 08559
06526 76770 71085 88319 78797 20215 00000

13924/11474/9234 kHz, 29-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 29-06, 1200/1210/1220 UTC

11166 70202 82415 28021 01719
00222 94436 80140 86118 49908 96389 81616 72656 81407 63067
36603 34009 12368 99295 27121 44715 12619 14939 81082 12274
34389 19743 65250 35714 73867 74911 61895 82611 25063 06118
52576 01755 11870 07620 57492 13640 09307 92185 03832 45990
89850 66499 21572 06476 55795 36745 90149 09837 43601 74058

84452 01575 11137 94521 93560 45433 43781 33403 10686 66814
40306 18319 17732 69355 64476 71010 12927 66830 73323 92416
54957 97573 57999 10748 22047 13606 58183 97218 09406 61664
35946 79154 13506 98302 20035 05151 76606 06273 56501 41958
89966 04351 26613 07811 79196 67822 17992 71850 20162 01783
59913 74365 58909 34475 58694 47510 34013 22819 94127 41200
24819 87344 62884 83877 73994 18705 79821 32817 57832 22956
73146 93678 02755 97797 34361 13983 71431 56955 08927 80196
66980 44899 38596 73126 28662 09074 91336 61293 17516 21846
39790 36989 15381 69335 74208 24690 85728 49340 60796 16524
69746 45519 81401 14482 16125 70041 15492 84040 67959 91871
50354 48917 55223 92896 30454 81607 66254 19064 81890 21169
00000

11166 70202 63957 28022 01839
70546 75807 76586 70645 05752 00299 67838 03213 11751 54212
97532 54947 99922 08484 65531 26108 51322 42186 11227 08759
76730 36550 52361 24579 24464 07738 17676 31914 34371 70589
34367 06751 61455 50499 56246 27305 17577 85637 43572 16913
04640 86683 30472 24906 37739 46266 40909 50167 81671 15301
39109 37044 49272 88411 25406 98322 35004 65615 13436 44927
82231 82467 49609 27052 07634 25855 60813 16411 31179 77615
41269 84279 85096 53179 14488 55029 00304 27416 31266 39839
93700 64880 89644 80264 04786 96637 87790 56366 55027 10855
45714 39069 28417 49352 56776 91450 96667 27304 54923 48642
37464 18262 08574 31032 19220 71703 77106 70451 50787 55289
90884 54048 19526 39008 40753 15507 66209 63413 87941 28336
70166 59118 30319 80882 43131 09756 85934 37778 55205 75584
79775 17495 41399 19916 44692 40703 62175 05575 72416 29119
16423 53555 75614 59529 30327 81079 46914 02670 70540 61235
25846 01670 55118 71379 09623 69719 60638 22505 68712 11676
48955 86749 53131 99272 62017 65233 00395 54637 58187 63423
81070 21792 88508 66196 42863 30831 36345 29804 39170 84467
68842 22181 00000

13924/11474/9234 kHz, 30-06, 0700/0710/0720 UTC

12226/10762/8191 kHz, 30-06, 1200/1210/1220 UTC

11166 70202 24863 29023 02139
53444 14150 56031 48819 12812 73680 10795 26468 11502 75904
48508 61562 87490 97790 64430 57527 68527 06190 08327 15706
98889 85349 90760 10564 34198 04750 91043 73214 77735 94466
02792 62914 56718 20236 78003 31242 61933 75419 55626 08644
99195 32044 85518 68023 26066 18117 83767 45072 72250 13398
80295 20030 67136 80809 44674 90546 22889 75687 01119 90363
46555 00047 68564 33463 79613 94053 86780 88408 88388 81894
14470 12541 53797 14225 10257 00727 33843 74390 32544 28347
97297 40602 19140 93207 52017 21258 32614 86067 16323 05596
82315 44466 06885 96865 58984 69535 41550 20211 42897 10493
80543 22440 71493 46497 54493 05884 77400 20549 52703 63522
32818 05141 70120 07567 61176 04320 36430 08686 02029 21871
75718 88065 40090 50306 70137 29491 34391 60327 26013 03626
08450 95480 65829 21700 87426 01662 94533 60766 93185 46180
13592 27736 33209 06059 81234 54366 44284 30257 42336 40393
76928 05513 76356 87001 31462 80477 36789 87802 81687 27849
80547 69531 47098 49169 10737 99634 99561 51997 81230 02934
15414 54120 36516 54568 08901 94514 85217 41388 07904 55725
30758 08997 57887 27361 07580 36619 65011 65389 96377 06993
14337 26922 16764 63471 24064 85171 20819 71513 21754 54278
35958 26758 53447 78683 30545 76868 61639 66737 00710 49335
93037 23211 00000

14565/12169/9981 kHz, 03-06, 1310/1330/1350 UTC

11166 80214 14758 03014 00049 00000 00000 00000 00000

14565/12169/9981 kHz, 10-06, 1310/1330/1350 UTC

11166 80214 56328 10015 00049 00000 00000 00000 00000

14565/12169/9981 kHz, 17-06, 1310/1330/1350 UTC

11166 80214 97635 17025 00049 00000 00000 00000 00000

14565/12169/9981 kHz, 24-06, 1310/1330/1350 UTC

11166 80214 36958 24059 00049 00000 00000 00000 00000

F06a – FSK 200/1000

| | |
|--|-------------------------|
| 19166/16266/14541 kHz, 05-06/06-06, 2100/2115/2130 UTC | File 04471 (1024 bytes) |
| 19166/16266/14541 kHz, 12-06/13-06, 2100/2115/2130 UTC | File 04472 (1090 bytes) |
| 19166/16266/14541 kHz, 19-06/20-06, 2100/2115/2130 UTC | File 04473 (1120 bytes) |
| 19166/16266/14541 kHz, 26-06/27-06, 2100/2115/2130 UTC | File 04474 (816 bytes) |

Note :

19-06, 2100 UTC: Stopped after 7 minutes

19-06, 2110 UTC: Started 5 minutes early and mid message. Stopped at 2112z. The operator probably realized that he/she made a mistake. Proper transmission at 2115z

| | |
|---|-------------------------|
| 7476/6855/5249 kHz, 11-06/12-06, 0400/0415/0430 UTC | File 04478 (1120 bytes) |
| 7476/6855/5249 kHz, 17-06/18-06, 0400/0415/0430 UTC | File 04479 (1152 bytes) |
| 7476/6855/5249 kHz, 24-06/25-06, 0400/0415/0430 UTC | File 04480 (1328 bytes) |

X06 - Mazielka

| | |
|----------------------------|--|
| 12150 kHz, 16-06, 0709 UTC | MFA Moscow clg 256341: Russian embassy Beirut |
| 12133 kHz, 21-06, 0736 UTC | MFA Moscow clg 263514 |
| 12177 kHz, 28-06, 1255 UTC | MFA Moscow clg 364152: Russian embassy New Delhi |

XPA1**11421/12151/13972 kHz, 01-06/03-06, 0710/0730/0750 UTC**

976 976 976 1 976 976 976 1 976 976 976 1
 00466 00106 59905 64393 53672 82831 13077 45256 79296 28908
 50249 27694 69744 11616 48721 19484 79802 59517 60383 84987
 72035 33410 37906 22591 95187 06433 36357 08167 89057 82917
 85784 99428 99136 50282 78622 95401 59733 69041 50138 67807
 90250 06089 30382 80499 04986 34372 42945 59666 46844 75285
 05791 18069 08652 72310 17231 28545 67352 35081 30773 80572
 19899 85697 04479 68344 79383 35766 16691 46401 73038 32935
 93627 19724 74994 17784 59854 08432 43902 76742 04468 33120
 77923 04040 45392 31724 52528 33665 57422 87402 39999 14228
 16861 81559 75146 40379 46365 20288 89473 29421 40920 08775
 40410 69799 96197 86453 55965 99975 18358 07290 61272

13545/12145/11145 kHz, 02-06/04-06, 1210/1230/1250 UTC

511 511 511 1 511 511 511 1 511 511 511 1
 00383 00182 38567 47947 86281 95168 77066 72977 36156 38320
 33164 58117 85590 09020 45829 82443 81893 88843 81371 14574
 04035 39619 74936 05771 83512 62606 33624 82120 83211 29653
 67388 13793 61529 80448 54820 32953 10317 08891 12755 72970
 74876 41361 46031 29514 44875 86089 40107 31946 45623 14016
 13623 74494 85058 97935 31085 93923 40784 47361 50824 53286
 17537 30985 83684 77974 34020 04540 21226 97959 86090 04916
 05196 00279 72003 76214 07438 46277 28181 56606 16343 56151

77483 00280 81205 91248 45331 55083 29853 94674 57455 85949
92672 04915 79010 39200 30185 22435 68945 86534 41865 91426
36967 92057 28281 18731 12600 91156 10306 47779 36047 75609
43180 09371 89183 41444 21187 21036 09999 03250 45489 31063
28824 68908 88090 46797 85834 68389 33422 52953 65052 50054
52720 99489 85999 37980 67751 09070 54334 03226 94670 54711
86172 10586 07309 84510 62057 89391 66616 93537 99943 41191
73811 49114 59265 25988 11877 37193 27556 47835 28538 32396
32922 71625 87692 69370 34900 10595 50324 43885 48496 45524
51454 71971 86142 03309 13802 82526 80643 32671 50250 20257
22867 34105 31978 64898 07257

11421/12151/13972 kHz, 08-06/10-06/15-06/17-06, 0710/0730/0750 UTC

976 976 976 1 976 976 976 1 976 976 976 1
00193 00128 90889 45430 17904 87240 84429 94976 37752 79810
26804 28678 77334 76571 95413 16920 17519 07054 98050 00890
55510 64448 58198 82605 42343 72323 13562 92700 94423 36522
45417 61669 77846 62164 23217 65585 69517 45051 25607 10791
85464 50616 29492 46567 96226 43353 78189 54445 59395 19232
20165 22267 66312 10537 45925 90985 40356 59690 25517 23180
53409 65277 21438 79032 52793 51544 94045 13437 80364 07262
79576 23220 18920 34849 95875 48382 86983 28253 12154 07133
15418 28271 02570 47855 23686 81841 29534 43042 56302 82667
85274 99653 56669 02009 25130 54448 55887 60981 43893 99976
27147 86597 36818 40407 41196 41916 37241 68574 32900 54765
40341 49778 60932 27948 16183 31472 93114 12041 93576 81248
51858 79901 20351 45763 18821 34623 95206 39964 77987 60492
04702

13545/12145/11145 kHz, 11-06/16-06/18-06, 1210/1230/1250 UTC

511 511 511 1 511 511 511 1 511 511 511 1
00538 00110 43339 05752 59532 09451 23135 20357 40774 44936
92268 48887 80405 74026 19968 29376 30276 92072 34215 15427
03276 13882 32205 25999 29178 14123 63052 68474 76120 55645
56792 31125 16266 65004 71627 90903 18587 98155 04537 73928
46628 14499 55948 79252 60530 50769 94864 39246 05418 03764
22884 64636 56689 72475 12928 40467 60847 27757 69705 59292
52218 35046 02439 86041 66426 76454 17816 35489 53376 11562
60578 35749 21465 00875 27661 86371 03182 76157 12374 77835
63288 10605 11205 92456 73276 48915 47022 35999 19666 57148
81866 84163 59359 88516 53486 93030 60518 77349 59918 91379
87005 31391 23216 28131 31077 17213 99719 64200 96126 97132
92903 48286 61564

11421/12151/13972 kHz, 22-06/24-06/29-06, 0710/0730/0750 UTC

976 976 976 1 976 976 976 1 976 976 976 1
02892 00138 86621 36861 13909 33099 24733 66404 14070 69621
82049 96065 24725 83726 91982 17178 97821 14647 87675 21247
25592 58698 52207 89362 86154 72781 93878 20393 75074 89590
03883 12095 63453 36428 66369 64152 15843 99236 19379 99982
73866 73028 92994 75379 41703 97953 66269 34264 70030 84592
04665 71515 35851 12337 98229 54835 37806 65306 92884 12286
59373 67791 19734 86143 80291 01436 12904 02899 70150 23837
15559 64409 04701 87561 67817 03354 26525 39910 71553 54366
42210 66334 23049 47382 16526 52856 77410 51482 57959 75512
45015 21527 11188 28191 17741 63133 28999 34044 72342 92374
29810 00463 06656 23257 34355 11777 15171 08338 90119 70535
18875 62206 48399 58089 28172 44349 02924 70580 73858 27025
02824 05077 41166 90594 89240 14296 39978 74124 01264 73288
32124 03580 02661 78353 20887 66213 40578 07061 27319 58029
26724 01264 73288 32124 03580 02661 78353 20887 66213 40578
07061 27319 58029 26724

13545/12145/11145 kHz, 23-06/30-06, 1210/1230/1250 UTC

13545 kHz, 30-06, 1210 UTC stopped after 20 secs.

511 511 511 1 511 511 511 1 511 511 511 1

02790 00124 09536 03514 79862 80055 89176 35850 46968 15375
94204 30829 18992 39588 00498 72269 65006 06339 55543 88444
96226 53192 99841 96997 35786 43104 51622 07284 59029 36427
76052 92234 15611 27625 62970 26670 22443 42587 36653 77626
84890 32233 38581 76648 93703 20949 93516 94711 97404 17853
20103 92825 12413 64113 80835 53891 29009 79208 82243 20398
98154 63350 24061 60069 50521 74940 93170 60369 99206 33733
24910 18074 85242 96619 81312 76048 84879 62714 50806 87277
70779 50618 46410 03175 97933 95861 23141 08460 63401 81897
88205 69959 76752 92238 31131 78801 49565 44183 07060 96175
54436 17880 11007 50800 13238 63362 35906 26417 38499 66835
92715 12453 18578 39651 79341 34376 09235 46012 12873 66775
15993 60353 46396 84168 38352 11641 31737

XPA2

13417/14817/15917 kHz, 01-06, 1600/1620/1640 UTC

08409 00001 00000 37660

13427/12227/10827 kHz, 01-06/06-06, 2100/2120/2140 UTC

05290 00108 72451 86827 97165 26894 25486 37750 11973 60457
10655 29926 57078 47008 09871 52362 37785 93369 39443 94801
40714 64097 29367 66661 86885 02508 06506 90142 13375 49369
59870 38114 45754 34598 76068 81780 95791 89406 97074 07959
22566 84865 84246 57598 32477 90445 25649 20917 25751 45054
39206 45024 48520 26728 89955 43146 33272 28927 20021 68642
90478 65681 56490 72680 76642 73567 70827 71605 13218 30469
94329 94370 24777 54140 78052 53810 86600 73206 14305 25596
82942 73757 65157 32498 06696 03799 71416 64820 58567 36707
56942 06460 60032 74444 09125 03433 86689 81354 43108 06385
47755 72828 25238 76656 98745 40639 00093 27272 50869 38965
13762

1346/12162/11562 kHz, 02-06/04-06, 2100/2120/2140 UTC

09950 00068 88172 07531 92403 95254 62224 01655 56856 33280
69869 16773 63992 29106 00557 47711 99198 49146 79112 79581
93441 51016 35688 10643 72415 24209 49027 61472 43804 47386
56508 51044 37285 71878 91890 46180 33652 57740 87972 39019
97329 66663 80093 02136 19175 26721 82258 64188 47128 83641
52816 72410 95622 21633 71738 03678 11629 01033 03531 85870
26941 79403 66498 91434 30596 69933 87296 01671 60147 84139
24314

13527/12227/11427 kHz, 03-06/05-06, 0910/0930/0950 UTC

05355 00079 55068 57320 24331 13921 99861 70303 52498 56556
60554 03955 00244 62179 58763 12434 09274 42860 98684 07397
49318 31808 17984 35286 19193 08739 71085 26020 04137 03140
32446 98330 12823 03403 72542 49662 21608 60365 52943 23803
18958 18540 91554 08227 32585 65788 28306 75833 51182 38571
55255 23754 04280 27013 18678 95358 27212 57198 83666 91179
70811 99012 92642 86898 05856 50697 63519 25365 33115 72864
09700 13104 75326 66972 42982 83302 91843 81630 57936 35133
51044 24135

15982/14982/13882 kHz, 03-06, 1100/1120/1140 UTC

04837 00001 00000 40657

13417/14817/15917 kHz, 03-06, 1600/1620/1640 UTC

03456 00001 00000 36260

14892/13492/12192 kHz, 05-06, 1500/1520/1540 UTC

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

12148/13448/13948 kHz, 07-06/09-06/14-06/16-06, 0700/0720/0740 UTC

09087 00106 80027 97310 30947 30095 31197 95761 84972 39460
63689 55054 14222 39580 87841 96331 37163 21507 34361 72440
19946 68112 77970 44018 55846 60908 08163 61176 49427 49064
13949 99087 80947 24447 80331 31237 65066 99501 73931 22261
34192 54902 10345 70751 38607 67378 71557 67054 97429 19745
76221 19941 29079 44360 53934 64689 41736 69073 42534 40520
72372 40048 77504 58645 46595 65727 66398 51919 03556 79252
55949 42037 61796 76277 45257 73376 97212 41667 33369 65312
58349 44753 66182 28123 51467 28505 49178 24238 04926 39584
12036 55687 26739 49924 10029 99693 84728 92304 23149 80790
35737 68798 70487 87006 99486
74341 65366 09821 60600

14892/13492/12192 kHz, 07-06, 1500/1520/1540 UTC

03510 00001 00000 33654

13417/14817/15917 kHz, 08-06, 1600/1620/1640 UTC

09777 00001 00000 40270

13427/12227/10827 kHz, 08-06/13-06, 2100/2120/2140 UTC

00194 00200 70921 78221 88937 87871 16325 97658 55088 06869
33048 49711 41184 03474 09564 20970 07473 45081 37267 19429
56826 48353 84403 22679 05082 45246 31818 24223 63707 70156
17958 02459 41488 46056 91117 58122 44052 15982 72426 85687
55937 53398 56236 51357 52028 47464 96699 98414 96816 78321
91929 55341 22869 03732 13099 21131 42524 67387 77571 13791
90113 35408 39579 53106 58447 27478 51689 03812 44889 26706
86879 29534 54553 48590 18147 64902 75832 95080 75098 21671
52765 13360 40835 48194 28326 05548 00821 79872 85714 34483
53222 18494 33963 56607 74834 98129 54522 44490 53956 43265
62070 44439 46430 92279 07298 15821 73234 32703 60395 61445
72231 86291 66180 87306 34254 26770 16283 10363 02758 73886
57797 87370 43246 25479 81917 68954 02143 84596 29922 40720
77070 76467 01238 98653 90886 14463 01183 96267 26266 10938
11417 44841 67442 54281 96180 44055 76631 42240 91898 11703

44398 59340 62093 58394 49762 15096 71881 98670 91706 85238
77667 85046 37154 23777 73055 74343 97151 80172 74036 05061
80272 27017 94265 38711 42913 58972 15244 28485 58040 22473
75117 12137 31473 30766 64881 73046 77809 36181 93280 30941
37470 78267 45970 03644 48607 41031 35810 87463 17426 79201
00323 51902 53560

17417/15812/14504 kHz, 09-06, 0910/0930/0950 UTC

07030 00001 00000 31262

13462/12162/11562 kHz, 09-06, 2100/2120/2140 UTC

04257 00054 69604 44504 62989 56571 64074 37393 16341 97139
08951 15407 23035 65791 95690 88280 72338 33667 09050 07231
65717 16716 59251 39776 10912 41969 11868 61782 01702 52472
46290 92856 00629 40219 49447 32407 38154 45212 04693 75541
05847 83097 15618 17054 53029 46007 59746 63898 08417 35223
38148 76651 61240 13761 62386 81392 30304

13527/12227/11427 kHz, 10-06/12-06, 0910/0930/0950 UTC

04661 00133 54282 98176 87009 38799 96424 37688 84545 42769
94154 26243 15359 54493 20311 02054 35580 45444 22527 68498
71788 22901 28039 73387 98574 29329 71697 69129 39001 17232
52221 99112 28722 19694 76292 65736 67276 50829 01511 14252
91147 04837 99311 35570 00585 59311 03319 92815 02910 32543
25854 59710 41385 76520 65311 97817 57518 02243 34958 87839
73421 19766 69772 61526 72501 04250 56193 92007 62455 75602
23949 53998 17065 36247 13897 06138 93436 52594 80900 57847
57631 72207 13870 58378 57783 43188 41014 86593 85091 76719
92900 81057 68880 62960 36689 37818 03715 36759 61465 46328
42609 48029 90083 34182 75788 95009 58625 08869 64105 33736
18514 39964 55992 81585 74254 74604 32273 62743 54026 02798
92226 63872 94214 85354 82378 57943 82116 77728 28027 46701
58564 33652 75636 40962 93074 22604

13417/14817/15917 kHz, 10-06, 1600/1620/1640 UTC

05308 00001 00000 36655

13462/12162/11562 kHz, 11-06, 2100/2120/2140 UTC

04257 00054 69604 44504 62989 56571 64074 37393 16341 97139
08951 15407 23035 65791 95690 88280 72338 33667 09050 07231
65717 16716 59251 39776 10912 41969 11868 61782 01702 52472
46290 92856 00629 40219 49447 32407 38154 45212 04693 75541
05847 83097 15618 17054 53029 46007 59746 63898 08417 35223
38148 76651 61240 13761 62386 81392 30304

14892/13492/12192 kHz, 12-06, 1500/1520/1540 UTC

04044 00001 00000 33260

12148/13448/13948 kHz, 14-06, 0700/0720/0740 UTC

09087 00106 80027 97310 30947 30095 31197 95761 84872 39460
63689 55054 14222 39580 87841 96331 37163 21507 34361 72440
19946 68112 77970 44018 55846 60908 08163 61176 49427 49064
13949 99087 80947 24447 80331 31237 65066 99501 73931 22261
34192 54902 10345 70751 38607 67378 71557 67054 97429 19745
76221 19941 29079 44360 53934 64689 41736 69073 42534 40520
72372 40048 77504 58645 46595 65727 66398 51919 03556 79252
55949 32037 61796 76277 45257 73376 97212 41667 33369 65312
58349 44753 66182 28123 51467 28505 49178 24238 04926 39584
12036 55687 26739 49924 10029 99693 84728 92304 23149 80790
35737 68798 70487 87006 99486 74341 65366 09821 60600

14892/13492/12192 kHz, 14-06/19-06, 1500/1520/1540 UTC

06873 00245 47461 09327 52889 34929 50190 46352 35439 20621
53968 53017 34627 56813 27373 00417 82148 99224 12357 10042
21123 95627 76053 65263 62935 10694 59413 94794 80003 40362
17945 07934 30626 91512 77242 77675 20646 07148 83891 75866
82242 29716 30538 17139 72887 50880 54811 76518 84613 86857
75517 33113 85571 91971 99157 89735 50054 24212 40115 48041
94764 98420 17876 37268 79516 83138 35564 02083 98708 80040
48740 44218 91833 74184 30442 75452 25019 96109 20183 51613
04321 52648 96523 07875 12941 02230 62356 03535 12483 41689
64086 72229 97558 76193 04527 86025 76393 80529 28700 24558
46006 08112 48263 47334 97138 86977 03735 09076 39060 25215
64718 69691 79041 53198 10941 05225 33014 18764 07996 23175
96181 67147 68840 64510 53503 24947 36312 21494 07983 74839
84628 36849 00343 20007 79875 31428 40985 61719 87703 01283
97338 52739 55802 68808 08003 56102 52255 80326 40648 62853
91926 03621 50826 86427 84966 18909 74837 50057 54426 34676
74680 60477 65106 35990 25427 01258 66511 10964 63189 33370
72854 74693 73858 46573 82459 51023 34287 15361 39564 29199
84718 92811 94979 00170 72403 64673 20153 52320 73114 08448
93218 16433 65206 23111 94635 25670 04399 64632 34449 76380
83423 75502 21992 00357 65409 83113 56493 90231 35525 32768
91734 27927 11213 28371 69576 62972 03569 39924 45559 71068
59817 82152 86637 83014 33226 57070 82168 87494 43321 51665
48572 83946 66929 03766 49482 89193 69769 10472 43875 43799
66973 90016 95840 18833 44229 52037 45739 66565

15874/14474/13374 kHz, 15-06, 1100/1120/1140 UTC

08030 00001 00000 21263

13417/14817/15917 kHz, 15-06/17-06, 1600/1620/1640 UTC

00583 00045 12668 69131 09433 23889 17038 13330 97367 53377
93791 18138 65449 54005 09811 53765 25309 90291 44112 70015
00917 91589 22134 50644 88636 97601 42741 65875 72812 28358
05331 32943 70030 70121 26142 97079 94180 79899 06617 66379
32533 66887 55705 38895 84096 54945 35894 2704

13427/12227/10827 kHz, 15-06/20-06, 2100/2120/2140 UTC

07852 00206 89956 18602 86117 14829 08632 05666 83679 15912
69970 43013 24730 71247 55344 61099 55444 06671 92844 03754
10873 03266 55176 03942 03661 33646 40131 10063 23348 68781
87775 06920 87821 00178 58206 68610 69081 25441 26710 18013
82367 20512 32773 54133 32373 52673 25938 36319 10709 23674
95801 76774 92909 34001 04549 76745 87186 54544 77761 48500
85935 54922 35125 88664 61576 68786 50525 57316 99920 41235
88483 50680 10960 85515 74413 27951 97396 26334 16104 22597
59433 13124 90326 70711 62879 33435 91280 00181 85090 04927
34212 58425 79081 32992 65818 59859 07797 08154 88701 29457
26329 67650 68031 32818 43626 49815 26335 94926 59120 23816
37506 19621 48687 03760 18987 28362 49511 25560 16475 97988
79552 96801 58739 60912 95681 41383 70878 46246 75249 92009
37498 95614 87545 28439 54882 94574 63291 17416 36107 80867
60485 18617 56595 02200 68282 60406 31987 42421 41229 61263
75554 13519 53868 58692 07661 25535 80497 45293 98227 44014
87913 76680 66085 26458 85024 44830 74761 74638 11601 08337
11505 43649 32516 25729 12909 98926 10893 02594 85065 49679
40539 26941 83061 84915 72587 96268 28257 77878 59584 62444
35220 96490 41159 46200 83725 76859 53426 96213 33284 10352
90046 06824 82893 72305 84796 38871 51551 56328 25001

17417/15812/14504 kHz, 16-06/21-06, 0910/0930/0950 UTC

03754 00122 42569 66912 78882 77853 57894 06776 48124 07663
73792 27595 69610 04463 80984 58672 26201 71770 25710 02429
00564 14713 18074 87413 23870 46322 21879 06414 96407 88099
29903 76089 31252 71375 35711 56672 94027 98756 42684 91899
14803 77472 64205 42746 01758 08825 76793 59765 75545 07070
44092 26328 02995 33620 17612 50287 19286 98085 98322 97055
88028 96220 00751 40321 23329 20443 24684 44725 80283 32770
53865 19851 16511 70785 59132 69143 68837 56830 36807 56301
44996 47387 14151 55842 24177 61240 95102 41305 54770 06144
81941 66597 02169 75611 27517 17227 02478 70935 78349 34193
01871 67792 00253 99480 96727 04284 21861 89775 29076 46616
96755 29970 99084 07649 98084 05024 02174 52811 07662 26717
75329 40250 26604 13910 51662

15982/14982/13882 kHz, 16-06/17-06, 1100/1120/1140 UTC

00212 00180 84548 67508 37589 14888 50891 99368 38436 46768 33619
04619 48133 15225 95316 10826 16366 04940 58479 25924 62307 22969
04900 66481 51069 79104 22910 55787 20051 08684 69979 64916 50236
38625 58003 04756 81820 49096 26639 82549 06950 34376 34910 91483
29257 40738 64130 76597 64008 22295 50768 28350 93031 33995 29410
07247 76967 79490 24227 19199 51942 14734 15495 42218 33354 90328
20399 67750 91957 68578 67374 91605 59673 00974 77748 33017 30173
91737 29940 01506 61685 36044 75172 96721 47347 40003 94298 02870
70851 66302 89117 12327 00111 21645 90972 19180 93987 94131 66551
11964 76183 57325 99051 74899 21448 72240 44854 78375 45080 08873
27974 47309 58694 58051 28563 85250 32520 21004 24007 22944 58313
50325 84765 96810 24474 17771 64028 27181 34402 08377 08839 58674
86556 87349 64084 25643 35824 59945 70520 84450 45345 78930 90309
79607 45642 16656 09838 69672 99280 86803 28135 48211 09315 70769
17539 11872 33415 57521 28497 60824 43979 91964 17393 50422 84227
63577 32330 11461 19494 25185 78690 77056 01909 84175 02607 29099
54395 40672 70754 28673 49763 69234 37265

13462/12162/11562 kHz, 16-06/18-06, 2100/2120/2140 UTC

06457 00144 25290 77370 66407 14099 13785 66383 63801 92607
47611 75353 86956 35333 50246 07077 98439 01160 71628 12539
14766 66802 12030 68160 47922 51710 76843 37013 13502 84119
24513 49408 02536 44709 12788 50154 51730 91720 50710 49798
77180 50685 31900 26616 04701 71925 63672 51549 03042 86117
75590 01600 59391 01688 41774 11369 79433 52174 72471 33358
15614 01116 14880 83804 52669 45300 72792 58564 84534 28082
58177 15179 03117 16925 52487 04997 19858 80937 72150 12137
70929 57514 96758 65492 09485 39177 14969 22699 75846 15140
46143 08148 01729 55717 79514 46244 69377 17386 92431 14216
78814 45923 73951 71293 27869 68968 61633 03980 36462 31335
07710 71502 27229 67876 14483 32117 21871 27322 10491 98585
00798 47274 03790 35722 68717 92041 37173 64527 05905 50445
82964 01940 29094 87211 39648 06165 62173 35721 95321 98174
81995 22330 82089 03289 90084 73589 71744

13527/12227/11427 kHz, 17-06, 0910/0930/0950 UTC

07777 00001 00000 40266

15874/14474/13374 kHz, 18-06, 1100/1120/1140 UTC

08402 00001 00000 34260

13527/12227/11427 kHz, 19-06, 0910/0930/0950 UTC

04848 00001 00000 41260

12148/13448/13948 kHz, 21-06/23-06/28-06/30-06, 0700/0720/0740 UTC

01069 00122 75883 25366 63410 98877 51738 14788 03943 44639
26808 59786 30868 81381 83359 05930 96056 30183 88045 22930
38466 89283 30948 53754 11819 28618 43911 70491 44389 35037
43919 82741 99999 57053 92062 10933 68547 12042 09754 43576
28714 95821 73479 77018 00113 10621 17680 00841 48298 43609
84934 76093 60025 76545 37310 95134 59443 76835 48388 09112
96621 43274 44028 96328 73907 90148 73885 67855 44217 12148
10142 79988 04468 01434 66210 85830 21677 47684 12867 55513
11143 46256 34800 71792 29086 39171 67511 90457 43776 92108
48541 86433 02540 49445 99975 51971 48406 77650 09114 64237
27300 69228 40715 41455 66214 34817 64729 69042 63636 05741
67508 93683 23097 30679 93806 54771 64864 07910 98887 41358
00646 45442 29394 32047 73273

14892/13492/12192 kHz, 21-06, 1500/1520/1540 UTC

03919 00001 00000 42254

15874/14474/13374 kHz, 22-06/25-06/29-06, 1100/1120/1140 UTC

03810 00099 97901 99468 10466 02286 21527 69202 46414 73783
15950 75231 59004 80348 33777 50707 54249 06868 00189 55780
51111 54399 90685 73498 41250 08850 28529 28155 96965 44892
32547 52928 16203 76577 20684 48957 21073 22519 85371 14552
03809 52678 59459 37512 85402 14525 30468 69165 12997 92107
24258 08275 64203 43802 21341 47041 02054 93542 60146 47713
90066 21541 70509 20109 36169 84326 51992 52789 04281 64186
17208 26717 30958 14495 97763 69506 07338 15492 61473 91698
40607 28616 99137 53015 35502 88526 21497 99534 03197 51642
83756 87602 28675 56649 06672 18411 95563 99278 33895 73476
34896 07333

13417/14817/15917 kHz, 22-06/17-06, 1600/1620/1640 UTC

04938 00001 00000 41657

13427/12227/10827 kHz, 22-06/27-06, 2100/2120/2140 UTC

07233 00104 84167 03479 05934 88703 80023 92344 96313 04423
97836 34934 39043 15653 81132 21896 15561 76642 75836 78225
10661 73435 90269 85302 72439 14532 70400 07124 62249 94152
16752 48057 83128 04151 32035 33227 55754 08538 36130 17671
03306 37325 74116 64644 38984 82384 49385 02280 84274 60051
76841 83407 93228 45008 43090 57836 00980 22621 37568 93093
98334 61162 59287 71632 36335 75297 25834 03735 74064 99781
59313 74791 29494 51116 00738 55954 81251 47292 75442 70144
02013 26055 29263 60213 68523 94048 52021 07166 89533 86740
76881 54717 29161 57533 40264 29167 12934 22851 24535 18362
63606 33789 47391 99196 54647 98370 56100

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

05281 00001 00000 32665

13462/12162/11562 kHz, 23-06/25-06, 2100/2120/2140 UTC

00635 00122 65347 50582 64683 76532 99777 18006 21407 02109
18738 59743 03374 72855 20037 51747 66120 33393 32009 19333
90213 82073 09589 92821 41023 07816 62929 60250 29229 05443
61932 41586 10479 76789 38322 26295 49451 80543 99331 01140
25753 88364 77780 54623 64987 55030 04199 14984 06970 34743
96638 43832 40854 66385 37972 86276 04675 27078 04268 60634
53372 93058 00943 75781 83602 97060 37365 99607 50153 91692
20470 14130 89199 49178 93153 82118 50665 89870 20284 01028
85362 52499 41806 71463 68467 91090 89030 92310 84357 46979
03624 25761 19394 52396 44169 54878 34603 81502 90954 59306
61391 72386 95264 02626 68714 75510 80595 19338 15033 85283
04946 99722 37589 67133 18309 45938 68690 26368 04262 97218
64007 50188 05390 08611 27321

13527/12227/11427 kHz, 24-06/26-06, 0910/0930/0950 UTC

00652 00115 01857 01955 76206 50176 10352 54709 27877 37870
34536 51562 12918 91733 58888 73299 73479 58252 86531 05281
67757 21354 14157 36445 95103 05747 70040 16663 10904 78441
18018 33925 92727 21089 56403 67719 81899 51820 90577 65815
13062 34684 34500 78338 00431 75260 70095 78675 23625 48090
23093 99125 72522 70218 57606 41803 70350 49112 36674 01341
71712 78743 77518 90021 87150 87559 81127 86974 88980 37111
89457 06916 41510 94302 85327 85580 05224 65380 49300 70584
92819 15675 80203 07745 47439 12444 93318 05678 59094 23555
06772 17215 02359 47326 85323 98662 33695 66118 86911 58644
79564 79622 04064 92847 34936 22609 75615 71191 39185 81056
42372 26322 14026 86558 75139 41835 42426 46730

15982/14982/13882 kHz, 24-06, 1100/1120/1140 UTC

06355 00001 00000 35263

13417/14817/15917 kHz, 24-06, 1600/1620/1640 UTC

09231 00001 00000 32664

14892/13492/12192 kHz, 26-06, 1500/1520/1540 UTC

01339 00001 00000 37254

17417/15812/14504 kHz, 28-06/30-06, 0910/0930/0950 UTC

06310 00061 26924 32698 13412 43264 76486 25818 75013 30245
71597 78890 12487 81650 36059 45615 76701 97758 02553 23713
05950 57446 75049 16068 56263 04681 60294 33541 21890 15054
85163 67859 01357 95468 49067 82308 55124 56159 72199 15917
49643 97916 75235 68341 65360 10713 47536 50402 37756 54633
07393 34541 62032 58427 18560 75999 39701 44497 72978 08883
87867 56812 72149 61201

14892/13492/12192 kHz, 28-06, 1500/1520/1540 UTC

00158 00125 53122 94529 53607 25761 81422 53251 43218 93527
41744 71837 52665 45519 34281 83788 33842 75365 14069 69031
73121 62269 20421 64088 63512 77632 20645 09930 28609 17666
91816 08789 41548 67742 31950 03479 36738 66668 92765 11148
06896 99419 52685 91120 04907 29931 83263 15109 38188 87411
77368 52947 52950 98238 31022 02174 18416 89980 75815 94616
57707 16360 50108 64349 03985 12741 34614 81040 65891 13418
03818 25579 27237 76819 19175 06325 44868 71844 78436 25507
75853 53375 42365 00941 14924 59512 01408 54763 46441 81568
77318 13439 04199 46641 76608 20980 24364 17620 19058 20013
26852 51838 66096 52630 93413 62420 92741 75264 04688 98152
91998 08275 97371 55199 35776 91272 26350 46677 57193 34507
30444 31776 87580 53517 24570 43821 22613 56061

13417/14817/15917 kHz, 29-06, 1600/1620/1640 UTC

00240 00213 24647 17723 18108 47217 13362 11506 03208 54302
56408 40346 83730 29717 06827 30991 10768 90906 48012 97716
97962 67284 18448 39451 57569 27158 04144 38280 37704 64432
00403 66641 30396 34707 41787 47295 59810 87281 38896 57644
38352 76408 09229 81200 78320 28916 99556 35917 96358 22486
66614 62301 22821 80142 83685 87367 83083 34964 26048 06250
78878 11416 06226 90832 45258 80351 87859 94398 46490 88348
57404 12311 18552 82842 48950 02323 51905 84611 60965 11338
61199 55706 91855 68345 79877 92117 05876 01075 84382 91476
24096 87123 50330 72740 49816 56082 27087 47340 38853 15151
69594 15274 62615 91314 67601 04416 92397 35773 71764 30890
79847 25876 01530 15511 30400 13916 90344 57478 29855 91704
15307 77361 78667 30950 68144 22528 67996 39070 19024 70373
76564 97249 68273 82988 43921 48860 90193 11431 31933 88430
04498 04546 97790 68945 50120 81930 96929 36375 29114 18302

33673 66307 99538 92819 11430 55834 29484 44140 71949 17190
91323 00923 22510 56504 27778 80173 71557 12776 37434 10445
22105 87531 25158 40295 38195 12591 38136 29479 03628 81546
49095 23448 13363 76698 97166 99219 58861 21032 63129 48232
53855 81069 47471 19088 60928 96267 02834 56719 91375 99490
16901 47596 84182 62211 88753 55427 61834 83399 49741 03618
71648 83422 78996 46111 89276 26232

13427/12227/10827 kHz, 29-06, 2100/2120/2140 UTC

06680 00060 31637 01748 08221 84890 74478 02957 34734 40441
87650 01912 64975 44229 75819 71946 90410 45660 97461 92213
08826 96087 97873 54257 12118 12773 33346 60599 36826 12201
65386 78562 61333 79213 52328 81119 17110 46750 38637 40097
08695 62169 35098 02466 43261 65317 16751 04956 08793 47044
88022 70749 08716 84543 41852 34039 55049 26225 66111 92903
81466 24911 23754

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

00151 00144 78887 65830 67889 16666 88125 51579 74501 72816
63663 75836 48752 16562 42686 73006 51043 23794 56971 62444
13280 57215 60205 07220 27408 26234 59406 47522 81265 31441
91388 67798 06125 20235 25027 91575 71219 25597 30316 12695
31730 92724 42173 57711 68313 00897 05503 59502 03595 63563
20193 46124 18979 36152 62703 06055 83334 68845 54691 60756
92352 08815 30425 78704 89760 08688 90849 30789 35338 92638
96450 48862 36494 92170 11509 65627 53120 32049 67251 18454
76669 37633 43395 72373 55149 09016 98860 66008 52944 32658
26979 61183 63750 49062 01899 49859 95395 30701 85759 97150
49895 22075 61715 90767 05864 93940 99540 24120 03630 93004
80914 77642 13537 89030 46564 09320 11074 02952 72646 16970
28980 36673 38151 10990 77005 07537 73633 74982 54442 43012
06680 28975 61862 84123 39388 47304 82950 58109 10254 39252
69850 19854 13274 25940 49610 62777 21760

13462/12162/11562 kHz, 30-06, 2100/2120/2140 UTC

00580 00120 39775 62523 78947 02821 57856 51854 16888 55007
02639 54910 09613 42370 48616 97763 59503 60039 30133 09499
04074 42597 67831 75204 92988 88407 30818 94705 34202 03071
07382 71450 58133 20252 13984 43095 05346 32067 35282 16327
13151 41107 12028 60729 70010 49456 50077 70260 24470 63741
38150 93085 40871 84953 80072 75641 78368 63655 90335 54576
09424 98899 03220 48329 53889 43985 37846 59975 76500 84306
82424 44112 72853 62753 02114 74182 53787 64057 04201 01194
98286 21722 20792 72206 37381 58116 49472 77600 36191 57602
07963 55843 84094 48897 00524 15888 68709 64924 08138 76018
26883 54368 53394 41786 65871 25382 12888 20450 70936 86708
30338 49379 19652 24948 58964 10317 35538 36510 23929 57270
60893 31158 63362

XPB1

15863 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 1900 UTC
14963 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 1910 UTC
13963 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 1920 UTC
12163 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 1930 UTC
11163 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 1940 UTC
10463 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 1950 UTC

15876 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1200 UTC
14876 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1210 UTC
14376 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1220 UTC
13976 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1230 UTC

13376 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1240 UTC
12176 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1250 UTC

11559 kHz, 14-06/15-06/21-06/22-06/28-06/29-06, 0500 UTC
12159 kHz, 14-06/15-06/21-06/22-06/28-06/29-06, 0510 UTC
13459 kHz, 14-06/15-06/21-06/22-06/28-06/29-06, 0520 UTC
13959 kHz, 14-06/15-06/21-06/22-06/28-06/29-06, 0530 UTC
14459 kHz, 14-06/15-06/21-06/22-06/28-06/29-06, 0540 UTC
14959 kHz, 14-06/15-06/21-06/22-06/28-06/29-06, 0550 UTC

UTILITY ROUND-UP

North Korean military

3271 kHz, 06-06, 1250 UTC
CQ de 2L4 QSA ? K
97E de 2L4 QSA 1 QSA 1 QRU SK

PROMRÖ

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

4735 kHz, 25-07, 0700 UTC

VVV VVV PROMRÖ = 25 06 =
1000 0057 0060 0071 1130
1200 0570 0600 0710 1170
1400 0560 0590 0700 1170
1600 0540 0570 0670 1100
1800 0530 0560 0650 0930
2000 0620 0650 0730 1020
2200 0610 0630 0720 1000
2400 0510 0530 0600 0830
0200 0420 0440 0490 0670
0400 0380 0390 0450 0620
0600 0450 0470 0560 0800
0800 0520 0550 0660 1010
= ABV
VVVVV PROMRÖ = 25 06 =
1000 0057 0060 0071 1130
1200 0570 0600 0710 1170
1400 0560 0590 0700 1170
1600 0540 0570 0670 1100
1800 0530 0560 0650 0930
2000 0620 0650 0730 1020
2200 0610 0630 0720 1000
2400 0510 0530 0600 0830
0200 0420 0440 0490 0670
0400 0380 0390 0450 0620
0600 0450 0470 0560 0800
0800 0520 0550 0660 1010
= AR

4735 kHz, 27-06, 0700 UTC

VVVVV PROMRÖ = 27 06 =
1000 0570 0600 0710 1140
1200 0570 0610 0720 1170
1400 0560 0590 0700 1170
1600 0540 0570 0680 1100
1800 0530 0560 0650 0920
2000 0620 0650 0730 1010
2200 0610 0640 0720 1000
0000 0510 0530 0600 0830
0200 0410 0430 0490 0670
0400 0380 0390 0440 0620
0600 0450 0470 0550 0790
0800 0530 0550 0660 1000
= ABV
VVV VVV PROMRÖ = 27 06 =
1000 0570 0600 0710 1140
1200 0570 0610 0720 1170
1400 0560 0590 0700 1170
1600 0540 0570 0680 1100
1800 0530 0560 0650 0920
2000 0620 0650 0730 1010
2200 0610 0640 0720 1000
0000 0510 0530 0600 0830
0200 0410 0430 0490 0670
0400 0380 0390 0440 0620
0600 0450 0470 0550 0790
0800 0530 0550 0660 1000
= AR

4735 kHz, 28-06, 0700 UTC

VVV VVV PROMRÖ = 290 = EEEE 28 06 =
1000 0570 0600 0710 1140
1200 0580 0610 0720 1180
1400 0560 0590 0700 1170
1600 0540 0570 0670 1100
1800 0530 0550 0650 0920
2000 0620 0640 0730 1010
2200 0610 0630 0720 1000
2400 0510 0530 0600 0830
0200 0410 0430 0490 0660
0400 0370 0390 0440 0610
0600 0440 0470 0550 0790
0800 0520 0550 0660 1010
= ABV
VVV VVV VVV PROMRÖ = 28 06 =
1000 0570 0600 0710 1140
1200 0580 0610 0720 1180
1400 0560 0590 0700 1170
1600 0540 0570 0670 1100
1800 0530 0550 0650 0920
2000 0620 0640 0730 1010
2200 0610 0630 0720 1000
2400 0510 0530 0600 0830
0200 0410 0430 0490 0660
0400 0370 0390 0440 0610
0600 0440 0470 0550 0790
0800 0520 0550 0660 1010
= AR

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

| Date | UTC | Callsign | Details |
|-------|------|-----------|--|
| 24-06 | 1655 | Systemic | 54 chr EAM GILXE3 G2K2EIYROQ67SYKRN7Z3SLX2B236MLDWLPPNB2ETMRVOLPLY |
| 24-06 | 1701 | Systemic | 30 chr EAM BIBZKX INP2EODFEWDC47CTUCQJNVE2 |
| 24-06 | 1730 | Systemic | 30 chr EAM BIBZKX INP2EODFEWDC47CTUCQJNVE2 |
| 24-06 | 1733 | Systemic | 54 chr EAM GILXE3 G2K2EIYROQ67SYKRN7Z3SLX2B236MLDWLPPNB2ETMRVOLPLY |
| 24-06 | 1830 | Systemic | 30 chr EAM BIDKTF M6BPODHB77YBZ4KUDPQEIXYZ |
| 24-06 | 1852 | Systemic | 30 chr EAM BI54KX CNB3PP6WPGTHPJTF465IEOJF |
| 24-06 | 1854 | Systemic | 30 chr EAM BIAMKE C7CARO7DUCJTEGZMWKW3HGX4 |
| 24-06 | 1908 | Systemic | 50 chr EAM I6LJUP DGKTEGS6ZBINXUNL2H2IJW7QALILVTZLC7CFWGCQ4XE6 |
| 25-06 | 0016 | Legislate | 41 chr EAM GIKVNI 4DHGAEACTFOUAI3ALELFHW3BIJXWIRRTKH3 |
| 25-06 | 0028 | Legislate | 36 chr EAM GIX6UC QZHUH7HGO67455BUQP7REXXN5AACKL |
| 25-06 | 0133 | Legislate | 30 chr EAM for Region Bravo GIXXUB ISZEFJJPZXKQBH7JHS5YLYF3 |
| 25-06 | 0156 | Legislate | 54 chr EAM GILBQF JLUZDNBAVXMPSPOHXZX75YYTAXCGDY07PAXTAXWGXC77K2L |
| 25-06 | 1430 | Legislate | 30 chr EAM UPVBQU D2PW5YRPGD7I2QAIZYJXLNW7 |
| 25-06 | 1438 | Legislate | 30 chr EAM UP3O6K 6IHWVZSOAD7JJ7ZSAOJRHM3D |
| 25-06 | 1501 | Legislate | 30 chr EAM UPRUUL BOGQXAD35AFLKME6L6AZ6DBF |
| 25-06 | 1504 | Legislate | 30 chr EAM UPNUD6 324LBAXTJYFXBPYKJ7RYFILH |
| 25-06 | 1508 | Legislate | 30 chr EAM UPMUZX 4WHXHLHALILZOE2BGZDBG7MH |
| 26-06 | 0048 | Wrist Pin | 41 chr EAM GISM4N VODHXA5Y5GFWW73Q6GS4P22PNRKOCJ73EBR |
| 26-06 | 0052 | Wrist Pin | 36 chr EAM GILNBP F644DATPMYYOAYG7D4IDLEF3A4CAV |
| 26-06 | 0107 | Wrist Pin | 30 chr EAM GI6S4P ZJGNEQKRE3SDQSWRI36AXUSB |
| 26-06 | 0119 | Wrist Pin | 30 chr EAM UPXZ7V 6HG2PANB7GWNG2HHL7PFTBRS |
| 26-06 | 0124 | Wrist Pin | 30 chr EAM UPTWFD 2IUML2THIWWATI6GVAZJIXKV |
| 26-06 | 0134 | Wrist Pin | 30 chr EAM GIX2GJ 2SMJSKB2QTCVBAVQRQ6RHIOQ |
| 26-06 | 0143 | Wrist Pin | 30 chr EAM UPX2RA AUR7LCLFSKPKVOBDGD2PQO6J |
| 26-06 | 1400 | Wrist Pin | 30 chr EAM for Pin Rod, for Cory GIWBSL FFABZLR6H77WIODNW65UVJNA |
| 26-06 | 1517 | Wrist Pin | 30 chr EAM for Pin Rod GI6FK2 EUKV7I3AOPSQ4K56FTXDKDTE |
| 26-06 | 1613 | Wrist Pin | 30 chr EAM for Pin Rod GI725T Y7BRQCJGBNMIZFTZ66NGT3EJ |
| 26-06 | 1633 | Wrist Pin | 30 chr EAM UP3RTS WDIYYD4DHRHTRIDOFAYSTQ35 |
| 26-06 | 1700 | Wrist Pin | 30 chr EAM UP3RTS WDIYYD4DHRHTRIDOFAYSTQ35 |
| 26-06 | 1704 | Wrist Pin | 30 chr EAM for Diagnostic GISF46 E5SFLNSM3QPJXO3LK7SV5XIQ |
| 26-06 | 1706 | Wrist Pin | 30 chr EAM UP3RTS WDIYYD4DHRHTRIDOFAYSTQ35 |
| 26-06 | 1731 | Wrist Pin | 30 chr EAM UP3RTS WDIYYD4DHRHTRIDOFAYSTQ35 |
| 26-06 | 1800 | Wrist Pin | 30 chr EAM UP3RTS WDIYYD4DHRHTRIDOFAYSTQ35 |
| 26-06 | 1830 | Wrist Pin | 30 chr EAM UP3RTS WDIYYD4DHRHTRIDOFAYSTQ35 |
| 26-06 | 1836 | Wrist Pin | 30 chr EAM for Diagnostic GIBECQ BUWDYJ6LBJLYHVNWUWSMEWRN |
| 26-06 | 1845 | Wrist Pin | 30 chr EAM for Diagnostic GIZQIZ MCLEXAASWOM55XYKZEPQFEW4 |
| 26-06 | 2045 | Wrist Pin | 30 chr EAM GIKJD5 ILR5VL3ZLFC2UWYCO2D7LCGY |
| 27-06 | 2130 | Railbird | 30 chr EAM UPSYYT WITGDVHUSKKFUXGLOCDY3AK7 |
| 27-06 | 2132 | Railbird | 30 chr EAM UPIMFP DGKPN3Q6U7UDI74KQRNPTSHC |
| 27-06 | 2146 | Railbird | 30 chr EAM UPRFU6 J2Q3YHRLRRUFHBFYULNIJWO4 |
| 27-06 | 2200 | Railbird | 30 chr EAM UPRFU6 J2Q3YHRLRRUFHBFYULNIJWO4 |
| 27-06 | 2202 | Railbird | 30 chr EAM UPIMFP DGKPN3Q6U7UDI74KQRNPTSHC |
| 27-06 | 2204 | Railbird | 30 chr EAM UPSYYT WITGDVHUSKKFUXGLOCDY3AK7 |
| 27-06 | 2230 | Railbird | 30 chr EAM UPRFU6 J2Q3YHRLRRUFHBFYULNIJWO4 |
| 27-06 | 2232 | Railbird | 30 chr EAM UPSYYT WITGDVHUSKKFUXGLOCDY3AK7 |
| 27-06 | 2237 | Railbird | 30 chr EAM UPYRQG 344WYLEPKXEF32DOO73MFGDB |
| 27-06 | 2300 | Railbird | 30 chr EAM UPYRQG 344WYLEPKXEF32DOO73MFGDB |
| 27-06 | 2302 | Railbird | 30 chr EAM UPSYYT WITGDVHUSKKFUXGLOCDY3AK7 |
| 27-06 | 2330 | Railbird | 30 chr EAM UPYRQG 344WYLEPKXEF32DOO73MFGDB |
| 27-06 | 2332 | Railbird | 30 chr EAM UPRFU6 J2Q3YHRLRRUFHBFYULNIJWO4 |
| 28-06 | 0346 | Lunchbox | 30 chr EAM UPPHYV Y6SEUFA67UHSUSSMFU3JUCZE |
| 28-06 | 1721 | Lunchbox | 30 chr EAM UP5R7O 4OH6YXZ5LVST5IN7QH6GORLP |
| 28-06 | 1725 | Lunchbox | 30 chr EAM UPCRUF 3UOBQUPQK6S275TFQT2NSOPB |
| 28-06 | 1730 | Lunchbox | 30 chr EAM UP74TO AL7QKPNHECNQXQ7MUDN25XDA |
| 28-06 | 1733 | Lunchbox | 30 chr EAM UPM434 AKWOBZMBLZUOD723RUI4QEUY |
| 28-06 | 1759 | Lunchbox | 30 chr EAM UPENGO XR2JL3PWB73OT447RYRUPHQ7 |
| 28-06 | 1802 | Lunchbox | 30 chr EAM UP74TO AL7QKPNHECNQXQ7MUDN25XDA |

| | | | |
|--------------|------|-----------|--|
| 28-06 | 1804 | Lunchbox | 30 chr EAM UPCRUF 3UOBQUPQK6S275TFQT2NSOPB |
| 28-06 | 1807 | Lunchbox | 30 chr EAM UP5R7O 4OH6YXZ5LVST5IN7QHV6ORLP |
| 29-06 | 0634 | Blueprint | 30 chr EAM for Harmony House E4TVB3 QH6L5JWK2CGAKOPX5BMGBZ26 |

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, Gwr, F5JBR

Strategic messages

| | |
|-----------------------------|---|
| 7587.5 kHz, 06-06, 0848 UTC | XXX 9XQU ELASTISChNYJ 01 1030 030 400 1140 K |
| 8136 kHz, 06-06, 0800 UTC | RBL88: XXX TEKhNICHESKAYa PROWERKA 592 K |
| 8136 kHz, 06-06, 0802 UTC | RBL88 wkg RFN69 RFN77 RBL90 RGR99: XXX TEKhNICHESKAYa PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt) |
| 7674 kHz, 08-06, 0709 UTC | XXX 82QI 64755 UGROSEJM 9566 1448 K |
| 7827 kHz, 08-06, 0711 UTC | XXX 82QI 64755 UGROSEJM 9566 1448 K |
| 7931 kHz, 08-06, 0716 UTC | XXX 82QI 64755 UGROSEJM 9566 1448 K |
| 7467 kHz, 08-06, 0720 UTC | XXX VD9B 43143 LITRORUAN 2419 9324 K |

Monolith stations

S28 Buzzer – Western District

S30 Pip – Southern District

5448 kHz, 25-06, 0910 UTC JV1B 52680 MODYeLIZM 8207 5144 (wrong callsign)

Russian military voice transmissions

RMv – Russian Military

No transmissions on Saturdays, Sundays and Russian holidays

| | |
|---------------------------|---|
| 5045 kHz, 01-06, 1412 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5146. 16 chasov 15 minut konec svyazi |
| 5045 kHz, 02-06, 1412 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4124. 16 chasov 15 minut konec svyazi |
| 5045 kHz, 03-06, 1412 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6586. 16 chasov 15 minut konec svyazi |
| 5045 kHz, 04-06, 1414 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 1523. 16 chasov 15 minut konec svyazi |
| 5045 kHz, 07-06, 1412 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6593. 16 chasov 15 minut konec svyazi |
| 5045 kHz, 09-06, 1412 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3454. 16 chasov 13 minut, signal ne podtverzhdal', konec svyazi |
| 5045 kHz, 10-06, 1412 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3159. 16 chasov 14 minut konec svyazi |
| 5045 kHz, 15-06, 1413 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5543. 16 chasov 14 minut konec svyazi |
| 5045 kHz, 16-06, 1412 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 8693. 16 chasov 15 minut konec svyazi |
| 5045 kHz, 17-06, 1415 UTC | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9673. 16 chasov 16 minut konec svyazi |

No transmissions during the rest of the month

RADv – Russian Air Defense

| | |
|---------------------------|---------------------------|
| 3749 kHz, 12-06, 1412 UTC | Tracking/bearing messages |
| 4421 kHz, 12-06, 1428 UTC | Tracking/bearing messages |
| 3213 kHz, 13-06, 0523 UTC | Tracking/bearing messages |

Russian military morse transmissions

M32 - Russian / CIS Military CW Stations

8136 kHz, 10-06, 0651 UTC RDL 70486 51491 70486 51491 70406 51491 K

M32a - Russian Navy

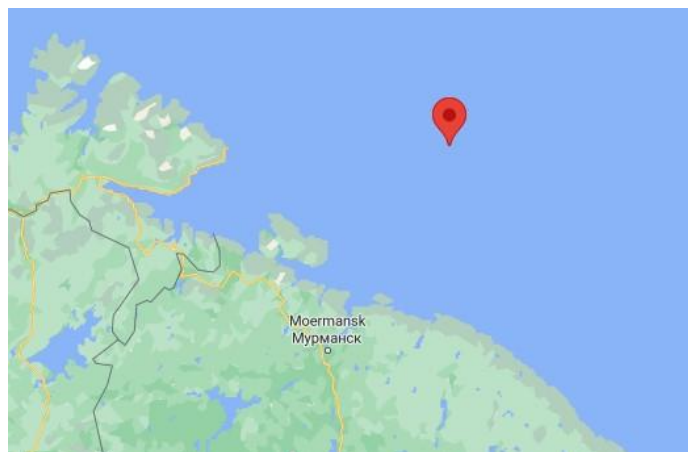
6423 kHz, 06-06, 1459 UTC. RHB81 wkg RJS

QTC SML 673 14 06 1800 673 = FM RHB81 FOR RJH45 RJH48 RJE60 =
06151 99446 11383 41/92 92505 10090 40060 52020 74544 22212 00099 =
AR RHB81 K

8137 kHz, 11-06, 0604 UTC. RJP92 wkg RIT. QSX on 6292 kHz

QTC SML FOR RJH45 RJH74 =
11061 99704 10355 41698 52109 10097 40044 57013 70210
84075 22262 00072 20201 11013 =
AR RJP92 K

Location: <https://goo.gl/maps/DdT6m1UDQVLKxrDr5>



6423.5 kHz, 11-06, 0624 UTC. RJP81 wkg RJD99. QSX on 3875.5 kHz

QSO 767 13 11 0836 767 =
00883 01160 06700 04133 00169 09006 02122 00210 90013 00002 00019 00835 11012 =
AR RJP81 K

8137 kHz, 12-06, 0603 UTC. RJP92 wkg RIT. QSX 6292 kHz

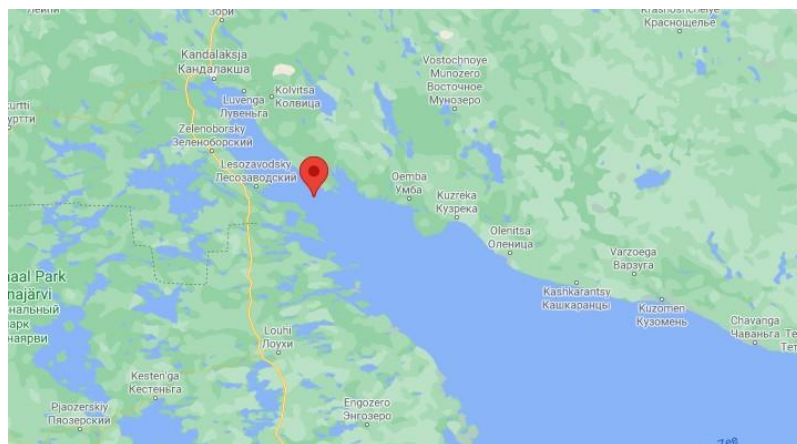
QTC SML = 148 16 12 0901 148 = FOR RJH45 RJH74 =
12061 99703 10347 41598 11911 10109 40012 57010 70200 81100 22262 00070 20201 12013 =
AR RJP92 K

4095.5 kHz, 13-06, 0422 UTC. RBC89 wkg RJD99.

QSX 3398.5 kHz

QTC SML 309 17 13 0701 309 = FOR RJD90 RJH74 =
13031 99667 10334 41498 51506 10165 40010 54000
70121 85220 22200 00080 20101 88000 13014 =
AZR RBC89

Location: <https://goo.gl/maps/26sStQcDF7mCN5pb9>



4095.5 kHz, 13-06, 0504 UTC. RBC89 wkg RJD99. QSX 3398.5 kHz

QTC SML 729 13 13 0801 729 = FOR RJD99 =
00883 01160 06640 03326 00180 00002 02122 00150 00005 00001 0001 0 13011 =
AR RBC89 K

8137 kHz, 13-06, 0605 UTC. RJP92 wkg RIT. QSX 6292 kHz

QTC SML 377 16 13 0901 377 = FOR RJH45 RJH74 =

13061 99705 10342 41597 61610 10101 49955 57013 70321 84050 22242 00074 20201 13013 =

AR RJP92 K

Location: <https://goo.gl/maps/NZZ6B2NSFuxty3636>



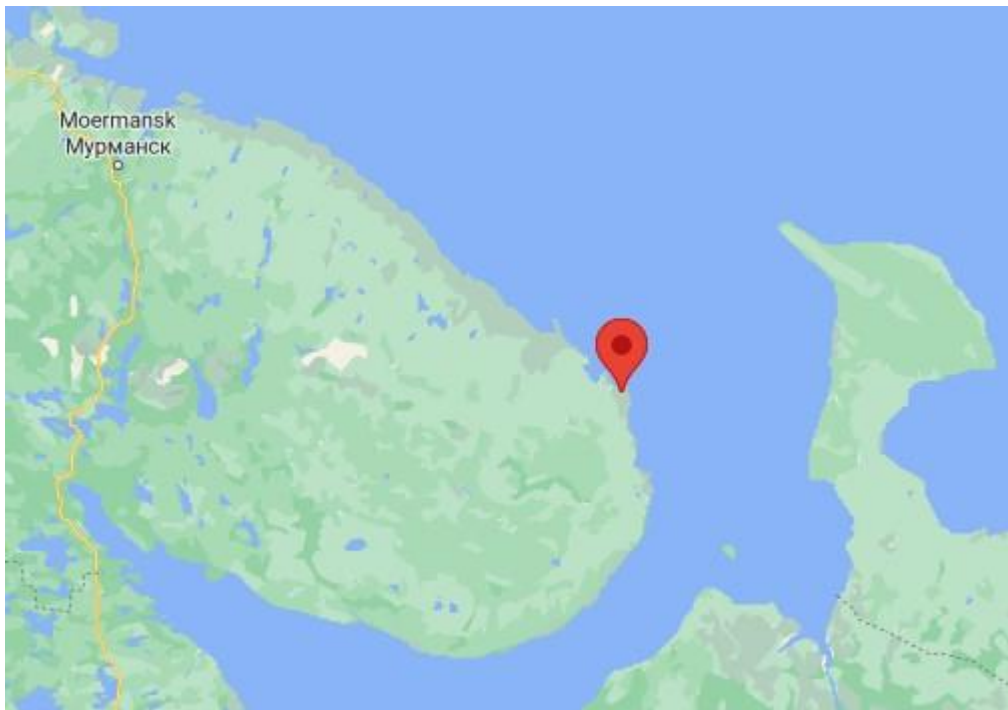
4095.5 kHz, 13-06, 0613 UTC. RAY85 wkg RJD99. QSX 3398.5 kHz

QTC SML 188 17 13 0900 188 = FOR RJH74 RJD90 =

13061 99677 10409 41498 41805 10160 40100 57020 70311 84210 22200 00050 20101 88000 13014 =

AR RAY85 K

Location: <https://goo.gl/maps/Udy3Z8tVFhtZDNjF6>



4095.5 kHz, 13-06, 1203 UTC. RBC89 wkg RJD99. QSX 3398.5 kHz

QTC SML 805 17 13 1501 805 = FOR RJD90 RJH74 =

13121 99668 10334 41498 71305 18070 49000 57015 70352 8733/ 22200 00080 00101 88000 13014 =

AR RBC89 K

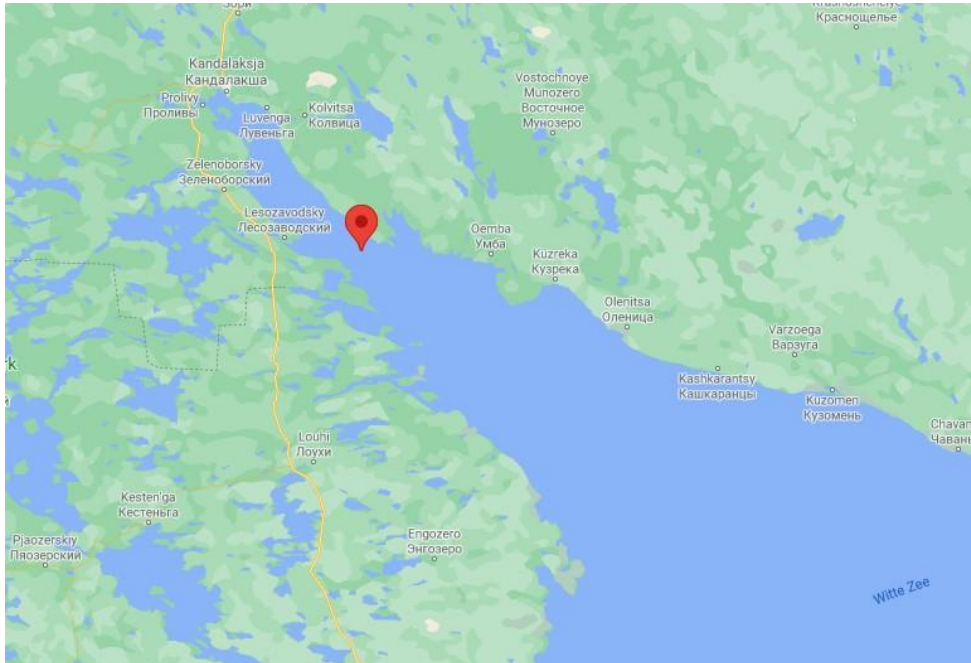
4095.5 kHz, 13-06, 0631 UTC. RBC89 wkg RJD99. QSX 3398.5 kHz

QTC SML 330 17 13 0910 330 = FOR RJD90 RJH74 =

13061 99667 10334 41498 51505 10167 40001 57009 70222 84220 22200 00082 20101 88000 13014 =

AR RBC89 K

Location: <https://goo.gl/maps/U5hgkZzoihYNUQ5c8>



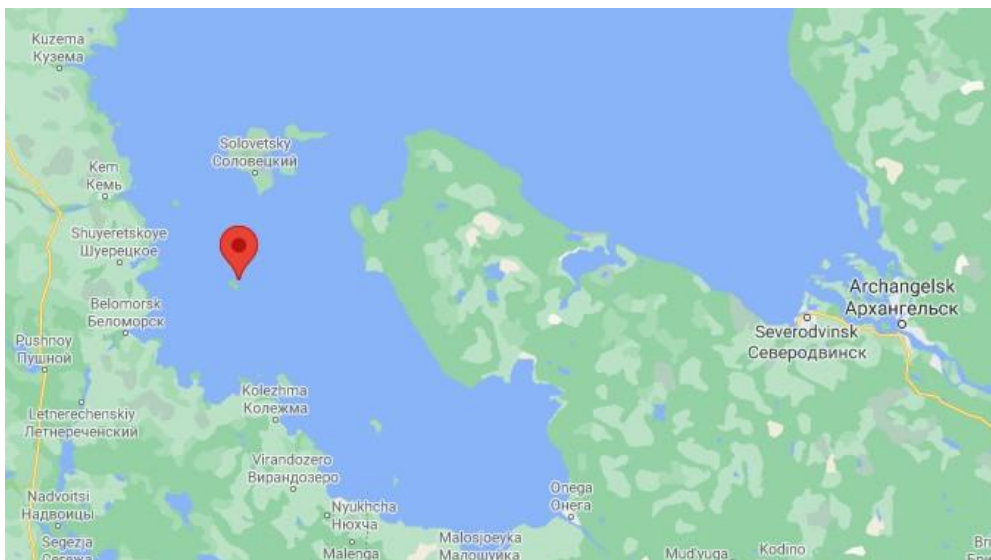
4095.5 kHz, 13-06, 1211 UTC. REE5 wkg RJD99. QSX 3398.5 kHz

QTC SML 228 17 13 1500 228 = FM REE5 RJP76 FOR RJH45 RJH74 =

13121 99647 10356 41/98 31406 10200 40000 57015 70310 8//// 22212 2//// 13012 =

AR REE5 K

Location: <https://goo.gl/maps/5zwZGAHZXv98K4ze8>



4095.5 kHz, 13-06, 0422 UTC. RBC89 wkg RJD99. QSX 3398.5 kHz

QTC SML 309 17 13 0701 309 = FOR RJD90 RJH74 =

13031 99667 10334 41498 51506 10165 40010 54000 70121 85220 22200 00080 20101 88000 13014 =

AZR RBC89

Location: <https://goo.gl/maps/26sStQcDF7mCN5pb9>

4095.5 kHz, 13-06, 0504 UTC. RBC89 wkg RJD99. QSX 3398.5 kHz

QTC SML 729 13 13 0801 729 = FOR RJD99 =

00883 01160 06640 03326 00180 00002 02122 00150 00005 00001 0001 0 13011 =

AR RBC89 K

8137 kHz, 13-06, 0605 UTC. RJP92 wkg RIT. QSX 6292 kHz

QTC SML 377 16 13 0901 377 = FOR RJH45 RJH74 =

13061 99705 10342 41597 61610 10101 49955 57013 70321 84050 22242 00074 20201 13013 =

AR RJP92 K

Location <https://goo.gl/maps/NZZ6B2NSFuxty3636>

4095.5 kHz, 13-06, 0613 UTC. RAY85 wkg RJD99. QSX 3398.5 kHz

QTC SML 188 17 13 0900 188 = FOR RJH74 RJD90 =

13061 99677 10409 41498 41805 10160 40100 57020 70311 84210 22200 00050 20101 88000 13014 =

AR RAY85 K

Location <https://goo.gl/maps/Udy3Z8tVFhtZDNjF6>

4095.5 kHz, 13-06, 0631 UTC. RBC89 wkg RJD99. QSX 3398.5 kHz

QRC SML 330 17 13 0910 330 = FOR RJD90 RJH74 =

13061 99667 10334 41498 51505 10167 40001 57009 70222 84220 22200 00082 20101 88000 13014 =

AR RBC89 K

Location <https://goo.gl/maps/U5hgkZzoihYNUQ5c8>

4095.5 kHz, 13-06, 1203 UTC. RBC89 wkg RJD99. QSX 3398.5 kHz

QTC SML 805 17 13 1501 805 = FOR RJD90 RJH74 =

13121 99668 10334 41498 71305 18070 49000 57015 70352 8733/ 22200 00080 00101 88000 13014 =

AR RBC89 K

Location <https://goo.gl/maps/M1Ymqeop5BU6ETvV7>

4095.5 kHz, 13-06, 1211 UTC. REE5 wkg RJD99. QSX 3398.5 kHz

QTC SML 228 17 13 1500 228 = FM REE5 RJP76 FOR RJH45 RJH74 =

13121 99647 10356 41/98 31406 10200 40000 57015 70310 8//// 22212 2//// 13012 =

AR REE5 K

Location <https://goo.gl/maps/5zwZGAHZXv98K4ze8>

Russian navy T600 traffoc

12832 kHz, 29-06, 1348 UTC, T600

SYNC 1414BEBE952

SESSION KEY: 25 2A 0B 23 34 43 68 61 32 58 70 15 32 1C 25 25 23 16 1C 26 70 32 26 1A 58 2A

46 34 2C 25 19 38 23 32 2C 4C 54 19 2C 07 19 1C

26 61 13 54 58 23 34 43 0D 26 43 07 58 64 25 38

61 26 68 64 58 32 31 68 34 15 2A 51 13 1A 43 46

07 25 0D 34 0E 52 0D 54 16 46 1C 70 46 46 2A 62

51 0D 2A 70 0B 70 1A 70 61 52 43 23 23 52 0E 4C

64 0B 51 2C 23 26 25 64 70 32 46 2C 4C 61 46 43

25 16 34 25 31 64 16 4A 32 07 54 2C 34 2A 46 13

61 23 34 07 61 52 2A 0B 61 4A 23 54 58 23 46 25

13 34 16 4C 64 32 2A 51 58 43 51 54 4C <EOM><EOM><EOM>

12832 kHz, 29-06, 1348 UTC, T600

SYNC 1414BEBE952

SESSION KEY: 25 2A 0B 23 34 43 68 61 32 58 70 15 32 1C 25 25 23 16 1C 26 70 32 26 1A 58

2A 46 34 2C 25 19 38 23 32 2C 4C 54 19 2C 07 19

1C 26 61 13 54 58 23 34 43 0D 26 43 07 58 64 25

38 61 26 68 64 58 32 31 68 34 15 2A 51 13 1A 43

46 07 25 0D 34 0E 52 0D 54 16 46 1C 70 46 46 2A

62 51 0D 2A 70 0B 70 1A 70 61 52 43 23 23 52 0E

4C 64 0B 51 2C 23 26 25 64 70 32 46 2C 4C 61 46

43 25 16 34 25 31 64 16 4A 32 07 54 2C 34 2A 46

13 61 23 34 07 61 52 2A 0B 61 4A 23 54 58 23 46

25 13 34 16 4C 64 32 2A 51 58 43 51 54 4C <EOM><EOM><EOM>

12832 kHz, 29-06, 1349 UTC, T600

SYNC 1414BEBE952

SESSION KEY: 25 2A 0B 23 34 43 68 61 32 58 70 15 32 1C 25 25 23 16 1C 26 70 32 26 1A 58
2A 46 34 2C 25 19 38 23 32 2C 4C 54 19 2C 07 19
1C 26 61 13 54 58 23 34 43 0D 26 43 07 58 64 25
38 61 26 68 64 58 32 31 68 34 15 2A 51 13 1A 43
46 07 25 0D 34 0E 52 0D 54 16 46 1C 70 46 46 2A
62 51 0D 2A 70 0B 70 1A 70 61 52 43 23 23 52 0E
4C 64 0B 51 2C 23 26 25 64 70 32 46 2C 4C 61 46
43 25 16 34 25 31 64 16 4A 32 07 54 2C 34 2A 46
13 61 23 34 07 61 52 2A 0B 61 4A 23 54 58 23 46
25 13 34 16 4C 64 32 2A 51 58 43 51 54 4C <EOM><EOM><EOM>

12832 kHz, 29-06, 1349 UTC, T600

SYNC 1414BEBE952

SESSION KEY: 62 62 46 68 4C 15 61 4A 1C 07 19 25 62 38 46 64 0D 38 38 13 34 58 38 19 25
32 0D 58 32 23 1C 58 54 07 31 19 58 46 52 26 2C
68 46 70 15 62 0E 4C 26 58 07 4A 26 23 <EOM><EOM><EOM>

12832 kHz, 29-06, 1350 UTC, T600

SYNC 1414BEBE952

SESSION KEY: 19 2A 0B 4C 61 43 2A 23 51 54 68 0D 54 0B 0D 68 26 23 19 25 07 07 0D 32 52
0B 46 19 38 4C 70 1C 07 32 1A 64 32 1C 61 1A 15
64 54 0B 51 2A 52 23 43 19 13 26 0D 07 32 25 51
23 23 13 1C 13 26 0E 15 0B 61 46 34 23 68 16 54
1A 32 13 16 25 16 68 4A 61 32 58 68 58 51 62 52
4C 38 68 31 4A 26 52 0E 0E 0E 46 43 4A 1C 23 34
54 64 31 26 43 32 31 43 15 0E 0D 16 38 54 25 52
64 31 52 51 58 0E 2A 16 26 61 23 15 26 2C 54 62
19 46 4A 54 1C 58 2A 1A 62 51 61 61 0B 25 13 61
0E 43 34 4C 34 0E 38 70 34 54 62 31 58 1C 23 0E
46 15 23 0D 0E 4A 51 34 4C 0D 16 52 38 43 31 2A
26 1A 1C 62 34 68 52 1A 2A 2A 4A 62 58 0B 4A 19
2C 51 31 07 4C 19 4A 1C 0E 62 16 62 23 31 25 51
0B 0E 61 61 1C 70 64 70 16 64 1A 34 46 15 32 07
58 13 23 34 16 31 0E 15 4A 31 32 25 1C 1A 51 23
58 1C 0E 62 3C 52 68 38 0E 7C 54 32 73 5B 17
16 70 07 4A 13 25 38 38 19 25 32 0E 4C 31 2C 68
52 61 25 13 51 26 43 07 54 1A 15 15 16 70 61 1A
0E 2C 1C 64 13 0B 64 13 64 32 64 1C 4A 46 46 32
61 07 64 32 2A 38 07 64 1C 19 13 58 1A 64 32 32
34 4C 13 0E 68 07 54 07 64 26 16 46 0D 07 32 2A
0B 07 4A 4A 25 4C 32 32 26 68 62 26 25 0D 1C 1A
61 68 0E 52 70 0D 4C 52 25 16 68 61 4A 68 43 23
34 52 26 46 61 0D 0D 31 61 2C 2C 46 2A 52 0D 54
38 62 61 1A 61 0E 13 46 52 23 07 2C 4A 4A 70 58
62 19 61 34 61 70 15 64 31 51 31 4C 43 32 13 34
13 0B 61 54 26 58 38 4A 34 61 23 43 0D 46 34 16
51 26 13 4C 34 4A 38 2A 38 25 31 0B 0B 23 23 62
52 15 58 07 16 2C 26 0D 2C 62 38 43 43 4C 1C 1A
13 64 46 43 0B 51 23 43 38 15 64 25 0B 2A 46 1A
0D 15 23 62 0E 38 68 68 25 61 31 58 23 2A 07 54
2A 0D 25 0D 1C 64 13 46 4A 46 0B 32 4A 4C 34 52
0D 0D 32 13 64 2C 58 0D 54 15 38 07 2A 4A 52 0D
46 23 2C 58 07 15 0E 32 15 4C 38 07 2C 68 13 13
26 13 4A 25 51 68 16 4A 58 0B 26 51 46 26 0B 38
13 64 51 61 2A 2A 46 1A 4C 2C 54 38 64 32 43 1A
51 68 46 0D 1C 61 64 0D 1C 64 0D 2A 64 2A 43 46
0E 68 46 4C 43 43 13 62 2A 70 16 26 0E 07 2C 34
52 23 2A 2A 19 32 62 2C 1A 15 31 19 54 52 58 64
0B 31 15 52 0D 15 4A 4A 15 25 61 2C 2A 2C 25 13
19 16 61 0E 38 58 13 64 23 26 32 1A 15 0E 4A 32
31 4A 64 58 07 62 07 0D 43 70 70 38 0E 46 38 15
31 43 13 15 64 64 46 26 26 1C 70 43 34 58 31 58
19 07 32 54 25 34 2C 43 2A 31 4A 16 2C 25 4A 64
58 52 32 23 2C 2A 62 38 31 13 19 38 25 64 1C 61
64 4C 4C 68 07 46 61 43 25 15 52 70 46 26 2A 32
62 38 07 61 0E 0B 0E 46 43 07 70 34 51 0D 62 32
26 68 68 32 15 52 25 4C 34 26 0D 4C 43 58 4C 07
0E 70 13 61 23 13 62 1A 38 46 2A 68 19 62 1A 07
54 0B 25 2A 16 26 34 31 34 19 25 19 38 2A 0E 52
38 2C 19 46 1C 51 46 15 19 13 43 62 1C 64 25 51

19 4C 2C 1A 15 2A 51 13 43 54 0B 62 0E 0E 58 0D
70 64 51 1C 25 15 52 23 13 32 15 16 54 16 46 15
0D 26 43 2A 32 4C 26 07 31 1A 64 62 43 38 2C 2C
07 61 0E 26 70 15 58 0B 43 58 54 46 23 64 61 15
2C 68 1C 1C 26 0E 34 32 23 38 26 32 58 64 46 0D
31 26 43 0E 58 13 52 58 2C 4C 15 52 0D 46 54 15
70 0B 52 2C 46 0E 52 38 52 4C 25 38 61 4A 1A 25
0B 64 46 31 32 46 70 23 0E 1A 06 26 13 07 0D 13
1A 4A 13 1C 32 26 38 0D 07 4A 15 0B 52 25 43 0E
1C 58 61 61 64 58 0D 1C 0B 0B 46 38 1A 25 13 13
19 54 1C 16 0D 1A 0D 52 0B 70 62 1C 26 23 54 1A
58 4C 13 23 23 31 19 31 0E 07 68 58 25 52 2A 38
0B 62 62 25 52 16 15 58 15 25 52 38 15 26 25 64
54 0D 4A 2C 52 1A 43 23 34 1C 23 0E 51 0D 70 62
0B 58 26 2A 62 07 46 25 34 61 58 31 23 25 68 15
51 61 16 07 62 2C 19 1A 1C 19 1C 26 25 32 2C 61
25 54 1A 46 62 43 54 0E 58 0E 64 13 31 0D 4C 64
34 32 32 68 26 0B 19 07 54 68 52 26 34 54 76 1F
15 07 0D 38 16 54 1A 2C 2A 2C 26 51 19 1A 64 61
15 07 31 62 54 1A 4A 2A 52 4C 34 4C 58 4A 68 1A
4C 2A 58 38 52 23 1A 58 23 68 51 13 0E 46 51 2A
51 51 0D 07 2C 07 62 61 1C 0B 1A 68 70 64 31 52
0D 51 46 25 51 1A 38 0E 70 46 70 4A 52 1C 2A 0D
13 46 0B 2C 38 15 1A 31 64 32 26 0E 15 2A 13 25
62 61 15 1C 2C 61 34 1C 26 58 4C 34 52 19 54 4A
1A 64 1A 0D 0D 46 0E 34 0D 70 0D 58 70 2C 25 15
2C 2C 19 0D 07 70 34 4A 38 15 25 51 38 2C 4A 1A
4C 23 0E 1C 26 32 68 0E 38 32 16 0B 61 34 2C 62
54 1C 43 23 70 19 4A 58 0E 43 0E 26 34 0B 13 2A
70 34 19 64 25 58 64 46 2C 15 32 07 32 34 58 52
2C 58 16 1C 32 52 23 0E 4C 43 43 70 31 52 16 16
0D 0B 52 64 51 31 0D 34 2A 4C 43 38 0E 32 2A 58
54 15 4C 2C 16 16 0E 25 23 58 43 68 0D 13 34 0B
26 31 58 46 64 4A 2A 16 4A 0E 16 32 16 13 0B 26
23 61 58 19 51 23 61 70 4A 32 26 61 2A 68 19 19
52 19 07 38 13 68 58 16 38 32 43 1A 68 1A 31 62
34 25 32 0B 61 0D 07 43 58 26 0B 38 4A 07 1C 64
31 23 64 4A 2A 62 70 62 25 62 25 32 26 26 32 31
34 4A 31 38 46 32 4C 32 1C 2C 13 38 0B 70 1A 13
61 31 19 0E 34 38 46 2A 58 61 70 58 43 34 70 54
54 68 2C 13 <EOM><EOM><EOM>

LOGS SECTION

| Code | Freq. | Date | UTC | Day | Details | Mode | Contributors |
|------|-------|------|------|-----|--|------------------|--------------|
| --- | 4735 | 25-6 | 0700 | Fri | VVV VVV PROMRÖ= 25 06 = 1000 0057 0060 0071 1130 ... 0800 0520 0550 0660 1010 = AR | CW | (AB-ROU) |
| --- | 4735 | 27-6 | 0700 | Sun | VVVVV PROMRÖ = 27 06 = 1000 0570 0600 0710 1140 ... 0800 0530 0550 0660 1000 = AR | CW | (AB-HNG) |
| --- | 4735 | 28-6 | 0700 | Mon | VVV VVV PROMRÖ = 290 = EEEE 28 06 = 1000 0570 0600 0710 1140 ... 0800 0520 0550 0660 1010 = AR | CW | (AB-GRC) |
| DPRK | 12203 | 15-6 | 1207 | Tue | North Korean diplo | DPRK-ARQ 600 LSB | (AB) |
| DPRK | 12208 | 15-6 | 1207 | Tue | North Korean diplo | DPRK-ARQ 600 LSB | (AB) |
| DPRK | 15888 | 21-6 | 1327 | Mon | North Korean diplo | DPRK-ARQ 600 LSB | (AB) |
| DPRK | 12208 | 22-6 | 1206 | Tue | North Korean diplo | DPRK-ARQ 600 LSB | (AB) |
| E06 | 11557 | 1-6 | 0210 | Tue | 537 602 47 39765 09137 58271 ... 71655 87179 70844 602 47 00000 | USB | (PY) |
| E06 | 13803 | 1-6 | 0310 | Tue | 537 602 47 39765 09137 58271 ... 71655 87179 70844 602 47 00000 | USB | (PY) |
| E06 | 14932 | 3-6 | 0300 | Thu | 361 985 40 51404 93849 98124 ... 03651 16670 81406 985 40 00000 | USB | (PY) |
| E06 | 12212 | 3-6 | 0400 | Thu | 361 985 40 51404 93849 98124 ... 03651 16670 81406 985 40 00000 | USB | (PY) |
| E06 | 14932 | 4-6 | 0300 | Fri | 361 985 40 51404 93849 98124 ... 03651 16670 81406 985 40 00000 | USB | (PY) |
| E06 | 12212 | 4-6 | 0400 | Fri | 361 985 40 51404 93849 98124 ... 03651 16670 81406 985 40 00000 | USB | (PY) |
| E06 | 15830 | 4-6 | 0600 | Fri | 328 670 51 22551 08340 71135 ... 45123 79960 56244 670 51 00000 | USB | (AB) |
| E06 | 11557 | 7-6 | 0210 | Mon | 537 816 49 45289 69277 90827 ... 05617 70124 76118 816 49 00000 | USB | (PY) |
| E06 | 13803 | 7-6 | 0310 | Mon | 537 816 49 45289 69277 90827 ... 05617 70124 76118 816 49 00000 | USB | (PY) |
| E06 | 11557 | 8-6 | 0210 | Tue | 537 816 49 45289 69277 90827 ... 05617 70124 76118 816 49 00000 | USB | (PY) |
| E06 | 13803 | 8-6 | 0310 | Tue | 537 816 49 45289 69277 90827 ... 05617 70124 76118 816 49 00000 | USB | (PY) |
| E06 | 14932 | 10-6 | 0300 | Thu | 361 270 41 06280 74258 94903 ... 97712 33907 40396 270 41 00000 | USB | (PY) |
| E06 | 12212 | 10-6 | 0400 | Thu | 361 270 41 06280 74258 94903 ... 97712 33907 40396 270 41 00000 | USB | (PY) |
| E06 | 14932 | 11-6 | 0300 | Fri | 361 270 41 06280 74258 94903 ... 97712 33907 40396 270 41 00000 | USB | (PY) |
| E06 | 12212 | 11-6 | 0400 | Fri | 361 270 41 06280 74258 94903 ... 97712 33907 40396 270 41 00000 | USB | (PY) |
| E06 | 14932 | 17-6 | 0300 | Thu | 361 598 42 79225 28476 41191 ... 69178 65541 83787 598 42 00000 | USB | (PY) |
| E06 | 12212 | 17-6 | 0400 | Thu | 361 598 42 79225 28476 41191 ... 69178 65541 83787 598 42 00000 | USB | (PY) |
| E06 | 13985 | 17-6 | 0500 | Thu | 328 914 50 59219 91543 88236 ... 58280 13150 45547 914 50 00000 | USB | (AB-RUS) |
| E06 | 15830 | 17-6 | 0600 | Thu | 328 914 50 59219 91543 88236 ... 58280 13150 45547 914 50 00000 | USB | (AB-RUS) |
| E06 | 14932 | 18-6 | 0300 | Fri | 361 598 42 79225 28476 41191 ... 69178 65541 83787 598 42 00000 | USB | (PY) |
| E06 | 12212 | 18-6 | 0400 | Fri | 361 598 42 79225 28476 41191 ... 69178 65541 83787 598 42 00000 | USB | (PY) |
| E06 | 13985 | 18-6 | 0500 | Fri | 328 914 50 59219 91543 88236 ... 58280 13150 45547 914 50 00000 | USB | (AB-RUS/HFD) |
| E06 | 15830 | 18-6 | 0600 | Fri | 328 914 50 59219 91543 88236 ... 58280 13150 45547 914 50 00000 | USB | (AB-RUS/HFD) |
| E06 | 11557 | 21-6 | 0210 | Mon | 537 249 30 31877 84973 25359 ... 47852 14065 71373 249 30 00000 | USB | (PY) |
| E06 | 13803 | 21-6 | 0310 | Mon | 537 249 30 31877 84973 25359 ... 47852 14065 71373 249 30 00000 | USB | (PY) |
| E06 | 11557 | 22-6 | 0210 | Tue | 537 249 30 31877 84973 25359 ... 47852 14065 71373 249 30 00000 | USB | (PY) |
| E06 | 13803 | 22-6 | 0310 | Tue | 537 249 30 31877 84973 25359 ... 47852 14065 71373 249 30 00000 | USB | (PY) |
| E06 | 14932 | 24-6 | 0300 | Thu | 361 729 43 51677 23386 69897 ... 05714 54603 50498 729 43 00000 | USB | (PY) |
| E06 | 12212 | 24-6 | 0400 | Thu | 361 729 43 51677 23386 69897 ... 05714 54603 50498 729 43 00000 | USB | (PY) |
| E06 | 14932 | 25-6 | 0300 | Fri | 361 729 43 51677 23386 69897 ... 05714 54603 50498 729 43 00000 | USB | (PY) |

| | | | | | | | |
|-----|-------|------|------|-----|---|-----|------------------|
| E06 | 12212 | 25-6 | 0400 | Fri | 361 729 43 51677 23386 69897 ... 05714 54603 50498 729 43 00000 | USB | (PY) |
| E06 | 11557 | 28-6 | 0210 | Mon | 537 608 31 97607 73618 15824 ... 03146 46654 40622 608 31 00000 | USB | (PY/HFD-RUS) |
| E06 | 13803 | 28-6 | 0310 | Mon | 537 608 31 97607 73618 15824 ... 03146 46654 40622 608 31 00000 | USB | (PY/HFD-RUS) |
| E06 | 11557 | 29-6 | 0210 | Tue | 537 608 31 97607 73618 15824 ... 03146 46654 40622 608 31 00000 | USB | (PY) |
| E06 | 13803 | 29-6 | 0310 | Tue | 537 608 31 97607 73618 15824 ... 03146 46654 40622 608 31 00000 | USB | (PY) |
| E07 | 13368 | 2-6 | 1700 | Wed | 354 354 354 1 3496 74 3496 74 89895 32548 44990 ... 03015 67840 04564 000 000 | USB | (AB/MPJ/ES) |
| E07 | 11568 | 2-6 | 1720 | Wed | 354 354 354 1 3496 74 3496 74 89895 32548 44990 ... 03015 67840 04564 000 000 | USB | (AB/MPJ/ES/HFD) |
| E07 | 10468 | 2-6 | 1740 | Wed | 354 354 354 1 3496 74 3496 74 89895 32548 44990 ... 03015 67840 04564 000 000 | USB | (AB/MPJ/ES/HFD) |
| E07 | 13417 | 3-6 | 1410 | Thu | 603 603 603 000 | USB | (AB/MPJ-HNG/HFD) |
| E07 | 14717 | 3-6 | 1430 | Thu | 603 603 603 000 | USB | (AB/MPJ-HNG/HFD) |
| E07 | 16331 | 4-6 | 0700 | Fri | 373 373 373 1 449 98 449 98 98592 ... 83371 4?700 40632 000 000 | USB | (AB) |
| E07 | 18731 | 4-6 | 0720 | Fri | 373 373 373 1 449 98 449 98 98592 ... 83371 4?700 40632 000 000 | USB | (AB) |
| E07 | 19331 | 4-6 | 0740 | Fri | 373 373 373 1 449 98 449 98 98592 ... 83371 4?700 40632 000 000 | USB | (AB) |
| E07 | 12176 | 5-6 | 1300 | Sat | 152 152 152 000 | USB | (AB) |
| E07 | 11576 | 5-6 | 1320 | Sat | 152 152 152 000 | USB | (AB) |
| E07 | 13417 | 5-6 | 1410 | Sat | 603 603 603 000 | USB | (AB/MPJ) |
| E07 | 14717 | 5-6 | 1430 | Sat | 603 603 603 000 | USB | (AB/MPJ) |
| E07 | 10317 | 6-6 | 0600 | Sun | 312 312 312 000 | USB | (AB) |
| E07 | 11117 | 6-6 | 0620 | Sun | 312 312 312 000 | USB | (AB) |
| E07 | 13368 | 6-6 | 1700 | Sun | 354 354 354 1 3496 74 3496 74 89895 32548 44990 ... 03015 67840 04564 000 000 | USB | (AB/ES) |
| E07 | 11568 | 6-6 | 1720 | Sun | 354 354 354 1 3496 74 3496 74 89895 32548 44990 ... 03015 67840 04564 000 000 | USB | (AB/ES) |
| E07 | 10468 | 6-6 | 1740 | Sun | 354 354 354 1 3496 74 3496 74 89895 32548 44990 ... 03015 67840 04564 000 000 | USB | (AB/ES) |
| E07 | 16331 | 8-6 | 0700 | Tue | 373 373 373 000 | USB | (AB-KWT/HFD) |
| E07 | 18731 | 8-6 | 0720 | Tue | 373 373 373 000 | USB | (AB-KWT/HFD) |
| E07 | 13368 | 9-6 | 1700 | Wed | 354 354 354 000 | USB | (AB) |
| E07 | 11568 | 9-6 | 1720 | Wed | 354 354 354 000 | USB | (AB) |
| E07 | 13417 | 10-6 | 1410 | Thu | 603 603 603 1 1362 81 1362 81 46936 71522 57124 ... 26176 15647 75892 000 000 | USB | (AB) |
| E07 | 14717 | 10-6 | 1430 | Thu | 603 603 603 1 1362 81 1362 81 46936 71522 57124 ... 26176 15647 75892 000 000 | USB | (AB) |
| E07 | 15817 | 10-6 | 1450 | Thu | 603 603 603 1 1362 81 1362 81 46936 71522 57124 ... 26176 15647 75892 000 000 | USB | (AB) |
| E07 | 16331 | 11-6 | 0700 | Fri | 373 373 373 000 | USB | (AB) |
| E07 | 18731 | 11-6 | 0720 | Fri | 373 373 373 000 | USB | (AB) |
| E07 | 12176 | 12-6 | 1300 | Sat | 152 152 152 000 | USB | (AB) |
| E07 | 11576 | 12-6 | 1320 | Sat | 152 152 152 000 | USB | (AB) |
| E07 | 13417 | 12-6 | 1410 | Sat | 603 603 603 1 1362 81 1362 81 46936 71522 57124 ... 26176 15647 75892 000 000 | USB | (AB) |
| E07 | 14717 | 12-6 | 1430 | Sat | 603 603 603 1 1362 81 1362 81 46936 71522 57124 ... 26176 15647 75892 000 000 | USB | (AB) |
| E07 | 15817 | 12-6 | 1450 | Sat | 603 603 603 1 1362 81 1362 81 46936 71522 57124 ... 26176 15647 75892 000 000 | USB | (AB) |
| E07 | 10317 | 13-6 | 0600 | Sun | 312 312 312 000 | USB | (AB) |
| E07 | 11117 | 13-6 | 0620 | Sun | 312 312 312 000 | USB | (AB) |
| E07 | 13368 | 13-6 | 1700 | Sun | 354 354 354 000 | USB | (AB) |
| E07 | 11568 | 13-6 | 1720 | Sun | 354 354 354 000 | USB | (AB) |

| | | | | | | | |
|-----|-------|------|------|-----|---|-----|-----------------|
| E07 | 16331 | 15-6 | 0700 | Tue | 373 373 373 1 457 132 457 132 74885 50054 05782 ... 46151 10879 31864 000 000 | USB | (AB-KWT) |
| E07 | 18731 | 15-6 | 0720 | Tue | 373 373 373 1 457 132 457 132 74885 50054 05782 ... 46151 10879 31864 000 000 | USB | (AB-KWT) |
| E07 | 19331 | 15-6 | 0740 | Tue | 373 373 373 1 457 132 457 132 74885 50054 05782 ... 46151 10879 31864 000 000 | USB | (AB-KWT) |
| E07 | 13368 | 16-6 | 1700 | Wed | 354 354 354 1 207 155 207 155 02220 59853 62215 ... 56241 88321 78462 000 000 | USB | (AB/MPJ) |
| E07 | 11568 | 16-6 | 1720 | Wed | 354 354 354 1 207 155 207 155 02220 59853 62215 ... 56241 88321 78462 000 000 | USB | (AB/MPJ) |
| E07 | 10468 | 16-6 | 1740 | Wed | 354 354 354 1 207 155 207 155 02220 59853 62215 ... 56241 88321 78462 000 000 | USB | (AB/MPJ) |
| E07 | 13417 | 17-6 | 1410 | Thu | 603 603 603 000 | USB | (AB/MPJ) |
| E07 | 14717 | 17-6 | 1430 | Thu | 603 603 603 000 | USB | (AB/MPJ/RL-HOL) |
| E07 | 16331 | 18-6 | 0700 | Fri | 373 373 373 1 457 132 457 132 74885 50054 05782 ... 46151 10879 31864 000 000 | USB | (AB) |
| E07 | 18731 | 18-6 | 0720 | Fri | 373 373 373 1 457 132 457 132 74885 50054 05782 ... 46151 10879 31864 000 000 | USB | (AB-KWT) |
| E07 | 19331 | 18-6 | 0740 | Fri | 373 373 373 1 457 132 457 132 74885 50054 05782 ... 46151 10879 31864 000 000 | USB | (AB-KWT) |
| E07 | 12176 | 19-6 | 1300 | Sat | 152 152 152 000 | USB | (AB) |
| E07 | 11576 | 19-6 | 1320 | Sat | 152 152 152 000 | USB | (AB) |
| E07 | 13417 | 19-6 | 1410 | Sat | 603 603 603 000 | USB | (AB/MPJ-HNG) |
| E07 | 14717 | 19-6 | 1430 | Sat | 603 603 603 000 | USB | (AB/MPJ-HNG) |
| E07 | 10317 | 20-6 | 0600 | Sun | 312 312 312 000 | USB | (AB) |
| E07 | 11117 | 20-6 | 0620 | Sun | 312 312 312 000 | USB | (AB) |
| E07 | 13368 | 20-6 | 1700 | Sun | 354 354 354 1 207 155 207 155 02220 59853 62215 ... 56241 88321 78462 000 000 | USB | (AB/MPJ) |
| E07 | 11568 | 20-6 | 1720 | Sun | 354 354 354 1 207 155 207 155 02220 59853 62215 ... 56241 88321 78462 000 000 | USB | (AB/MPJ) |
| E07 | 10468 | 20-6 | 1740 | Sun | 354 354 354 1 207 155 207 155 02220 59853 62215 ... 56241 88321 78462 000 000 | USB | (AB/MPJ) |
| E07 | 16331 | 22-6 | 0700 | Tue | 373 373 373 000 | USB | (AB-KWT) |
| E07 | 18731 | 22-6 | 0720 | Tue | 373 373 373 000 | USB | (AB-KWT) |
| E07 | 13368 | 23-6 | 1700 | Wed | 354 354 354 000 | USB | (AB) |
| E07 | 11568 | 23-6 | 1720 | Wed | 354 354 354 000 | USB | (AB) |
| E07 | 13417 | 24-6 | 1410 | Thu | 1997 65 1997 65 98092 96996 94903 ... 15154 36701 63583 000 000 | USB | (AB) |
| E07 | 14717 | 24-6 | 1430 | Thu | 1997 65 1997 65 98092 96996 94903 ... 15154 36701 63583 000 000 | USB | (AB) |
| E07 | 15817 | 24-6 | 1450 | Thu | 1997 65 1997 65 98092 96996 94903 ... 15154 36701 63583 000 000 | USB | (AB) |
| E07 | 16331 | 25-6 | 0700 | Fri | 373 373 373 000 | USB | (AB) |
| E07 | 18731 | 25-6 | 0720 | Fri | 373 373 373 000 | USB | (AB) |
| E07 | 12176 | 26-6 | 1300 | Sat | 152 152 152 000 | USB | (AB) |
| E07 | 11576 | 26-6 | 1320 | Sat | 152 152 152 000 | USB | (AB) |
| E07 | 13417 | 26-6 | 1410 | Sat | 1997 65 1997 65 98092 96996 94903 ... 15154 36701 63583 000 000 | USB | (AB) |
| E07 | 14717 | 26-6 | 1430 | Sat | 1997 65 1997 65 98092 96996 94903 ... 15154 36701 63583 000 000 | USB | (AB) |
| E07 | 15817 | 26-6 | 1450 | Sat | 1997 65 1997 65 98092 96996 94903 ... 15154 36701 63583 000 000 | USB | (AB) |
| E07 | 10317 | 27-6 | 0600 | Sun | 312 312 312 000 | USB | (AB) |
| E07 | 11117 | 27-6 | 0620 | Sun | 312 312 312 000 | USB | (AB) |
| E07 | 13368 | 27-6 | 1700 | Sun | 354 354 354 000 | USB | (AB) |
| E07 | 11568 | 27-6 | 1720 | Sun | 354 354 354 000 | USB | (AB) |
| E07 | 16331 | 29-6 | 0700 | Tue | 373 373 373 000 | USB | (AB) |
| E07 | 18731 | 29-6 | 0720 | Tue | 373 373 373 000 | USB | (AB) |
| E07 | 13368 | 30-6 | 1700 | Wed | 354 354 354 1 595 87 595 87 38875 54680 07618 ... 65988 77170 98638 000 000 | USB | (AB) |
| E07 | 11568 | 30-6 | 1720 | Wed | 354 354 354 1 595 87 595 87 38875 54680 07618 ... 65988 77170 98638 000 000 | USB | (AB) |

| | | | | | | | |
|-------------|-------|------|------|-----|---|-----|----------|
| E07 | 10468 | 30-6 | 1740 | Wed | 354 354 354 1 595 87 595 87 38875 54680 07618 ... 65988 77170 98638 000 000 | USB | (AB) |
| E07a | 12166 | 2-6 | 2000 | Wed | 172 172 172 000 | USB | (AB) |
| E07a | 12166 | 2-6 | 2000 | Wed | 172 172 172 000 | USB | (RL) |
| E07a | 10766 | 2-6 | 2020 | Wed | 172 172 172 000 | USB | (AB) |
| E07a | 10766 | 2-6 | 2020 | Wed | 172 172 172 000 | USB | (RL) |
| E07a | 12182 | 4-6 | 1510 | Fri | 101 101 101 000 | USB | (AB/HFD) |
| E07a | 11082 | 4-6 | 1530 | Fri | 101 101 101 000 | USB | (AB/HFD) |
| E07a | 13373 | 5-6 | 0800 | Sat | 338 338 338 000 | USB | (AB/HFD) |
| E07a | 14373 | 5-6 | 0820 | Sat | 338 338 338 000 | USB | (AB/HFD) |
| E07a | 12166 | 9-6 | 2000 | Wed | 172 172 172 000 | USB | (AB/RL) |
| E07a | 10766 | 9-6 | 2020 | Wed | 172 172 172 000 | USB | (AB/RL) |
| E07a | 12182 | 11-6 | 1510 | Fri | 101 101 101 000 | USB | (AB/GHn) |
| E07a | 11082 | 11-6 | 1530 | Fri | 101 101 101 000 | USB | (AB) |
| E07a | 13373 | 12-6 | 0800 | Sat | 338 338 338 000 | USB | (AB) |
| E07a | 14373 | 12-6 | 0820 | Sat | 338 338 338 000 | USB | (AB) |
| E07a | 12166 | 16-6 | 2000 | Wed | 172 172 172 000 | USB | (AB/RL) |
| E07a | 10766 | 16-6 | 2020 | Wed | 172 172 172 000 | USB | (AB/RL) |
| E07a | 7933 | 17-6 | 0430 | Thu | 912 912 912 000 | USB | (AB) |
| E07a | 9133 | 17-6 | 0430 | Thu | 912 912 912 000 | USB | (AB) |
| E07a | 12182 | 18-6 | 1510 | Fri | 101 101 101 000 | USB | (AB) |
| E07a | 11082 | 18-6 | 1530 | Fri | 101 101 101 000 | USB | (AB) |
| E07a | 13373 | 19-6 | 0800 | Sat | 338 338 338 000 | USB | (AB) |
| E07a | 14373 | 19-6 | 0820 | Sat | 338 338 338 000 | USB | (AB) |
| E07a | 12166 | 23-6 | 2000 | Wed | 172 172 172 000 | USB | (AB) |
| E07a | 10766 | 23-6 | 2020 | Wed | 172 172 172 000 | USB | (AB) |
| E07a | 7933 | 24-6 | 0430 | Thu | 912 912 912 000 | USB | (AB) |
| E07a | 9133 | 24-6 | 0430 | Thu | 912 912 912 000 | USB | (AB) |
| E07a | 12182 | 25-6 | 1510 | Fri | 101 101 101 000 | USB | (AB/MPJ) |
| E07a | 11082 | 25-6 | 1530 | Fri | 101 101 101 000 | USB | (AB/MPJ) |
| E07a | 13373 | 26-6 | 0800 | Sat | 338 338 338 000 | USB | (AB) |
| E07a | 14373 | 26-6 | 0820 | Sat | 338 338 338 000 | USB | (AB) |
| E07a | 12166 | 30-6 | 2000 | Wed | 172 172 172 1 60704 653 38 653 38 81496 22749 31802 ... 30625 07618 55549 000 000 | USB | (AB/RL) |
| E07a | 10766 | 30-6 | 2020 | Wed | 172 172 172 1 60704 653 38 653 38 81496 22749 31802 ... 30625 07618 55549 000 000 | USB | (AB/RL) |
| E07a | 9266 | 30-6 | 2040 | Wed | 172 172 172 1 60704 653 38 653 38 81496 22749 31802 ... 30625 07618 55549 000 000 | USB | (AB/RL) |
| E11 | 8091 | 1-6 | 0645 | Tue | 514/00 | USB | (AB) |
| E11 | 8680 | 1-6 | 0700 | Tue | 576/00 | USB | (AB) |
| E11 | 10429 | 1-6 | 0715 | Tue | 633/00 | USB | (AB) |
| E11 | 6304 | 1-6 | 1205 | Tue | 465/00 | USB | (AB) |
| E11 | 5371 | 1-6 | 1605 | Tue | 232/00 | USB | (AB) |
| E11 | 7449 | 2-6 | 0900 | Wed | 532/00 | USB | (AB) |
| E11 | 6923 | 2-6 | 0930 | Wed | 270/00 | USB | (AB) |
| E11 | 6304 | 2-6 | 1205 | Wed | 460/00 | USB | (AB) |

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|-----|-------|------|------|-----|--------|-----|--------------|
| E11 | 7863 | 2-6 | 1625 | Wed | 975/00 | USB | (AB) |
| E11 | 4783 | 2-6 | 1910 | Wed | 390/00 | USB | (AB) |
| E11 | 14575 | 3-6 | 0315 | Thu | 250/00 | USB | (PY) |
| E11 | 8091 | 3-6 | 0640 | Thu | 514/00 | USB | (AB) |
| E11 | 4909 | 3-6 | 0820 | Thu | 438/00 | USB | (AB) |
| E11 | 6923 | 3-6 | 0930 | Thu | 276/00 | USB | (AB) |
| E11 | 5737 | 3-6 | 1300 | Thu | 315/00 | USB | (AB/MPJ-POL) |
| E11 | 10356 | 3-6 | 1530 | Thu | 267/00 | USB | (AB/MPJ) |
| E11 | 14575 | 3-6 | 1645 | Thu | 330/00 | USB | (T101) |
| E11 | 7600 | 3-6 | 1900 | Thu | 646/00 | USB | (AB) |
| E11 | 9150 | 4-6 | 0600 | Fri | 350/00 | USB | (AB) |
| E11 | 8680 | 4-6 | 0700 | Fri | 571/00 | USB | (AB) |
| E11 | 10429 | 4-6 | 0715 | Fri | 631/00 | USB | (AB) |
| E11 | 15720 | 4-6 | 0745 | Fri | 347/00 | USB | (AB) |
| E11 | 4909 | 4-6 | 0820 | Fri | 434/00 | USB | (AB) |
| E11 | 12153 | 4-6 | 1000 | Fri | 305/00 | USB | (AB) |
| E11 | 12229 | 4-6 | 1650 | Fri | 920/00 | USB | (AB) |
| E11 | 12984 | 5-6 | 1345 | Sat | 914/00 | USB | (AB/MPJ) |
| E11 | 4783 | 5-6 | 1910 | Sat | 399/00 | USB | (AB) |
| E11 | 9150 | 6-6 | 0600 | Sun | 350/00 | USB | (AB) |
| E11 | 5371 | 6-6 | 1605 | Sun | 232/00 | USB | (AB/MPJ) |
| E11 | 7863 | 6-6 | 1625 | Sun | 972/00 | USB | (AB/MPJ) |
| E11 | 12229 | 6-6 | 1650 | Sun | 929/00 | USB | (AB/MPJ/ES) |
| E11 | 14410 | 6-6 | 1745 | Sun | 240/00 | USB | (AB/MPJ/ES) |
| E11 | 7469 | 7-6 | 0450 | Mon | 418/00 | USB | (ES) |
| E11 | 12815 | 7-6 | 0845 | Mon | 713/00 | USB | (AB) |
| E11 | 8545 | 7-6 | 1045 | Mon | 694/00 | USB | (AB) |
| E11 | 14410 | 7-6 | 1745 | Mon | 248/00 | USB | (AB-POL/MPJ) |
| E11 | 8109 | 8-6 | 0645 | Tue | 514/00 | USB | (AB) |
| E11 | 8680 | 8-6 | 0700 | Tue | 571/00 | USB | (AB) |
| E11 | 10429 | 8-6 | 0715 | Tue | 635/00 | USB | (AB) |
| E11 | 14940 | 8-6 | 0745 | Tue | 229/00 | USB | (AB) |
| E11 | 17378 | 8-6 | 0820 | Tue | 131/00 | USB | (AB) |
| E11 | 12984 | 8-6 | 1345 | Tue | 919/00 | USB | (AB) |
| E11 | 5371 | 8-6 | 1605 | Tue | 237/00 | USB | (AB) |
| E11 | 14575 | 8-6 | 1645 | Tue | 338/00 | USB | (HFD) |
| E11 | 17378 | 9-6 | 0820 | Wed | 136/00 | USB | (AB) |
| E11 | 12815 | 9-6 | 0845 | Wed | 715/00 | USB | (AB) |
| E11 | 6923 | 9-6 | 0930 | Wed | 275/00 | USB | (AB) |
| E11 | 8545 | 9-6 | 1045 | Wed | 691/00 | USB | (AB) |
| E11 | 7863 | 9-6 | 1625 | Wed | 972/00 | USB | (AB) |
| E11 | 14940 | 10-6 | 0745 | Thu | 225/00 | USB | (AB) |

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|-----|-------|------|------|-----|--------|-----|-----------------|
| E11 | 4909 | 10-6 | 0820 | Thu | 430/00 | USB | (AB) |
| E11 | 6923 | 10-6 | 0930 | Thu | 275/00 | USB | (AB) |
| E11 | 14575 | 10-6 | 1645 | Thu | 334/00 | USB | (T101) |
| E11 | 8088 | 10-6 | 1730 | Thu | 416/00 | USB | (AB) |
| E11 | 8680 | 11-6 | 0700 | Fri | 576/00 | USB | (AB) |
| E11 | 10429 | 11-6 | 0715 | Fri | 639/00 | USB | (AB) |
| E11 | 4909 | 11-6 | 0820 | Fri | 438/00 | USB | (AB) |
| E11 | 12229 | 11-6 | 1650 | Fri | 920/00 | USB | (AB) |
| E11 | 9610 | 11-6 | 1910 | Fri | 617/00 | USB | (AB) |
| E11 | 12984 | 12-6 | 1345 | Sat | 911/00 | USB | (AB) |
| E11 | 5082 | 12-6 | 1530 | Sat | 363/00 | USB | (AB) |
| E11 | 9150 | 13-6 | 0600 | Sun | 358/00 | USB | (AB) |
| E11 | 5149 | 13-6 | 0830 | Sun | 372/00 | USB | (AB) |
| E11 | 5082 | 13-6 | 1530 | Sun | 365/00 | USB | (AB/MPJ) |
| E11 | 5371 | 13-6 | 1605 | Sun | 233/00 | USB | (AB/MPJ) |
| E11 | 7863 | 13-6 | 1625 | Sun | 972/00 | USB | (AB/MPJ) |
| E11 | 12229 | 13-6 | 1650 | Sun | 922/00 | USB | (AB/MPJ) |
| E11 | 14410 | 13-6 | 1745 | Sun | 246/00 | USB | (AB) |
| E11 | 9610 | 13-6 | 1910 | Sun | 618/00 | USB | (AB) |
| E11 | 9610 | 14-6 | 0745 | Mon | 264/00 | USB | (AB) |
| E11 | 7449 | 14-6 | 0900 | Mon | 538/00 | USB | (AB) |
| E11 | 8545 | 14-6 | 1045 | Mon | 692/00 | USB | (AB) |
| E11 | 5737 | 14-6 | 1300 | Mon | 316/00 | USB | (AB) |
| E11 | 7600 | 14-6 | 1900 | Mon | 646/00 | USB | (AB) |
| E11 | 8109 | 15-6 | 0645 | Tue | 511/00 | USB | (AB) |
| E11 | 10429 | 15-6 | 0715 | Tue | 635/00 | USB | (AB) |
| E11 | 14940 | 15-6 | 0745 | Tue | 228/00 | USB | (AB) |
| E11 | 12153 | 15-6 | 0845 | Tue | 151/00 | USB | (AB) |
| E11 | 12153 | 15-6 | 1000 | Tue | 300/00 | USB | (AB) |
| E11 | 6304 | 15-6 | 1205 | Tue | 463/00 | USB | (AB) |
| E11 | 12984 | 15-6 | 1345 | Tue | 914/00 | USB | (AB/MPJ) |
| E11 | 15800 | 16-6 | 0640 | Wed | 945/00 | USB | (AB) |
| E11 | 15720 | 16-6 | 0745 | Wed | 349/00 | USB | (AB) |
| E11 | 7449 | 16-6 | 0900 | Wed | 538/00 | USB | (AB) |
| E11 | 8545 | 16-6 | 1045 | Wed | 696/00 | USB | (AB) |
| E11 | 6304 | 16-6 | 1205 | Wed | 469/00 | USB | (AB) |
| E11 | 4783 | 16-6 | 1910 | Wed | 391/00 | USB | (AB) |
| E11 | 14940 | 17-6 | 0745 | Thu | 228/00 | USB | (AB) |
| E11 | 4909 | 17-6 | 0820 | Thu | 439/00 | USB | (AB) |
| E11 | 12153 | 17-6 | 0845 | Thu | 157/00 | USB | (AB) |
| E11 | 5737 | 17-6 | 1300 | Thu | 313/00 | USB | (AB) |
| E11 | 10356 | 17-6 | 1530 | Thu | 266/00 | USB | (AB/GHn/RL-HOL) |

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|-----|-------|------|------|-----|--------|-----|--------------|
| E11 | 7600 | 17-6 | 1900 | Thu | 641/00 | USB | (AB) |
| E11 | 9150 | 18-6 | 0600 | Fri | 352/00 | USB | (AB) |
| E11 | 10429 | 18-6 | 0715 | Fri | 630/00 | USB | (AB) |
| E11 | 15720 | 18-6 | 0745 | Fri | 340/00 | USB | (AB) |
| E11 | 4909 | 18-6 | 0820 | Fri | 430/00 | USB | (AB) |
| E11 | 12153 | 18-6 | 1000 | Fri | 307/00 | USB | (AB) |
| E11 | 12229 | 18-6 | 1650 | Fri | 924/00 | USB | (AB) |
| E11 | 9610 | 18-6 | 1910 | Fri | 613/00 | USB | (AB/GHn) |
| E11 | 12984 | 19-6 | 1345 | Sat | 919/00 | USB | (AB/MPJ) |
| E11 | 5082 | 19-6 | 1530 | Sat | 369/00 | USB | (AB/MPJ) |
| E11 | 4783 | 19-6 | 1910 | Sat | 392/00 | USB | (AB) |
| E11 | 9150 | 20-6 | 0600 | Sun | 352/00 | USB | (AB) |
| E11 | 5149 | 20-6 | 0830 | Sun | 373/00 | USB | (AB) |
| E11 | 5082 | 20-6 | 1530 | Sun | 369/00 | USB | (AB) |
| E11 | 12229 | 20-6 | 1650 | Sun | 926/00 | USB | (AB/MPJ) |
| E11 | 9610 | 20-6 | 1910 | Sun | 618/00 | USB | (AB) |
| E11 | 7469 | 21-6 | 0450 | Mon | 418/00 | USB | (AB) |
| E11 | 15800 | 21-6 | 0640 | Mon | 949/00 | USB | (AB) |
| E11 | 18030 | 21-6 | 0715 | Mon | 759/00 | USB | (AB) |
| E11 | 9610 | 21-6 | 0745 | Mon | 267/00 | USB | (AB) |
| E11 | 12815 | 21-6 | 0845 | Mon | 718/00 | USB | (AB) |
| E11 | 7449 | 21-6 | 0900 | Mon | 536/00 | USB | (AB) |
| E11 | 8545 | 21-6 | 1045 | Mon | 693/00 | USB | (AB) |
| E11 | 5737 | 21-6 | 1300 | Mon | 311/00 | USB | (AB/MPJ-HNG) |
| E11 | 14410 | 21-6 | 1745 | Mon | 240/00 | USB | (AB/MPJ) |
| E11 | 7600 | 21-6 | 1900 | Mon | 641/00 | USB | (AB) |
| E11 | 8680 | 22-6 | 0700 | Tue | 574/00 | USB | (AB) |
| E11 | 18030 | 22-6 | 0715 | Tue | 752/00 | USB | (HFD) |
| E11 | 17378 | 22-6 | 0820 | Tue | 138/00 | USB | (AB) |
| E11 | 12153 | 22-6 | 0845 | Tue | 157/00 | USB | (AB) |
| E11 | 12153 | 22-6 | 1000 | Tue | 300/00 | USB | (AB) |
| E11 | 6304 | 22-6 | 1205 | Tue | 466/00 | USB | (AB) |
| E11 | 15800 | 23-6 | 0640 | Wed | 945/00 | USB | (AB) |
| E11 | 15720 | 23-6 | 0745 | Wed | 343/00 | USB | (AB) |
| E11 | 17378 | 23-6 | 0820 | Wed | 133/00 | USB | (AB) |
| E11 | 12815 | 23-6 | 0845 | Wed | 713/00 | USB | (AB) |
| E11 | 7449 | 23-6 | 0900 | Wed | 538/00 | USB | (AB) |
| E11 | 6923 | 23-6 | 0930 | Wed | 276/00 | USB | (AB) |
| E11 | 8545 | 23-6 | 1045 | Wed | 694/00 | USB | (AB) |
| E11 | 6304 | 23-6 | 1205 | Wed | 469/00 | USB | (AB) |
| E11 | 7863 | 23-6 | 1625 | Wed | 978/00 | USB | (AB/MPJ) |
| E11 | 4783 | 23-6 | 1910 | Wed | 399/00 | USB | (AB) |

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|-----|-------|------|------|-----|--------|-----|--------------|
| E11 | 12153 | 24-6 | 0845 | Thu | 159/00 | USB | (AB) |
| E11 | 6923 | 24-6 | 0930 | Thu | 270/00 | USB | (AB) |
| E11 | 5737 | 24-6 | 1300 | Thu | 316/00 | USB | (AB) |
| E11 | 10356 | 24-6 | 1530 | Thu | 268/00 | USB | (AB) |
| E11 | 14575 | 24-6 | 1645 | Thu | 335/00 | USB | (AB) |
| E11 | 7600 | 24-6 | 1900 | Thu | 646/00 | USB | (AB) |
| E11 | 9150 | 25-6 | 0600 | Fri | 351/00 | USB | (AB) |
| E11 | 8680 | 25-6 | 0700 | Fri | 574/00 | USB | (AB) |
| E11 | 15720 | 25-6 | 0745 | Fri | 343/00 | USB | (AB) |
| E11 | 12153 | 25-6 | 1000 | Fri | 309/00 | USB | (AB) |
| E11 | 9610 | 25-6 | 1910 | Fri | 614/00 | USB | (AB) |
| E11 | 5082 | 26-6 | 1530 | Sat | 367/00 | USB | (AB) |
| E11 | 4783 | 26-6 | 1910 | Sat | 399/00 | USB | (AB) |
| E11 | 5149 | 27-6 | 0830 | Sun | 376/00 | USB | (AB) |
| E11 | 5082 | 27-6 | 1530 | Sun | 360/00 | USB | (AB/MPJ) |
| E11 | 5371 | 27-6 | 1605 | Sun | 233/00 | USB | (AB/MPJ) |
| E11 | 7863 | 27-6 | 1625 | Sun | 976/00 | USB | (AB) |
| E11 | 14410 | 27-6 | 1745 | Sun | 249/00 | USB | (AB/MPJ) |
| E11 | 9610 | 27-6 | 1910 | Sun | 614/00 | USB | (AB) |
| E11 | 9060 | 28-6 | 0300 | Mon | 183/00 | USB | (HFD-POL) |
| E11 | 7469 | 28-6 | 0450 | Mon | 416/00 | USB | (AB) |
| E11 | 15800 | 28-6 | 0640 | Mon | 942/00 | USB | (AB) |
| E11 | 18030 | 28-6 | 0715 | Mon | 759/00 | USB | (AB) |
| E11 | 9610 | 28-6 | 0745 | Mon | 268/00 | USB | (AB) |
| E11 | 12815 | 28-6 | 0845 | Mon | 718/00 | USB | (AB) |
| E11 | 7449 | 28-6 | 0900 | Mon | 538/00 | USB | (AB) |
| E11 | 5737 | 28-6 | 1300 | Mon | 316/00 | USB | (AB/MPJ) |
| E11 | 14410 | 28-6 | 1745 | Mon | 245/00 | USB | (AB/MPJ) |
| E11 | 7600 | 28-6 | 1900 | Mon | 646/00 | USB | (AB) |
| E11 | 8109 | 29-6 | 0645 | Tue | 510/00 | USB | (AB) |
| E11 | 8680 | 29-6 | 0700 | Tue | 570/00 | USB | (AB) |
| E11 | 10429 | 29-6 | 0715 | Tue | 636/00 | USB | (AB) |
| E11 | 14940 | 29-6 | 0745 | Tue | 224/00 | USB | (AB) |
| E11 | 17378 | 29-6 | 0820 | Tue | 133/00 | USB | (AB-POL) |
| E11 | 12153 | 29-6 | 0845 | Tue | 151/00 | USB | (AB) |
| E11 | 12153 | 29-6 | 1000 | Tue | 308/00 | USB | (AB) |
| E11 | 6304 | 29-6 | 1205 | Tue | 466/00 | USB | (AB/MPJ-HNG) |
| E11 | 12984 | 29-6 | 1345 | Tue | 919/00 | USB | (AB/MPJ) |
| E11 | 5371 | 29-6 | 1605 | Tue | 236/00 | USB | (AB) |
| E11 | 14575 | 29-6 | 1645 | Tue | 335/00 | USB | (AB) |
| E11 | 14575 | 30-6 | 0315 | Wed | 253/00 | USB | (HFD) |
| E11 | 15800 | 30-6 | 0640 | Wed | 949/00 | USB | (AB) |

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|------|-------|------|------|-----|--|-----|-------------|
| E11 | 18030 | 30-6 | 0715 | Wed | 759/00 | USB | (AB) |
| E11 | 15720 | 30-6 | 0745 | Wed | 342/00 | USB | (AB) |
| E11 | 17378 | 30-6 | 0820 | Wed | 135/00 | USB | (AB) |
| E11 | 12815 | 30-6 | 0845 | Wed | 715/00 | USB | (AB) |
| E11 | 7449 | 30-6 | 0900 | Wed | 530/00 | USB | (AB) |
| E11 | 6923 | 30-6 | 0930 | Wed | 275/00 | USB | (AB) |
| E11 | 6304 | 30-6 | 1205 | Wed | 465/00 | USB | (AB/MPJ) |
| E11 | 7863 | 30-6 | 1625 | Wed | 972/00 | USB | (AB/MPJ) |
| E11 | 4783 | 30-6 | 1910 | Wed | 395/00 | USB | (AB) |
| E11a | 9610 | 4-6 | 1910 | Fri | 611/34 Attention 57745 77887 03414 ... 03652 59994 598411 Attention (message repeated) Out | USB | (AB) |
| E11a | 5082 | 5-6 | 1530 | Sat | 365/40 Attention 01259 58727 08383 ... 58046 47564 80597 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 5082 | 6-6 | 1530 | Sun | 365/40 Attention 01259 58727 08383 ... 58046 47564 80597 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 9610 | 6-6 | 1910 | Sun | 611/34 Attention 57745 77887 03414 ... 03652 59994 598411 Attention (message repeated) Out | USB | (AB) |
| E11a | 15800 | 7-6 | 0640 | Mon | 946/25 Attention 75670 08521 40645 ... 99995 91236 16259 Attention (message repeated) Out | USB | (AB) |
| E11a | 18030 | 7-6 | 0715 | Mon | 750/33 Attention 48909 46596 25115 ... 64330 50011 61173 Attention (message repeated) Out | USB | (Sublio) |
| E11a | 9610 | 7-6 | 0745 | Mon | 262/37 Attention 44992 52800 89684 ... 60190 77615 81562 Attention (message repeated) Out | USB | (AB) |
| E11a | 7449 | 7-6 | 0900 | Mon | 538/36 Attention 24602 51734 78969 ... 43200 93045 72684 Attention (message repeated) Out | USB | (AB) |
| E11a | 5737 | 7-6 | 1300 | Mon | 310/35 Attention 06382 14502 11810 ... 85786 37654 88431 Attention (message repeated) Out | USB | (AB) |
| E11a | 7600 | 7-6 | 1900 | Mon | 643/37 Attention 61514 28943 54236 ... 72171 35645 56852 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 12153 | 8-6 | 0845 | Tue | 156/36 Attention 67333 09401 33576 ... 38189 58864 56359 Attention (message repeated) Out | USB | (AB) |
| E11a | 6304 | 8-6 | 1205 | Tue | 463/34 Attention 57501 68851 71911 ... 40202 90792 57481 Attention (message repeated) Out | USB | (AB) |
| E11a | 15800 | 9-6 | 0640 | Wed | 946/25 Attention 75670 08521 40645 ... 99995 91236 16259 Attention (message repeated) Out | USB | (AB) |
| E11a | 15720 | 9-6 | 0745 | Wed | 348/37 Attention 34010 58423 37046 ... 38319 69713 42040 Attention (message repeated) Out | USB | (AB) |
| E11a | 7449 | 9-6 | 0900 | Wed | 538/36 Attention 24602 51734 78969 ... 43200 93045 72684 Attention (message repeated) Out | USB | (AB) |
| E11a | 6304 | 9-6 | 1205 | Wed | 463/34 Attention 57501 68851 71911 ... 40202 90792 57481 Attention (message repeated) Out | USB | (AB) |
| E11a | 4783 | 9-6 | 1910 | Wed | 392/35 Attention 78818 03117 01310 ... 00714 88748 75599 Attention (message repeated) Out | USB | (AB) |
| E11a | 18030 | 10-6 | 0715 | Thu | 750/33 Attention 48909 46596 25115 ... 64330 50011 61173 Attention (message repeated) Out | USB | (Sublio) |
| E11a | 12153 | 10-6 | 0845 | Thu | 156/36 Attention 67333 09401 33576 ... 38189 58864 56359 Attention (message repeated) Out | USB | (AB) |
| E11a | 5737 | 10-6 | 1300 | Thu | 310/35 Attention 06382 14502 11810 ... 85786 37654 88431 Attention (message repeated) Out | USB | (AB) |
| E11a | 10356 | 10-6 | 1530 | Thu | 262/37 Attention 44992 52800 89684 ... 60190 77615 81562 Attention (message repeated) Out | USB | (AB/HFD) |
| E11a | 7600 | 10-6 | 1900 | Thu | 643/37 Attention 61514 28943 54236 ... 72171 35645 56852 Attention (message repeated) Out | USB | (AB) |
| E11a | 15720 | 11-6 | 0745 | Fri | 348/37 Attention 34010 58423 37046 ... 38319 69713 42040 Attention (message repeated) Out | USB | (AB) |
| E11a | 4783 | 12-6 | 1910 | Sat | 392/35 Attention 78818 03117 01310 ... 00714 88748 75599 Attention (message repeated) Out | USB | (AB) |
| E11a | 7469 | 14-6 | 0450 | Mon | 413/37 Attention 67030 76378 85186 ... 81317 07116 84369 Attention (message repeated) Out | USB | (AB) |
| E11a | 14410 | 14-6 | 1745 | Mon | 246/33 Attention 03095 86919 69673 ... 28492 32858 26940 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 8680 | 15-6 | 0700 | Tue | 575/31 Attention 05472 02654 38380 ... 30963 05398 41816 Attention (message repeated) Out | USB | (AB) |
| E11a | 17378 | 15-6 | 0820 | Tue | 130/35 Attention 85130 69197 83798 ... 96993 00947 57387 Attention (message repeated) Out | USB | (AB) |
| E11a | 5371 | 15-6 | 1605 | Tue | 236/39 Attention 15164 73052 86497 ... 69344 60290 14199 Attention (message repeated) Out | USB | (AB/MPJ/RL) |
| E11a | 17378 | 16-6 | 0820 | Wed | 130/35 Attention 85130 69197 83798 ... 96993 00947 57387 Attention (message repeated) Out | USB | (AB) |
| E11a | 6923 | 16-6 | 0930 | Wed | 270/31 Attention 98617 66385 28609 ... 99332 72924 47907 Attention (message repeated) out | USB | (AB) |
| E11a | 7863 | 16-6 | 1625 | Wed | 976/38 Attention 95862 41506 67869 ... 40099 16602 50512 Attention (message repeated) Out | USB | (AB) |
| E11a | 6923 | 17-6 | 0930 | Thu | 270/31 Attention 98617 66385 28609 ... 99332 72924 47907 Attention (message repeated) out | USB | (AB) |

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|------|-------|------|------|-----|---|-------------|---------------------|
| E11a | 14575 | 17-6 | 1645 | Thu | 331/34 Attention 59395 51707 19139 ... 59246 72303 33423 Attention (message repeated) Out | USB | (AB/MPJ-POL/RL-HOL) |
| E11a | 8088 | 17-6 | 1730 | Thu | 413/37 Attention 67030 76378 85186 ... 81317 07116 84369 Attention (message repeated) Out | USB | (AB) |
| E11a | 8680 | 18-6 | 0700 | Fri | 575/31 Attention 05472 02654 38380 ... 30963 05398 41816 Attention (message repeated) Out | USB | (AB) |
| E11a | 5371 | 20-6 | 1605 | Sun | 236/39 Attention 15164 73052 86497 ... 69344 60290 14199 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 7863 | 20-6 | 1625 | Sun | 976/38 Attention 95862 41506 67869 ... 40099 16602 50512 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 14410 | 20-6 | 1745 | Sun | 246/33 Attention 03095 86919 69673 ... 28492 32858 26940 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 8109 | 22-6 | 0645 | Tue | 511/40 Attention 87790 26696 42043 ... 23794 29769 97557 Attention (message repeated) Out | USB | (AB) |
| E11a | 10429 | 22-6 | 0715 | Tue | 631/34 Attention 14442 12084 25647 ... 22861 30599 74758 Attention (message repeated) Out | USB | (AB) |
| E11a | 14940 | 22-6 | 0745 | Tue | 227/39 Attention 40178 00200 58345 ... 15857 67231 48637 Attention (message repeated) Out | USB | (AB) |
| E11a | 12984 | 22-6 | 1345 | Tue | 918/32 Attention 28692 53304 12473 ... 19136 27243 63285 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 8091 | 24-6 | 0645 | Thu | 511/40 Attention 87790 26696 42043 ... 23794 29769 97557 Attention (message repeated) Out | USB | (AB) |
| E11a | 9060 | 25-6 | 0300 | Fri | 189/30 Attention ... | USB | (AB) |
| E11a | 10429 | 25-6 | 0715 | Fri | 631/34 Attention 14442 12084 25647 ... 22861 30599 74758 Attention (message repeated) Out | USB | (AB) |
| E11a | 4909 | 25-6 | 0820 | Fri | 432/33 Attention 54227 43703 43015 ... 57195 82687 37277 Attention (message repeated) Out | USB | (AB-POL) |
| E11a | 12229 | 25-6 | 1650 | Fri | 920/33 Attention 54481 71809 04572 ... 64989 49831 10310 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 12984 | 26-6 | 1345 | Sat | 918/32 Attention 28692 53304 12473 ... 19136 27243 63285 Attention (message repeated) Out | USB | (AB) |
| E11a | 9150 | 27-6 | 0600 | Sun | 351/33 Attention 11448 63917 52417 ... 35095 49220 13887 Attention (message repeated) Out | USB | (AB) |
| E11a | 12229 | 27-6 | 1650 | Sun | 920/33 Attention 54481 71809 04572 ... 64989 49831 10310 Attention (message repeated) Out | USB | (AB/MPJ) |
| E11a | 8545 | 28-6 | 1045 | Mon | 692/28 Attention 32520 02420 14906 ... 85117 66962 77625 Attention (message repeated) Out | USB | (AB) |
| E11a | 8545 | 30-6 | 1045 | Wed | 692/28 Attention 32520 02420 14906 ... 85117 66962 77625 Attention (message repeated) Out | USB | (AB) |
| E17z | 16780 | 10-6 | 0800 | Thu | 217 493 5 88620 39534 14778 88146 11178 493 5 00000 | USB | (AB) |
| E17z | 12850 | 10-6 | 0810 | Thu | 217 493 5 88620 39534 14778 88146 11178 493 5 00000 | USB | (AB) |
| E17z | 16780 | 17-6 | 0800 | Thu | 217 403 5 88620 58069 61732 74537 57440 403 5 00000 | USB | (AB) |
| E17z | 12850 | 17-6 | 0810 | Thu | 217 403 5 88620 58069 61732 74537 57440 403 5 00000 | USB | (AB) |
| E17z | 16780 | 24-6 | 0800 | Thu | 217 403 5 88620 58069 61732 74537 57440 403 5 00000 | USB | (AB) |
| E17z | 12850 | 24-6 | 0810 | Thu | 217 403 5 88620 58069 61732 74537 57440 403 5 00000 | USB | (AB) |
| F01 | 22936 | 1-6 | 0000 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 1-6 | 0010 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 1-6 | 0020 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 1-6 | 0100 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 1-6 | 0110 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 1-6 | 0120 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 1-6 | 1015 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 1-6 | 1025 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 1-6 | 1035 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 22936 | 2-6 | 0000 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 2-6 | 0010 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 2-6 | 0020 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 2-6 | 0100 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 2-6 | 0110 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 2-6 | 0120 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |

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|-----|-------|-----|------|-----|--|-------------|--------------|
| F01 | 11487 | 2-6 | 1015 | Wed | Russian diplo/intel. 64969 26080 71628 ... 85027 90272 69431 00000 | FSK 200/500 | (AB/HFD) |
| F01 | 9376 | 2-6 | 1025 | Wed | Russian diplo/intel. 64969 26080 71628 ... 85027 90272 69431 00000 | FSK 200/500 | (AB/HFD) |
| F01 | 7591 | 2-6 | 1035 | Wed | Russian diplo/intel. 64969 26080 71628 ... 85027 90272 69431 00000 | FSK 200/500 | (AB/HFD) |
| F01 | 14621 | 2-6 | 1840 | Wed | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB/MPJ/HFD) |
| F01 | 12206 | 2-6 | 1850 | Wed | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB/MPJ/HFD) |
| F01 | 10465 | 2-6 | 1900 | Wed | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB/MPJ/HFD) |
| F01 | 22936 | 3-6 | 0000 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 3-6 | 0010 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 3-6 | 0020 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 3-6 | 0100 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 3-6 | 0110 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 3-6 | 0120 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 3-6 | 1015 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 3-6 | 1025 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 3-6 | 1035 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 22936 | 4-6 | 0000 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 4-6 | 0010 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 4-6 | 0020 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 4-6 | 0100 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 4-6 | 0110 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 4-6 | 0120 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 4-6 | 1015 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 9376 | 4-6 | 1025 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 7591 | 4-6 | 1035 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 22936 | 7-6 | 0000 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 7-6 | 0010 | Mon | Russian diplo/intel. Cut off at 0011 UTC | FSK 200/500 | (PY) |
| F01 | 17471 | 7-6 | 0020 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 7-6 | 0100 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 7-6 | 0110 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 7-6 | 0120 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 7-6 | 1015 | Mon | Russian diplo/intel. 10951 29844 39007 ... 37714 72445 00000 | FSK 200/500 | (AB) |
| F01 | 9376 | 7-6 | 1025 | Mon | Russian diplo/intel. 10951 29844 39007 ... 37714 72445 00000 | FSK 200/500 | (AB) |
| F01 | 7591 | 7-6 | 1035 | Mon | Russian diplo/intel. 10951 29844 39007 ... 37714 72445 00000 | FSK 200/500 | (AB) |
| F01 | 22936 | 8-6 | 0000 | Tue | Russian diplo/intel. Idle carrier until 0009 UTC | FSK 200/500 | (PY) |
| F01 | 20331 | 8-6 | 0010 | Tue | Russian diplo/intel. No transmission | FSK 200/500 | (PY) |
| F01 | 17471 | 8-6 | 0020 | Tue | Russian diplo/intel. No transmission | FSK 200/500 | (PY) |
| F01 | 17532 | 8-6 | 0100 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 8-6 | 0110 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 8-6 | 0120 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 8-6 | 1015 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 8-6 | 1025 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 8-6 | 1035 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |

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|-----|-------|------|------|-----|--|-------------|----------|
| F01 | 22936 | 9-6 | 0000 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 9-6 | 0010 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 9-6 | 0020 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 9-6 | 0100 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 9-6 | 0110 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 9-6 | 0120 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 9-6 | 1015 | Wed | Russian diplo/intel. 40453 84899 29403 ... 21841 46377 75433 00000 | FSK 200/500 | (AB) |
| F01 | 9376 | 9-6 | 1025 | Wed | Russian diplo/intel. 40453 84899 29403 ... 21841 46377 75433 00000 | FSK 200/500 | (AB) |
| F01 | 7591 | 9-6 | 1035 | Wed | Russian diplo/intel. 40453 84899 29403 ... 21841 46377 75433 00000 | FSK 200/500 | (AB) |
| F01 | 22936 | 10-6 | 0000 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 10-6 | 0010 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 10-6 | 0020 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 10-6 | 0100 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 10-6 | 0110 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 10-6 | 0120 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 10-6 | 1015 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 10-6 | 1025 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 10-6 | 1035 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 22936 | 11-6 | 0000 | Fri | Russian diplo/intel. No transmission | FSK 200/500 | (PY) |
| F01 | 20331 | 11-6 | 0010 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 11-6 | 0020 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 11-6 | 0100 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 11-6 | 0110 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 11-6 | 0120 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 11-6 | 1015 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 9376 | 11-6 | 1025 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 7591 | 11-6 | 1035 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 11487 | 14-6 | 1015 | Mon | Russian diplo/intel. 63919 19923 58265 ... 94539 84484 78435 00000 | FSK 200/500 | (AB/MPJ) |
| F01 | 9376 | 14-6 | 1025 | Mon | Russian diplo/intel. 63919 19923 58265 ... 94539 84484 78435 00000 | FSK 200/500 | (AB/MPJ) |
| F01 | 7591 | 14-6 | 1035 | Mon | Russian diplo/intel. 63919 19923 58265 ... 94539 84484 78435 00000 | FSK 200/500 | (AB/MPJ) |
| F01 | 22936 | 15-6 | 0000 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 15-6 | 0010 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 15-6 | 0020 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 15-6 | 0100 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 15-6 | 0110 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 15-6 | 0120 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 15-6 | 1015 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 15-6 | 1025 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 15-6 | 1035 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 22936 | 16-6 | 0000 | Wed | Russian diplo/intel. Carrier only | FSK 200/500 | (PY) |
| F01 | 20331 | 16-6 | 0010 | Wed | Russian diplo/intel. Carrier till 0017 UTC, then F01 in mid messages | FSK 200/500 | (PY) |
| F01 | 17471 | 16-6 | 0020 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |

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|-----|-------|------|------|-----|--|-------------|------|
| F01 | 17532 | 16-6 | 0100 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 16-6 | 0110 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 16-6 | 0120 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 16-6 | 1015 | Wed | Russian diplo/intel. 28160 43180 06460 ... 55204 81407 00000 +++++ +++++ | FSK 200/500 | (AB) |
| F01 | 9376 | 16-6 | 1025 | Wed | Russian diplo/intel. 28160 43180 06460 ... 55204 81407 00000 +++++ +++++ | FSK 200/500 | (AB) |
| F01 | 7591 | 16-6 | 1035 | Wed | Russian diplo/intel. 28160 43180 06460 ... 55204 81407 00000 +++++ +++++ | FSK 200/500 | (AB) |
| F01 | 22936 | 17-6 | 0000 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 17-6 | 0010 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 17-6 | 0020 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 17-6 | 0100 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 17-6 | 0110 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 17-6 | 0120 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 17-6 | 1015 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 17-6 | 1025 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 17-6 | 1035 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 22936 | 18-6 | 0000 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 18-6 | 0010 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 18-6 | 0020 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 18-6 | 0100 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 18-6 | 0110 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 18-6 | 0120 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 18-6 | 1015 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 9376 | 18-6 | 1025 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 7591 | 18-6 | 1035 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 22936 | 21-6 | 0000 | Mon | Russian diplo/intel. No transmission | FSK 200/500 | (PY) |
| F01 | 20331 | 21-6 | 0010 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 21-6 | 0020 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 21-6 | 0100 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 21-6 | 0110 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 21-6 | 0120 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 21-6 | 1015 | Mon | Russian diplo/intel. 39577 05731 70855 ... 46875 28564 84411 00000 +++++ | FSK 200/500 | (AB) |
| F01 | 9376 | 21-6 | 1025 | Mon | Russian diplo/intel. 39577 05731 70855 ... 46875 28564 84411 00000 +++++ | FSK 200/500 | (AB) |
| F01 | 7591 | 21-6 | 1035 | Mon | Russian diplo/intel. 39577 05731 70855 ... 46875 28564 84411 00000 +++++ | FSK 200/500 | (AB) |
| F01 | 22936 | 22-6 | 0004 | Tue | Russian diplo/intel. Late start | FSK 200/500 | (PY) |
| F01 | 20331 | 22-6 | 0010 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 22-6 | 0020 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 22-6 | 0100 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 22-6 | 0110 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 22-6 | 0120 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 22-6 | 1015 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 22-6 | 1025 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 22-6 | 1035 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |

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|-----|-------|------|------|-----|---|-------------|----------|
| F01 | 22936 | 23-6 | 0000 | Wed | Russian diplo/intel. Signal interruptions, idle carrier at 0006 UTC, then back into the message | FSK 200/500 | (PY) |
| F01 | 20331 | 23-6 | 0010 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 23-6 | 0020 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 23-6 | 0100 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 23-6 | 0110 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 23-6 | 0120 | Wed | Russian diplo/intel. Stopped at 0122 UTC | FSK 200/500 | (PY) |
| F01 | 11487 | 23-6 | 1015 | Wed | Russian diplo/intel. 65120 52921 07608 ... 16464 95671 87433 00000 +++++ +++++ +++++ | FSK 200/500 | (AB) |
| F01 | 9376 | 23-6 | 1025 | Wed | Russian diplo/intel. 65120 52921 07608 ... 16464 95671 87433 00000 +++++ +++++ +++++ | FSK 200/500 | (AB-RUS) |
| F01 | 7591 | 23-6 | 1035 | Wed | Russian diplo/intel. 65120 52921 07608 ... 16464 95671 87433 00000 +++++ +++++ +++++ | FSK 200/500 | (AB-RUS) |
| F01 | 22936 | 24-6 | 0000 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 24-6 | 0010 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17471 | 24-6 | 0020 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 17532 | 24-6 | 0100 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 24-6 | 0110 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 24-6 | 0120 | Thu | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 24-6 | 1015 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 24-6 | 1025 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 24-6 | 1035 | Thu | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 22936 | 25-6 | 0000 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 20331 | 25-6 | 0010 | Fri | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 17471 | 25-6 | 0020 | Fri | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 17532 | 25-6 | 0100 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 25-6 | 0110 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 25-6 | 0120 | Fri | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 25-6 | 1015 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 9376 | 25-6 | 1025 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 7591 | 25-6 | 1035 | Fri | Russian diplo/intel. 5761 00000 | FSK 200/500 | (AB) |
| F01 | 22936 | 28-6 | 0000 | Mon | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 20331 | 28-6 | 0010 | Mon | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 17471 | 28-6 | 0020 | Mon | Russian diplo/intel. Off at 0021 UTC | FSK 200/500 | (PY) |
| F01 | 17532 | 28-6 | 0100 | Mon | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 16351 | 28-6 | 0110 | Mon | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 14428 | 28-6 | 0120 | Mon | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 28-6 | 1015 | Mon | Russian diplo/intel. 61141 43526 34034 ... 04526 96904 90411 00000 +++++ | FSK 200/500 | (AB) |
| F01 | 9376 | 28-6 | 1025 | Mon | Russian diplo/intel. 61141 43526 34034 ... 04526 96904 90411 00000 +++++ | FSK 200/500 | (AB) |
| F01 | 7591 | 28-6 | 1035 | Mon | Russian diplo/intel. 61141 43526 34034 ... 04526 96904 90411 00000 +++++ | FSK 200/500 | (AB) |
| F01 | 22936 | 29-6 | 0000 | Tue | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 20331 | 29-6 | 0010 | Tue | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 17471 | 29-6 | 0020 | Tue | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/500 | (PY) |
| F01 | 17532 | 29-6 | 0100 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 29-6 | 0110 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 29-6 | 0120 | Tue | Russian diplo/intel. | FSK 200/500 | (PY) |

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|------|-------|------|------|-----|--|-------------------------|----------|
| F01 | 11487 | 29-6 | 1015 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 9376 | 29-6 | 1025 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 7591 | 29-6 | 1035 | Tue | Russian diplo/intel. Two messages | FSK 200/500 | (AB) |
| F01 | 22936 | 30-6 | 0000 | Wed | Russian diplo/intel. No transmission | FSK 200/500 | (PY) |
| F01 | 20331 | 30-6 | 0010 | Wed | Russian diplo/intel. No transmission | FSK 200/500 | (PY) |
| F01 | 17471 | 30-6 | 0025 | Wed | Russian diplo/intel. Late start no decode, off at 0027 UYC | FSK 200/500 | (PY) |
| F01 | 17532 | 30-6 | 0100 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 16351 | 30-6 | 0110 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 14428 | 30-6 | 0120 | Wed | Russian diplo/intel. | FSK 200/500 | (PY) |
| F01 | 11487 | 30-6 | 1015 | Wed | Russian diplo/intel. Undecodable | FSK 200/500 | (AB) |
| F01 | 9376 | 30-6 | 1025 | Wed | Russian diplo/intel. Uncecodable | FSK 200/500 | (AB-RUS) |
| F01 | 7591 | 30-6 | 1035 | Wed | Russian diplo/intel. Undecodable | FSK 200/500 | (AB-RUS) |
| F03j | 17410 | 1-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 17410 | 1-6 | 0730 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 9950 | 4-6 | 0900 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY) |
| F03j | 9950 | 4-6 | 0905 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY) |
| F03j | 8803 | 8-6 | 0615 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 8-6 | 0620 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 8-6 | 0635 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 8-6 | 0640 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 8-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 17410 | 8-6 | 0730 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 18030 | 8-6 | 0800 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 18030 | 8-6 | 0805 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12385 | 8-6 | 0835 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 8-6 | 0840 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 9-6 | 0615 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 9-6 | 0620 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 18030 | 9-6 | 0800 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 18030 | 9-6 | 0805 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 10-6 | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 10-6 | 0730 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 10-6 | 0835 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 10-6 | 0840 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 11-6 | 0900 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 11-6 | 0905 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 11-6 | 0945 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 11-6 | 0950 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 14-6 | 1030 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 14-6 | 1035 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 15-6 | 0615 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 15-6 | 0620 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |

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|-------------|-------|------|------|-----|---------------|-------------------------|----------|
| F03j | 14865 | 15-6 | 0635 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 15-6 | 0640 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 15-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 17410 | 15-6 | 0730 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 18030 | 15-6 | 0800 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 18030 | 15-6 | 0805 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12385 | 15-6 | 0835 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 15-6 | 0840 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 15-6 | 0945 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 15-6 | 0950 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 16-6 | 0615 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 16-6 | 0620 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 18030 | 16-6 | 0800 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 18030 | 16-6 | 0805 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 16-6 | 0915 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 16-6 | 0920 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 16-6 | 1030 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 16-6 | 1035 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 17-6 | 0635 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 17-6 | 0640 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 17-6 | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 17-6 | 0730 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 17-6 | 0835 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 17-6 | 0840 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 17-6 | 0915 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 17-6 | 0920 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 18-6 | 0900 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 18-6 | 0905 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 18-6 | 0945 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 18-6 | 0950 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 21-6 | 0615 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 21-6 | 0620 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12397 | 21-6 | 0810 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12397 | 21-6 | 0815 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 21-6 | 1030 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 21-6 | 1035 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 22-6 | 0615 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 22-6 | 0620 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 22-6 | 0635 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 22-6 | 0640 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 22-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 17410 | 22-6 | 0730 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |

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|-------------|-------|------|------|-----|---------------|-------------------------|----------|
| F03j | 18030 | 22-6 | 0800 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 18030 | 22-6 | 0805 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12385 | 22-6 | 0835 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 22-6 | 0840 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 22-6 | 0900 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY) |
| F03j | 9950 | 22-6 | 0905 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY) |
| F03j | 7663 | 22-6 | 0945 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 22-6 | 0950 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 23-6 | 0615 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 23-6 | 0620 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 18030 | 23-6 | 0800 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 18030 | 23-6 | 0805 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 23-6 | 0915 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 23-6 | 0920 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 23-6 | 1030 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 23-6 | 1035 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 24-6 | 0615 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 24-6 | 0620 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 24-6 | 0635 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 24-6 | 0640 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 24-6 | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 24-6 | 0730 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 24-6 | 0835 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 24-6 | 0840 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 24-6 | 0915 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 6304 | 24-6 | 0920 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12397 | 25-6 | 0810 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12397 | 25-6 | 0815 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 25-6 | 0900 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 25-6 | 0905 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 25-6 | 0945 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 25-6 | 0950 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 28-6 | 0615 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 17410 | 28-6 | 0620 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12397 | 28-6 | 0810 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12397 | 28-6 | 0815 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 28-6 | 1030 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 28-6 | 1035 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 29-6 | 0615 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8803 | 29-6 | 0620 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 29-6 | 0635 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 14865 | 29-6 | 0640 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |

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|-------------|-------|------|------|-----|---------------|-------------------------|----------|
| F03j | 17410 | 29-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 17410 | 29-6 | 0730 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 18030 | 29-6 | 0800 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 18030 | 29-6 | 0805 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12385 | 29-6 | 0835 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 12385 | 29-6 | 0840 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 29-6 | 0900 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 9950 | 29-6 | 0905 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 29-6 | 0945 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 7663 | 29-6 | 0950 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 30-6 | 0615 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 17410 | 30-6 | 0620 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 18030 | 30-6 | 0800 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 18030 | 30-6 | 0805 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 30-6 | 0915 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 6304 | 30-6 | 0920 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 30-6 | 1030 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03j | 8423 | 30-6 | 1035 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB) |
| F03l | 12385 | 1-6 | 1800 | Tue | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 12385 | 1-6 | 1810 | Tue | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 6304 | 3-6 | 1830 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 6304 | 3-6 | 1835 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 6304 | 7-6 | 1830 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03l | 6304 | 7-6 | 1835 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03l | 12385 | 8-6 | 1800 | Tue | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 12385 | 8-6 | 1810 | Tue | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 7469 | 9-6 | 0950 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 7469 | 9-6 | 0955 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 14410 | 10-6 | 0430 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 14410 | 10-6 | 0435 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 12385 | 10-6 | 1800 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 12385 | 10-6 | 1810 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 6304 | 10-6 | 1830 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 6304 | 10-6 | 1835 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 6304 | 14-6 | 1830 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03l | 6304 | 14-6 | 1835 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03l | 12385 | 15-6 | 1800 | Tue | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03l | 12385 | 15-6 | 1810 | Tue | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03l | 7469 | 16-6 | 0950 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 7469 | 16-6 | 0955 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 12385 | 17-6 | 1800 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03l | 12385 | 17-6 | 1810 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |

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|------|-------|------|------|-----|---|-------------------------|----------|
| F03I | 6304 | 17-6 | 1830 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 6304 | 17-6 | 1835 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 7469 | 21-6 | 0950 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 7469 | 21-6 | 0955 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 6304 | 21-6 | 1830 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 6304 | 21-6 | 1835 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 14410 | 23-6 | 0430 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 14410 | 23-6 | 0435 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 7469 | 23-6 | 0950 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 7469 | 23-6 | 0955 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 14410 | 24-6 | 0430 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 14410 | 24-6 | 0435 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 12385 | 24-6 | 1800 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 12385 | 24-6 | 1810 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 6304 | 24-6 | 1830 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 6304 | 24-6 | 1835 | Thu | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 7469 | 28-6 | 0950 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 7469 | 28-6 | 0955 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 6304 | 28-6 | 1830 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 6304 | 28-6 | 1835 | Mon | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 12385 | 29-6 | 1800 | Tue | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 12385 | 29-6 | 1810 | Tue | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB/MPJ) |
| F03I | 14410 | 30-6 | 0430 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 14410 | 30-6 | 0435 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 7469 | 30-6 | 0950 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F03I | 7469 | 30-6 | 0955 | Wed | Polish intel. | FSK-2 100Bd/200Hz/448bp | (AB) |
| F06 | 13370 | 1-6 | 0200 | Tue | Russian diplo/intel. Header: 11166 60146 00000 01064 03079 | FSK 200/1000 | (PY) |
| F06 | 11538 | 1-6 | 0210 | Tue | Russian diplo/intel. Header: 11166 60146 00000 01064 03079 | FSK 200/1000 | (PY) |
| F06 | 10614 | 1-6 | 0220 | Tue | Russian diplo/intel. Header: 11166 60146 00000 01064 03079 | FSK 200/1000 | (PY) |
| F06 | 11563 | 1-6 | 0300 | Tue | Russian diplo/intel. Header: 11166 60146 00000 01064 03079 | FSK 200/1000 | (PY) |
| F06 | 10216 | 1-6 | 0310 | Tue | Russian diplo/intel. Header: 11166 60146 00000 01064 03079 | FSK 200/1000 | (PY) |
| F06 | 9417 | 1-6 | 0320 | Tue | Russian diplo/intel. Header: 11166 60146 00000 01064 03079 | FSK 200/1000 | (PY) |
| F06 | 13924 | 1-6 | 0700 | Tue | Russian diplo/intel. Headers: 11166 70202 64175 31096 01619 and 11166 70202 50971 31097 02239 | FSK 200/1000 | (AB) |
| F06 | 11474 | 1-6 | 0710 | Tue | Russian diplo/intel. Headers: 11166 70202 64175 31096 01619 and 11166 70202 50971 31097 02239 | FSK 200/1000 | (AB) |
| F06 | 9234 | 1-6 | 0720 | Tue | Russian diplo/intel. Headers: 11166 70202 64175 31096 01619 and 11166 70202 50971 31097 02239 | FSK 200/1000 | (AB) |
| F06 | 12226 | 1-6 | 1200 | Tue | Russian diplo/intel. Headers: 11166 70202 64175 31096 01619 and 11166 70202 50971 31097 02239 | FSK 200/1000 | (AB) |
| F06 | 10762 | 1-6 | 1210 | Tue | Russian diplo/intel. Headers: 11166 70202 64175 31096 01619 and 11166 70202 50971 31097 02239 | FSK 200/1000 | (AB) |
| F06 | 8191 | 1-6 | 1220 | Tue | Russian diplo/intel. Headers: 11166 70202 64175 31096 01619 and 11166 70202 50971 31097 02239 | FSK 200/1000 | (AB) |
| F06 | 19936 | 1-6 | 1650 | Tue | Russian diplo/intel. 11166 10053 78541 01001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 16354 | 1-6 | 1700 | Tue | Russian diplo/intel. 11166 10053 78541 01001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13955 | 1-6 | 1710 | Tue | Russian diplo/intel. 11166 10053 78541 01001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 2-6 | 0200 | Wed | Russian diplo/intel. Undecodable | FSK 200/500 | (PY) |

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|-----|-------|-----|------|-----|---|--------------|----------|
| F06 | 11538 | 2-6 | 0210 | Wed | Russian diplo/intel. Undecodable | FSK 200/500 | (PY) |
| F06 | 10614 | 2-6 | 0220 | Wed | Russian diplo/intel. Undecodable | FSK 200/500 | (PY) |
| F06 | 11563 | 2-6 | 0300 | Wed | Russian diplo/intel. Undecodable | FSK 200/500 | (PY) |
| F06 | 10216 | 2-6 | 0310 | Wed | Russian diplo/intel. Undecodable | FSK 200/500 | (PY) |
| F06 | 9417 | 2-6 | 0320 | Wed | Russian diplo/intel. Header: 11166 60146 00000 02065 03049 | FSK 200/1000 | (PY) |
| F06 | 13924 | 2-6 | 0700 | Wed | Russian diplo/intel. Header: 11166 70202 52197 01098 02539 | FSK 200/1000 | (AB) |
| F06 | 11474 | 2-6 | 0710 | Wed | Russian diplo/intel. Header: 11166 70202 52197 01098 02539 | FSK 200/1000 | (AB) |
| F06 | 9234 | 2-6 | 0720 | Wed | Russian diplo/intel. Header: 11166 70202 52197 01098 02539 | FSK 200/1000 | (AB) |
| F06 | 12226 | 2-6 | 1200 | Wed | Russian diplo/intel. Header: 11166 70202 52197 01098 02539 | FSK 200/1000 | (AB) |
| F06 | 10762 | 2-6 | 1210 | Wed | Russian diplo/intel. Header: 11166 70202 52197 01098 02539 | FSK 200/1000 | (AB) |
| F06 | 8191 | 2-6 | 1220 | Wed | Russian diplo/intel. Header: 11166 70202 52197 01098 02539 | FSK 200/1000 | (AB) |
| F06 | 13370 | 3-6 | 0200 | Thu | Russian diplo/intel. Header: 11166 60146 00000 03066 03149 | FSK 200/1000 | (PY) |
| F06 | 11538 | 3-6 | 0210 | Thu | Russian diplo/intel. Header: 11166 60146 00000 03066 03149 | FSK 200/1000 | (PY) |
| F06 | 10614 | 3-6 | 0220 | Thu | Russian diplo/intel. Header: 11166 60146 00000 03066 03149 | FSK 200/1000 | (PY) |
| F06 | 11563 | 3-6 | 0300 | Thu | Russian diplo/intel. Header: 11166 60146 00000 03066 03149 | FSK 200/1000 | (PY) |
| F06 | 10216 | 3-6 | 0310 | Thu | Russian diplo/intel. Header: 11166 60146 00000 03066 03149 | FSK 200/1000 | (PY) |
| F06 | 9417 | 3-6 | 0320 | Thu | Russian diplo/intel. Header: 11166 60146 00000 03066 03149 | FSK 200/1000 | (PY) |
| F06 | 13924 | 3-6 | 0700 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 02099 01099 and 11166 70202 36927 02001 02359 | FSK 200/1000 | (AB) |
| F06 | 11474 | 3-6 | 0710 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 02099 01099 and 11166 70202 36927 02001 02359 | FSK 200/1000 | (AB) |
| F06 | 9234 | 3-6 | 0720 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 02099 01099 and 11166 70202 36927 02001 02359 | FSK 200/1000 | (AB) |
| F06 | 12226 | 3-6 | 1200 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 02099 01099 and 11166 70202 36927 02001 02359 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10762 | 3-6 | 1210 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 02099 01099 and 11166 70202 36927 02001 02359 | FSK 200/1000 | (AB/MPJ) |
| F06 | 8191 | 3-6 | 1220 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 02099 01099 and 11166 70202 36927 02001 02359 | FSK 200/1000 | (AB/MPJ) |
| F06 | 14565 | 3-6 | 1330 | Thu | Russian diplo/intel. 11166 80214 14758 03014 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 12169 | 3-6 | 1340 | Thu | Russian diplo/intel. 11166 80214 14758 03014 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9981 | 3-6 | 1350 | Thu | Russian diplo/intel. 11166 80214 14758 03014 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 4-6 | 0200 | Fri | Russian diplo/intel. Header: 11166 60146 00000 04067 03079 | FSK 200/1000 | (PY) |
| F06 | 11538 | 4-6 | 0210 | Fri | Russian diplo/intel. Header: 11166 60146 00000 04067 03079 | FSK 200/1000 | (PY) |
| F06 | 10614 | 4-6 | 0220 | Fri | Russian diplo/intel. Header: 11166 60146 00000 04067 03079 | FSK 200/1000 | (PY) |
| F06 | 11563 | 4-6 | 0300 | Fri | Russian diplo/intel. Header: 11166 60146 00000 04067 03079 | FSK 200/1000 | (PY) |
| F06 | 10216 | 4-6 | 0310 | Fri | Russian diplo/intel. Header: 11166 60146 00000 04067 03079 | FSK 200/1000 | (PY) |
| F06 | 9417 | 4-6 | 0320 | Fri | Russian diplo/intel. Header: 11166 60146 00000 04067 03079 | FSK 200/1000 | (PY) |
| F06 | 13924 | 4-6 | 0700 | Fri | Russian diplo/intel. 11166 70202 65813 04083 00049 00000 00000 00000 0000 | FSK 200/1000 | (AB) |
| F06 | 11474 | 4-6 | 0712 | Fri | Russian diplo/intel. 11166 70202 65813 04083 00049 00000 00000 00000 0000 | FSK 200/1000 | (AB) |
| F06 | 9234 | 4-6 | 0740 | Fri | Russian diplo/intel. 11166 70202 65813 04083 00049 00000 00000 00000 0000 | FSK 200/1000 | (AB) |
| F06 | 19838 | 6-6 | 1530 | Sun | Russian diplo/intel. 11166 10053 45689 06021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 16238 | 6-6 | 1540 | Sun | Russian diplo/intel. 11166 10053 45689 06021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13546 | 6-6 | 1550 | Sun | Russian diplo/intel. 11166 10053 45689 06021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13370 | 7-6 | 0200 | Mon | Russian diplo/intel. Header: 11166 60146 00000 07068 03089 | FSK 200/1000 | (PY) |
| F06 | 11538 | 7-6 | 0210 | Mon | Russian diplo/intel. Header: 11166 60146 00000 07068 03089 | FSK 200/1000 | (PY) |
| F06 | 10614 | 7-6 | 0220 | Mon | Russian diplo/intel. Header: 11166 60146 00000 07068 03089 | FSK 200/1000 | (PY) |
| F06 | 11563 | 7-6 | 0300 | Mon | Russian diplo/intel. Header: 11166 60146 00000 07068 03089 | FSK 200/1000 | (PY) |

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|-----|-------|------|------|-----|---|--------------|----------|
| F06 | 10216 | 7-6 | 0310 | Mon | Russian diplo/intel. Header: 11166 60146 00000 07068 03089 | FSK 200/1000 | (PY) |
| F06 | 9417 | 7-6 | 0320 | Mon | Russian diplo/intel. Header: 11166 60146 00000 07068 03089 | FSK 200/1000 | (PY) |
| F06 | 13924 | 7-6 | 0700 | Mon | Russian diplo/intel. Header: 11166 70202 25498 04002 02879 | FSK 200/1000 | (AB) |
| F06 | 11474 | 7-6 | 0710 | Mon | Russian diplo/intel. Header: 11166 70202 25498 04002 02879 | FSK 200/1000 | (AB) |
| F06 | 9234 | 7-6 | 0720 | Mon | Russian diplo/intel. Header: 11166 70202 25498 04002 02879 | FSK 200/1000 | (AB) |
| F06 | 12226 | 7-6 | 1200 | Mon | Russian diplo/intel. Header: 11166 70202 25498 04002 02879 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10762 | 7-6 | 1210 | Mon | Russian diplo/intel. Header: 11166 70202 25498 04002 02879 | FSK 200/1000 | (AB/MPJ) |
| F06 | 8191 | 7-6 | 1220 | Mon | Russian diplo/intel. Header: 11166 70202 25498 04002 02879 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13370 | 8-6 | 0200 | Tue | Russian diplo/intel. Header: 11166 60146 00000 08069 02809 | FSK 200/1000 | (PY) |
| F06 | 11538 | 8-6 | 0210 | Tue | Russian diplo/intel. Header: 11166 60146 00000 08069 02809 | FSK 200/1000 | (PY) |
| F06 | 10614 | 8-6 | 0220 | Tue | Russian diplo/intel. Header: 11166 60146 00000 08069 02809 | FSK 200/1000 | (PY) |
| F06 | 11563 | 8-6 | 0300 | Tue | Russian diplo/intel. Header: 11166 60146 00000 08069 02809 | FSK 200/1000 | (PY) |
| F06 | 10216 | 8-6 | 0310 | Tue | Russian diplo/intel. Header: 11166 60146 00000 08069 02809 | FSK 200/1000 | (PY) |
| F06 | 9417 | 8-6 | 0320 | Tue | Russian diplo/intel. Header: 11166 60146 00000 08069 02809 | FSK 200/1000 | (PY) |
| F06 | 13924 | 8-6 | 0700 | Tue | Russian diplo/intel. Headers: 11166 70202 41087 07003 01219 and 11166 70202 68259 07004 02239 | FSK 200/1000 | (AB) |
| F06 | 11474 | 8-6 | 0710 | Tue | Russian diplo/intel. Headers: 11166 70202 41087 07003 01219 and 11166 70202 68259 07004 02239 | FSK 200/1000 | (AB) |
| F06 | 9234 | 8-6 | 0720 | Tue | Russian diplo/intel. Headers: 11166 70202 41087 07003 01219 and 11166 70202 68259 07004 02239 | FSK 200/1000 | (AB) |
| F06 | 12226 | 8-6 | 1200 | Tue | Russian diplo/intel. Headers: 11166 70202 41087 07003 01219 and 11166 70202 68259 07004 02239 | FSK 200/1000 | (AB) |
| F06 | 10762 | 8-6 | 1210 | Tue | Russian diplo/intel. Headers: 11166 70202 41087 07003 01219 and 11166 70202 68259 07004 02239 | FSK 200/1000 | (AB) |
| F06 | 8191 | 8-6 | 1220 | Tue | Russian diplo/intel. Headers: 11166 70202 41087 07003 01219 and 11166 70202 68259 07004 02239 | FSK 200/1000 | (AB) |
| F06 | 19936 | 8-6 | 1650 | Tue | Russian diplo/intel. 11166 10053 36921 08001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 16354 | 8-6 | 1700 | Tue | Russian diplo/intel. 11166 10053 36921 08001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13955 | 8-6 | 1710 | Tue | Russian diplo/intel. 11166 10053 36921 08001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 9-6 | 0200 | Wed | Russian diplo/intel. Header: 11166 60146 00000 09070 03129 | FSK 200/1000 | (PY) |
| F06 | 11538 | 9-6 | 0210 | Wed | Russian diplo/intel. Header: 11166 60146 00000 09070 03129 | FSK 200/1000 | (PY) |
| F06 | 10614 | 9-6 | 0220 | Wed | Russian diplo/intel. No decode available | FSK 200/1000 | (PY) |
| F06 | 11563 | 9-6 | 0300 | Wed | Russian diplo/intel. Header: 11166 60146 00000 09070 03139 Wrong group count | FSK 200/1000 | (PY) |
| F06 | 10216 | 9-6 | 0310 | Wed | Russian diplo/intel. Header: 11166 60146 00000 09070 03139 Wrong group count | FSK 200/1000 | (PY) |
| F06 | 9417 | 9-6 | 0320 | Wed | Russian diplo/intel. Header: 11166 60146 00000 09070 03139 Wrong group count | FSK 200/1000 | (PY) |
| F06 | 17512 | 9-6 | 0600 | Wed | Russian diplo/intel. Headers: 11166 40122 14589 05051 02609 and 11166 40122 62514 05052 03149 | FSK 200/1000 | (AB-RUS) |
| F06 | 15930 | 9-6 | 0610 | Wed | Russian diplo/intel. Headers: 11166 40122 14589 05051 02609 and 11166 40122 62514 05052 03149 | FSK 200/1000 | (AB-RUS) |
| F06 | 13503 | 9-6 | 0620 | Wed | Russian diplo/intel. Headers: 11166 40122 14589 05051 02609 and 11166 40122 62514 05052 03149 | FSK 200/1000 | (AB-RUS) |
| F06 | 13924 | 9-6 | 0700 | Wed | Russian diplo/intel. Header: 11166 70202 95627 08005 02379 | FSK 200/1000 | (AB) |
| F06 | 11474 | 9-6 | 0710 | Wed | Russian diplo/intel. Header: 11166 70202 95627 08005 02379 | FSK 200/1000 | (AB) |
| F06 | 9234 | 9-6 | 0720 | Wed | Russian diplo/intel. Header: 11166 70202 95627 08005 02379 | FSK 200/1000 | (AB) |
| F06 | 15609 | 9-6 | 0800 | Wed | Russian diplo/intel. Header: 11166 00052 78134 09086 01989 | FSK 200/1000 | (AB) |
| F06 | 13424 | 9-6 | 0810 | Wed | Russian diplo/intel. Header: 11166 00052 78134 09086 01989 | FSK 200/1000 | (AB) |
| F06 | 11516 | 9-6 | 0820 | Wed | Russian diplo/intel. Header: 11166 00052 78134 09086 01989 | FSK 200/1000 | (AB) |
| F06 | 12226 | 9-6 | 1200 | Wed | Russian diplo/intel. Headers: 11166 70202 95627 08005 02379 | FSK 200/1000 | (AB) |
| F06 | 10762 | 9-6 | 1210 | Wed | Russian diplo/intel. Headers: 11166 70202 95627 08005 02379 | FSK 200/1000 | (AB) |
| F06 | 8191 | 9-6 | 1220 | Wed | Russian diplo/intel. Headers: 11166 70202 95627 08005 02379 | FSK 200/1000 | (AB) |
| F06 | 13370 | 10-6 | 0200 | Thu | Russian diplo/intel. Header: 11166 60146 00000 10071 02569 | FSK 200/1000 | (PY) |

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|-----|-------|------|------|-----|---|--------------|----------|
| F06 | 11538 | 10-6 | 0210 | Thu | Russian diplo/intel. Header: 11166 60146 00000 10071 02569 | FSK 200/1000 | (PY) |
| F06 | 10614 | 10-6 | 0220 | Thu | Russian diplo/intel. Header: 11166 60146 00000 10071 02569 | FSK 200/1000 | (PY) |
| F06 | 11563 | 10-6 | 0300 | Thu | Russian diplo/intel. Header: 11166 60146 00000 10071 02569 | FSK 200/1000 | (PY) |
| F06 | 10216 | 10-6 | 0310 | Thu | Russian diplo/intel. Header: 11166 60146 00000 10071 02569 | FSK 200/1000 | (PY) |
| F06 | 9417 | 10-6 | 0320 | Thu | Russian diplo/intel. Header: 11166 60146 00000 10071 02569 | FSK 200/1000 | (PY) |
| F06 | 17512 | 10-6 | 0600 | Thu | Russian diplo/intel. Headers: 11166 40122 14589 05051 02609 and 11166 40122 62514 05052 03149 | FSK 200/1000 | (AB-RUS) |
| F06 | 15930 | 10-6 | 0610 | Thu | Russian diplo/intel. Headers: 11166 40122 14589 05051 02609 and 11166 40122 62514 05052 03149 | FSK 200/1000 | (AB-RUS) |
| F06 | 13503 | 10-6 | 0620 | Thu | Russian diplo/intel. Headers: 11166 40122 14589 05051 02609 and 11166 40122 62514 05052 03149 | FSK 200/1000 | (AB-RUS) |
| F06 | 13924 | 10-6 | 0700 | Thu | Russian diplo/intel. Headers: 11166 70202 62154 09006 01259 and 11166 70202 95217 09007 02259 | FSK 200/1000 | (AB) |
| F06 | 11474 | 10-6 | 0710 | Thu | Russian diplo/intel. Headers: 11166 70202 62154 09006 01259 and 11166 70202 95217 09007 02259 | FSK 200/1000 | (AB) |
| F06 | 9234 | 10-6 | 0720 | Thu | Russian diplo/intel. Headers: 11166 70202 62154 09006 01259 and 11166 70202 95217 09007 02259 | FSK 200/1000 | (AB) |
| F06 | 15609 | 10-6 | 0800 | Thu | Russian diplo/intel. Header: 11166 00052 78134 09086 01989 | FSK 200/1000 | (AB) |
| F06 | 13424 | 10-6 | 0810 | Thu | Russian diplo/intel. Header: 11166 00052 78134 09086 01989 | FSK 200/1000 | (AB) |
| F06 | 11516 | 10-6 | 0820 | Thu | Russian diplo/intel. Header: 11166 00052 78134 09086 01989 | FSK 200/1000 | (AB) |
| F06 | 12226 | 10-6 | 1200 | Thu | Russian diplo/intel. Headers: 11166 70202 62154 09006 01259 and 11166 70202 95217 09007 02259 | FSK 200/1000 | (AB) |
| F06 | 10762 | 10-6 | 1210 | Thu | Russian diplo/intel. Headers: 11166 70202 62154 09006 01259 and 11166 70202 95217 09007 02259 | FSK 200/1000 | (AB) |
| F06 | 8191 | 10-6 | 1220 | Thu | Russian diplo/intel. Headers: 11166 70202 62154 09006 01259 and 11166 70202 95217 09007 02259 | FSK 200/1000 | (AB) |
| F06 | 14565 | 10-6 | 1330 | Thu | Russian diplo/intel. 11166 80214 56328 10015 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 12169 | 10-6 | 1340 | Thu | Russian diplo/intel. 11166 80214 56328 10015 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9981 | 10-6 | 1350 | Thu | Russian diplo/intel. 11166 80214 56328 10015 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 11-6 | 0200 | Fri | Russian diplo/intel. Header: 11166 60146 00000 11072 03069 | FSK 200/1000 | (PY) |
| F06 | 11538 | 11-6 | 0210 | Fri | Russian diplo/intel. Header: 11166 60146 00000 11072 03069 | FSK 200/1000 | (PY) |
| F06 | 10614 | 11-6 | 0220 | Fri | Russian diplo/intel. Header: 11166 60146 00000 11072 03069 | FSK 200/1000 | (PY) |
| F06 | 11563 | 11-6 | 0300 | Fri | Russian diplo/intel. Wrong frequency off within a minute | FSK 200/1000 | (PY) |
| F06 | 11563 | 11-6 | 0300 | Fri | Russian diplo/intel. Header: 11166 60146 00000 11072 03069 | FSK 200/1000 | (PY) |
| F06 | 10216 | 11-6 | 0311 | Fri | Russian diplo/intel. Header: 11166 60146 00000 11072 03069 Late start | FSK 200/1000 | (PY) |
| F06 | 9417 | 11-6 | 0320 | Fri | Russian diplo/intel. Header: 11166 60146 00000 11072 03069 | FSK 200/1000 | (PY) |
| F06 | 13924 | 11-6 | 0700 | Fri | Russian diplo/intel. 11166 70202 15397 11021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 11474 | 11-6 | 0712 | Fri | Russian diplo/intel. 11166 70202 15397 11021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9234 | 11-6 | 0740 | Fri | Russian diplo/intel. 11166 70202 15397 11021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 19838 | 13-6 | 1530 | Sun | Russian diplo/intel. 11166 10053 78541 13001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 16238 | 13-6 | 1540 | Sun | Russian diplo/intel. 11166 10053 78541 13001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13546 | 13-6 | 1550 | Sun | Russian diplo/intel. 11166 10053 78541 13001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13924 | 14-6 | 0700 | Mon | Russian diplo/intel. Header: 11166 70202 56324 11008 02479 | FSK 200/1000 | (AB) |
| F06 | 11474 | 14-6 | 0710 | Mon | Russian diplo/intel. Header: 11166 70202 56324 11008 02479 | FSK 200/1000 | (AB) |
| F06 | 9234 | 14-6 | 0720 | Mon | Russian diplo/intel. Header: 11166 70202 56324 11008 02479 | FSK 200/1000 | (AB) |
| F06 | 12226 | 14-6 | 1200 | Mon | Russian diplo/intel. Headers: 11166 70202 56324 11008 02479 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10762 | 14-6 | 1210 | Mon | Russian diplo/intel. Headers: 11166 70202 56324 11008 02479 | FSK 200/1000 | (AB/MPJ) |
| F06 | 8191 | 14-6 | 1220 | Mon | Russian diplo/intel. Headers: 11166 70202 56324 11008 02479 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10247 | 15-6 | 0040 | Tue | Russian diplo/intel. 11166 60070 45689 15021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9171 | 15-6 | 0050 | Tue | Russian diplo/intel. 11166 60070 45689 15021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 15-6 | 0200 | Tue | Russian diplo/intel. Header: 11166 60146 00000 15073 02909 | FSK 200/1000 | (PY) |

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| F06 | 11538 | 15-6 | 0210 | Tue | Russian diplo/intel. Header: 11166 60146 00000 15073 02909 | FSK 200/1000 | (PY) |
| F06 | 10614 | 15-6 | 0220 | Tue | Russian diplo/intel. Header: 11166 60146 00000 15073 02909 | FSK 200/1000 | (PY) |
| F06 | 11563 | 15-6 | 0300 | Tue | Russian diplo/intel. Header: 11166 60146 00000 15073 02909 | FSK 200/1000 | (PY) |
| F06 | 10216 | 15-6 | 0310 | Tue | Russian diplo/intel. Header: 11166 60146 00000 15073 02909 | FSK 200/1000 | (PY) |
| F06 | 9417 | 15-6 | 0320 | Tue | Russian diplo/intel. Header: 11166 60146 00000 15073 02909 | FSK 200/1000 | (PY) |
| F06 | 13924 | 15-6 | 0700 | Tue | Russian diplo/intel. Headers: 11166 70202 15748 11009 01819 and 11166 70202 48126 11010 01999 | FSK 200/1000 | (AB) |
| F06 | 11474 | 15-6 | 0710 | Tue | Russian diplo/intel. Headers: 11166 70202 15748 11009 01819 and 11166 70202 48126 11010 01999 | FSK 200/1000 | (AB) |
| F06 | 9234 | 15-6 | 0720 | Tue | Russian diplo/intel. Headers: 11166 70202 15748 11009 01819 and 11166 70202 48126 11010 01999 | FSK 200/1000 | (AB) |
| F06 | 12226 | 15-6 | 1200 | Tue | Russian diplo/intel. Headers: 11166 70202 15748 11009 01819 and 11166 70202 48126 11010 01999 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10762 | 15-6 | 1210 | Tue | Russian diplo/intel. Headers: 11166 70202 15748 11009 01819 and 11166 70202 48126 11010 01999 | FSK 200/1000 | (AB/MPJ/RL) |
| F06 | 8191 | 15-6 | 1220 | Tue | Russian diplo/intel. Headers: 11166 70202 15748 11009 01819 and 11166 70202 48126 11010 01999 | FSK 200/1000 | (AB/MPJ) |
| F06 | 19936 | 15-6 | 1650 | Tue | Russian diplo/intel. 11166 10053 15973 15001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB-RUS) |
| F06 | 16354 | 15-6 | 1700 | Tue | Russian diplo/intel. 11166 10053 15973 15001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13955 | 15-6 | 1710 | Tue | Russian diplo/intel. 11166 10053 15973 15001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 16-6 | 0200 | Wed | Russian diplo/intel. Header: 11166 60146 00000 16074 02919 | FSK 200/1000 | (PY) |
| F06 | 11538 | 16-6 | 0210 | Wed | Russian diplo/intel. Header: 11166 60146 00000 16074 02919 | FSK 200/1000 | (PY) |
| F06 | 10614 | 16-6 | 0220 | Wed | Russian diplo/intel. Header: 11166 60146 00000 16074 02919 | FSK 200/1000 | (PY) |
| F06 | 11563 | 16-6 | 0300 | Wed | Russian diplo/intel. Header: 11166 60146 00000 16074 02919 Signal interruptions | FSK 200/1000 | (PY) |
| F06 | 10216 | 16-6 | 0310 | Wed | Russian diplo/intel. Header: 11166 60146 00000 16074 02919 | FSK 200/1000 | (PY) |
| F06 | 9417 | 16-6 | 0320 | Wed | Russian diplo/intel. Header: 11166 60146 00000 16074 02919 | FSK 200/1000 | (PY) |
| F06 | 17512 | 16-6 | 0600 | Wed | Russian diplo/intel. 11166 40122 89632 16059 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB-RUS) |
| F06 | 15930 | 16-6 | 0610 | Wed | Russian diplo/intel. 11166 40122 89632 16059 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB-RUS) |
| F06 | 13503 | 16-6 | 0620 | Wed | Russian diplo/intel. 11166 40122 89632 16059 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB-RUS) |
| F06 | 13924 | 16-6 | 0700 | Wed | Russian diplo/intel. Header: 11166 70202 14758 15011 02199 | FSK 200/1000 | (AB) |
| F06 | 11474 | 16-6 | 0710 | Wed | Russian diplo/intel. Header: 11166 70202 14758 15011 02199 | FSK 200/1000 | (AB) |
| F06 | 9234 | 16-6 | 0720 | Wed | Russian diplo/intel. Header: 11166 70202 14758 15011 02199 | FSK 200/1000 | (AB) |
| F06 | 12226 | 16-6 | 1200 | Wed | Russian diplo/intel. Headers: 11166 70202 14758 15011 02199 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10762 | 16-6 | 1210 | Wed | Russian diplo/intel. Headers: 11166 70202 14758 15011 02199 | FSK 200/1000 | (AB/MPJ) |
| F06 | 8191 | 16-6 | 1220 | Wed | Russian diplo/intel. Headers: 11166 70202 14758 15011 02199 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13370 | 17-6 | 0200 | Thu | Russian diplo/intel. Header: 11166 60146 00000 17075 02639 | FSK 200/1000 | (PY) |
| F06 | 11538 | 17-6 | 0210 | Thu | Russian diplo/intel. Carrier, then signal at 0211 UTC | FSK 200/1000 | (PY) |
| F06 | 10614 | 17-6 | 0220 | Thu | Russian diplo/intel. Header: 11166 60146 00000 17075 02639 Signal interruptions | FSK 200/1000 | (PY) |
| F06 | 11563 | 17-6 | 0300 | Thu | Russian diplo/intel. No transmission | FSK 200/1000 | (PY) |
| F06 | 10216 | 17-6 | 0315 | Thu | Russian diplo/intel. Header: 11166 60146 00000 17075 02639 Late start, signal going up mid-mes- sage, out at 0317z | FSK 200/1000 | (PY) |
| F06 | 9417 | 17-6 | 0320 | Thu | Russian diplo/intel. Header: 11166 60146 00000 17075 02639 | FSK 200/1000 | (PY) |
| F06 | 13924 | 17-6 | 0700 | Thu | Russian diplo/intel. Headers: 11166 70202 86241 16012 01579 and 11166 70202 52863 16013 02079 | FSK 200/1000 | (AB) |
| F06 | 11474 | 17-6 | 0710 | Thu | Russian diplo/intel. Headers: 11166 70202 86241 16012 01579 and 11166 70202 52863 16013 02079 | FSK 200/1000 | (AB) |
| F06 | 9234 | 17-6 | 0720 | Thu | Russian diplo/intel. Headers: 11166 70202 86241 16012 01579 and 11166 70202 52863 16013 02079 | FSK 200/1000 | (AB) |
| F06 | 12226 | 17-6 | 1200 | Thu | Russian diplo/intel. Headers: 11166 70202 86241 16012 01579 and 11166 70202 52863 16013 02079 | FSK 200/1000 | (AB/RL-HOL) |
| F06 | 10762 | 17-6 | 1210 | Thu | Russian diplo/intel. Headers: 11166 70202 86241 16012 01579 and 11166 70202 52863 16013 02079 | FSK 200/1000 | (AB) |
| F06 | 8191 | 17-6 | 1220 | Thu | Russian diplo/intel. Headers: 11166 70202 86241 16012 01579 and 11166 70202 52863 16013 02079 | FSK 200/1000 | (AB) |

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|-----|-------|------|------|-----|---|--------------|-----------------|
| F06 | 14565 | 17-6 | 1330 | Thu | Russian diplo/intel. 11166 80214 97635 17025 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 12169 | 17-6 | 1340 | Thu | Russian diplo/intel. 11166 80214 97635 17025 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 9981 | 17-6 | 1350 | Thu | Russian diplo/intel. 11166 80214 97635 17025 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ/RL-HOL) |
| F06 | 13370 | 18-6 | 0200 | Fri | Russian diplo/intel. Header: 11166 60146 00000 18076 02989 | FSK 200/1000 | (PY) |
| F06 | 11538 | 18-6 | 0210 | Fri | Russian diplo/intel. Header: 11166 60146 00000 18076 02989 | FSK 200/1000 | (PY) |
| F06 | 10614 | 18-6 | 0220 | Fri | Russian diplo/intel. Header: 11166 60146 00000 18076 02989 | FSK 200/1000 | (PY) |
| F06 | 11563 | 18-6 | 0300 | Fri | Russian diplo/intel. Header: 11166 60146 00000 18076 02989 | FSK 200/1000 | (PY) |
| F06 | 10216 | 18-6 | 0310 | Fri | Russian diplo/intel. Header: 11166 60146 00000 18076 02989 | FSK 200/1000 | (PY) |
| F06 | 9417 | 18-6 | 0320 | Fri | Russian diplo/intel. Header: 11166 60146 00000 18076 02989 | FSK 200/1000 | (PY) |
| F06 | 13924 | 18-6 | 0700 | Fri | Russian diplo/intel. 11166 70202 51469 18025 00049 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 11474 | 18-6 | 0712 | Fri | Russian diplo/intel. 11166 70202 51469 18025 00049 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9234 | 18-6 | 0740 | Fri | Russian diplo/intel. 11166 70202 51469 18025 00049 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 19838 | 20-6 | 1530 | Sun | Russian diplo/intel. 11166 10053 36912 20001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 16238 | 20-6 | 1540 | Sun | Russian diplo/intel. 11166 10053 36912 20001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13546 | 20-6 | 1550 | Sun | Russian diplo/intel. 11166 10053 36912 20001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 21-6 | 0200 | Mon | Russian diplo/intel. Header: 11166 60146 00000 21077 03009 | FSK 200/1000 | (PY) |
| F06 | 13370 | 21-6 | 0210 | Mon | Russian diplo/intel. Off at 0214 UTC | FSK 200/1000 | (PY) |
| F06 | 11538 | 21-6 | 0215 | Mon | Russian diplo/intel. Header: 11166 60146 00000 21077 03009 | FSK 200/1000 | (PY) |
| F06 | 11538 | 21-6 | 0220 | Mon | Russian diplo/intel. Off at 0222 UTC | FSK 200/1000 | (PY) |
| F06 | 10614 | 21-6 | 0223 | Mon | Russian diplo/intel. Header: 11166 60146 00000 21077 03009 | FSK 200/1000 | (PY) |
| F06 | 11563 | 21-6 | 0300 | Mon | Russian diplo/intel. Header: 11166 60146 00000 21077 03009 | FSK 200/1000 | (PY) |
| F06 | 10216 | 21-6 | 0310 | Mon | Russian diplo/intel. Header: 11166 60146 00000 21077 03009 | FSK 200/1000 | (PY) |
| F06 | 9417 | 21-6 | 0320 | Mon | Russian diplo/intel. Header: 11166 60146 00000 21077 03009 | FSK 200/1000 | (PY) |
| F06 | 8116 | 21-6 | 0400 | Mon | Russian diplo/intel. 11166 70059 26845 21001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 10943 | 21-6 | 0400 | Mon | Russian diplo/intel. 11166 70059 26845 21001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 12194 | 21-6 | 0400 | Mon | Russian diplo/intel. 11166 70059 26845 21001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13924 | 21-6 | 0700 | Mon | Russian diplo/intel. Header: 11166 70202 72635 18014 02279 | FSK 200/1000 | (AB) |
| F06 | 11474 | 21-6 | 0710 | Mon | Russian diplo/intel. Header: 11166 70202 72635 18014 02279 | FSK 200/1000 | (AB) |
| F06 | 9234 | 21-6 | 0720 | Mon | Russian diplo/intel. Header: 11166 70202 72635 18014 02279 | FSK 200/1000 | (AB) |
| F06 | 12226 | 21-6 | 1200 | Mon | Russian diplo/intel. Headers: 11166 70202 72635 18014 02279 | FSK 200/1000 | (AB) |
| F06 | 10762 | 21-6 | 1210 | Mon | Russian diplo/intel. Headers: 11166 70202 72635 18014 02279 | FSK 200/1000 | (AB) |
| F06 | 8191 | 21-6 | 1220 | Mon | Russian diplo/intel. Headers: 11166 70202 72635 18014 02279 | FSK 200/1000 | (AB) |
| F06 | 12135 | 22-6 | 0030 | Tue | Russian diplo/intel. 11166 60070 75364 22001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 10247 | 22-6 | 0040 | Tue | Russian diplo/intel. 11166 60070 75364 22001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9171 | 22-6 | 0050 | Tue | Russian diplo/intel. 11166 60070 75364 22001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 22-6 | 0200 | Tue | Russian diplo/intel. Header: 11166 60146 00000 22078 02739 | FSK 200/1000 | (PY) |
| F06 | 11538 | 22-6 | 0210 | Tue | Russian diplo/intel. Header: 11166 60146 00000 22078 02739 | FSK 200/1000 | (PY) |
| F06 | 10614 | 22-6 | 0220 | Tue | Russian diplo/intel. Header: 11166 60146 00000 22078 02739 | FSK 200/1000 | (PY) |
| F06 | 11563 | 22-6 | 0300 | Tue | Russian diplo/intel. Wrong freq. Out mid-message after block #8 at 0311 UTC | FSK 200/1000 | (PY) |
| F06 | 11563 | 22-6 | 0300 | Tue | Russian diplo/intel. Header: 11166 60146 00000 22078 02739 | FSK 200/1000 | (PY) |
| F06 | 10216 | 22-6 | 0312 | Tue | Russian diplo/intel. Idle carrier up for a few seconds then into F06 mid-message at block #38 | FSK 200/1000 | (PY) |
| F06 | 9417 | 22-6 | 0320 | Tue | Russian diplo/intel. Header: 11166 60146 00000 22078 02739 | FSK 200/1000 | (PY) |

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|-----|-------|------|------|-----|---|--------------|--------------|
| F06 | 13924 | 22-6 | 0700 | Tue | Russian diplo/intel. Headers: 11166 70202 31548 21015 01559 and 11166 70202 75698 21016 02059 | FSK 200/1000 | (AB) |
| F06 | 11474 | 22-6 | 0710 | Tue | Russian diplo/intel. Headers: 11166 70202 31548 21015 01559 and 11166 70202 75698 21016 02059 | FSK 200/1000 | (AB) |
| F06 | 9234 | 22-6 | 0720 | Tue | Russian diplo/intel. Headers: 11166 70202 31548 21015 01559 and 11166 70202 75698 21016 02059 | FSK 200/1000 | (AB) |
| F06 | 12226 | 22-6 | 1200 | Tue | Russian diplo/intel. Headers: 11166 70202 31548 21015 01559 and 11166 70202 75698 21016 02059 | FSK 200/1000 | (AB) |
| F06 | 10762 | 22-6 | 1210 | Tue | Russian diplo/intel. Headers: 11166 70202 31548 21015 01559 and 11166 70202 75698 21016 02059 | FSK 200/1000 | (AB) |
| F06 | 8191 | 22-6 | 1220 | Tue | Russian diplo/intel. Headers: 11166 70202 31548 21015 01559 and 11166 70202 75698 21016 02059 | FSK 200/1000 | (AB) |
| F06 | 19936 | 22-6 | 1650 | Tue | Russian diplo/intel. 11166 10053 45689 22021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB-RUS/MPJ) |
| F06 | 16354 | 22-6 | 1700 | Tue | Russian diplo/intel. 11166 10053 45689 22021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13955 | 22-6 | 1710 | Tue | Russian diplo/intel. 11166 10053 45689 22021 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13370 | 23-6 | 0200 | Wed | Russian diplo/intel. Header: 11166 60146 00000 23079 03679 | FSK 200/1000 | (PY) |
| F06 | 11538 | 23-6 | 0210 | Wed | Russian diplo/intel. Header: 11166 60146 00000 23079 03679 | FSK 200/1000 | (PY) |
| F06 | 10614 | 23-6 | 0220 | Wed | Russian diplo/intel. Header: 11166 60146 00000 23079 03679 | FSK 200/1000 | (PY) |
| F06 | 11563 | 23-6 | 0300 | Wed | Russian diplo/intel. Header: 11166 60146 00000 23079 03679 | FSK 200/1000 | (PY) |
| F06 | 10216 | 23-6 | 0310 | Wed | Russian diplo/intel. Header: 11166 60146 00000 23079 03679 | FSK 200/1000 | (PY) |
| F06 | 9417 | 23-6 | 0320 | Wed | Russian diplo/intel. Header: 11166 60146 00000 23079 03679 | FSK 200/1000 | (PY) |
| F06 | 17512 | 23-6 | 0600 | Wed | Russian diplo/intel. Header: 11166 40122 34587 19053 03369 | FSK 200/1000 | (AB-J) |
| F06 | 15930 | 23-6 | 0610 | Wed | Russian diplo/intel. Header: 11166 40122 34587 19053 03369 | FSK 200/1000 | (AB-KOR) |
| F06 | 13503 | 23-6 | 0620 | Wed | Russian diplo/intel. Header: 11166 40122 34587 19053 03369 | FSK 200/1000 | (AB-KOR) |
| F06 | 13924 | 23-6 | 0700 | Wed | Russian diplo/intel. Header: 11166 70202 97642 22017 02559 | FSK 200/1000 | (AB) |
| F06 | 11474 | 23-6 | 0710 | Wed | Russian diplo/intel. Header: 11166 70202 97642 22017 02559 | FSK 200/1000 | (AB) |
| F06 | 9234 | 23-6 | 0720 | Wed | Russian diplo/intel. Header: 11166 70202 97642 22017 02559 | FSK 200/1000 | (AB) |
| F06 | 15609 | 23-6 | 0800 | Wed | Russian diplo/intel. Header: 11166 00052 15476 23087 01959 | FSK 200/1000 | (AB) |
| F06 | 13424 | 23-6 | 0810 | Wed | Russian diplo/intel. Header: 11166 00052 15476 23087 01959 | FSK 200/1000 | (AB) |
| F06 | 11516 | 23-6 | 0820 | Wed | Russian diplo/intel. Header: 11166 00052 15476 23087 01959 | FSK 200/1000 | (AB) |
| F06 | 12226 | 23-6 | 1200 | Wed | Russian diplo/intel. Headers: 11166 70202 97642 22017 02559 | FSK 200/1000 | (AB) |
| F06 | 10762 | 23-6 | 1210 | Wed | Russian diplo/intel. Headers: 11166 70202 97642 22017 02559 | FSK 200/1000 | (AB) |
| F06 | 8191 | 23-6 | 1220 | Wed | Russian diplo/intel. Headers: 11166 70202 97642 22017 02559 | FSK 200/1000 | (AB) |
| F06 | 13370 | 24-6 | 0200 | Thu | Russian diplo/intel. Header: 11166 60146 00000 24080 02819 | FSK 200/1000 | (PY) |
| F06 | 11538 | 24-6 | 0210 | Thu | Russian diplo/intel. Header: 11166 60146 00000 24080 02819 | FSK 200/1000 | (PY) |
| F06 | 10614 | 24-6 | 0220 | Thu | Russian diplo/intel. Header: 11166 60146 00000 24080 02819 | FSK 200/1000 | (PY) |
| F06 | 11563 | 24-6 | 0300 | Thu | Russian diplo/intel. Header: 11166 60146 00000 24080 02819 | FSK 200/1000 | (PY) |
| F06 | 10216 | 24-6 | 0310 | Thu | Russian diplo/intel. Header: 11166 60146 00000 24080 02819 | FSK 200/1000 | (PY) |
| F06 | 9417 | 24-6 | 0320 | Thu | Russian diplo/intel. Header: 11166 60146 00000 24080 02819 | FSK 200/1000 | (PY) |
| F06 | 17512 | 24-6 | 0600 | Thu | Russian diplo/intel. Header: 11166 40122 34587 19053 03369 | FSK 200/1000 | (AB-J) |
| F06 | 15930 | 24-6 | 0610 | Thu | Russian diplo/intel. Header: 11166 40122 34587 19053 03369 | FSK 200/1000 | (AB-KOR) |
| F06 | 13503 | 24-6 | 0620 | Thu | Russian diplo/intel. Header: 11166 40122 34587 19053 03369 | FSK 200/1000 | (AB-KOR) |
| F06 | 13924 | 24-6 | 0700 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 23018 01699 and 11166 70202 36958 23019 01959 | FSK 200/1000 | (AB) |
| F06 | 11474 | 24-6 | 0710 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 23018 01699 and 11166 70202 36958 23019 01959 | FSK 200/1000 | (AB) |
| F06 | 9234 | 24-6 | 0720 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 23018 01699 and 11166 70202 36958 23019 01959 | FSK 200/1000 | (AB) |
| F06 | 15609 | 24-6 | 0800 | Thu | Russian diplo/intel. Header: 11166 00052 15476 23087 01959 | FSK 200/1000 | (AB) |
| F06 | 13424 | 24-6 | 0810 | Thu | Russian diplo/intel. Header: 11166 00052 15476 23087 01959 | FSK 200/1000 | (AB) |
| F06 | 11516 | 24-6 | 0820 | Thu | Russian diplo/intel. Header: 11166 00052 15476 23087 01959 | FSK 200/1000 | (AB) |

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|-----|-------|------|------|-----|---|--------------|----------|
| F06 | 12226 | 24-6 | 1200 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 23018 01699 and 11166 70202 36958 23019 01959 | FSK 200/1000 | (AB) |
| F06 | 10762 | 24-6 | 1210 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 23018 01699 and 11166 70202 36958 23019 01959 | FSK 200/1000 | (AB) |
| F06 | 8191 | 24-6 | 1220 | Thu | Russian diplo/intel. Headers: 11166 70202 14758 23018 01699 and 11166 70202 36958 23019 01959 | FSK 200/1000 | (AB) |
| F06 | 14565 | 24-6 | 1330 | Thu | Russian diplo/intel. 11166 80214 36958 24059 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 12169 | 24-6 | 1340 | Thu | Russian diplo/intel. 11166 80214 36958 24059 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9981 | 24-6 | 1350 | Thu | Russian diplo/intel. 11166 80214 36958 24059 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 25-6 | 0200 | Fri | Russian diplo/intel. Header: 11166 60146 00000 25081 02529 | FSK 200/1000 | (PY) |
| F06 | 11538 | 25-6 | 0210 | Fri | Russian diplo/intel. Header: 11166 60146 00000 25081 02529 | FSK 200/1000 | (PY) |
| F06 | 10614 | 25-6 | 0220 | Fri | Russian diplo/intel. Header: 11166 60146 00000 25081 02529 | FSK 200/1000 | (PY) |
| F06 | 11563 | 25-6 | 0300 | Fri | Russian diplo/intel. Header: 11166 60146 00000 25081 02529 | FSK 200/1000 | (PY) |
| F06 | 11563 | 25-6 | 0310 | Fri | Russian diplo/intel. Wrong frequency. No message. Off at 0312 UTC | FSK 200/1000 | (PY) |
| F06 | 10216 | 25-6 | 0312 | Fri | Russian diplo/intel. Header: 11166 60146 00000 25081 02529 | FSK 200/1000 | (PY) |
| F06 | 9417 | 25-6 | 0320 | Fri | Russian diplo/intel. Header: 11166 60146 00000 25081 02529 | FSK 200/1000 | (PY) |
| F06 | 13924 | 25-6 | 0700 | Fri | Russian diplo/intel. 11166 70202 91643 25091 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 11474 | 25-6 | 0712 | Fri | Russian diplo/intel. 11166 70202 91643 25091 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9234 | 25-6 | 0740 | Fri | Russian diplo/intel. 11166 70202 91643 25091 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 19838 | 27-6 | 1530 | Sun | Russian diplo/intel. 11166 10053 15973 27001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 16238 | 27-6 | 1540 | Sun | Russian diplo/intel. 11166 10053 15973 27001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13546 | 27-6 | 1550 | Sun | Russian diplo/intel. 11166 10053 15973 27001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB/MPJ) |
| F06 | 13370 | 28-6 | 0200 | Mon | Russian diplo/intel. Header: 11166 60146 00000 28082 03289 | FSK 200/1000 | (PY) |
| F06 | 11538 | 28-6 | 0210 | Mon | Russian diplo/intel. Header: 11166 60146 00000 28082 03289 | FSK 200/1000 | (PY) |
| F06 | 10614 | 28-6 | 0220 | Mon | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/1000 | (PY) |
| F06 | 11563 | 28-6 | 0300 | Mon | Russian diplo/intel. Header: 11166 60146 00000 28082 03289 | FSK 200/1000 | (PY) |
| F06 | 10216 | 28-6 | 0310 | Mon | Russian diplo/intel. Header: 11166 60146 00000 28082 03289 | FSK 200/1000 | (PY) |
| F06 | 9417 | 28-6 | 0320 | Mon | Russian diplo/intel. Header: 11166 60146 00000 28082 03289 | FSK 200/1000 | (PY) |
| F06 | 13924 | 28-6 | 0700 | Mon | Russian diplo/intel. Header: 11166 70202 36958 25020 02179 | FSK 200/1000 | (AB) |
| F06 | 11474 | 28-6 | 0710 | Mon | Russian diplo/intel. Header: 11166 70202 36958 25020 02179 | FSK 200/1000 | (AB) |
| F06 | 9234 | 28-6 | 0720 | Mon | Russian diplo/intel. Header: 11166 70202 36958 25020 02179 | FSK 200/1000 | (AB) |
| F06 | 12226 | 28-6 | 1200 | Mon | Russian diplo/intel. Headers: 11166 70202 36958 25020 02179 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10762 | 28-6 | 1210 | Mon | Russian diplo/intel. Headers: 11166 70202 36958 25020 02179 | FSK 200/1000 | (AB/MPJ) |
| F06 | 8191 | 28-6 | 1220 | Mon | Russian diplo/intel. Headers: 11166 70202 36958 25020 02179 | FSK 200/1000 | (AB/MPJ) |
| F06 | 12135 | 29-6 | 0030 | Tue | Russian diplo/intel. 11166 60070 21478 29001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 10247 | 29-6 | 0040 | Tue | Russian diplo/intel. 11166 60070 21478 29001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 9171 | 29-6 | 0050 | Tue | Russian diplo/intel. 11166 60070 21478 29001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 29-6 | 0200 | Tue | Russian diplo/intel. Header: 11166 60146 00000 29083 02919 | FSK 200/1000 | (PY) |
| F06 | 11538 | 29-6 | 0210 | Tue | Russian diplo/intel. Header: 11166 60146 00000 29083 02919 | FSK 200/1000 | (PY) |
| F06 | 10614 | 29-6 | 0220 | Tue | Russian diplo/intel. Header: 11166 60146 00000 29083 02919 | FSK 200/1000 | (PY) |
| F06 | 11563 | 29-6 | 0300 | Tue | Russian diplo/intel. Header: 11166 60146 00000 29083 02919 | FSK 200/1000 | (PY) |
| F06 | 10216 | 29-6 | 0310 | Tue | Russian diplo/intel. Header: 11166 60146 00000 29083 02919 | FSK 200/1000 | (PY) |
| F06 | 9417 | 29-6 | 0320 | Tue | Russian diplo/intel. Header: 11166 60146 00000 29083 02919 | FSK 200/1000 | (PY) |
| F06 | 13924 | 29-6 | 0700 | Tue | Russian diplo/intel. Headers: 11166 70202 82415 28021 01719 and 11166 70202 63957 28022 01839 | FSK 200/1000 | (AB) |
| F06 | 11474 | 29-6 | 0710 | Tue | Russian diplo/intel. Headers: 11166 70202 82415 28021 01719 and 11166 70202 63957 28022 01839 | FSK 200/1000 | (AB) |

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|-------------|-------|------|------|-----|---|--------------|-------------|
| F06 | 9234 | 29-6 | 0720 | Tue | Russian diplo/intel. Headers: 11166 70202 82415 28021 01719 and 11166 70202 63957 28022 01839 | FSK 200/1000 | (AB) |
| F06 | 12226 | 29-6 | 1200 | Tue | Russian diplo/intel. Headers: 11166 70202 82415 28021 01719 and 11166 70202 63957 28022 01839 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10762 | 29-6 | 1210 | Tue | Russian diplo/intel. Headers: 11166 70202 82415 28021 01719 and 11166 70202 63957 28022 01839 | FSK 200/1000 | (AB/MPJ) |
| F06 | 8191 | 29-6 | 1220 | Tue | Russian diplo/intel. Headers: 11166 70202 82415 28021 01719 and 11166 70202 63957 28022 01839 | FSK 200/1000 | (AB/MPJ) |
| F06 | 19936 | 29-6 | 1650 | Tue | Russian diplo/intel. 11166 10053 59146 29001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB-RUS) |
| F06 | 16354 | 29-6 | 1700 | Tue | Russian diplo/intel. 11166 10053 59146 29001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13955 | 29-6 | 1710 | Tue | Russian diplo/intel. 11166 10053 59146 29001 00049 00000 00000 00000 00000 | FSK 200/1000 | (AB) |
| F06 | 13370 | 30-6 | 0200 | Wed | Russian diplo/intel. Header: 11166 60146 00000 30084 02819 | FSK 200/1000 | (PY) |
| F06 | 11538 | 30-6 | 0210 | Wed | Russian diplo/intel. Header: 11166 60146 00000 30084 02819 | FSK 200/1000 | (PY) |
| F06 | 10614 | 30-6 | 0220 | Wed | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/1000 | (PY) |
| F06 | 11563 | 30-6 | 0300 | Wed | Russian diplo/intel. Header: 11166 60146 00000 30084 02819 | FSK 200/1000 | (PY) |
| F06 | 10216 | 30-6 | 0310 | Wed | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/1000 | (PY) |
| F06 | 9417 | 30-6 | 0320 | Wed | Russian diplo/intel. Dirty signal, no useful decode | FSK 200/1000 | (PY) |
| F06 | 13924 | 30-6 | 0700 | Wed | Russian diplo/intel. Header: 11166 70202 24863 29023 02139 | FSK 200/1000 | (AB) |
| F06 | 11474 | 30-6 | 0710 | Wed | Russian diplo/intel. Header: 11166 70202 24863 29023 02139 | FSK 200/1000 | (AB) |
| F06 | 9234 | 30-6 | 0720 | Wed | Russian diplo/intel. Header: 11166 70202 24863 29023 02139 | FSK 200/1000 | (AB) |
| F06 | 12226 | 30-6 | 1200 | Wed | Russian diplo/intel. Headers: 11166 70202 24863 29023 02139 | FSK 200/1000 | (AB/MPJ) |
| F06 | 10762 | 30-6 | 1210 | Wed | Russian diplo/intel. Headers: 11166 70202 24863 29023 02139 | FSK 200/1000 | (AB/MPJ) |
| F06 | 8191 | 30-6 | 1220 | Wed | Russian diplo/intel. Headers: 11166 70202 24863 29023 02139 | FSK 200/1000 | (AB/MPJ) |
| F06a | 19166 | 5-6 | 2100 | Sat | Russian diplo/intel. File 04471 (1024 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 16266 | 5-6 | 2115 | Sat | Russian diplo/intel. File 04471 (1024 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 14541 | 5-6 | 2130 | Sat | Russian diplo/intel. File 04471 (1024 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 19166 | 6-6 | 2100 | Sun | Russian diplo/intel. File 04471 (1024 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 16266 | 6-6 | 2115 | Sun | Russian diplo/intel. File 04471 (1024 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 14541 | 6-6 | 2130 | Sun | Russian diplo/intel. File 04471 (1024 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 7476 | 10-6 | 0400 | Thu | Russian diplo/intel. File 04478 (1120 bytes) | FSK 200/1000 | (AB) |
| F06a | 6855 | 10-6 | 0415 | Thu | Russian diplo/intel. File 04478 (1120 bytes) | FSK 200/1000 | (AB) |
| F06a | 5249 | 10-6 | 0430 | Thu | Russian diplo/intel. File 04478 (1120 bytes) | FSK 200/1000 | (AB) |
| F06a | 7476 | 11-6 | 0400 | Fri | Russian diplo/intel. File 04478 (1120 bytes) | FSK 200/1000 | (AB) |
| F06a | 6855 | 11-6 | 0415 | Fri | Russian diplo/intel. File 04478 (1120 bytes) | FSK 200/1000 | (AB) |
| F06a | 5249 | 11-6 | 0430 | Fri | Russian diplo/intel. File 04478 (1120 bytes) | FSK 200/1000 | (AB) |
| F06a | 19166 | 12-6 | 2100 | Sat | Russian diplo/intel. File 04472 (1090 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 16266 | 12-6 | 2115 | Sat | Russian diplo/intel. File 04472 (1090 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 14541 | 12-6 | 2130 | Sat | Russian diplo/intel. File 04472 (1090 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 19166 | 13-6 | 2100 | Sun | Russian diplo/intel. File 04472 (1090 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 16266 | 13-6 | 2115 | Sun | Russian diplo/intel. File 04472 (1090 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 14541 | 13-6 | 2130 | Sun | Russian diplo/intel. File 04472 (1090 bytes) | FSK 200/1000 | (AB-RUS/RL) |
| F06a | 7476 | 17-6 | 0400 | Thu | Russian diplo/intel. File 04479 (1152 bytes) | FSK 200/1000 | (AB) |
| F06a | 6855 | 17-6 | 0415 | Thu | Russian diplo/intel. File 04479 (1152 bytes) | FSK 200/1000 | (AB) |
| F06a | 5249 | 17-6 | 0430 | Thu | Russian diplo/intel. File 04479 (1152 bytes) | FSK 200/1000 | (AB) |
| F06a | 7476 | 18-6 | 0400 | Fri | Russian diplo/intel. File 04479 (1152 bytes) | FSK 200/1000 | (AB) |
| F06a | 6855 | 18-6 | 0415 | Fri | Russian diplo/intel. File 04479 (1152 bytes) | FSK 200/1000 | (AB) |

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|-------------|-------|------|------|-----|--|--------------|--------------|
| F06a | 5249 | 18-6 | 0430 | Fri | Russian diplo/intel. File 04479 (1152 bytes) | FSK 200/1000 | (AB) |
| F06a | 19166 | 19-6 | 2100 | Sat | Russian diplo/intel. File 04473 (1120 bytes) Stopped after 7 minutes | FSK 200/1000 | (AB-RUS) |
| F06a | 16266 | 19-6 | 2110 | Sat | Russian diplo/intel. File 04473 (1120 bytes) Started 5 minutes early and mid message. Stopped at 2112z. Proper transmission at 2115z | FSK 200/1000 | (AB-RUS) |
| F06a | 14541 | 19-6 | 2130 | Sat | Russian diplo/intel. File 04473 (1120 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 19166 | 20-6 | 2100 | Sun | Russian diplo/intel. File 04473 (1120 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 16266 | 20-6 | 2115 | Sun | Russian diplo/intel. File 04473 (1120 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 14541 | 20-6 | 2130 | Sun | Russian diplo/intel. File 04473 (1120 bytes) | FSK 200/1000 | (AB-RUS/RL) |
| F06a | 7476 | 24-6 | 0400 | Thu | Russian diplo/intel. File 04480 (1328 bytes) | FSK 200/1000 | (AB) |
| F06a | 6855 | 24-6 | 0415 | Thu | Russian diplo/intel. File 04480 (1328 bytes) | FSK 200/1000 | (AB) |
| F06a | 5249 | 24-6 | 0430 | Thu | Russian diplo/intel. File 04480 (1328 bytes) | FSK 200/1000 | (AB) |
| F06a | 7476 | 25-6 | 0400 | Fri | Russian diplo/intel. File 04480 (1328 bytes) | FSK 200/1000 | (AB) |
| F06a | 6855 | 25-6 | 0415 | Fri | Russian diplo/intel. File 04480 (1328 bytes) | FSK 200/1000 | (AB) |
| F06a | 5249 | 25-6 | 0430 | Fri | Russian diplo/intel. File 04480 (1328 bytes) | FSK 200/1000 | (AB) |
| F06a | 19166 | 26-6 | 2100 | Sat | Russian diplo/intel. File 04474 (816 bytes) | FSK 200/1000 | (AB-RUS) |
| F06a | 16266 | 26-6 | 2115 | Sat | Russian diplo/intel. File 04474 (816 bytes) | FSK 200/1000 | (AB-RUS/RL) |
| F06a | 14541 | 26-6 | 2130 | Sat | Russian diplo/intel. File 04474 (816 bytes) | FSK 200/1000 | (AB-RUS/RL) |
| F06a | 19166 | 27-6 | 2100 | Sun | Russian diplo/intel. File 04474 (816 bytes) | FSK 200/1000 | (AB-RUS/RL) |
| F06a | 16266 | 27-6 | 2115 | Sun | Russian diplo/intel. File 04474 (816 bytes) | FSK 200/1000 | (AB-RUS/RL) |
| F06a | 14541 | 27-6 | 2130 | Sun | Russian diplo/intel. File 04474 (816 bytes) | FSK 200/1000 | (AB-RUS/RL) |
| HM01 | 11530 | 1-6 | 1700 | Tue | 58641 83437 05302 88032 32803 22786 | AM/RDFT | (RR2) |
| HM01 | 16180 | 1-6 | 2059 | Tue | 58641 83437 05302 88032 32803 22786 | AM/RDFT | (RL) |
| HM01 | 17480 | 1-6 | 2159 | Tue | 58641 83437 05302 88032 32803 22786 | AM/RDFT | (RL) |
| HM01 | 11435 | 2-6 | 1628 | Wed | 58642 62371 05304 88034 32805 22788 | AM/RDFT | (RR2) |
| HM01 | 11635 | 3-6 | 1800 | Thu | 58643 62371 05305 88035 32806 22789 | AM/RDFT | (RR2) |
| HM01 | 16180 | 3-6 | 2107 | Thu | Started late with one second of RHC, then new groups 51643 62371 05305 88035 32806 22789 and RDFT | AM/RDFT | (HS) |
| HM01 | 11435 | 4-6 | 1600 | Fri | 58643 62371 05305 88035 32806 22789 (repeat of 3 June) | AM/RDFT | (RR2) |
| HM01 | 11530 | 5-6 | 1700 | Sat | 58643 62371 05305 88035 32806 22789 (repeat of 3 June) | AM/RDFT | (RR2) |
| HM01 | 11435 | 6-6 | 1630 | Sun | 58643 62371 05305 88035 32806 22789 (repeat of 3 June) | AM/RDFT | (RR2) |
| HM01 | 11530 | 7-6 | 1700 | Mon | 58644 62372 05306 88036 32807 11351 | AM/RDFT | (RR2) |
| HM01 | 11435 | 8-6 | 1600 | Tue | 58644 62372 05306 88036 32807 11351 (repeat of 7 June) | AM/RDFT | (RR2) |
| HM01 | 11530 | 8-6 | 1700 | Tue | 58644 62372 05306 88036 32807 11351 (repeat of 7 June) | AM/RDFT | (RR2) |
| HM01 | 17480 | 8-6 | 2157 | Tue | 58644 62372 05306 88036 32807 11351 (repeat of 7 June) | AM/RDFT | (RL) |
| HM01 | 11435 | 9-6 | 1630 | Wed | 58644 62372 05306 88036 32807 11351 (repeat of 7 June) | AM/RDFT | (RR2) |
| HM01 | 11635 | 15-6 | 1816 | Tue | 58649 62377 68843 52103 65383 11355 | AM/RDFT | (RR2) |
| HM01 | 17480 | 15-6 | 2158 | Tue | 58649 62377 68843 52103 65383 11355 | AM/RDFT | (RL) |
| HM01 | 11435 | 16-6 | 1630 | Wed | 58649 62377 68843 52103 65383 11355 (repeat of 15 June) | AM/RDFT | (RR2) |
| HM01 | 11435 | 17-6 | 1603 | Thu | Late start 74112 11741 68846 52106 65386 87741 Files 42187411.TXT 50721174.F1C 34776884.TXT 50325210.F1C 36136538.F1G 36858774.F1G | AM/RDFT | (AB-USA/RR2) |
| HM01 | 11435 | 17-6 | 1603 | Thu | 74112 11741 68846 52106 65386 87741 | AM/RDFT | (RR2) |
| HM01 | 11435 | 17-6 | 1628 | Thu | 47733â88342â44164â71864â33617â20801 | AM/RDFT | (RR2) |

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|------|-------|------|------|-----|--|---------|--------------|
| HM01 | 11530 | 17-6 | 1654 | Thu | 74112á11741á68846á52106á65386á87741 | AM/RDFT | (AB-USA) |
| HM01 | 16180 | 17-6 | 2103 | Thu | i.p. 74112 11741 68846 52106 65386 87741 | AM/RDFT | (RL) |
| HM01 | 11530 | 18-6 | 1600 | Fri | 74114 11742 68848 82281 65388 87742 | AM/RDFT | (RR2) |
| HM01 | 11530 | 18-6 | 1658 | Fri | 74114 11742 68848 82281 65388 87742 Files 42187411.TXT 50721174.F1C 34776884.TXT 36048228.F1G 36136538.F1G 36858774.F1G | AM/RDFT | (AB-USA) |
| HM01 | 10715 | 18-6 | 2200 | Fri | 74114 11742 68848 82281 65388 87742 | AM/RDFT | (RR2) |
| HM01 | 11435 | 19-6 | 1600 | Sat | No transmission | --- | (AB-USA) |
| HM01 | 11435 | 19-6 | 1630 | Sat | No transmission | --- | (AB-USA) |
| HM01 | 11530 | 19-6 | 1700 | Sat | No transmission | --- | (AB-USA) |
| HM01 | 11530 | 19-6 | 1730 | Sat | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (AB-USA) |
| HM01 | 11635 | 19-6 | 1800 | Sat | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (AB-USA) |
| HM01 | 11635 | 19-6 | 1835 | Sat | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) Late start | AM/RDFT | (AB-USA) |
| HM01 | 16180 | 19-6 | 2100 | Sat | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (RR2) |
| HM01 | 16180 | 19-6 | 2100 | Sat | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (AB-USA/RR2) |
| HM01 | 11435 | 20-6 | 1630 | Sun | Carrier only | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 20-6 | 1700 | Sun | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (AB-USA/RR2) |
| HM01 | 11530 | 20-6 | 1737 | Sun | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) Late start | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 21-6 | 1658 | Mon | 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (AB-USA/RR2) |
| HM01 | 11435 | 22-6 | 1606 | Tue | Late start 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 22-6 | 1642 | Tue | Late start 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 22-6 | 1658 | Tue | Late start 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 22-6 | 1723 | Tue | i.p. 74114 11742 68848 82281 65388 87742 (repeat of 18 June) | AM/RDFT | (RR2) |
| HM01 | 11435 | 23-6 | 1602 | Wed | Late start 74117 11745 11181 82283 71262 87745 Files 42187411.TXT 50721174.F1C 30161118.TXT 36048228.F1G 01667126.TXT 36858774.F1G | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 23-6 | 1638 | Wed | Late start. Started in mid message. 33181 11747 11183 82285 71264 87747 Files 10323318.TXT 50721174.F1C 30161118.TXT 36048228.F1G 01667126.TXT 36858774.F1G | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 23-6 | 1646 | Wed | Late start 74117 11745 11181 82283 71262 87745 | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 23-6 | 1657 | Wed | 74117 11745 11181 82283 71262 87745 Restart at 1710 UTC. Carrier from 17-33 till 1739 UTC, then off | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 24-6 | 1656 | Thu | 33181 11747 11183 82285 71264 87747 | AM/RDFT | (AB-USA) |
| HM01 | 11635 | 24-6 | 1828 | Thu | 74118 11746 11182 82284 71263 87746 | AM/RDFT | (RR2) |
| HM01 | 16180 | 24-6 | 2108 | Thu | 74118 11746 11182 82284 71263 87746 | AM/RDFT | (RR2) |
| HM01 | 11435 | 25-6 | 1610 | Fri | Late start 33181 87541 11184 82286 71265 28001 Files 10323318.TXT 77258754.TXT 30161118.TXT 36048228.F1G 01667126.TXT 58082800.TXT | AM/RDFT | (AB-USA/RR2) |
| HM01 | 11435 | 25-6 | 1627 | Fri | 33181 87541 11184 82286 71265 28001 | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 25-6 | 1658 | Fri | 33181 87541 11184 82286 71265 28001 | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 25-6 | 1727 | Fri | 33181 87541 11184 82286 71265 28001 | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 26-6 | 1600 | Sat | 33182 87541 11185 82287 71266 28001 Files 10323318.TXT 77258754.TXT 30161118.TXT 36048228.F1G 01667126.TXT 58082800.TXT | AM/RDFT | (AB-USA/RR2) |
| HM01 | 11435 | 26-6 | 1627 | Sat | 33182 87541 11185 82287 71266 28001 | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 26-6 | 1658 | Sat | 33182 87541 11185 82287 71266 28001 | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 27-6 | 1630 | Sun | 33183 87542 11186 82288 71267 28002 | AM/RDFT | (RR2) |

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|------|-------|------|------|-----|---|---------|------------------|
| HM01 | 11530 | 27-6 | 1728 | Sun | 33183 87542 11186 82288 71267 28002 Files 10323318.TXT 77258754.TXT 30161118.TXT 36048228.F1G 01667126.TXT 58082800.TXT | AM/RDFT | (AB-USA) |
| HM01 | 11635 | 27-6 | 1756 | Sun | 33183 87542 11186 82288 71267 28002 | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 28-6 | 1603 | Mon | Late start 33184 87543 11187 35221 56141 28003 Files 10323318.TXT 77258754.TXT 30161118.TXT 47133522.TXT 45535614.TXT 58082800.TXT | AM/RDFT | (AB-USA/RR2) |
| HM01 | 11435 | 28-6 | 1624 | Mon | Carrier till 1655 UTC | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 28-6 | 1656 | Mon | 33184 87543 11187 35221 56141 28003 | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 28-6 | 1718 | Mon | Carrier till 1753 UTC | AM/RDFT | (AB-USA) |
| HM01 | 11635 | 28-6 | 1803 | Mon | Late start 33184 87543 11187 35221 56141 28003 | AM/RDFT | (AB-USA) |
| HM01 | 11635 | 28-6 | 1828 | Mon | 33184 87543 11187 35221 56141 28003 | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 29-6 | 1600 | Tue | 33184 87543 11187 35221 56141 28003 (repeat of 28 June) | AM/RDFT | (RR2) |
| HM01 | 11530 | 29-6 | 1703 | Tue | i.p. 33184 87543 11187 35221 56141 28003 (repeat of 28 June) | AM/RDFT | (AB-USA) |
| HM01 | 11530 | 29-6 | 1728 | Tue | 33184 87543 11187 35221 56141 28003 (repeat of 28 June) | AM/RDFT | (AB-USA) |
| HM01 | 11435 | 30-6 | 1604 | Wed | i.p. 33185 87544 11188 35221 56141 28004 Files 10323318.TXT 77258754.TXT 30161118.TXT 47133522.TXT 45535614.TXT 58082800.TXT | AM/RDFT | (AB-USA/RR2) |
| M01 | 5280 | 1-6 | 1800 | Tue | 025 762 762 30 30 // 71810 90884 18102 ... 09740 45445 14991 // 762 762 30 30 000 | CW | (AB) |
| M01 | 4905 | 1-6 | 2000 | Tue | 025 788 788 30 30 // 41842 59567 98123 ... 50499 15165 00769 // 788 788 30 30 000 | CW | (AB) |
| M01 | 4905 | 3-6 | 2000 | Thu | 025 440 440 30 (long 0) 30 = = 50533 23653 35428 ... 59593 29932 00650 (?) = = 440 440 30 30 000 | CW | (MPJ-AUT) |
| M01 | 6435 | 5-6 | 1500 | Sat | 025 806 806 30 30 = = 37490 79672 81143 ... 99248 51685 26824 = = 806 806 30 30 000 | CW | (AB/MPJ) |
| M01 | 6780 | 6-6 | 0700 | Sun | 025 (long and short zero's used) 811 811 30 30 SK = = 5 59700 89665 14153 ... 33336 81927 42330 = = 811 811 30 30 000 Sent 29 groups | CW | (AB) |
| M01 | 4905 | 8-6 | 2000 | Tue | 025 461 641 30 30 = = 40087 69012 47795 ... 33361 53094 45981 461 461 30 30 = = 000 error in id | CW | (AB) |
| M01 | 4905 | 10-6 | 2000 | Thu | 025 749 749 30 30 = = 44399 52848 42742 ... 19319 53192 37583 = = 749 749 30 30 000 | CW | (AB) |
| M01 | 6435 | 12-6 | 1500 | Sat | 025 121 3 121 30 30 = = 16246 02571 19908 ... 70863 13712 35072 = = 121 121 30 30 000 | CW | (AB/F5JBR) |
| M01 | 6780 | 13-6 | 0700 | Sun | 025 178 178 30 30 = = 46477 55404 88590 ... 44395 10789 17586 = = 178 178 309 30 000 | CW | (AB) |
| M01 | 5280 | 15-6 | 1800 | Tue | 025 916 916 30 30 = = 70711 99451 19835 ... 34336 36086 76495 916 916 30 30 000 | CW | (AB-FIN/MPJ-HOL) |
| M01 | 4905 | 15-6 | 2000 | Tue | 025 951 951 30 30 = = 62970 33615 32931 ... 92179 28444 67933 = = 951 951 30 30 000 | CW | (AB) |
| M01 | 5280 | 17-6 | 1800 | Thu | 025 614 614 30 30 = = 03513 17461 27057 ... 69720 54577 16204 = = 614 614 30 30 000 | CW | (MPJ-AUT) |
| M01 | 4905 | 17-6 | 2000 | Thu | 025 409 409 30 30 = = 36939 71756 23416 ... 27458 80764 87964 = = 409 409 30 30 000 | CW | (AB) |
| M01 | 6780 | 20-6 | 0700 | Sun | 025 (too weak to copy) | CW | (AB-FIN) |
| M01 | 5280 | 22-6 | 1800 | Tue | 025 957 957 30 30 = = 28061 79109 11259 (?) ... 36690 80688 91427 (?) = = 957 957 30 30 000 | CW | (MPJ) |
| M01 | 5280 | 24-6 | 1800 | Thu | 025 too weak to copy | CW | (MPJ) |
| M01 | 4905 | 24-6 | 2000 | Thu | 025 556 556 30 30 = = 64402 59041 07877 ... 47686 18722 43776 = = 556 556 30 30 000 | CW | (AB) |
| M01 | 6780 | 27-6 | 0700 | Sun | 025 756 756 30 30 = = 433678 433267 24001 62465 ... 60414 60141 78964 37226 = = 756 756 30 30 000 Errors | CW | (AB-FIN) |
| M01 | 5280 | 29-6 | 1800 | Tue | 025 119 119 30 30 = = 46550 95829 32913 ... 44068 33576 69274 = = 119 119 30 30 000 | CW | (AB/MPL-POL) |
| M01a | 4980 | 10-6 | 0611 | Thu | 723 723 723 10623 10623 723 723 723 10782 10782 333 10767 10767 111 999 272 10 =12992 48795 ... 67228 27185 = 272 10 000 | CW | (F5JBR) |
| M01a | 4985 | 10-6 | 0635 | Thu | 412 412 421 57759 57759 333 57603 111 999 273 10 = 59119 99246 ... 33025 26225 = 273 10 000 111 000 | CW | (F5JBR) |
| M01a | 4917 | 10-6 | 0706 | Thu | 783 783 783 40320 40320 111 111 999 358 10 = 14230 86102 ... 95148 29351 = 358 10 111 = 358 10 = 14230 86102 ... | CW | (F5JBR) |

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|-------------|-------|------|------|-----|--|----|-------------|
| M01a | 4980 | 11-6 | 0603 | Fri | 111 999 328 30 = 5FG message = 328 30 111 18156 111 000 | CW | (F5JBR) |
| M12 | 14926 | 2-6 | 1600 | Wed | 944 944 944 000 | CW | (AB/MPJ) |
| M12 | 14426 | 2-6 | 1620 | Wed | 944 944 944 000 | CW | (AB/MPJ) |
| M12 | 12162 | 2-6 | 1710 | Wed | 546 546 546 1 5352 112 5352 112 04652 31821 88711 ... 78412 86647 27230 000 000 | CW | (AB) |
| M12 | 11566 | 2-6 | 1730 | Wed | 546 546 546 1 5352 112 5352 112 04652 31821 88711 ... 78412 86647 27230 000 000 | CW | (AB) |
| M12 | 10711 | 2-6 | 1750 | Wed | 546 546 546 1 5352 112 5352 112 04652 31821 88711 ... 78412 86647 27230 000 000 | CW | (AB) |
| M12 | 10223 | 2-6 | 2210 | Wed | 239 1 235 78 37440 91864 51567 03602 50939 ... 36813 28204 75899 07810 40734 000 000 | CW | (AB) |
| M12 | 9323 | 2-6 | 2230 | Wed | 239 1 235 78 37440 91864 51567 03602 50939 ... 36813 28204 75899 07810 40734 000 000 | CW | (AB) |
| M12 | 8023 | 2-6 | 2250 | Wed | 239 1 235 78 37440 91864 51567 03602 50939 ... 36813 28204 75899 07810 40734 000 000 | CW | (AB) |
| M12 | 13386 | 3-6 | 1100 | Thu | 725 725 725 1 ... | CW | (HFD) |
| M12 | 12162 | 3-6 | 1700 | Thu | 546 546 546 1 4046 105 4046 105 46090 08352 77992 ... 91921 02464 33476 000 000 | CW | (AB) |
| M12 | 11566 | 3-6 | 1720 | Thu | 546 546 546 1 4046 105 4046 105 46090 08352 77992 ... 91921 02464 33476 000 000 | CW | (AB) |
| M12 | 10711 | 3-6 | 1740 | Thu | 546 546 546 1 4046 105 4046 105 46090 08352 77992 ... 91921 02464 33476 000 000 | CW | (AB) |
| M12 | 12162 | 3-6 | 1800 | Thu | 546 546 556 1 4480 111 4480 111 33740 67682 53961 ... 31625 48489 89204 000 000 | CW | (AB) |
| M12 | 11566 | 3-6 | 1820 | Thu | 546 546 556 1 4480 111 4480 111 33740 67682 53961 ... 31625 48489 89204 000 000 | CW | (AB) |
| M12 | 10711 | 3-6 | 1840 | Thu | 546 546 556 1 4480 111 4480 111 33740 67682 53961 ... 31625 48489 89204 000 000 | CW | (AB) |
| M12 | 13892 | 3-6 | 2000 | Thu | 119 119 119 000 | CW | (AB/RL) |
| M12 | 14377 | 3-6 | 2000 | Thu | 371 371 371 1 7241 106 7241 106 24246 33866 53374 ... 84582 49499 34918 000 000 | CW | (AB/RL) |
| M12 | 13392 | 3-6 | 2020 | Thu | 119 119 119 000 | CW | (AB/RL) |
| M12 | 13461 | 3-6 | 2020 | Thu | 371 371 371 1 7241 106 7241 106 24246 33866 53374 ... 84582 49499 34918 000 000 | CW | (AB/RL) |
| M12 | 12114 | 3-6 | 2040 | Thu | 371 371 371 1 7241 106 7241 106 24246 33866 53374 ... 84582 49499 34918 000 000 | CW | (AB/RL) |
| M12 | 14493 | 3-6 | 2110 | Thu | 431 431 431 1 1065 93 1065 93 37703 39968 25231 ... 07412 83589 73688 000 000 | CW | (AB/ES/RL) |
| M12 | 13393 | 3-6 | 2130 | Thu | 431 431 431 1 1065 93 1065 93 37703 39968 25231 ... 07412 83589 73688 000 000 | CW | (AB/ES/RL) |
| M12 | 12193 | 3-6 | 2150 | Thu | 431 431 431 1 1065 93 1065 93 37703 39968 25231 ... 07412 83589 73688 000 000 | CW | (AB/ES/RL) |
| M12 | 11144 | 4-6 | 2100 | Fri | 153 153 153 1 289 134 289 134 62938 78948 28818 ... 56811 81373 78922 000 000 | CW | (AB/ES/RL) |
| M12 | 10544 | 4-6 | 2120 | Fri | 153 153 153 1 289 134 289 134 62938 78948 28818 ... 56811 81373 78922 000 000 | CW | (AB/ES/RL) |
| M12 | 9344 | 4-6 | 2140 | Fri | 153 153 153 1 289 134 289 134 62938 78948 28818 ... 56811 81373 78922 000 000 | CW | (AB/ES/RL) |
| M12 | 11144 | 5-6 | 2100 | Sat | 153 153 153 1 289 134 289 134 62938 78948 28818 ... 56811 81373 78922 000 000 | CW | (AB/ES) |
| M12 | 10544 | 5-6 | 2120 | Sat | 153 153 153 1 289 134 289 134 62938 78948 28818 ... 56811 81373 78922 000 000 | CW | (AB/ES) |
| M12 | 9344 | 5-6 | 2140 | Sat | 153 153 153 1 289 134 289 134 62938 78948 28818 ... 56811 81373 78922 000 000 | CW | (AB/ES) |
| M12 | 14926 | 6-6 | 1600 | Sun | 944 944 944 000 | CW | (AB/ES) |
| M12 | 14426 | 6-6 | 1620 | Sun | 944 944 944 000 | CW | (AB/ES) |
| M12 | 13892 | 7-6 | 2000 | Mon | 119 119 119 1 1593 79 1593 79 74129 06110 35029 ... 83826 51912 95079 000 000 | CW | (AB/RL/HFD) |
| M12 | 13392 | 7-6 | 2020 | Mon | 119 119 119 1 1593 79 1593 79 74129 06110 35029 ... 83826 51912 95079 000 000 | CW | (AB/RL/HFD) |
| M12 | 11592 | 7-6 | 2040 | Mon | 119 119 119 1 1593 79 1593 79 74129 06110 35029 ... 83826 51912 95079 000 000 | CW | (AB/RL/HFD) |
| M12 | 14493 | 7-6 | 2110 | Mon | 431 431 431 000 | CW | (AB/RL) |
| M12 | 13393 | 7-6 | 2130 | Mon | 431 431 431 000 | CW | (AB/RL) |
| M12 | 14581 | 8-6 | 0700 | Tue | 541 541 541 1 198 98 198 98 23111 87648 38646 ... 36561 76409 46641 000 000 | CW | (AB-RUS) |
| M12 | 13481 | 8-6 | 0720 | Tue | 541 541 541 1 198 98 198 98 23111 87648 38646 ... 36561 76409 46641 000 000 | CW | (AB-RUS) |
| M12 | 12181 | 8-6 | 0740 | Tue | 541 541 541 1 198 98 198 98 23111 87648 38646 ... 36561 76409 46641 000 000 | CW | (AB-RUS) |
| M12 | 14926 | 9-6 | 1600 | Wed | 944 944 944 1 517 51 517 51 95591 59898 17136 ... 79076 67484 17539 000 000 | CW | (AB) |
| M12 | 14426 | 9-6 | 1620 | Wed | 944 944 944 1 517 51 517 51 95591 59898 17136 ... 79076 67484 17539 000 000 | CW | (AB) |

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|-----|-------|------|------|-----|---|----|-------------|
| M12 | 13426 | 9-6 | 1640 | Wed | 944 944 944 1 517 51 517 51 95591 59898 17136 ... 79076 67484 17539 000 000 | CW | (AB) |
| M12 | 12162 | 9-6 | 1710 | Wed | 546 546 546 1 3528 106 3528 106 57350 11168 42874 ... 33722 49160 65374 000 000 | CW | (AB) |
| M12 | 11566 | 9-6 | 1730 | Wed | 546 546 546 1 3528 106 3528 106 57350 11168 42874 ... 33722 49160 65374 000 000 | CW | (AB) |
| M12 | 10711 | 9-6 | 1750 | Wed | 546 546 546 1 3528 106 3528 106 57350 11168 42874 ... 33722 49160 65374 000 000 | CW | (AB) |
| M12 | 12162 | 10-6 | 1700 | Thu | 546 546 546 1 1667 108 1667 108 63233 87952 24653 ... 55925 96116 44775 000 000 | CW | (AB) |
| M12 | 11566 | 10-6 | 1720 | Thu | 546 546 546 1 1667 108 1667 108 63233 87952 24653 ... 55925 96116 44775 000 000 | CW | (AB) |
| M12 | 10711 | 10-6 | 1740 | Thu | 546 546 546 1 1667 108 1667 108 63233 87952 24653 ... 55925 96116 44775 000 000 | CW | (AB) |
| M12 | 12162 | 10-6 | 1800 | Thu | 546 546 546 1 5181 104 5181 104 21117 22907 28580 ... 37160 51710 93232 000 000 | CW | (AB) |
| M12 | 11566 | 10-6 | 1820 | Thu | 546 546 546 1 5181 104 5181 104 21117 22907 28580 ... 37160 51710 93232 000 000 | CW | (AB) |
| M12 | 10711 | 10-6 | 1840 | Thu | 546 546 546 1 5181 104 5181 104 21117 22907 28580 ... 37160 51710 93232 000 000 | CW | (AB) |
| M12 | 13892 | 10-6 | 2000 | Thu | 119 119 119 1 1593 79 1593 79 74129 06110 35029 ... 83826 51912 95079 000 000 | CW | (AB/RL) |
| M12 | 14377 | 10-6 | 2000 | Thu | 317 317 317 1 8107 102 8107 102 80253 11667 97575 ... 02998 44013 83048 000 000 | CW | (AB) |
| M12 | 13392 | 10-6 | 2020 | Thu | 119 119 119 1 1593 79 1593 79 74129 06110 35029 ... 83826 51912 95079 000 000 | CW | (AB/RL) |
| M12 | 13461 | 10-6 | 2020 | Thu | 317 317 317 1 8107 102 8107 102 80253 11667 97575 ... 02998 44013 83048 000 000 | CW | (AB) |
| M12 | 11592 | 10-6 | 2040 | Thu | 119 119 119 1 1593 79 1593 79 74129 06110 35029 ... 83826 51912 95079 000 000 | CW | (AB/RL) |
| M12 | 12114 | 10-6 | 2040 | Thu | 317 317 317 1 8107 102 8107 102 80253 11667 97575 ... 02998 44013 83048 000 000 | CW | (AB) |
| M12 | 14493 | 10-6 | 2110 | Thu | 431 431 431 000 | CW | (AB/RL/HFD) |
| M12 | 13393 | 10-6 | 2130 | Thu | 431 431 431 000 | CW | (AB/RL/HFD) |
| M12 | 11144 | 11-6 | 2100 | Fri | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB/RL/HFD) |
| M12 | 10544 | 11-6 | 2120 | Fri | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB/RL/HFD) |
| M12 | 9344 | 11-6 | 2140 | Fri | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB/RL/HFD) |
| M12 | 11144 | 12-6 | 2100 | Sat | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB) |
| M12 | 10544 | 12-6 | 2120 | Sat | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB) |
| M12 | 9344 | 12-6 | 2140 | Sat | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB) |
| M12 | 10223 | 12-6 | 2210 | Sat | 239 239 239 1 ... | CW | (HFD) |
| M12 | 9323 | 12-6 | 2230 | Sat | 239 239 239 1 ... | CW | (HFD) |
| M12 | 8023 | 12-6 | 2250 | Sat | 239 239 239 1 ... | CW | (HFD) |
| M12 | 14926 | 13-6 | 1600 | Sun | 944 944 944 1 517 51 517 51 95591 59898 17136 ... 79076 67484 17539 000 000 | CW | (AB/HFD) |
| M12 | 14426 | 13-6 | 1620 | Sun | 944 944 944 1 517 51 517 51 95591 59898 17136 ... 79076 67484 17539 000 000 | CW | (AB/HFD) |
| M12 | 13426 | 13-6 | 1640 | Sun | 944 944 944 1 517 51 517 51 95591 59898 17136 ... 79076 67484 17539 000 000 | CW | (AB/HFD) |
| M12 | 13892 | 14-6 | 2000 | Mon | 119 119 119 000 | CW | (AB/RL) |
| M12 | 13392 | 14-6 | 2020 | Mon | 119 119 119 000 | CW | (AB/RL) |
| M12 | 14493 | 14-6 | 2110 | Mon | 431 431 431 1 6980 77 6980 77 39733 61093 97701 ... 94103 92194 45927 000 000 | CW | (AB/RL) |
| M12 | 13393 | 14-6 | 2130 | Mon | 431 431 431 1 6980 77 6980 77 39733 61093 97701 ... 94103 92194 45927 000 000 | CW | (AB/RL) |
| M12 | 12193 | 14-6 | 2150 | Mon | 431 431 431 1 6980 77 6980 77 39733 61093 97701 ... 94103 92194 45927 000 000 | CW | (AB/RL) |
| M12 | 7857 | 15-6 | 0030 | Tue | 814 814 814 1 ... | CW | (HFD) |
| M12 | 9157 | 15-6 | 0050 | Tue | 814 814 814 1 ... | CW | (HFD) |
| M12 | 10457 | 15-6 | 0110 | Tue | 814 814 814 1 ... | CW | (HFD) |
| M12 | 9317 | 15-6 | 0530 | Tue | 135 135 135 1 6128 112 6128 112 25630 33210 40431 ... 98855 40806 22100 000 000 | CW | (AB) |
| M12 | 10484 | 15-6 | 0550 | Tue | 135 135 135 1 6128 112 6128 112 25630 33210 40431 ... 98855 40806 22100 000 000 | CW | (AB) |
| M12 | 11552 | 15-6 | 0610 | Tue | 135 135 135 1 6128 112 6128 112 25630 33210 40431 ... 98855 40806 22100 000 000 | CW | (AB) |
| M12 | 14581 | 15-6 | 0700 | Tue | 541 541 541 1 6906 104 6906 104 36909 85948 41893 ... 2 95468 29166 41392 000 000 | CW | (AB-RUS) |

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| M12 | 13481 | 15-6 | 0720 | Tue | 541 541 541 1 6906 104 6906 104 36909 85948 41893 ...2 95468 29166 41392 000 000 | CW | (AB-RUS) |
| M12 | 12181 | 15-6 | 0740 | Tue | 541 541 541 1 6906 104 6906 104 36909 85948 41893 ...2 95468 29166 41392 000 000 | CW | (AB-RUS) |
| M12 | 14926 | 16-6 | 1600 | Wed | 944 944 944 000 | CW | (AB/MPJ) |
| M12 | 14426 | 16-6 | 1620 | Wed | 944 944 944 000 | CW | (AB/MPJ) |
| M12 | 12162 | 16-6 | 1710 | Wed | 546 546 546 1 4100 107 4100 107 99182 62785 10532 ... 17108 54816 91912 000 000 | CW | (AB) |
| M12 | 11566 | 16-6 | 1730 | Wed | 546 546 546 1 4100 107 4100 107 99182 62785 10532 ... 17108 54816 91912 000 000 | CW | (AB) |
| M12 | 10711 | 16-6 | 1750 | Wed | 546 546 546 1 4100 107 4100 107 99182 62785 10532 ... 17108 54816 91912 000 000 | CW | (AB) |
| M12 | 10223 | 16-6 | 2210 | Wed | 239 239 239 1 186 74 186 74 59149 29603 02321 ... 58237 24755 68763 000 000 | CW | (AB) |
| M12 | 9323 | 16-6 | 2230 | Wed | 239 239 239 1 186 74 186 74 59149 29603 02321 ... 58237 24755 68763 000 000 | CW | (AB/RL) |
| M12 | 8023 | 16-6 | 2250 | Wed | 239 239 239 1 186 74 186 74 59149 29603 02321 ... 58237 24755 68763 000 000 | CW | (AB/RL) |
| M12 | 14581 | 17-6 | 0700 | Thu | 541 541 541 1 6906 104 6906 104 36909 85948 41893 ...2 95468 29166 41392 000 000 | CW | (AB-RUS/HFD) |
| M12 | 13481 | 17-6 | 0720 | Thu | 541 541 541 1 6906 104 6906 104 36909 85948 41893 ...2 95468 29166 41392 000 000 | CW | (AB-RUS/HFD) |
| M12 | 12181 | 17-6 | 0740 | Thu | 541 541 541 1 6906 104 6906 104 36909 85948 41893 ...2 95468 29166 41392 000 000 | CW | (AB-RUS/HFD) |
| M12 | 12162 | 17-6 | 1700 | Thu | 546 546 546 1 6137 109 6137 109 49759 70885 09372 ... 17342 55390 17877 000 000 | CW | (AB) |
| M12 | 11566 | 17-6 | 1720 | Thu | 546 546 546 1 6137 109 6137 109 49759 70885 09372 ... 17342 55390 17877 000 000 | CW | (AB) |
| M12 | 10711 | 17-6 | 1740 | Thu | 546 546 546 1 6137 109 6137 109 49759 70885 09372 ... 17342 55390 17877 000 000 | CW | (AB) |
| M12 | 12162 | 17-6 | 1800 | Thu | 546 546 546 1 4990 108 4990 108 89523 81226 30387 ... 79897 99254 41144 000 000 | CW | (AB) |
| M12 | 11566 | 17-6 | 1820 | Thu | 546 546 546 1 4990 108 4990 108 89523 81226 30387 ... 79897 99254 41144 000 000 | CW | (AB) |
| M12 | 10711 | 17-6 | 1840 | Thu | 546 546 546 1 4990 108 4990 108 89523 81226 30387 ... 79897 99254 41144 000 000 | CW | (AB) |
| M12 | 13892 | 17-6 | 2000 | Thu | 119 119 119 000 | CW | (AB/RL) |
| M12 | 14377 | 17-6 | 2000 | Thu | 317 317 317 1 2871 109 2871 109 68564 86615 37812 ... 46007 81805 35737 000 0000 | CW | (AB) |
| M12 | 13392 | 17-6 | 2020 | Thu | 119 119 119 000 | CW | (AB/RL) |
| M12 | 13461 | 17-6 | 2020 | Thu | 317 317 317 1 2871 109 2871 109 68564 86615 37812 ... 46007 81805 35737 000 0000 | CW | (AB) |
| M12 | 12114 | 17-6 | 2040 | Thu | 317 317 317 1 2871 109 2871 109 68564 86615 37812 ... 46007 81805 35737 000 0000 | CW | (AB) |
| M12 | 14493 | 17-6 | 2110 | Thu | 431 431 431 1 6980 77 6980 77 39733 61093 97701 ... 94103 92194 45927 000 000 | CW | (AB) |
| M12 | 13393 | 17-6 | 2130 | Thu | 431 431 431 1 6980 77 6980 77 39733 61093 97701 ... 94103 92194 45927 000 000 | CW | (AB/RL) |
| M12 | 12193 | 17-6 | 2150 | Thu | 431 431 431 1 6980 77 6980 77 39733 61093 97701 ... 94103 92194 45927 000 000 | CW | (AB/RL) |
| M12 | 7857 | 18-6 | 0030 | Fri | 814 814 814 1 328 72 328 72 51966 97256 71929 ... 33128 71563 69874 000 000 | CW | (AB) |
| M12 | 9157 | 18-6 | 0050 | Fri | 814 814 814 1 328 72 328 72 51966 97256 71929 ... 33128 71563 69874 000 000 | CW | (AB) |
| M12 | 10457 | 18-6 | 0110 | Fri | 814 814 814 1 328 72 328 72 51966 97256 71929 ... 33128 71563 69874 000 000 | CW | (AB) |
| M12 | 11144 | 18-6 | 2100 | Fri | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB) |
| M12 | 10544 | 18-6 | 2120 | Fri | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB) |
| M12 | 9344 | 18-6 | 2140 | Fri | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB) |
| M12 | 11144 | 19-6 | 2100 | Sat | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB/RL) |
| M12 | 10544 | 19-6 | 2120 | Sat | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB/RL) |
| M12 | 9344 | 19-6 | 2140 | Sat | 153 153 153 1 7830 152 7830 152 37767 81361 01343 ... 08625 13170 19617 000 000 | CW | (AB/RL) |
| M12 | 10223 | 19-6 | 2210 | Sat | 239 239 239 1 186 74 186 74 59149 29603 02321 ... 58237 24755 68763 000 000 | CW | (RL) |
| M12 | 9323 | 19-6 | 2230 | Sat | 239 239 239 1 186 74 186 74 59149 29603 02321 ... 58237 24755 68763 000 000 | CW | (RL) |
| M12 | 8023 | 19-6 | 2250 | Sat | 239 239 239 1 186 74 186 74 59149 29603 02321 ... 58237 24755 68763 000 000 | CW | (RL) |
| M12 | 14926 | 20-6 | 1600 | Sun | 944 944 944 000 | CW | (AB) |
| M12 | 14426 | 20-6 | 1620 | Sun | 944 944 944 000 | CW | (AB) |
| M12 | 13892 | 21-6 | 2000 | Mon | 119 119 119 1 1560 93 1560 93 83697 54285 49279 ... 88834 26345 85934 000 000 | CW | (AB) |

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| M12 | 13392 | 21-6 | 2020 | Mon | 119 119 119 1 1560 93 1560 93 83697 54285 49279 ... 88834 26345 85934 000 000 | CW | (AB) |
| M12 | 11592 | 21-6 | 2040 | Mon | 119 119 119 1 1560 93 1560 93 83697 54285 49279 ... 88834 26345 85934 000 000 | CW | (AB) |
| M12 | 14493 | 21-6 | 2110 | Mon | 431 431 431 000 | CW | (AB) |
| M12 | 13393 | 21-6 | 2130 | Mon | 431 431 431 000 | CW | (AB) |
| M12 | 7857 | 22-6 | 0030 | Tue | 814 814 814 000 | CW | (AB) |
| M12 | 9157 | 22-6 | 0050 | Tue | 814 814 814 000 | CW | (AB) |
| M12 | 9317 | 22-6 | 0530 | Tue | 135 135 135 1 1486 112 1486 112 38078 50335 40685 ... 49425 66847 41870 000 000 | CW | (AB) |
| M12 | 10484 | 22-6 | 0550 | Tue | 135 135 135 1 1486 112 1486 112 38078 50335 40685 ... 49425 66847 41870 000 000 | CW | (AB) |
| M12 | 11552 | 22-6 | 0610 | Tue | 135 135 135 1 1486 112 1486 112 38078 50335 40685 ... 49425 66847 41870 000 000 | CW | (AB) |
| M12 | 14581 | 22-6 | 0700 | Tue | 541 541 541 1 9058 106 9058 106 90005 61689 30819 ... 89005 64447 87066 000 000 | CW | (AB-J) |
| M12 | 13481 | 22-6 | 0720 | Tue | 541 541 541 1 9058 106 9058 106 90005 61689 30819 ... 89005 64447 87066 000 000 | CW | (AB-J) |
| M12 | 12181 | 22-6 | 0740 | Tue | 541 541 541 1 9058 106 9058 106 90005 61689 30819 ... 89005 64447 87066 000 000 | CW | (AB-J) |
| M12 | 14926 | 23-6 | 1600 | Wed | 944 944 944 1 4400 67 4400 67 31742 20142 99424 ... 47231 73348 47074 000 000 | CW | (AB) |
| M12 | 14426 | 23-6 | 1620 | Wed | 944 944 944 1 4400 67 4400 67 31742 20142 99424 ... 47231 73348 47074 000 000 | CW | (AB) |
| M12 | 13426 | 23-6 | 1640 | Wed | 944 944 944 1 4400 67 4400 67 31742 20142 99424 ... 47231 73348 47074 000 000 | CW | (AB) |
| M12 | 12162 | 23-6 | 1710 | Wed | 546 546 546 1 9280 104 9280 104 98573 32790 47725 ... 24159 87469 72290 000 000 | CW | (AB) |
| M12 | 11566 | 23-6 | 1730 | Wed | 546 546 546 1 9280 104 9280 104 98573 32790 47725 ... 24159 87469 72290 000 000 | CW | (AB) |
| M12 | 10711 | 23-6 | 1750 | Wed | 546 546 546 1 9280 104 9280 104 98573 32790 47725 ... 24159 87469 72290 000 000 | CW | (AB) |
| M12 | 10223 | 23-6 | 2210 | Wed | 239 239 239 1 3200 46 3200 46 58059 83506 20031 ... 55487 99612 37317 000 000 | CW | (AB/RL) |
| M12 | 9323 | 23-6 | 2230 | Wed | 239 239 239 1 3200 46 3200 46 58059 83506 20031 ... 55487 99612 37317 000 000 | CW | (AB/RL) |
| M12 | 8023 | 23-6 | 2250 | Wed | 239 239 239 1 3200 46 3200 46 58059 83506 20031 ... 55487 99612 37317 000 000 | CW | (AB/RL) |
| M12 | 14581 | 24-6 | 0700 | Thu | 541 541 541 1 9058 106 9058 106 90005 61689 30819 ... 89005 64447 87066 000 000 | CW | (AB-J) |
| M12 | 13481 | 24-6 | 0720 | Thu | 541 541 541 1 9058 106 9058 106 90005 61689 30819 ... 89005 64447 87066 000 000 | CW | (AB-J) |
| M12 | 12181 | 24-6 | 0740 | Thu | 541 541 541 1 9058 106 9058 106 90005 61689 30819 ... 89005 64447 87066 000 000 | CW | (AB-J) |
| M12 | 13386 | 24-6 | 1110 | Thu | 725 725 725 1 5488 96 5488 96 05290 80322 26904 ... 63926 02681 75963 000 000 | CW | (AB) |
| M12 | 12189 | 24-6 | 1130 | Thu | 725 725 725 1 5488 96 5488 96 05290 80322 26904 ... 63926 02681 75963 000 000 | CW | (AB) |
| M12 | 11491 | 24-6 | 1150 | Thu | 725 725 725 1 5488 96 5488 96 05290 80322 26904 ... 63926 02681 75963 000 000 | CW | (AB) |
| M12 | 12162 | 24-6 | 1700 | Thu | 546 546 546 1 2999 112 2999 112 76901 51915 34408 ... 63082 44033 82264 000 000 | CW | (AB) |
| M12 | 11566 | 24-6 | 1720 | Thu | 546 546 546 1 2999 112 2999 112 76901 51915 34408 ... 63082 44033 82264 000 000 | CW | (AB) |
| M12 | 10711 | 24-6 | 1740 | Thu | 546 546 546 1 2999 112 2999 112 76901 51915 34408 ... 63082 44033 82264 000 000 | CW | (AB) |
| M12 | 12162 | 24-6 | 1800 | Thu | 546 546 546 1 3895 113 3895 113 10386 18702 70632 ... 31459 50481 24259 000 000 | CW | (AB/MPJ) |
| M12 | 11566 | 24-6 | 1820 | Thu | 546 546 546 1 3895 113 3895 113 10386 18702 70632 ... 31459 50481 24259 000 000 | CW | (AB/MPJ) |
| M12 | 10711 | 24-6 | 1840 | Thu | 546 546 546 1 3895 113 3895 113 10386 18702 70632 ... 31459 50481 24259 000 000 | CW | (AB/MPJ) |
| M12 | 13892 | 24-6 | 2000 | Thu | 119 119 119 1 1560 93 1560 93 83697 54285 49279 ... 88834 26345 85934 000 000 | CW | (AB) |
| M12 | 14377 | 24-6 | 2000 | Thu | 317 317 317 1 2101 103 2101 103 28168 04126 34381 ... 49699 44246 00793 000 000 | CW | (AB/RL) |
| M12 | 13392 | 24-6 | 2020 | Thu | 119 119 119 1 1560 93 1560 93 83697 54285 49279 ... 88834 26345 85934 000 000 | CW | (AB) |
| M12 | 13461 | 24-6 | 2020 | Thu | 317 317 317 1 2101 103 2101 103 28168 04126 34381 ... 49699 44246 00793 000 000 | CW | (AB/RL) |
| M12 | 11592 | 24-6 | 2040 | Thu | 119 119 119 1 1560 93 1560 93 83697 54285 49279 ... 88834 26345 85934 000 000 | CW | (AB) |
| M12 | 12114 | 24-6 | 2040 | Thu | 317 317 317 1 2101 103 2101 103 28168 04126 34381 ... 49699 44246 00793 000 000 | CW | (AB/RL) |
| M12 | 14493 | 24-6 | 2110 | Thu | 431 431 431 000 | CW | (AB/RL) |
| M12 | 13393 | 24-6 | 2130 | Thu | 431 431 431 000 | CW | (AB/RL) |
| M12 | 7857 | 25-6 | 0030 | Fri | 814 814 814 000 | CW | (AB) |

| | | | | | | | |
|------------|-------|------|------|-----|---|-----|-----------|
| M12 | 9157 | 25-6 | 0050 | Fri | 814 814 814 000 | CW | (AB) |
| M12 | 11144 | 25-6 | 2100 | Fri | 153 153 153 1 366 92 366 92 46481 91068 11787 ... 24131 08536 38547 000 000 | CW | (AB/RL) |
| M12 | 10544 | 25-6 | 2120 | Fri | 153 153 153 1 366 92 366 92 46481 91068 11787 ... 24131 08536 38547 000 000 | CW | (AB/RL) |
| M12 | 9344 | 25-6 | 2140 | Fri | 153 153 153 1 366 92 366 92 46481 91068 11787 ... 24131 08536 38547 000 000 | CW | (AB/RL) |
| M12 | 11144 | 26-6 | 2100 | Sat | 153 153 153 1 366 92 366 92 46481 91068 11787 ... 24131 08536 38547 000 000 | CW | (AB) |
| M12 | 10544 | 26-6 | 2120 | Sat | 153 153 153 1 366 92 366 92 46481 91068 11787 ... 24131 08536 38547 000 000 | CW | (AB) |
| M12 | 9344 | 26-6 | 2140 | Sat | 153 153 153 1 366 92 366 92 46481 91068 11787 ... 24131 08536 38547 000 000 | CW | (AB) |
| M12 | 10223 | 26-6 | 2210 | Sat | 239 239 239 1 3200 46 3200 46 58059 83506 20031 ... 55487 99612 37317 000 000 | CW | (AB) |
| M12 | 9323 | 26-6 | 2230 | Sat | 239 239 239 1 3200 46 3200 46 58059 83506 20031 ... 55487 99612 37317 000 000 | CW | (AB) |
| M12 | 8023 | 26-6 | 2250 | Sat | 239 239 239 1 3200 46 3200 46 58059 83506 20031 ... 55487 99612 37317 000 000 | CW | (AB/RL) |
| M12 | 14926 | 27-6 | 1600 | Sun | 944 944 944 1 4400 67 4400 67 31742 20142 99424 ... 47231 73348 47074 000 000 | CW | (AB/MPJ) |
| M12 | 14426 | 27-6 | 1620 | Sun | 944 944 944 1 4400 67 4400 67 31742 20142 99424 ... 47231 73348 47074 000 000 | CW | (AB/MPJ) |
| M12 | 13426 | 27-6 | 1640 | Sun | 944 944 944 1 4400 67 4400 67 31742 20142 99424 ... 47231 73348 47074 000 000 | CW | (AB/MPJ) |
| M12 | 15918 | 28-6 | 0210 | Mon | 989 989 989 1 ... | CW | (HFD-CHN) |
| M12 | 14818 | 28-6 | 0230 | Mon | 989 989 989 1 ... | CW | (HFD-CHN) |
| M12 | 13918 | 28-6 | 0250 | Mon | 989 989 989 1 ... | CW | (HFD-CHN) |
| M12 | 14377 | 28-6 | 1130 | Mon | 317 317 317 1 972 80 972 80 49481 44408 84494 ... 12653 13485 18062 000 000 | CW | (AB) |
| M12 | 13461 | 28-6 | 1150 | Mon | 317 317 317 1 972 80 972 80 49481 44408 84494 ... 12653 13485 18062 000 000 | CW | (AB) |
| M12 | 12114 | 28-6 | 1210 | Mon | 317 317 317 1 972 80 972 80 49481 44408 84494 ... 12653 13485 18062 000 000 | CW | (AB) |
| M12 | 13892 | 28-6 | 2000 | Mon | 119 119 119 000 | CW | (AB/RL) |
| M12 | 13392 | 28-6 | 2020 | Mon | 119 119 119 000 | CW | (AB/RL) |
| M12 | 14493 | 28-6 | 2110 | Mon | 431 431 431 1 673 97 673 97 41622 02286 83797 ... 04654 83849 15454 000 000 | CW | (AB/RL) |
| M12 | 13393 | 28-6 | 2130 | Mon | 431 431 431 1 673 97 673 97 41622 02286 83797 ... 04654 83849 15454 000 000 | CW | (AB/RL) |
| M12 | 12193 | 28-6 | 2150 | Mon | 431 431 431 1 673 97 673 97 41622 02286 83797 ... 04654 83849 15454 000 000 | CW | (AB/RL) |
| M12 | 7857 | 29-6 | 0030 | Tue | 814 814 814 1 3786 91 3786 91 40921 80915 62984 ... 96437 47111 87862 000 000 | CW | (AB) |
| M12 | 9157 | 29-6 | 0050 | Tue | 814 814 814 1 3786 91 3786 91 40921 80915 62984 ... 96437 47111 87862 000 000 | CW | (AB) |
| M12 | 10457 | 29-6 | 0110 | Tue | 814 814 814 1 3786 91 3786 91 40921 80915 62984 ... 96437 47111 87862 000 000 | CW | (AB) |
| M12 | 9317 | 29-6 | 0530 | Tue | 135 135 135 1 1051 113 1051 113 04669 05436 80896 ... 11927 19400 68102 000 000 | CW | (AB) |
| M12 | 10484 | 29-6 | 0550 | Tue | 135 135 135 1 1051 113 1051 113 04669 05436 80896 ... 11927 19400 68102 000 000 | CW | (AB) |
| M12 | 11552 | 29-6 | 0610 | Tue | 135 135 135 1 1051 113 1051 113 04669 05436 80896 ... 11927 19400 68102 000 000 | CW | (AB) |
| M12 | 14581 | 29-6 | 0700 | Tue | 541 541 541 000 | CW | (AB-J) |
| M12 | 13481 | 29-6 | 0720 | Tue | 541 541 541 000 | CW | (AB-J) |
| M12 | 14926 | 30-6 | 1600 | Wed | 944 944 944 000 | CW | (AB/MPJ) |
| M12 | 14426 | 30-6 | 1620 | Wed | 944 944 944 000 | CW | (AB/MPJ) |
| M12 | 12162 | 30-6 | 1710 | Wed | 546 546 546 1 7115 105 7115 105 20683 51614 78799 ... 92427 79690 86281 000 000 | CW | (AB/MPJ) |
| M12 | 11566 | 30-6 | 1730 | Wed | 546 546 546 1 7115 105 7115 105 20683 51614 78799 ... 92427 79690 86281 000 000 | CW | (AB/MPJ) |
| M12 | 10711 | 30-6 | 1750 | Wed | 546 546 546 1 7115 105 7115 105 20683 51614 78799 ... 92427 79690 86281 000 000 | CW | (AB/MPJ) |
| M12 | 10223 | 30-6 | 2210 | Wed | 239 239 239 000 | CW | (AB/RL) |
| M12 | 9323 | 30-6 | 2230 | Wed | 239 239 239 000 | CW | (AB/RL) |
| M14 | 12211 | 1-6 | 0500 | Tue | 952 807 807 57 57 = = 02035 82559 82875 ... 81450 86374 10685 = = 807 807 57 57 00000 | USB | (PY) |
| M14 | 10243 | 1-6 | 0520 | Tue | 952 807 807 57 57 = = 02035 82559 82875 ... 81450 86374 10685 = = 807 807 57 57 00000 | USB | (PY) |
| M14 | 12211 | 2-6 | 0500 | Wed | 952 316 316 52 52 = = 82504 00550 39629 ... 05786 65003 39572 = = 316 316 52 52 00000 | CW | (PY) |

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|-----|--------|------|------|-----|--|----|---------|
| M14 | 10243 | 2-6 | 0520 | Wed | 952 316 316 52 52 == 82504 00550 39629 ... 05786 65003 39572 == 316 316 52 52 00000 | CW | (PY) |
| M14 | 12211 | 3-6 | 0500 | Thu | 952 704 704 63 63 == 34890 35879 67845 ... 92662 11846 30169 == 704 704 63 63 00000 | CW | (PY) |
| M14 | 10243 | 3-6 | 0520 | Thu | 952 704 704 63 63 == 34890 35879 67845 ... 92662 11846 30169 == 704 704 63 63 00000 | CW | (PY) |
| M14 | 12211 | 4-6 | 0500 | Fri | 952 813 813 53 53 == 65020 69367 35380 ... 98065 82975 46444 == 814 813 53 53 00000 | CW | (PY) |
| M14 | 10243 | 4-6 | 0520 | Fri | 952 813 813 53 53 == 65020 69367 35380 ... 98065 82975 46444 == 814 813 53 53 00000 | CW | (PY) |
| M14 | 12211 | 7-6 | 0500 | Mon | 952 764 764 53 53 == 64717 87588 80906 ... 00682 66855 24223 == 764 764 53 53 00000 | CW | (PY) |
| M14 | 10243 | 7-6 | 0520 | Mon | 952 764 764 53 53 == 64717 87588 80906 ... 00682 66855 24223 == 764 764 53 53 00000 | CW | (PY) |
| M14 | 12211 | 8-6 | 0500 | Tue | 952 803 803 69 69 == 44961 24577 28113 ... 21987 56599 14829 == 803 803 69 69 00000 | CW | (PY) |
| M14 | 10243 | 8-6 | 0520 | Tue | 952 803 803 69 69 == 44961 24577 28113 ... 21987 56599 14829 == 803 803 69 69 00000 | CW | (PY) |
| M14 | 12211 | 9-6 | 0500 | Wed | 952 176 176 55 55 == 07104 40636 37577 ... 92953 94154 49071 == 176 176 55 55 00000 | CW | (PY) |
| M14 | 10243 | 9-6 | 0520 | Wed | 952 176 176 55 55 == 07104 40636 37577 ... 92953 94154 49071 == 176 176 55 55 00000 | CW | (PY) |
| M14 | 12211 | 10-6 | 0500 | Thu | 952 348 348 52 52 == 92258 60319 53905 ... 73187 69239 66191 == 348 348 52 52 00000 | CW | (PY) |
| M14 | 10243 | 10-6 | 0520 | Thu | 952 348 348 52 52 == 92258 60319 53905 ... 73187 69239 66191 == 348 348 52 52 00000 | CW | (PY) |
| M14 | 16347 | 10-6 | 0930 | Thu | 617 617 617 00000 | CW | (AB) |
| M14 | 12211 | 11-6 | 0500 | Fri | 952 710 710 58 58 == 55091 34466 83447 ... 99545 35940 35940 == 710 710 58 58 00000 | CW | (PY) |
| M14 | 10243 | 11-6 | 0520 | Fri | 952 710 710 58 58 == 55091 34466 83447 ... 99545 35940 35940 == 710 710 58 58 00000 | CW | (PY) |
| M14 | 12211 | 15-6 | 0500 | Tue | 952 364 364 52 52 == 10647 26523 12458 ... 80119 03383 13891 == 364 364 52 52 00000 | CW | (PY) |
| M14 | 10243 | 15-6 | 0520 | Tue | 952 364 364 52 52 == 10647 26523 12458 ... 80119 03383 13891 == 364 364 52 52 00000 | CW | (PY) |
| M14 | 12211 | 16-6 | 0500 | Wed | 952 780 780 59 59 == 08836 69717 10490 ... 67471 50667 12879 == 780 780 59 59 00000 | CW | (PY) |
| M14 | 10243 | 16-6 | 0520 | Wed | 952 780 780 59 59 == 08836 69717 10490 ... 67471 50667 12879 == 780 780 59 59 00000 | CW | (PY) |
| M14 | 12211 | 17-6 | 0500 | Thu | 952 163 163 52 52 == 13668 33218 19778 ... 23967 60246 01257 == 163 163 52 52 00000 | CW | (PY) |
| M14 | 10243 | 17-6 | 0520 | Thu | 952 163 163 52 52 == 13668 33218 19778 ... 23967 60246 01257 == 163 163 52 52 00000 | CW | (PY) |
| M14 | 12211 | 18-6 | 0500 | Fri | 952 408 408 67 67 == 89628 10881 67546 ... 97887 20275 40964 == 408 408 67 67 00000 | CW | (PY) |
| M14 | 10243 | 18-6 | 0520 | Fri | 952 408 408 67 67 == 89628 10881 67546 ... 97887 20275 40964 == 408 408 67 67 00000 | CW | (PY) |
| M14 | 12211 | 21-6 | 0500 | Mon | 952 173 173 61 61 == 59656 20414 32419 ... 95348 50918 76531 == 173 173 61 61 00000 | CW | (PY) |
| M14 | 10243 | 21-6 | 0520 | Mon | 952 173 173 61 61 == 59656 20414 32419 ... 95348 50918 76531 == 173 173 61 61 00000 | CW | (PY) |
| M14 | 10243 | 22-6 | 0520 | Tue | 952 468 468 51 51 == 66574 84494 97140 ... 57947 93786 51431 == 468 468 51 51 00000 | CW | (AB-J) |
| M14 | 12211 | 23-6 | 0502 | Wed | Late start 952 707 707 59 59 == 86192 90911 01885 ... 19669 32834 96117 == 707 707 59 59 00000 | CW | (AB-J) |
| M14 | 10243 | 23-6 | 0521 | Wed | Late start 952 707 707 59 59 == 86192 90911 01885 ... 19669 32834 96117 == 707 707 59 59 00000 | CW | (AB-J) |
| M14 | 12211 | 24-6 | 0500 | Thu | 952 163 163 61 61 == 85863 22217 07258 ... 53169 25233 12708 == 163 163 61 61 00000 | CW | (AB-J) |
| M14 | 10243 | 24-6 | 0520 | Thu | 952 163 163 61 61 == 85863 22217 07258 ... 53169 25233 12708 == 163 163 61 61 00000 | CW | (AB-J) |
| M14 | 12211 | 25-6 | 0500 | Fri | 952 708 708 51 51 == 76587 93044 98403 ... 03705 57777 24435 == 708 708 51 51 00000 | CW | (AB-J) |
| M14 | 10243 | 25-6 | 0520 | Fri | 952 708 708 51 51 == 76587 93044 98403 ... 03705 57777 24435 == 708 708 51 51 00000 | CW | (AB-J) |
| M14 | 16347 | 25-6 | 0930 | Fri | 617 617 617 00000 Started with distorted sound | CW | (AB) |
| M14 | 12211 | 28-6 | 0500 | Mon | 952 134 134 65 65 == 14646 19189 29398 ... 36276 26495 16246 134 134 65 65 00000 | CW | (AB-J) |
| M14 | 10243 | 28-6 | 0520 | Mon | 952 134 134 65 65 == 14646 19189 29398 ... 36276 26495 16246 134 134 65 65 00000 | CW | (AB-J) |
| M14 | 12211 | 29-6 | 0500 | Tue | 952 860 860 61 61 == 23145 26172 52943 ... 11261 63813 22699 == 860 860 61 61 00000 | CW | (AB-J) |
| M14 | 10243 | 29-6 | 0520 | Tue | 952 860 860 61 61 == 23145 26172 52943 ... 11261 63813 22699 == 860 860 61 61 00000 | CW | (AB-J) |
| M14 | 12211 | 30-6 | 0500 | Wed | 952 473 473 52 52 == 21325 05644 32675 ... 40545 95930 49109 == 473 473 52 52 00000 | CW | (AB-J) |
| M14 | 10243 | 30-6 | 0520 | Wed | 952 473 473 52 52 == 21325 05644 32675 ... 40545 95930 49109 == 473 473 52 52 00000 | CW | (AB-J) |
| M21 | 6421.5 | 5-6 | 0829 | Sat | =23491901020524 =13491672163129 =991130??8???? =23491901020510 =23491901020509 =23491901020510 =23491901020510 =23491901020511 =991131??8???? | CW | (F5JBR) |

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|-------------|--------|------|------|-----|---|------------------------------|-----------|
| M21 | 4171 | 6-6 | 0705 | Sun | =991005??8????? =23467901970516 =991006??8????? =991007??8????? =13467142786806 =23467901970512 =991008??8????? //6421.5 kHz | CW | (F5JBR) |
| M21 | 6421.5 | 6-6 | 0705 | Sun | =991005??8????? =23467901970516 =991006??8????? =991007??8????? =13467142786806 =23467901970512 =991008??8????? //4171 kHz | CW | (F5JBR) |
| M21 | 5052.5 | 6-6 | 1313 | Sun | =991613??0????? =991614??0????? =991615??0????? | CW | (F5JBR-J) |
| M21 | 4385.5 | 6-6 | 1454 | Sun | =99?1754?9????? =99?1756?9????? =99?1758?9????? | CW | (F5JBR-J) |
| M21 | 4935 | 8-6 | 0744 | Tue | =121102 672131744 =à 204401917853 | CW | (F5JBR) |
| M21 | 3185 | 10-6 | 0616 | Thu | =990919??8????? =990919??8????? =990920??8????? | CW | (F5JBR) |
| M21 | 6421.5 | 12-6 | 1440 | Sat | =13806400584738 =13807400589538 =991740??8????? =13800672061340 =13801672061340 =13802672061340 =991741??8????? | CW | (F5JBR) |
| M21 | 3185 | 13-6 | 0328 | Sun | =990628??8????? =990629??8????? =990630??8????? //4569 kHz | CW | (F5JBR) |
| M21 | 3185 | 13-6 | 0328 | Sun | =990628??8????? =990629??8????? =990630??8????? //4969 kHz | CW | (F5JBR) |
| M21 | 4969 | 13-6 | 0328 | Sun | =990628??8????? =990629??8????? =990630??8????? //3185 kHz | CW | (F5JBR) |
| M21 | 4969 | 13-6 | 0328 | Sun | =990628??8????? =990629??8????? =990630??8????? //3185 kHz | CW | (F5JBR) |
| M32 | 8136 | 6-6 | 0800 | Sun | RBL88: XXX TEKhNICHESKAYa PROWERKA 592 K | CW | (F5JBR) |
| M32 | 8136 | 6-6 | 0802 | Sun | RBL88 wkg RFN69 RFN77 RBL90 RGR99: XXX TEKhNICHESKAYa PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt) | CW | (F5JBR) |
| M32 | 7587.5 | 6-6 | 0848 | Sun | XXX 9XQU ELASTISChNYJ 01 1030 030 400 1140 K | CW | (F5JBR) |
| M32 | 7674 | 8-6 | 0709 | Tue | XXX 82QI 64755 UGROSEJM 9566 1448 K | CW | (F5JBR) |
| M32 | 7827 | 8-6 | 0711 | Tue | XXX 82QI 64755 UGROSEJM 9566 1448 K | CW | (F5JBR) |
| M32 | 7931 | 8-6 | 0716 | Tue | XXX 82QI 64755 UGROSEJM 9566 1448 K | CW | (F5JBR) |
| M32 | 7467 | 8-6 | 0720 | Tue | XXX VD9B 43143 LITRORUAN 2419 9324 K | CW | (F5JBR) |
| M32 | 8136 | 10-6 | 0651 | Thu | RDL 70486 51491 70486 51491 70406 51491 K | FSK-CW | (F5JBR) |
| M42 | 12146 | 21-6 | 0746 | Mon | Russian diplo/intel. | MFSK-66 | (AB) |
| M42 | 11076 | 24-6 | 0747 | Thu | Russian diplo/intel. | MFSK-66 | (AB) |
| M42 | 12175 | 25-6 | 0959 | Fri | Russian diplo/intel. | MFSK-66 | (AB) |
| M42 | 12164 | 28-6 | 1248 | Mon | Russian intel. | 17x62.5Bd QPSK/250Bd BPSK | (AB) |
| M42 | 12175 | 28-6 | 1250 | Mon | Russian diplo/intel. | MFSK-66 | (AB) |
| M42b | 8116 | 8-6 | 0655 | Tue | PRAT wkg LKDW QSY 73494 K | CW | (F5JBR) |
| M42b | 8116 | 10-6 | 0655 | Thu | PRAT wkg LKDW QSA NO QSY 29672 K and QSA NO NIL SK | CW | (F5JBR) |
| M42b | 5857 | 13-6 | 0549 | Sun | HXMT wkg SFDZ. QSX on 6993 kHz | CW + FSK 50/500 | (F5JBR) |
| M51a | 3881 | 27-6 | 0700 | Sun | VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ DIMANCHE 1/LECON NUMERO 2/1 VI- TESSE 420 CLAIR = (message) CQ DE FAV22 VA //6825 kHz | CW | (AB) |
| M51a | 6825 | 27-6 | 0700 | Sun | VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ DIMANCHE 1/LECON NUMERO 2/1 VI- TESSE 420 CLAIR = (message) CQ DE FAV22 VA //3881 kHz | CW | (AB) |
| M51b | 3881 | 25-6 | 1006 | Fri | Non-stop 5-character groups composed of M51a messages //6825 kHz | CW | (AB) |
| M51b | 6825 | 25-6 | 1006 | Fri | Non-stop 5-character groups composed of M51a messages //3881 kHz | CW | (AB) |
| M89 | 3565 | 3-6 | 1111 | Thu | V BSA5 (x3) DE TP4C (x2) //4718, 6378, 7045 | CW | (JPL) |
| M89 | 4718 | 3-6 | 1111 | Thu | V BSA5 (x3) DE TP4C (x2) //3565, 6378, 7045 | CW | (JPL) |
| M89 | 6378 | 3-6 | 1111 | Thu | V BSA5 (x3) DE TP4C (x2) //3565, 4718, 7045 | CW | (JPL) |
| M89 | 7045 | 3-6 | 1111 | Thu | V BSA5 (x3) DE TP4C (x2) //3565, 4718, 6378 | CW | (JPL) |

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|-----|-------|-----|------|-----|---|----|-------|
| M89 | 4860 | 3-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ////5640, 6320, 6840, 8290, 8360, 10640 | CW | (JPL) |
| M89 | 5640 | 3-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ////4860, 6320, 6840, 8290, 8360, 10640 | CW | (JPL) |
| M89 | 6320 | 3-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ////4860, 5640, 6840, 8290, 8360, 10640 | CW | (JPL) |
| M89 | 6840 | 3-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ////4860, 5640, 6320, 8290, 8360, 10640 | CW | (JPL) |
| M89 | 8290 | 3-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ////4860, 5640, 6320, 6840, 8360, 10640 | CW | (JPL) |
| M89 | 8360 | 3-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ////4860, 5640, 6320, 6840, 8290, 10640 | CW | (JPL) |
| M89 | 10640 | 3-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ////4860, 5640, 6320, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 7620 | 3-6 | 1130 | Thu | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350 | CW | (JPL) |
| M89 | 8350 | 3-6 | 1130 | Thu | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620 | CW | (JPL) |
| M89 | 5410 | 4-6 | 1359 | Fri | V RI2V DE XYS3 7ATN TA63 TADU AUN4 T335 A4UN D74A 4NT5 4A6T ... | CW | (JPL) |
| M89 | 5432 | 4-6 | 1405 | Fri | i.p. 543D 454U 7645 6DN3 DNU3 DN36 UA34 AR K R FP EEEE RPT 03W = .65.. 65 AR K R U GA K | CW | (JPL) |
| M89 | 5330 | 4-6 | 1409 | Fri | i.p. U3TN T5A7 D56U N753 A756 N754 37DA 74T5 NTU4 4A7T ... | CW | (JPL) |
| M89 | 5200 | 4-6 | 1410 | Fri | i.p. 7U4A UT47 U534 6V56 6A3T AT3U 34UD 7T56 D37N 4NU3 ... | CW | (JPL) |
| M89 | 5223 | 4-6 | 1411 | Fri | i.p. DTA6 A56U DTUA 4A7D 3U6A ... | CW | (JPL) |
| M89 | 5117 | 4-6 | 1413 | Fri | i.p. 97 = A657 6U54 357T 4TD3 6UT4 T7ND 5TD6 D5A3 5U36 DUA3 436U 36AU ... | CW | (JPL) |
| M89 | 5094 | 4-6 | 1414 | Fri | i.p. HY4F DE NAZI DE NAZI QSA ? K HY4F DE NAZI QSA ? K | CW | (JPL) |
| M89 | 5068 | 4-6 | 1416 | Fri | i.p. D7T7 6A65 NT4A 53N5 DDU4 D57N UNA5 547T ANTAN ... | CW | (JPL) |
| M89 | 4958 | 4-6 | 1417 | Fri | i.p. R RPT K R OK U MSG GA K | CW | (JPL) |
| M89 | 4967 | 4-6 | 1418 | Fri | i.p. R 7G NR 8200 CK .1 14 0604 2150 RMKS .045754 TO S45753 K R ... 76D3 A4D6 D645 35N7 4UA3 ... | CW | (JPL) |
| M89 | 4658 | 4-6 | 1421 | Fri | V N72H (x3) DE 8HM4 (x2) | CW | (JPL) |
| M89 | 4435 | 4-6 | 1422 | Fri | i.p. R HR MSG GA MSG NR 3209 CK 79 21 0604 2150 RMKS EEEE MSG GA NR 3209 CK EEEEE | CW | (JPL) |
| M89 | 4298 | 4-6 | 1425 | Fri | i.p. RPT RPT R R OV GA | CW | (JPL) |
| M89 | 4252 | 4-6 | 1429 | Fri | i.p. NR 266 1 CK 61 20 0604 2150 RMKS 5472435 TO 547243. K BT .7D5 N64U .T74 ... | CW | (JPL) |
| M89 | 4220 | 4-6 | 1431 | Fri | i.p. 6D5A 437U 73N6 3TA3 363D ... | CW | (JPL) |
| M89 | 5810 | 4-6 | 1433 | Fri | i.p. AR K R OK QSL 22EEEE R OK QSL 2302 K NOK R OK QSL 2302 AGN MSG NR 0174/EX CK 61 23 0604 2303 K | CW | (JPL) |
| M89 | 5768 | 4-6 | 1443 | Fri | i.p. DE RSR MSG GA K R 7G NR 148AY K7977..4 2240 RMKS 521.262 TO 5215267 K R = T543 ATAU3 3UDA AU5T 7DU5 5UDN ... | CW | (JPL) |
| M89 | 5738 | 4-6 | 1446 | Fri | i.p. R 01W = A3U4 N567 NT56 D7A4 ... | CW | (JPL) |
| M89 | 5656 | 4-6 | 1447 | Fri | i.p. 7D6U 4547 TAND TA53 4TA3 ... | CW | (JPL) |
| M89 | 5531 | 4-6 | 1448 | Fri | i.p. 436D N6A3 A463 AD47 D3AU ... | CW | (JPL) |
| M89 | 5506 | 4-6 | 1449 | Fri | i.p. D6A4 36UT D536 DUAT A746 U7AT 7TA5 ... | CW | (JPL) |
| M89 | 5410 | 4-6 | 1451 | Fri | (V RI2V DE XYS3 CK 79 77 0604 2240 RMKS 5215362 TO 5215368 K | CW | (JPL) |
| M89 | 5285 | 4-6 | 1452 | Fri | i.p. 6D7N 5N63 47UD 36TA ... | CW | (JPL) |
| M89 | 5231 | 4-6 | 1453 | Fri | i.p. 743A 6N7T D457 DT76 AR K NOK | CW | (JPL) |
| M89 | 5222 | 4-6 | 1454 | Fri | i.p. 653N AU4N A46T 75AD ... | CW | (JPL) |
| M89 | 5202 | 4-6 | 1455 | Fri | i.p. ATD5 U74T 6DA5 A64N UT3N AD7U D643 ... | CW | (JPL) |
| M89 | 5198 | 4-6 | 1456 | Fri | i.p. VV OWBR DE ZDUB VV OWBR DE ZDUB RMKS 1128 TO 0918 862 09500732 01782759 2830 = | CW | (JPL) |
| M89 | 5200 | 4-6 | 1503 | Fri | i.p. 35UD U74T 3U6N ND64 U436 T74D U6T3 ... | CW | (JPL) |
| M89 | 5105 | 4-6 | 1504 | Fri | i.p. AR K R OK U 7G GA K (1504z) | CW | (JPL) |
| M89 | 5116 | 4-6 | 1504 | Fri | i.p. D463 3UT6 UD5A 6D3U 7U35 DA6U U5AT 4N7A ... | CW | (JPL) |
| M89 | 5107 | 4-6 | 1506 | Fri | i.p. R QSL 2306 K R MSG NR 3177 CK 61 27 0604 2240 RMKS 7045482 TO 7045481 K | CW | (JPL) |

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|------------|------|------|------|-----|---|----|-----------|
| M89 | 5012 | 4-6 | 1508 | Fri | i.p. QSL ? K R U GA K | CW | (JPL) |
| M89 | 5075 | 4-6 | 1508 | Fri | i.p. TA43 TA6T A4T6 U334 73DD 5567 U34N ... | CW | (JPL) |
| M89 | 4967 | 4-6 | 1511 | Fri | i.p. CY 7G NR 5200 CK ..1 14 0604 2240 RMKS 7045758 TO 7045753 K R = A5U7 5TA7 3NU. ... | CW | (JPL) |
| M89 | 4958 | 4-6 | 1513 | Fri | i.p. NDU4 AU74 UD54 4735 3UDA 6U3A ... | CW | (JPL) |
| M89 | 4654 | 4-6 | 1515 | Fri | i.p. GA K | CW | (JPL) |
| M89 | 4566 | 4-6 | 1517 | Fri | i.p. RMKS 5215151 TO 5215153 = 3DUA TDUA UNA6 DU64 DATU AT56 6T3A ... | CW | (JPL) |
| M89 | 4372 | 4-6 | 1521 | Fri | i.p. TD7A D3NT 6DAU ... | CW | (JPL) |
| M89 | 4128 | 4-6 | 1522 | Fri | i.p. DN36 D7D. ... | CW | (JPL) |
| M89 | 4040 | 4-6 | 1523 | Fri | i.p. 4A5T 3NAT DAN3 7AD4 7A5N ... | CW | (JPL) |
| M89 | 4860 | 5-6 | 1120 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 5640 | 5-6 | 1120 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 6840 | 5-6 | 1120 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 8290, 8360 | CW | (JPL) |
| M89 | 8290 | 5-6 | 1120 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8360 | CW | (JPL) |
| M89 | 8360 | 5-6 | 1120 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290 | CW | (JPL) |
| M89 | 3565 | 5-6 | 1126 | Sat | V BSA5 (x3) DE TP4C (x2) //4718, 6378,7045 | CW | (JPL) |
| M89 | 4718 | 5-6 | 1126 | Sat | V BSA5 (x3) DE TP4C (x2) //3565, 6378,7045 | CW | (JPL) |
| M89 | 6378 | 5-6 | 1126 | Sat | V BSA5 (x3) DE TP4C (x2) //3565, 4718, 7045 | CW | (JPL) |
| M89 | 7045 | 5-6 | 1126 | Sat | V BSA5 (x3) DE TP4C (x2) //3565, 4718, 6378 | CW | (JPL) |
| M89 | 7620 | 5-6 | 1130 | Sat | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350) | CW | (JPL) |
| M89 | 8350 | 5-6 | 1130 | Sat | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620 | CW | (JPL) |
| M89 | 4658 | 5-6 | 1136 | Sat | V N72H (x3) DE 8HM4 (x2) | CW | (JPL) |
| M89 | 4658 | 6-6 | 1156 | Sun | V N72H (x3) DE 8HM4 (x2) | CW | (JPL) |
| M89 | 3565 | 6-6 | 1157 | Sun | V BSA5 (x3) DE TP4C (x2) //4718 | CW | (JPL) |
| M89 | 4718 | 6-6 | 1157 | Sun | V BSA5 (x3) DE TP4C (x2) //3565 | CW | (JPL) |
| M89 | 6666 | 6-6 | 1159 | Sun | i.p D764 ATN7 3UAN 43UT 543A 7UNA 73TU D4A3 ... | CW | (JPL) |
| M89 | 4718 | 6-6 | 1302 | Sun | BSA5 de TP4C V | CW | (F5JBR-J) |
| M89 | 4658 | 6-6 | 1536 | Sun | N72H de 8HM4 V | CW | (F5JBR-J) |
| M89 | 4860 | 10-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 5640 | 10-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 6840 | 10-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 8290, 8360 | CW | (JPL) |
| M89 | 8290 | 10-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8360 | CW | (JPL) |
| M89 | 8360 | 10-6 | 1120 | Thu | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290 | CW | (JPL) |
| M89 | 6378 | 10-6 | 1126 | Thu | V BSA5 (x3) DE TP4C (x2) //3565, 4718, 7045 | CW | (JPL) |
| M89 | 7676 | 10-6 | 1127 | Thu | V 8RVF (x3) DE CV4K (x2) | CW | (JPL) |
| M89 | 4952 | 10-6 | 1128 | Thu | i.p. 4TD3 3U7. U7T3 D4AN ... AR K RPT 1P 2.W = TU46 CK R SK | CW | (JPL) |
| M89 | 7620 | 10-6 | 1130 | Thu | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350 | CW | (JPL) |
| M89 | 8350 | 10-6 | 1130 | Thu | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620 | CW | (JPL) |
| M89 | 4658 | 10-6 | 1204 | Thu | V N72H (x3) DE 8HM4 (x2) | CW | (JPL) |
| M89 | 6378 | 12-6 | 1006 | Sat | V BSA5 (x3) DE TP4C (x2) //7045 | CW | (JPL) |
| M89 | 7045 | 12-6 | 1006 | Sat | V BSA5 (x3) DE TP4C (x2) //6378 | CW | (JPL) |
| M89 | 7676 | 12-6 | 1010 | Sat | V 8RVF (x3) DE CV4K (x2) | CW | (JPL) |
| M89 | 4860 | 18-6 | 1120 | Fri | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360 | CW | (JPL) |

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|------------|-------|------|------|-----|---|----|----------|
| M89 | 5640 | 18-6 | 1120 | Fri | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6320, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 6320 | 18-6 | 1120 | Fri | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 6840 | 18-6 | 1120 | Fri | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 8290, 8360 | CW | (JPL) |
| M89 | 8290 | 18-6 | 1120 | Fri | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8360 | CW | (JPL) |
| M89 | 8360 | 18-6 | 1120 | Fri | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8290 | CW | (JPL) |
| M89 | 7620 | 18-6 | 1130 | Fri | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350 | CW | (JPL) |
| M89 | 8350 | 18-6 | 1130 | Fri | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620 | CW | (JPL) |
| M89 | 4242 | 18-6 | 1144 | Fri | i.p. A6D4 AUD7 7AN3 DA3N 5TN3 N436 AU37 D7T5 75N3 N3T5 ... AR K | CW | (JPL) |
| M89 | 3565 | 18-6 | 1151 | Fri | V BSA5 (x3) DE TP4C (x2) //4718 | CW | (JPL) |
| M89 | 4718 | 18-6 | 1151 | Fri | V BSA5 (x3) DE TP4C (x2) //3565 | CW | (JPL) |
| M89 | 4658 | 18-6 | 1154 | Fri | V KP8W (x3) DE AMG7 (x2) | CW | (JPL) |
| M89 | 4718 | 26-6 | 1153 | Sat | V BSA5 (x3) DE TP4C (x2) | CW | (JPL) |
| M89 | 4658 | 26-6 | 1154 | Sat | V KP8W (x3) DE AMG7 (x2) | CW | (JPL) |
| M89 | 6139 | 26-6 | 1209 | Sat | i.p. QPI8 FFF NR 1707/EX 2009 = A2D3/H2YH III FFF NR 1707/EX 2009 = | CW | (JPL) |
| M89 | 6141 | 26-6 | 1210 | Sat | i.p. /F8C AR NR 391/EX 2009 = Y3AQ/L8C AR QSY 18 QSY 18 VVV | CW | (JPL) |
| M89 | 5555 | 26-6 | 1214 | Sat | i.p. DA4A DADT DTT3 DT5D DTDN DA5A 37T3 35UD ... | CW | (JPL) |
| M89 | 6478 | 26-6 | 1218 | Sat | i.p. = BJ2/J0 AR F NR 1432/EX 2015 = BJ2/J0 AR QSY 17 QSY 17 VVV | CW | (JPL) |
| M89 | 4860 | 26-6 | 1220 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//5640, 6320, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 5640 | 26-6 | 1220 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//4860, 6320, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 6320 | 26-6 | 1220 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//4860, 5640, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 6840 | 26-6 | 1220 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//4860, 5640, 6320, 8290, 8360 | CW | (JPL) |
| M89 | 8290 | 26-6 | 1220 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//4860, 5640, 6320, 6840, 8360 | CW | (JPL) |
| M89 | 8360 | 26-6 | 1220 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//4860, 5640, 6320, 6840, 8290 | CW | (JPL) |
| M89 | 4617 | 26-6 | 1223 | Sat | i.p. NR 3194/EX 2024 = XA9/EEEE 3194/EX 2024 = XA9/K. AR | CW | (JPL) |
| M89 | 4419 | 26-6 | 1225 | Sat | i.p. 19E/EX DG2 T24 = N0O7/T1E5 AR QSY 0 NR 4 QSY TO NR 14 VVV | CW | (JPL) |
| M89 | 4519 | 26-6 | 1225 | Sat | i.p. FF NR 2083/EX TIME 2027 = DB../U0P7 AR SK SK | CW | (JPL) |
| M89 | 4200 | 26-6 | 1229 | Sat | i.p. AR AR K K RR HR MSG RR RPT RPT K K R R HR MSG GA K K (Both stations on this frequency) | CW | (JPL) |
| M89 | 6566 | 26-6 | 1603 | Sat | i.p. /63IM AR NR 350./EX 0000 = 7P3/X3S8 AR QSY 7. QSY 74 VVV | CW | (JPL) |
| M89 | 5766 | 26-6 | 1607 | Sat | i.p. QSY 27 QSY 27 VVV De 32/ =.. U4N3/Z8. AR QSY 27 QSY 27 VVV | CW | (JPL) |
| M89 | 5716 | 26-6 | 1609 | Sat | i.p. FFF NR 31.4/EX 0009 = VR8Q/E7P AR NR 3114/EX 0009 = | CW | (JPL) |
| M89 | 5538 | 26-6 | 1612 | Sat | i.p. F NR 5006/EX 2250 = CWA/G. AR F NR 5006/EX 2250 = | CW | (JPL) |
| M89 | 5285 | 26-6 | 1616 | Sat | i.p. 0015 = COR =/ZR1 AR NR 311./EX 0015 = CORQ/ZR. AR QSY 18 QSY 18 VV | CW | (JPL) |
| M89 | 10579 | 29-6 | 1002 | Tue | i.p. 5 0629 1750 RMKS 8210860 TO 8210864 = AD74 4576 76A5 D4A7 ... AR K | CW | (EW/JPL) |
| M89 | 6378 | 29-6 | 1019 | Tue | V BSA5 (x3) DE TP4C (x2) | CW | (JPL) |
| M89 | 5640 | 29-6 | 1020 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320, 6840, 8290, 8360, 10640 | CW | (JPL) |
| M89 | 6320 | 29-6 | 1020 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6840, 8290, 8360, 10640 | CW | (JPL) |
| M89 | 6840 | 29-6 | 1020 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 8290, 8360, 10640 | CW | (JPL) |
| M89 | 8290 | 29-6 | 1020 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8360, 10640 | CW | (JPL) |
| M89 | 8360 | 29-6 | 1020 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 10640 | CW | (JPL) |
| M89 | 10640 | 29-6 | 1020 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 7620 | 29-6 | 1030 | Tue | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350 | CW | (JPL) |
| M89 | 8350 | 29-6 | 1030 | Tue | V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620 | CW | (JPL) |

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|------------|-------|------|------|-----|--|----|-------|
| M89 | 8800 | 29-6 | 1033 | Tue | i.p. R QSA 3 = CK QSA ? K (Both stations on this frequency) QSA 2 K K HR 0 = 605 D3TA7 456 AR K | CW | (JPL) |
| M89 | 8238 | 29-6 | 1040 | Tue | i.p. R RPT K R NIL SK GB | CW | (JPL) |
| M89 | 7425 | 29-6 | 1043 | Tue | i.p. QSA 3 IEC = 5.44 AR K HR F GA K R FF NR 1141/EX 1844 RMKS 7836069 TO 7836060 K | CW | (JPL) |
| M89 | 8621 | 29-6 | 1055 | Tue | i.p. T6N5 75UT DUAN U453 3NDT ND73 6D43 ... | CW | (JPL) |
| M89 | 4718 | 29-6 | 1117 | Tue | V BSA5 (x3) DE TP4C (x2) //6378, 7045 | CW | (JPL) |
| M89 | 6378 | 29-6 | 1117 | Tue | V BSA5 (x3) DE TP4C (x2) //4718, 7045 | CW | (JPL) |
| M89 | 7045 | 29-6 | 1117 | Tue | V BSA5 (x3) DE TP4C (x2) //4718, 6378 | CW | (JPL) |
| M89 | 4860 | 29-6 | 1120 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 5640 | 29-6 | 1120 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6320, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 6320 | 29-6 | 1120 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290, 8360 | CW | (JPL) |
| M89 | 6840 | 29-6 | 1120 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 8290, 8360 | CW | (JPL) |
| M89 | 8290 | 29-6 | 1120 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8360 | CW | (JPL) |
| M89 | 8360 | 29-6 | 1120 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8290 | CW | (JPL) |
| M89 | 7684 | 29-6 | 1126 | Tue | i.p. T7DU 574U D67N U3TD 573U AR K R RPT 62W = T65N AR R RPT 68W = T7DU AR | CW | (JPL) |
| M95 | 5479 | 3-6 | 1059 | Thu | V YHDX (x3) DE SAQC (x2) //10722 | CW | (JPL) |
| M95 | 10722 | 3-6 | 1059 | Thu | V YHDX (x3) DE SAQC (x2) VVV HR SVC GA NR 014 1900 RMKS 9123 TO 9270 = CL/1930/Z=/9123/9270 AR A AGN //5479 | CW | (JPL) |
| M95 | 4243 | 3-6 | 1141 | Thu | HR MSGS GA PSE CY NR 0398 CK 320 35 0603 1617 = //9054 | CW | (JPL) |
| M95 | 4363 | 3-6 | 1141 | Thu | V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0398 CK 320 35 0603 1617 = //8073 | CW | (JPL) |
| M95 | 8073 | 3-6 | 1141 | Thu | V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0398 CK 320 35 0603 1617 = //4364 | CW | (JPL) |
| M95 | 9054 | 3-6 | 1149 | Thu | VVV HR 7G TO YR PSE CY NR 060 CK 62 35 0603 1542 = //4243 | CW | (JPL) |
| M95 | 4364 | 5-6 | 1137 | Sat | V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY //8073 | CW | (JPL) |
| M95 | 8073 | 5-6 | 1137 | Sat | V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY //4364 | CW | (JPL) |
| M95 | 4243 | 5-6 | 1147 | Sat | VVV HR 7G TO YR PSE CY VV HR 7G TO YR PSE CY //4243 | CW | (JPL) |
| M95 | 9054 | 5-6 | 1147 | Sat | VVV HR 7G TO YR PSE CY VV HR 7G TO YR PSE CY //4243 | CW | (JPL) |
| M95 | 4364 | 6-6 | 1138 | Sun | V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0411 CK 222 35 0606 A558 = //8073 | CW | (JPL) |
| M95 | 8073 | 6-6 | 1138 | Sun | V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0411 CK 222 35 0606 A558 = //4364 | CW | (JPL) |
| M95 | 4243 | 6-6 | 1139 | Sun | VVV HR 7G TO YR PSE CY NR 066 CK 37 35 0606 1528 = 5AA UTT TT6 3U6 3A4 ... //9054 | CW | (JPL) |
| M95 | 9054 | 6-6 | 1139 | Sun | VVV HR 7G TO YR PSE CY NR 066 CK 37 35 0606 1528 = 5AA UTT TT6 3U6 3A4 ... //4243 | CW | (JPL) |
| M95 | 4243 | 10-6 | 1140 | Thu | i.p. VV HR 7G TO YR PSE CY NR 074 CK 49 35 1533 = //9054 | CW | (JPL) |
| M95 | 9054 | 10-6 | 1140 | Thu | i.p. VV HR 7G TO YR PSE CY NR 074 CK 49 35 1533 = //4243 | CW | (JPL) |
| M95 | 4364 | 10-6 | 1146 | Thu | V BNGC (x3) DE XSV85 (x2) (Note: Q26 only sent on 8073 while CW was only sent on 4364) | CW | (JPL) |
| M95 | 10722 | 12-6 | 1000 | Sat | V YHDX (x3) DE SAQC (x2) | CW | (JPL) |
| M95 | 4364 | 18-6 | 1138 | Fri | V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY (Defective keying) //8073 | CW | (JPL) |
| M95 | 8073 | 18-6 | 1138 | Fri | V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY (Defective keying) //4364 | CW | (JPL) |
| M95 | 4243 | 18-6 | 1146 | Fri | V HR MSG TO YR PSE CY NR 090 CK 29 35 0618 1523 = 5AA UTT TAD 3U6 3A4 5T7 5TD 75U 35A U4T //9054 | CW | (JPL) |
| M95 | 9054 | 18-6 | 1146 | Fri | V HR MSG TO YR PSE CY NR 090 CK 29 35 0618 1523 = 5AA UTT TAD 3U6 3A4 5T7 5TD 75U 35A U4T //4243 | CW | (JPL) |
| M95 | 4364 | 26-6 | 1139 | Sat | V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0464 CK 238 35 0626 1632 = //8073 | CW | (JPL) |
| M95 | 8073 | 26-6 | 1139 | Sat | V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0464 CK 238 35 0626 1632 = //4364 | CW | (JPL) |
| M95 | 4243 | 26-6 | 1148 | Sat | V HR MSG TO YR PSE CY NR 007 CK 41 35 0626 1550 = //9054 | CW | (JPL) |

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|-------------|---------|------|------|-----|---|------------------|----------|
| M95 | 9054 | 26-6 | 1148 | Sat | V HR MSG TO YR PSE CY NR 007 CK 41 35 0626 1550 = //4243 | CW | (JPL) |
| M95 | 3968 | 26-6 | 1553 | Sat | V YHDX (x3) DE SAQC (x2) //6936 | CW | (JPL) |
| M95 | 6936 | 26-6 | 1553 | Sat | V YHDX (x3) DE SAQC (x2) //3968 | CW | (JPL) |
| M95 | 5479 | 29-6 | 1101 | Tue | V YHDX DE SAQC 144 1900 RMKS 9123 TO 9912 = CL/1930/Z=/9123/9912 AR QS.. 2404 1NR 240 SK SK V YHDX DE SAQC //10722 | CW | (JPL) |
| M95 | 10722 | 29-6 | 1101 | Tue | V YHDX DE SAQC 144 1900 RMKS 9123 TO 9912 = CL/1930/Z=/9123/9912 AR QS.. 2404 1NR 240 SK SK V YHDX DE SAQC //5479 | CW | (JPL) |
| M95 | 4364 | 29-6 | 1139 | Tue | V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0470 CK 240 35 0629 1637 = //8073 | CW | (JPL) |
| M95 | 8073 | 29-6 | 1139 | Tue | V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0470 CK 240 35 0629 1637 = //4364 | CW | (JPL) |
| M95 | 4243 | 29-6 | 1148 | Tue | V HR MSG TO YR PSE CY NR 013 CK 50 35 0629 1507 = 5A. UTT TUN 3U6 3A4 5T7 ... //9054 | CW | (JPL) |
| M95 | 9054 | 29-6 | 1148 | Tue | V HR MSG TO YR PSE CY NR 013 CK 50 35 0629 1507 = 5A. UTT TUN 3U6 3A4 5T7 ... //4243 | CW | (JPL) |
| MX | 7508.7 | 11-6 | 0125 | Fri | Beacon D, Sevastopol transmits ER which is D in reverse/negative keying! | CW | (CK) |
| MX | 7508.8 | 11-6 | 1355 | Fri | Beacon P, Kaliningrad | CW | (AB) |
| MX | 8494.7 | 11-6 | 1355 | Fri | Beacon D, Sevastopol transmits RE: negative keying of D | CW | (AB) |
| MX | 8494.8 | 11-6 | 1355 | Fri | Beacon P, Kaliningrad | CW | (AB) |
| MX | 8497.8 | 11-6 | 1355 | Fri | Beacon L, St Petersburg | CW | (AB) |
| MX | 10871.7 | 11-6 | 1355 | Fri | Beacon D, Sevastopol | CW | (CK) |
| MX | 10871.8 | 11-6 | 1355 | Fri | Beacon P, Kaliningrad | CW | (AB) |
| MX | 10871.9 | 11-6 | 1355 | Fri | Beacon S, Sevoromorsk | CW | (AB) |
| MX | 10872.1 | 11-6 | 1355 | Fri | Beacon A, Astrakhan | CW | (AB) |
| MX | 13527.7 | 11-6 | 1355 | Fri | Beacon D, Sevastopol | CW | (CK) |
| MX | 13527.9 | 11-6 | 1355 | Fri | Beacon S, Sevoromorsk | CW | (AB) |
| MX | 13528.1 | 11-6 | 1355 | Fri | Beacon A, Astrakhan | CW | (AB) |
| MX | 16331.9 | 11-6 | 1355 | Fri | Beacon S, Sevoromorsk | CW | (AB) |
| P03e | 5149 | 1-6 | 1725 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 1-6 | 1730 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 14415 | 4-6 | 1440 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 14415 | 4-6 | 1445 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 14415 | 6-6 | 1440 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 6-6 | 1445 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 5149 | 6-6 | 1725 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 6-6 | 1730 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 8-6 | 1725 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 8-6 | 1730 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 14415 | 11-6 | 1440 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 14415 | 11-6 | 1445 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 14415 | 13-6 | 1440 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 13-6 | 1445 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 5149 | 13-6 | 1725 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 13-6 | 1730 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 15-6 | 1725 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 5149 | 15-6 | 1730 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |

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|------|-------|------|------|-----|---------------|-------------------|----------|
| P03e | 14415 | 18-6 | 1440 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 14415 | 18-6 | 1445 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 14415 | 20-6 | 1440 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 20-6 | 1445 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 5149 | 20-6 | 1725 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 5149 | 20-6 | 1730 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 25-6 | 1440 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 25-6 | 1445 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 27-6 | 1440 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 27-6 | 1445 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 5149 | 27-6 | 1725 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 27-6 | 1730 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 29-6 | 1725 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03e | 5149 | 29-6 | 1730 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB) |
| P03f | 13537 | 9-6 | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 9-6 | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 14-6 | 0530 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 14-6 | 0535 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 16-6 | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 16-6 | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 21-6 | 0530 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 21-6 | 0535 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 23-6 | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 23-6 | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 28-6 | 0530 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 28-6 | 0535 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 30-6 | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03f | 13537 | 30-6 | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB) |
| P03j | 17410 | 7-6 | 0630 | Mon | Polish intel. | QPSK 100Bd/504-bp | (AB-POL) |
| P03j | 17410 | 7-6 | 0635 | Mon | Polish intel. | QPSK 100Bd/504-bp | (AB-POL) |
| P03j | 17410 | 9-6 | 0630 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 17410 | 9-6 | 0635 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 9-6 | 1330 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 9-6 | 1335 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 11-6 | 1330 | Fri | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 11-6 | 1335 | Fri | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 17410 | 16-6 | 0630 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 17410 | 16-6 | 0635 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 16-6 | 1330 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB/MPJ) |
| P03j | 16335 | 16-6 | 1335 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB/MPJ) |
| P03j | 17410 | 21-6 | 0630 | Mon | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 17410 | 21-6 | 0635 | Mon | Polish intel. | QPSK 100Bd/504-bp | (AB) |

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|-------------|-------|------|------|-----|---------------|-------------------|----------|
| P03j | 17410 | 23-6 | 0630 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 17410 | 23-6 | 0635 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 23-6 | 1330 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 23-6 | 1335 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 25-6 | 1330 | Fri | Polish intel. | QPSK 100Bd/504-bp | (MPJ) |
| P03j | 16335 | 25-6 | 1335 | Fri | Polish intel. | QPSK 100Bd/504-bp | (MPJ) |
| P03j | 17410 | 28-6 | 0630 | Mon | Polish intel. | QPSK 100Bd/504-bp | (AB-POL) |
| P03j | 17410 | 28-6 | 0635 | Mon | Polish intel. | QPSK 100Bd/504-bp | (AB-POL) |
| P03j | 17410 | 30-6 | 0630 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 17410 | 30-6 | 0635 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB) |
| P03j | 16335 | 30-6 | 1330 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB/MPJ) |
| P03j | 16335 | 30-6 | 1335 | Wed | Polish intel. | QPSK 100Bd/504-bp | (AB/MPJ) |
| P03k | 9130 | 4-6 | 1500 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 9130 | 4-6 | 1505 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 13873 | 5-6 | 1140 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ) |
| P03k | 13873 | 5-6 | 1145 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ) |
| P03k | 16125 | 5-6 | 1600 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ) |
| P03k | 16125 | 5-6 | 1605 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ) |
| P03k | 12385 | 6-6 | 1410 | Sun | Polish intel. | BPSK 100Bd/480bp | (MPJ) |
| P03k | 12385 | 6-6 | 1415 | Sun | Polish intel. | BPSK 100Bd/480bp | (MPJ) |
| P03k | 9130 | 6-6 | 1500 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 6-6 | 1505 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 7-6 | 1410 | Mon | Polish intel. | BPSK 100Bd/480bp | (MPJ) |
| P03k | 12385 | 7-6 | 1415 | Mon | Polish intel. | BPSK 100Bd/480bp | (MPJ) |
| P03k | 16125 | 9-6 | 1600 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 16125 | 9-6 | 1605 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 9130 | 11-6 | 1500 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 9130 | 11-6 | 1505 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 16125 | 12-6 | 1600 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 16125 | 12-6 | 1605 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 12385 | 13-6 | 1410 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 13-6 | 1415 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 13-6 | 1500 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 13-6 | 1505 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 14-6 | 1410 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 14-6 | 1415 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 13873 | 15-6 | 1140 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 13873 | 15-6 | 1145 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 16125 | 16-6 | 1600 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 16125 | 16-6 | 1605 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 18-6 | 1500 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 9130 | 18-6 | 1505 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB) |

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|-------------|-------|------|------|-----|---------------|------------------|--------------|
| P03k | 13873 | 19-6 | 1140 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ-HNG) |
| P03k | 13873 | 19-6 | 1145 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ-HNG) |
| P03k | 16125 | 19-6 | 1600 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 16125 | 19-6 | 1605 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 20-6 | 1410 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 20-6 | 1415 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 20-6 | 1500 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 20-6 | 1505 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 21-6 | 1410 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 21-6 | 1415 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 13873 | 22-6 | 1140 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 13873 | 22-6 | 1145 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 16125 | 23-6 | 1600 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 16125 | 23-6 | 1605 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 11420 | 25-6 | 0530 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 11420 | 25-6 | 0535 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 9130 | 25-6 | 1500 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 25-6 | 1505 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 13873 | 26-6 | 1140 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 13873 | 26-6 | 1145 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 16125 | 26-6 | 1600 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 16125 | 26-6 | 1605 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB) |
| P03k | 12385 | 27-6 | 1410 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 27-6 | 1415 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 27-6 | 1500 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9130 | 27-6 | 1505 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 28-6 | 1410 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 12385 | 28-6 | 1415 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 13873 | 29-6 | 1140 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 13873 | 29-6 | 1145 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 16125 | 30-6 | 1600 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 16125 | 30-6 | 1605 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03I | 8597 | 2-6 | 1120 | Wed | Polish intel. | QPSK 100Bd/464pb | (MPJ) |
| P03I | 8597 | 2-6 | 1125 | Wed | Polish intel. | QPSK 100Bd/464pb | (MPJ) |
| P03I | 8597 | 6-6 | 1120 | Sun | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 6-6 | 1125 | Sun | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 13-6 | 1120 | Sun | Polish intel. | QPSK 100Bd/464pb | (AB/MPJ) |
| P03I | 8597 | 13-6 | 1125 | Sun | Polish intel. | QPSK 100Bd/464pb | (AB/MPJ) |
| P03I | 8597 | 16-6 | 1120 | Wed | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 16-6 | 1125 | Wed | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 20-6 | 1120 | Sun | Polish intel. | QPSK 100Bd/464pb | (AB/MPJ) |
| P03I | 8597 | 20-6 | 1125 | Sun | Polish intel. | QPSK 100Bd/464pb | (AB/MPJ) |

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|-------------|------|------|------|-----|--|----------------------|----------|
| P03I | 8597 | 23-6 | 1120 | Wed | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 23-6 | 1125 | Wed | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 27-6 | 1120 | Sun | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 27-6 | 1125 | Sun | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 30-6 | 1120 | Wed | Polish intel. | QPSK 100Bd/464pb | (AB) |
| P03I | 8597 | 30-6 | 1125 | Wed | Polish intel. | QPSK 100Bd/464pb | (AB) |
| Q26 | 4263 | 3-6 | 1131 | Thu | XSV85 sending messages //6073 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 8073 | 3-6 | 1131 | Thu | XSV85 sending messages //4364 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4243 | 3-6 | 1144 | Thu | Messages //9054 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 9054 | 3-6 | 1144 | Thu | Messages //4243 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4364 | 5-6 | 1132 | Sat | XSV85 sending messages //8073 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 8073 | 5-6 | 1132 | Sat | XSV85 sending messages //4364 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4243 | 5-6 | 1142 | Sat | Messages //9054 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 9054 | 5-6 | 1142 | Sat | Messages //4243 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4364 | 6-6 | 1135 | Sun | XSV85 messages //8073 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 8073 | 6-6 | 1135 | Sun | XSV85 messages //4364 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4243 | 6-6 | 1139 | Sun | Messages //9054 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 9054 | 6-6 | 1139 | Sun | Messages //4243 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 8073 | 10-6 | 1131 | Thu | XSV85 messages //4364 (Note: Q26 only sent on 8073 while CW was only sent on 4364) | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4364 | 18-6 | 1131 | Fri | XSV85 messages //8073 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 8073 | 18-6 | 1131 | Fri | XSV85 messages //4364 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4243 | 18-6 | 1141 | Fri | Messages //9054 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 9054 | 18-6 | 1141 | Fri | Messages //4243 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4364 | 26-6 | 1136 | Sat | XSV85: messages //8073 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 8073 | 26-6 | 1136 | Sat | XSV85: messages //4364 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4243 | 26-6 | 1142 | Sat | Messages //9054 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 9054 | 26-6 | 1142 | Sat | Messages //4243 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4364 | 29-6 | 1131 | Tue | XSV85 messages //8073 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 8073 | 29-6 | 1131 | Tue | XSV85 messages //4364 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 4243 | 29-6 | 1142 | Tue | Messages //9054 | 4+4 QPSK 75/3000 LSB | (JPL) |
| Q26 | 9054 | 29-6 | 1142 | Tue | Messages //4243 | 4+4 QPSK 75/3000 LSB | (JPL) |
| RADv | 3749 | 12-6 | 1412 | Sat | Russian Air Defence. Tracking/bearing messages | USB | (F5JBR) |
| RADv | 4421 | 12-6 | 1428 | Sat | Russian Air Defence. Tracking/bearing messages | USB | (F5JBR) |
| RMv | 5045 | 1-6 | 1412 | Tue | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5146. 16 chasov 15 minut konec svyazi | USB | (AB-POL) |
| RMv | 5045 | 2-6 | 1412 | Wed | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4124. 16 chasov 15 minut konec svyazi | USB | (AB-POL) |
| RMv | 5045 | 3-6 | 1412 | Thu | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6586. 16 chasov 15 minut konec svyazi | USB | (AB-POL) |
| RMv | 5045 | 4-6 | 1414 | Fri | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 1523. 16 chasov 15 minut konec svyazi | USB | (AB-POL) |
| RMv | 5045 | 7-6 | 1412 | Mon | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6593. 16 chasov 15 minut konec svyazi | USB | (AB-POL) |
| RMv | 5045 | 9-6 | 1412 | Wed | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3454. 16 chasov 13 minut, signal ne podtver-zhdal', konec svyazi | USB | (AB-POL) |
| RMv | 5045 | 10-6 | 1412 | Thu | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3159. 16 chasov 14 minut konec svyazi | USB | (AB-POL) |
| RMv | 5045 | 15-6 | 1413 | Tue | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5543. 16 chasov 14 minut konec svyazi | USB | (AB-POL) |

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|------------|-------|------|------|-----|--|-----|----------|
| RMv | 5045 | 16-6 | 1412 | Wed | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 8693. 16 chasov 15 minut konec svyazi | USB | (AB-POL) |
| RMv | 5045 | 17-6 | 1415 | Thu | Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9673. 16 chasov 16 minut konec svyazi | USB | (AB-POL) |
| S06 | 11616 | 1-6 | 0400 | Tue | 480 176 51 54826 03983 69745 ... 60656 92219 22371 176 51 00000 | USB | (PY) |
| S06 | 9322 | 1-6 | 0420 | Tue | 480 176 51 54826 03983 69745 ... 60656 92219 22371 176 51 00000 | USB | (PY) |
| S06 | 7365 | 1-6 | 0730 | Tue | 427 850 6 36903 14112 55678 09775 86415 25910 850 6 00000 | USB | (AB) |
| S06 | 11655 | 1-6 | 0740 | Tue | 427 850 6 36903 14112 55678 09775 86415 25910 850 6 00000 | USB | (AB) |
| S06 | 11616 | 2-6 | 0400 | Wed | 480 953 61 62982 78583 49130 ... 63337 78171 39964 953 61 00000 | USB | (PY) |
| S06 | 9322 | 2-6 | 0420 | Wed | 480 953 61 62982 78583 49130 ... 63337 78171 39964 953 61 00000 | USB | (PY) |
| S06 | 11616 | 3-6 | 0400 | Thu | 480 121 54 42472 23532 38304 ... 89861 09030 66956 121 54 00000 | USB | (PY) |
| S06 | 9322 | 3-6 | 0420 | Thu | 480 (R4m) then silence and transmitter noise. Off at 0431 UTC. No message | USB | (PY) |
| S06 | 16022 | 3-6 | 0830 | Thu | 842 570 39 91315 37058 97055 ... 97732 58191 82251 570 39 00000 | USB | (PY) |
| S06 | 13925 | 3-6 | 0930 | Thu | 842 570 39 91315 37058 97055 ... 97732 58191 82251 570 39 00000 | USB | (PY) |
| S06 | 11616 | 4-6 | 0400 | Fri | 480 763 61 58844 73100 79376 ... 26473 55798 91388 763 61 00000 | USB | (PY) |
| S06 | 9322 | 4-6 | 0420 | Fri | 480 763 61 58844 73100 79376 ... 26473 55798 91388 763 61 00000 | USB | (PY) |
| S06 | 16022 | 4-6 | 0830 | Fri | 842 570 39 91315 37058 97055 ... 97732 58191 82251 570 39 00000 | USB | (AB-RUS) |
| S06 | 16022 | 4-6 | 0830 | Fri | 842 570 39 91315 37058 97055 ... 97732 58191 82251 570 39 00000 | USB | (PY) |
| S06 | 13934 | 4-6 | 0930 | Fri | 842 570 39 91315 37058 97055 ... 97732 58191 82251 570 39 00000 | USB | (PY) |
| S06 | 7561 | 4-6 | 2100 | Fri | 768 768 768 00000 | USB | (AB) |
| S06 | 11616 | 7-6 | 0400 | Mon | 480 259 60 64729 46735 91637 ... 01169 62378 18244 259 60 00000 | USB | (PY) |
| S06 | 9322 | 7-6 | 0424 | Mon | 480 259 60 64729 46735 91637 ... 01169 62378 18244 259 60 00000 | USB | (PY) |
| S06 | 11616 | 8-6 | 0400 | Tue | 480 637 56 94102 97619 12109 ... 80200 76418 50699 637 56 00000 Multitone glissando in TX noise after voice transmission | USB | (PY) |
| S06 | 9322 | 8-6 | 0420 | Tue | 480 637 56 94102 97619 12109 ... 80200 76418 50699 637 56 00000 Irregularly sliding feedback in TX noise after voice transmission | USB | (PY) |
| S06 | 5430 | 8-6 | 0700 | Tue | 452 901 6 89758 52343 79628 42432 56075 56281 901 6 00000 | USB | (AB) |
| S06 | 6780 | 8-6 | 0710 | Tue | 452 901 6 89758 52343 79628 42432 56075 56281 901 6 00000 | USB | (AB) |
| S06 | 7365 | 8-6 | 0730 | Tue | 427 850 6 36903 14112 55678 09775 86415 25910 850 6 00000 | USB | (AB) |
| S06 | 11655 | 8-6 | 0740 | Tue | 427 850 6 36903 14112 55678 09775 86415 25910 850 6 00000 | USB | (AB) |
| S06 | 6810 | 8-6 | 1100 | Tue | 265 481 7 52401 63919 92699 14600 74248 48754 61722 481 7 00000 | USB | (AB) |
| S06 | 7560 | 8-6 | 1110 | Tue | 265 481 7 52401 63919 92699 14600 74248 48754 61722 481 7 00000 | USB | (AB) |
| S06 | 11616 | 9-6 | 0400 | Wed | 480 519 60 51188 97549 09311 ... 31038 65875 31109 519 60 00000 Transmission problems at the beginning of callup, then sliding feedback between every group and after voice transmission | USB | (PY) |
| S06 | 9322 | 9-6 | 0420 | Wed | 480 519 60 51188 97549 09311 ... 31038 65875 31109 519 60 00000 Sliding feedback in TX noise before and after voice transmission, and during pauses | USB | (PY) |
| S06 | 11616 | 10-6 | 0400 | Thu | 480 326 59 79409 01204 30654 ... 36049 07631 72885 326 59 00000 | USB | (PY) |
| S06 | 9322 | 10-6 | 0420 | Thu | 480 326 59 79409 01204 30654 ... 36049 07631 72885 326 59 00000 | USB | (PY) |
| S06 | 16022 | 10-6 | 0830 | Thu | 842 936 40 85668 84648 66638 ... 20015 98829 33504 936 40 00000 | USB | (PY) |
| S06 | 13934 | 10-6 | 0930 | Thu | 842 936 40 85668 84648 66638 ... 20015 98829 33504 936 40 00000 | USB | (PY) |
| S06 | 11616 | 11-6 | 0400 | Fri | 480 179 56 31590 41182 21512 ... 27889 76047 87312 179 56 00000 Dirty transmitter noise | USB | (PY) |
| S06 | 9322 | 11-6 | 0420 | Fri | 480 179 56 31590 41182 21512 ... 27889 76047 87312 179 56 00000 | USB | (PY) |
| S06 | 16022 | 11-6 | 0830 | Fri | 842 936 40 85668 84648 66638 ... 20015 98829 33504 936 40 00000 | USB | (PY) |
| S06 | 13931 | 11-6 | 0930 | Fri | 842 936 40 85668 84648 66638 ... 20015 98829 33504 936 40 00000 | USB | (PY) |

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|------|-------|------|------|-----|--|-----|------------|
| S06 | 11616 | 15-6 | 0400 | Tue | 480 532 53 29837 83710 05623 ... 88769 30456 26876 532 53 00000 | USB | (PY) |
| S06 | 9322 | 15-6 | 0420 | Tue | 480 532 53 29837 83710 05623 ... 88769 30456 26876 532 53 00000 | USB | (PY) |
| S06 | 7365 | 15-6 | 0730 | Tue | 427 839 5 35673 81934 68010 61121 02105 839 5 00000 | USB | (AB) |
| S06 | 11655 | 15-6 | 0740 | Tue | 427 839 5 35673 81934 68010 61121 02105 839 5 00000 | USB | (AB) |
| S06 | 11616 | 16-6 | 0400 | Wed | 480 967 62 54220 85923 74580 ... 99747 68833 24483 967 62 00000 | USB | (PY) |
| S06 | 9322 | 16-6 | 0420 | Wed | 480 967 62 54220 85923 74580 ... 99747 68833 24483 967 62 00000 | USB | (PY) |
| S06 | 11616 | 17-6 | 0400 | Thu | 480 512 60 61926 94321 41476 ... 94329 22148 31444 512 60 00000 | USB | (PY) |
| S06 | 9322 | 17-6 | 0420 | Thu | 480 512 60 61926 94321 41476 ... 94329 22148 31444 512 60 00000 | USB | (PY) |
| S06 | 16022 | 17-6 | 0830 | Thu | 842 537 41 10249 89256 27461 ... 08212 31739 61073 537 41 00000 | USB | (PY) |
| S06 | 13925 | 17-6 | 0930 | Thu | 842 537 41 10249 89256 27461 ... 08212 31739 61073 537 41 00000 | USB | (PY) |
| S06 | 11616 | 18-6 | 0400 | Fri | 480 636 52 90539 82964 80077 ... 59099 46634 07296 636 52 00000 | USB | (PY) |
| S06 | 9322 | 18-6 | 0420 | Fri | 480 636 52 90539 82964 80077 ... 59099 46634 07296 636 52 00000 | USB | (PY) |
| S06 | 16022 | 18-6 | 0830 | Fri | 842 537 41 10249 89256 27461 ... 08212 31739 61073 537 41 00000 | USB | (PY) |
| S06 | 13925 | 18-6 | 0930 | Fri | 842 537 41 10249 89256 27461 ... 08212 31739 61073 537 41 00000 | USB | (PY) |
| S06 | 9485 | 18-6 | 2000 | Fri | 768 492 56 45670 43473 46847 ... 29526 62095 74800 492 56 00000 | USB | (AB) |
| S06 | 7561 | 18-6 | 2100 | Fri | 768 492 56 45670 43473 46847 ... 29526 62095 74800 492 56 00000 | USB | (AB) |
| S06 | 11616 | 21-6 | 0400 | Mon | 480 971 54 17988 30605 45243 ... 78424 73712 53167 971 54 00000 | USB | (PY) |
| S06 | 9322 | 21-6 | 0420 | Mon | 480 off during callup | USB | (PY) |
| S06 | 11616 | 22-6 | 0400 | Tue | 480 523 60 46457 30593 47147 ... 64331 26074 66638 523 60 00000 | USB | (PY/HFD-J) |
| S06 | 9322 | 22-6 | 0420 | Tue | 480 523 60 46457 30593 47147 ... 64331 26074 66638 523 60 00000 | USB | (PY/HFD-J) |
| S06 | 7365 | 22-6 | 0730 | Tue | 427 839 5 35673 81934 68010 61121 02105 839 5 00000 | USB | (AB) |
| S06 | 11655 | 22-6 | 0740 | Tue | 427 839 5 35673 81934 68010 61121 02105 839 5 00000 | USB | (AB) |
| S06 | 11616 | 23-6 | 0400 | Wed | 480 719 67 35844 82087 45010 ... 30261 29190 22792 719 67 00000 | USB | (PY) |
| S06 | 9322 | 23-6 | 0420 | Wed | 480 719 67 35844 82087 45010 ... 30261 29190 22792 719 67 00000 | USB | (PY) |
| S06 | 11616 | 24-6 | 0400 | Thu | 480 480 480 00000 (repeated) 525 55 41885 42522 84915 ... 78973 50186 27628 525 55 00000 | USB | (PY) |
| S06 | 9322 | 24-6 | 0420 | Thu | 480 525 55 41885 42522 84915 ... 78973 50186 27628 525 55 00000 | USB | (PY) |
| S06 | 16022 | 24-6 | 0830 | Thu | 842 691 42 65045 26697 98661 ... 86957 59422 43215 691 42 00000 | USB | (PY) |
| S06 | 13925 | 24-6 | 0930 | Thu | 842 691 42 65045 26697 98661 ... 86957 59422 43215 691 42 00000 | USB | (PY) |
| S06 | 11616 | 25-6 | 0400 | Fri | 480 673 51 00350 29845 17705 ... 86423 77240 87976 673 51 00000 | USB | (PY) |
| S06 | 9322 | 25-6 | 0420 | Fri | 480 673 51 00350 29845 17705 ... 86423 77240 87976 673 51 00000 | USB | (PY) |
| S06 | 16022 | 25-6 | 0830 | Fri | 842 691 42 65045 26697 98661 ... 86957 59422 43215 691 42 00000 | USB | (PY) |
| S06 | 13931 | 25-6 | 0930 | Fri | 842 691 42 65045 26697 98661 ... 86957 59422 43215 691 42 00000 | USB | (PY) |
| S06 | 9322 | 28-6 | 0420 | Mon | 480 195 55 68471 38185 27284 ... 09836 60951 82852 195 55 00000 | USB | (AB-J) |
| S06 | 11616 | 29-6 | 0400 | Tue | 480 362 53 01026 80184 96909 ... 84037 22084 17713 362 362 53 53 00000 | USB | (PY) |
| S06 | 9322 | 29-6 | 0420 | Tue | 480 362 53 01026 80184 96909 ... 84037 22084 17713 362 362 53 53 00000 | USB | (PY) |
| S06 | 7365 | 29-6 | 0730 | Tue | 427 427 427 00000 | USB | (AB) |
| S06 | 11655 | 29-6 | 0740 | Tue | 427 427 427 00000 | USB | (AB) |
| S06 | 11616 | 30-6 | 0400 | Wed | 480 197 53 58213 22427 67300 ... 01316 03816 22860 197 53 00000 | USB | (AB-J) |
| S06 | 9322 | 30-6 | 0420 | Wed | 480 197 53 58213 22427 67300 ... 01316 03816 22860 197 53 00000 | USB | (AB-J) |
| S06s | 5430 | 1-6 | 0700 | Tue | 452 901 6 89758 52343 79628 42432 56075 56281 901 6 00000 | USB | (AB) |
| S06s | 6780 | 1-6 | 0710 | Tue | 452 901 6 89758 52343 79628 42432 56075 56281 901 6 00000 | USB | (AB) |
| S06s | 6810 | 1-6 | 1100 | Tue | 265 481 7 52401 63919 92699 14600 74248 48754 61722 481 7 00000 | USB | (AB) |

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|------|-------|------|------|-----|---|------|-----------|
| S06s | 7560 | 1-6 | 1110 | Tue | 265 481 7 52401 63919 92699 14600 74248 48754 61722 481 7 00000 | USB | (AB) |
| S06s | 11565 | 2-6 | 0830 | Wed | 464 291 5 46062 68672 97478 39685 30495 291 5 00000 | USB | (AB) |
| S06s | 12560 | 2-6 | 0840 | Wed | 464 291 5 46062 68672 97478 39685 30495 291 5 00000 | USB | (AB) |
| S06s | 11530 | 3-6 | 0730 | Thu | 172 936 5 56069 96813 14199 59354 24042 936 5 00000 | USB | (AB) |
| S06s | 14977 | 3-6 | 0740 | Thu | 172 936 5 56069 96813 14199 59354 24042 936 5 00000 | USB | (AB) |
| S06s | 9255 | 3-6 | 0930 | Thu | 698 251 7 41736 25910 56281 63156 05371 42036 01563 251 7 00000 | USB | (AB) |
| S06s | 10325 | 3-6 | 0940 | Thu | 698 251 7 41736 25910 56281 63156 05371 42036 01563 251 7 00000 | USB | (AB) |
| S06s | 13145 | 3-6 | 1200 | Thu | 175 290 6 67440 23247 16946 80744 21816 60612 290 6 00000 | USB | (AB) |
| S06s | 14535 | 3-6 | 1210 | Thu | 175 290 6 67440 23247 16946 80744 21816 60612 290 6 00000 | USB | (AB) |
| S06s | 10290 | 4-6 | 0830 | Fri | 156 942 7 21767 53672 11834 81022 36903 41412 55678 942 7 00000 | USB | (AB) |
| S06s | 9655 | 4-6 | 0840 | Fri | 156 942 7 21767 53672 11834 81022 36903 41412 55678 942 7 00000 | USB | (AB) |
| S06s | 6844 | 4-6 | 0900 | Fri | 239 418 5 88620 56069 61732 47537 57440 418 5 00000 | USB | (AB) |
| S06s | 7161 | 4-6 | 0910 | Fri | 239 418 5 88620 56069 61732 47537 57440 418 5 00000 | USB | (AB) |
| S06s | 9475 | 4-6 | 2000 | Fri | 768 768 768 00000 | USB | (AB) |
| S06s | 12460 | 5-6 | 0800 | Sat | 132 804 5 68734 24316 57684 79734 23412 804 5 00000 | USB | (AB) |
| S06s | 10250 | 5-6 | 0810 | Sat | 132 804 5 68734 24316 57684 79734 23412 804 5 00000 | USB | (AB) |
| S06s | 16320 | 7-6 | 0630 | Mon | 462 509 7 52401 63919 92699 14500 74248 48754 65125 509 7 00000 | USB | (AB) |
| S06s | 14875 | 7-6 | 0640 | Mon | 462 509 7 52401 63919 92699 14500 74248 48754 65125 509 7 00000 | USB | (AB) |
| S06s | 8221 | 7-6 | 0830 | Mon | 764 903 5 39534 17228 15636 4789123247 903 5 00000 | USB | (AB) |
| S06s | 9353 | 7-6 | 0840 | Mon | 764 903 5 39534 17228 15636 4789123247 903 5 00000 | USB | (AB) |
| S06s | 16380 | 7-6 | 0900 | Mon | 232 967 5 88146 57856 98835 46186 16945 967 5 00000 | USB | (AnEur) |
| S06s | 14835 | 7-6 | 0910 | Mon | 232 967 5 88146 57856 98835 46186 16945 967 5 00000 | USB | (AnEur) |
| S06s | 10230 | 7-6 | 1200 | Mon | 149 832 5 11171 64385 82707 06123 22536 832 5 00000 | USB | (MPJ) |
| S06s | 12165 | 7-6 | 1210 | Mon | 149 832 5 11171 64385 82707 06123 22536 832 5 00000 | USB | (MPJ) |
| S06s | 14373 | 8-6 | 0800 | Tue | 127 839 5 17099 94961 35826 65906 77233 839 5 00000 | (AB) | (AB) |
| S06s | 12935 | 8-6 | 0810 | Tue | 127 839 5 17099 94961 35826 65906 77233 839 5 00000 | (AB) | (AB) |
| S06S | 4820 | 8-6 | 1000 | Tue | 427 806 5 11171 ... | | (HFD-UKR) |
| S06S | 5660 | 8-6 | 1010 | Tue | 427 806 5 11171 ... | | (HFD-UKR) |
| S06s | 11565 | 9-6 | 0830 | Wed | 464 291 5 46062 68672 97478 39685 30495 291 5 00000 | USB | (AB) |
| S06s | 12560 | 9-6 | 0840 | Wed | 464 291 5 46062 68672 97478 39685 30495 291 5 00000 | USB | (AB) |
| S06s | 14580 | 9-6 | 1000 | Wed | 276 931 5 88620 58069 62732 74537 57440 931 5 00000 | USB | (AB) |
| S06s | 16020 | 9-6 | 1010 | Wed | 276 931 5 88620 58069 62732 74537 57440 931 5 00000 | USB | (AB) |
| S06s | 11530 | 10-6 | 0730 | Thu | 172 936 5 56069 96813 14199 59354 24042 936 5 00000 | USB | (AB) |
| S06s | 14977 | 10-6 | 0740 | Thu | 172 936 5 56069 96813 14199 59354 24042 936 5 00000 | USB | (AB) |
| S06s | 9255 | 10-6 | 0930 | Thu | 698 251 7 41736 25910 56281 63156 05371 42036 01563 251 7 00000 | USB | (AB) |
| S06s | 10325 | 10-6 | 0940 | Thu | 698 251 7 41736 25910 56281 63156 05371 42036 01563 251 7 00000 | USB | (AB) |
| S06s | 13145 | 10-6 | 1200 | Thu | 175 290 6 67440 23247 16946 80744 21816 60612 290 6 00000 | USB | (AB) |
| S06s | 14535 | 10-6 | 1210 | Thu | 175 290 6 67440 23247 16946 80744 21816 60612 290 6 00000 | USB | (AB) |
| S06s | 10290 | 11-6 | 0830 | Fri | 156 942 7 21767 53672 11834 81022 36903 41412 55678 942 7 00000 | USB | (AB) |
| S06s | 9655 | 11-6 | 0840 | Fri | 156 942 7 21767 53672 11834 81022 36903 41412 55678 942 7 00000 | USB | (AB) |
| S06s | 6844 | 11-6 | 0900 | Fri | 239 418 5 88620 56069 61732 47537 57440 418 5 00000 | USB | (AB) |
| S06s | 7161 | 11-6 | 0910 | Fri | 239 418 5 88620 56069 61732 47537 57440 418 5 00000 | USB | (AB) |

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|------|-------|------|------|-----|---|------|----------|
| S06s | 16320 | 14-6 | 0630 | Mon | 462 509 7 52401 63919 92699 14600 74248 48754 65125 509 7 00000 | USB | (AB) |
| S06s | 14875 | 14-6 | 0640 | Mon | 462 509 7 52401 63919 92699 14500 74248 48754 65125 509 7 00000 | USB | (AB) |
| S06s | 8221 | 14-6 | 0830 | Mon | 764 903 5 39534 17228 15636 4789123247 903 5 00000 | USB | (AB) |
| S06s | 9353 | 14-6 | 0840 | Mon | 764 903 5 39534 17228 15636 4789123247 903 5 00000 | USB | (AB) |
| S06s | 16380 | 14-6 | 0900 | Mon | 232 967 5 88146 57856 98835 46186 16945 967 5 00000 | USB | (AB) |
| S06s | 14835 | 14-6 | 0910 | Mon | 232 967 5 88146 57856 98835 46186 16945 967 5 00000 | USB | (AB) |
| S06s | 10230 | 14-6 | 1200 | Mon | 149 832 5 11171 64385 82707 06123 22536 832 5 00000 | USB | (AB/MPJ) |
| S06s | 12165 | 14-6 | 1210 | Mon | 149 832 5 11171 64385 82707 06123 22536 832 5 00000 | USB | (AB/MPJ) |
| S06s | 5430 | 15-6 | 0700 | Tue | 452 813 6 60196 68094 59162 07574 05647 46214 813 6 00000 | USB | (AB-POL) |
| S06s | 6780 | 15-6 | 0710 | Tue | 452 813 6 60196 68094 59162 07574 05647 46214 813 6 00000 | USB | (AB-POL) |
| S06s | 14373 | 15-6 | 0800 | Tue | 127 489 5 37528 47373 40174 92159 01727 489 5 00000 | (AB) | (AB) |
| S06s | 12935 | 15-6 | 0810 | Tue | 127 489 5 37528 47373 40174 92159 01727 489 5 00000 | (AB) | (AB) |
| S06s | 6810 | 15-6 | 1100 | Tue | 265 483 7 07574 95647 46214 76897 22282 18313 09213 483 7 00000 | USB | (AB) |
| S06s | 7560 | 15-6 | 1110 | Tue | 265 483 7 07574 95647 46214 76897 22282 18313 09213 483 7 00000 | USB | (AB) |
| S06s | 11565 | 16-6 | 0830 | Wed | 464 871 5 22192 27868 19761 57217 91858. Restart at 0836 UTC: 464 22192 27868 19761 57217 91858 871 5 00000 | USB | (AB) |
| S06s | 12560 | 16-6 | 0843 | Wed | 464 871 5 22192 27868 19761 57217 91858 871 5 00000. Late start | USB | (AB) |
| S06s | 14580 | 16-6 | 1000 | Wed | 276 908 5 35673 48057 13361 19474 34978 908 5 00000 | USB | (AB) |
| S06s | 16020 | 16-6 | 1010 | Wed | 276 908 5 35673 48057 13361 19474 34978 908 5 00000 | USB | (AB) |
| S06s | 11530 | 17-6 | 0730 | Thu | 172 843 5 46062 68672 97478 39685 30485 843 5 00000 | USB | (AB) |
| S06s | 14977 | 17-6 | 0740 | Thu | 172 843 5 46062 68672 97478 39685 30485 843 5 00000 | USB | (AB) |
| S06s | 9255 | 17-6 | 0930 | Thu | 698 427 5 33796 13577 74526 46647 79302 427 5 00000 | USB | (AB) |
| S06s | 10325 | 17-6 | 0940 | Thu | 698 427 5 33796 13577 74526 46647 79302 427 5 00000 | USB | (AB) |
| S06s | 13145 | 17-6 | 1200 | Thu | 175 409 6 52401 63919 92699 14600 74248 48754 409 6 00000 | USB | (AB) |
| S06s | 14535 | 17-6 | 1210 | Thu | 175 409 6 52401 63919 92699 14600 74248 48754 409 6 00000 | USB | (AB) |
| S06s | 10290 | 18-6 | 0830 | Fri | 156 938 7 13621 26252 92098 44817 89106 16393 56723 938 7 00000 | USB | (AB) |
| S06s | 9655 | 18-6 | 0840 | Fri | 156 938 7 13621 26252 92098 44817 89106 16393 56723 938 7 00000 | USB | (AB) |
| S06s | 6844 | 18-6 | 0900 | Fri | 239 407 5 17613 74220 56381 16458 39354 407 5 00000 | USB | (AB) |
| S06s | 7161 | 18-6 | 0910 | Fri | 239 407 5 17613 74220 56381 16458 39354 407 5 00000 | USB | (AB) |
| S06s | 16320 | 21-6 | 0630 | Mon | 462 831 5 46062 68672 97478 39685 30485 831 5 00000 | USB | (AB) |
| S06s | 14875 | 21-6 | 0640 | Mon | 462 831 5 46062 68672 97478 39685 30485 831 5 00000 | USB | (AB) |
| S06s | 8221 | 21-6 | 0830 | Mon | 764 912 5 52401 63819 92699 14600 74248 912 5 00000 | USB | (AB) |
| S06s | 9353 | 21-6 | 0840 | Mon | 764 912 5 52401 63819 92699 14600 74248 912 5 00000 | USB | (AB) |
| S06s | 16380 | 21-6 | 0900 | Mon | 232 970 5 88620 58069 61732 74537 57440 970 5 00000 | USB | (AB) |
| S06s | 14835 | 21-6 | 0910 | Mon | 232 970 5 88620 58069 61732 74537 57440 970 5 00000 | USB | (AB) |
| S06s | 10230 | 21-6 | 1200 | Mon | 149 872 5 22234 22521 21587 27149 87375 872 5 00000 | USB | (AB/MPJ) |
| S06s | 12165 | 21-6 | 1210 | Mon | 149 872 5 22234 22521 21587 27149 87375 872 5 00000 | USB | (AB/MPJ) |
| S06s | 15945 | 22-6 | 0600 | Tue | 438 916 5 33796 13577 74526 46637 79202 916 5 00000 | USB | (AB) |
| S06s | 16945 | 22-6 | 0610 | Tue | 438 916 5 33796 13577 74526 46637 79202 916 5 00000 | USB | (AB) |
| S06s | 5430 | 22-6 | 0700 | Tue | 452 813 6 60196 68094 59163 07574 05647 46214 813 6 00000 | USB | (AB-POL) |
| S06s | 6780 | 22-6 | 0710 | Tue | 452 813 6 60196 68094 59163 07574 05647 46214 813 6 00000 | USB | (AB-POL) |
| S06s | 14373 | 22-6 | 0800 | Tue | 127 489 5 37528 47373 40174 92159 01727 489 5 00000 | (AB) | (AB) |

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|------|-------|------|------|-----|---|------|----------|
| S06s | 12935 | 22-6 | 0810 | Tue | 127 489 5 37528 47373 40174 92159 01727 489 5 00000 | (AB) | (AB) |
| S06s | 4820 | 22-6 | 1000 | Tue | 427 901 5 31960 56970 32452 43712 46084 901 5 00000 | USB | (AB) |
| S06s | 5660 | 22-6 | 1010 | Tue | 427 901 5 31960 56970 32452 43712 46084 901 5 00000 | USB | (AB) |
| S06s | 6810 | 22-6 | 1100 | Tue | 265 483 7 07574 95647 46214 76897 22282 18313 09213 483 7 00000 | USB | (AB) |
| S06s | 7560 | 22-6 | 1110 | Tue | 265 483 7 07574 95647 46214 76897 22282 18313 09213 483 7 00000 | USB | (AB) |
| S06s | 11565 | 23-6 | 0830 | Wed | 464 871 5 22192 27868 19761 57217 91858 871 5 00000 | USB | (AB) |
| S06s | 12560 | 23-6 | 0840 | Wed | 464 871 5 22192 27868 19761 57217 91858 871 5 00000 | USB | (AB) |
| S06s | 14580 | 23-6 | 1000 | Wed | 276 908 5 35673 48057 13361 19474 34978 908 5 00000 | USB | (AB) |
| S06s | 16020 | 23-6 | 1010 | Wed | 276 908 5 35673 48057 13361 19474 34978 908 5 00000 | USB | (AB) |
| S06s | 11530 | 24-6 | 0730 | Thu | 172 stopped at 0732 UTC | USB | (AB) |
| S06s | 14977 | 24-6 | 0740 | Thu | 172 843 5 46062 68672 97478 39685 30485 843 5 00000 | USB | (AB) |
| S06s | 9255 | 24-6 | 0930 | Thu | 698 427 5 33796 13577 74526 46647 79302 427 5 00000 | USB | (AB) |
| S06s | 10325 | 24-6 | 0940 | Thu | 698 427 5 33796 13577 74526 46647 79302 427 5 00000 | USB | (AB) |
| S06s | 13145 | 24-6 | 1200 | Thu | 175 409 6 52401 63919 92699 14600 74248 48754 409 6 00000 | USB | (AB) |
| S06s | 14535 | 24-6 | 1210 | Thu | 175 409 6 52401 63919 92699 14600 74248 48754 409 6 00000 | USB | (AB) |
| S06s | 10290 | 25-6 | 0830 | Fri | 156 938 7 13621 26252 92098 44817 89106 16393 56723 938 7 00000 | USB | (AB) |
| S06s | 9655 | 25-6 | 0840 | Fri | 156 938 7 13621 26252 92098 44817 89106 16393 56723 938 7 00000 | USB | (AB) |
| S06s | 6844 | 25-6 | 0900 | Fri | 239 407 5 17613 74220 56381 16458 39354 407 5 00000 | USB | (AB) |
| S06s | 7161 | 25-6 | 0910 | Fri | 239 407 5 17613 74220 56381 16458 39354 407 5 00000 | USB | (AB) |
| S06s | 14875 | 28-6 | 0640 | Mon | 462 831 5 46062 68672 97478 39685 30485 831 5 00000 | USB | (AB) |
| S06s | 8221 | 28-6 | 0830 | Mon | 764 912 5 52401 63819 92699 14600 74248 912 5 00000 | USB | (AB) |
| S06s | 9353 | 28-6 | 0840 | Mon | 764 912 5 52401 63819 92699 14600 74248 912 5 00000 | USB | (AB) |
| S06s | 16380 | 28-6 | 0900 | Mon | 232 970 5 88620 58069 61732 74537 57440 970 5 00000 | USB | (AB) |
| S06s | 14835 | 28-6 | 0910 | Mon | 232 970 5 88620 58069 61732 74537 57440 970 5 00000 | USB | (AB) |
| S06s | 10230 | 28-6 | 1200 | Mon | 149 872 5 22234 22521 21587 27149 87375 872 5 00000 | AM | (AB/MPJ) |
| S06s | 12165 | 28-6 | 1210 | Mon | 149 872 5 22234 22521 21587 27149 87375 872 5 00000 | AM | (AB/MPJ) |
| S06s | 15945 | 29-6 | 0600 | Tue | 438 916 5 33796 13577 74526 46637 79202 916 5 00000 | USB | (AB) |
| S06s | 16945 | 29-6 | 0610 | Tue | 438 916 5 33796 13577 74526 46637 79202 916 5 00000 | USB | (AB) |
| S06s | 5430 | 29-6 | 0700 | Tue | 452 452 452 00000 | USB | (AB-UKR) |
| S06s | 6780 | 29-6 | 0710 | Tue | 452 452 452 00000 | USB | (AB) |
| S06s | 14373 | 29-6 | 0800 | Tue | 127 127 127 00000 | (AB) | (AB) |
| S06s | 12935 | 29-6 | 0810 | Tue | 127 127 127 00000 | (AB) | (AB) |
| S06s | 4820 | 29-6 | 1000 | Tue | 427 427 427 00000 | USB | (AB-POL) |
| S06s | 5660 | 29-6 | 1010 | Tue | 427 427 427 00000 | USB | (AB-POL) |
| S06s | 6810 | 29-6 | 1100 | Tue | 265 265 265 00000 | USB | (AB-POL) |
| S06s | 7560 | 29-6 | 1110 | Tue | 265 265 265 00000 | USB | (AB-POL) |
| S06s | 11565 | 30-6 | 0830 | Wed | 464 464 464 00000 | USB | (AB) |
| S06s | 12560 | 30-6 | 0840 | Wed | 464 464 464 00000 | USB | (AB) |
| S06s | 14580 | 30-6 | 1000 | Wed | 276 276 276 00000 | USB | (AB) |
| S06s | 16020 | 30-6 | 1010 | Wed | 276 276 276 00000 | USB | (AB) |
| S11a | 12457 | 2-6 | 1850 | Wed | 288/00 | USB | (AB/MPJ) |
| S11a | 9339 | 3-6 | 0700 | Thu | 475/00 | USB | (AB) |

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|------|-------|------|------|-----|--|-----|----------|
| S11a | 18168 | 3-6 | 1045 | Thu | 381/00 | USB | (PY/HFD) |
| S11A | 18168 | 3-6 | 1045 | Thu | 381/00 | | (HFD) |
| S11a | 6814 | 4-6 | 0915 | Fri | 482/00 | USB | (AB) |
| S11a | 5149 | 5-6 | 0830 | Sat | 376/33 Vnimanaye 46740 74651 03563 ... 28219 79911 01113 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 12457 | 5-6 | 1850 | Sat | 281/00 | USB | (AB/MPJ) |
| S11a | 5149 | 6-6 | 0830 | Sun | 376/33 Vnimanaye 46740 74651 03563 ... 28219 79911 01113 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 13537 | 7-6 | 0510 | Mon | 659/00 | USB | (ES) |
| S11a | 9339 | 7-6 | 0700 | Mon | 476/00 | USB | (AB) |
| S11a | 6814 | 7-6 | 0915 | Mon | 486/00 | USB | (AB) |
| S11a | 10125 | 8-6 | 1020 | Tue | 427/00 | USB | (AB) |
| S11a | 18168 | 8-6 | 1045 | Tue | 384/00 | USB | (AB) |
| S11a | 12457 | 9-6 | 1850 | Wed | 286/00 | USB | (AB-POL) |
| S11a | 9339 | 10-6 | 0700 | Thu | 476/00 | USB | (AB) |
| S11a | 18168 | 10-6 | 1045 | Thu | 381/00 | USB | (PY) |
| S11a | 6814 | 11-6 | 0915 | Fri | 480/00 | USB | (AB) |
| S11a | 10125 | 11-6 | 1020 | Fri | 424/00 | USB | (AB) |
| S11a | 5149 | 12-6 | 0830 | Sat | 372/00 | USB | (AB) |
| S11a | 12457 | 12-6 | 1850 | Sat | 284/00 | USB | (AB) |
| S11a | 13537 | 14-6 | 0510 | Mon | 656/40 Vnimanaye 22522 47495 46296 ... 85686 07928 52203 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 9339 | 14-6 | 0700 | Mon | 479/00 | USB | (AB) |
| S11a | 6814 | 14-6 | 0915 | Mon | 481/00 | USB | (AB) |
| S11a | 10125 | 15-6 | 1020 | Tue | 429/00 | USB | (AB) |
| S11a | 13547 | 16-6 | 0510 | Wed | 656/40 Vnimanaye 22522 47495 46296 ... 85686 07928 52203 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 12457 | 16-6 | 1850 | Wed | 285/34 Vnimanaye 75222 39636 94586 ... 75459 87955 93180 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 9339 | 17-6 | 0700 | Thu | 471/00 | USB | (AB) |
| S11a | 18168 | 17-6 | 1045 | Thu | 389/37 Vnimanaye 46207 92171 60732 ... 67535 72584 80874 Vnimanaye (message repeated) Konets | USB | (PY) |
| S11a | 6814 | 18-6 | 0915 | Fri | 480/00 | USB | (AB) |
| S11a | 10125 | 18-6 | 1020 | Fri | 429/00 | USB | (AB) |
| S11a | 5149 | 19-6 | 0830 | Sat | 371/00 | USB | (AB) |
| S11a | 12457 | 19-6 | 1850 | Sat | 285/34 Vnimanaye 75222 39636 94586 ... 75459 87955 93180 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 13537 | 21-6 | 0510 | Mon | 652/00 | USB | (AB) |
| S11a | 9339 | 21-6 | 0700 | Mon | 470/39 Vnimanaye 68221 80862 04000 ... 32023 07150 43973 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 6814 | 21-6 | 0915 | Mon | 481/38 Vnimanaye 35352 24359 42324 ... 52148 92438 60455 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 13537 | 22-6 | 0510 | Tue | 654/00 | | (HFD) |
| S11a | 10125 | 22-6 | 1020 | Tue | 426/00 | USB | (AB) |
| S11a | 18168 | 22-6 | 1045 | Tue | 387/00 | USB | (AB) |
| S11a | 13547 | 23-6 | 0510 | Wed | 652/00 | USB | (AB) |
| S11a | 12457 | 23-6 | 1850 | Wed | 286/00 | USB | (AB) |
| S11a | 9339 | 24-6 | 0700 | Thu | 470/39 Vnimanaye 68221 80862 04000 ... 32023 07150 43973 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 18168 | 24-6 | 1045 | Thu | 389/00 | USB | (AB) |
| S11a | 6814 | 25-6 | 0915 | Fri | 481/38 Vnimanaye 35352 24359 42324 ... 52148 92438 60455 Vnimanaye (message repeated) Konets | USB | (AB) |
| S11a | 10125 | 25-6 | 1020 | Fri | 420/00 | USB | (AB) |

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|-------------|-------|------|------|-----|--|-----------|--------------|
| S11a | 5149 | 26-6 | 0830 | Sat | 372/00 | USB | (AB) |
| S11a | 12457 | 26-6 | 1850 | Sat | 280/00 | USB | (AB) |
| S11a | 13537 | 28-6 | 0510 | Mon | 659/00 | USB | (AB) |
| S11a | 9339 | 28-6 | 0700 | Mon | 475/00 | USB | (AB) |
| S11a | 6814 | 28-6 | 0915 | Mon | 482/00 | USB | (AB) |
| S11a | 10125 | 29-6 | 1020 | Tue | 426/00 | USB | (AB) |
| S11a | 18168 | 29-6 | 1045 | Tue | 387/00 | USB | (AB) |
| S11a | 13547 | 30-6 | 0510 | Wed | 650/00 | USB | (AB) |
| S11a | 12457 | 30-6 | 1850 | Wed | 288/00 | USB | (AB) |
| S30 | 5448 | 25-6 | 0910 | Fri | JV1B 52680 MODYeLIZM 8207 5144 (wrong callsign) | USB | (Gwr) |
| SK01 | 11530 | 17-6 | 1729 | Thu | 47733á88342á44164á71864á33617á20801 Callsign 2A1B3D Files 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT | AM/WinDRM | (AB-USA) |
| SK01 | 11435 | 18-6 | 1630 | Fri | 47733á88342á44164á71864á33617á20801 Callsign 2A1B3D Files 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT | AM/WinDRM | (AB-USA/RR2) |
| SK01 | 11530 | 18-6 | 1731 | Fri | 47733á88342á44164á71864á33617á20801 | AM/WinDRM | (AB-USA/RR2) |
| SK01 | 11635 | 18-6 | 2130 | Fri | 47733á88342á44164á71864á33617á20801 | AM/WinDRM | (RR2) |
| V07 | 11479 | 6-6 | 0340 | Sun | 414 414 414 1 211 102 211 102 27020 82751 97219 ... 74559 90998 18072 44217 000 000 | USB | (Dan-J) |
| V07 | 12179 | 13-6 | 0320 | Sun | 414 414 414 1 8583 104 8583 104 12972 02400 46061 ...39697 01911 88080 18146 000 000 | USB | (Dan-J) |
| V07 | 13479 | 20-6 | 0300 | Sun | 414 414 414 000 | USB | (Dan-J/HFD) |
| V07 | 12179 | 20-6 | 0320 | Sun | 414 414 414 000 | USB | (HFD) |
| V07 | 13479 | 27-6 | 0300 | Sun | 414 414 414 1 4876 60 487 60 79083 14770 39737 ... 43627 92644 00550 000 000 | USB | (Dan-J) |
| V13 | 11430 | 12-6 | 0000 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 13975 | 12-6 | 0000 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 11430 | 12-6 | 0030 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 13975 | 12-6 | 0030 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 9276 | 12-6 | 0100 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 11430 | 12-6 | 0100 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 9276 | 12-6 | 0130 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 11430 | 12-6 | 0130 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 7502 | 12-6 | 0200 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 7502 | 12-6 | 0230 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 9276 | 12-6 | 0300 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 9276 | 12-6 | 0330 | Sat | New Star Broadcasting | USB | (ES-TWN) |
| V13 | 7502 | 19-6 | 1300 | Sat | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 19-6 | 1330 | Sat | New Star Broadcasting | USB | (AB-J) |
| V13 | 9276 | 23-6 | 1200 | Wed | New Star Broadcasting | USB | (AB-J) |
| V13 | 15890 | 23-6 | 1200 | Wed | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 23-6 | 1258 | Wed | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 23-6 | 1330 | Wed | New Star Broadcasting | USB | (AB-J) |
| V13 | 9276 | 24-6 | 1158 | Thu | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 24-6 | 1159 | Thu | New Star Broadcasting | USB | (AB-J) |
| V13 | 15890 | 24-6 | 1159 | Thu | New Star Broadcasting | USB | (AB-J) |

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|------|-------|------|------|-----|--|--------|--------|
| V13 | 8300 | 24-6 | 1258 | Thu | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 24-6 | 1328 | Thu | New Star Broadcasting | USB | (AB-J) |
| V13 | 8300 | 24-6 | 1329 | Thu | New Star Broadcasting | USB | (AB-J) |
| V13 | 9276 | 25-6 | 1158 | Fri | New Star Broadcasting | USB | (AB-J) |
| V13 | 15890 | 25-6 | 1159 | Fri | New Star Broadcasting | USB | (AB-J) |
| V13 | 8300 | 25-6 | 1258 | Fri | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 25-6 | 1259 | Fri | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 25-6 | 1328 | Fri | New Star Broadcasting | USB | (AB-J) |
| V13 | 8300 | 25-6 | 1329 | Fri | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 26-6 | 1258 | Sat | New Star Broadcasting | USB | (AB-J) |
| V13 | 8300 | 26-6 | 1259 | Sat | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 26-6 | 1328 | Sat | New Star Broadcasting | USB | (AB-J) |
| V13 | 8300 | 26-6 | 1329 | Sat | New Star Broadcasting | USB | (AB-J) |
| V13 | 7502 | 28-6 | 1258 | Mon | New Star Broadcasting. Carrier only | USB | (AB-J) |
| V13 | 8300 | 28-6 | 1259 | Mon | New Star Broadcasting. Carrier only | USB | (AB-J) |
| V13 | 7502 | 28-6 | 1328 | Mon | New Star Broadcasting. Carrier only | USB | (AB-J) |
| V13 | 8300 | 28-6 | 1329 | Mon | New Star Broadcasting. Carrier only | USB | (AB-J) |
| V13 | 7502 | 29-6 | 1258 | Tue | New Star Broadcasting. Carrier only | USB | (AB-J) |
| V13 | 8300 | 29-6 | 1259 | Tue | New Star Broadcasting. Carrier only | USB | (AB-J) |
| V13 | 7502 | 29-6 | 1328 | Tue | New Star Broadcasting. Carrier only | USB | (AB-J) |
| V13 | 8300 | 29-6 | 1329 | Tue | New Star Broadcasting. Carrier only | USB | (AB-J) |
| V26 | 4364 | 3-6 | 1130 | Thu | XSV85 callup in Chinese voice //8073 | USB | (JPL) |
| V26 | 8073 | 3-6 | 1130 | Thu | XSV85 callup in Chinese voice //4364 | USB | (JPL) |
| V26 | 4364 | 5-6 | 1131 | Sat | XSV85 callup in Chinese voice //8073 | USB | (JPL) |
| V26 | 8073 | 5-6 | 1131 | Sat | XSV85 callup in Chinese voice //4364 | USB | (JPL) |
| V26 | 4243 | 5-6 | 1140 | Sat | Callup in Chinese voice //9054 | USB | (JPL) |
| V26 | 9054 | 5-6 | 1140 | Sat | Callup in Chinese voice //4243 | USB | (JPL) |
| V26 | 4243 | 6-6 | 1139 | Sun | Callup in Chinese voice //9054 | USB | (JPL) |
| V26 | 9054 | 6-6 | 1139 | Sun | Callup in Chinese voice //4243 | USB | (JPL) |
| V26 | 4364 | 10-6 | 1130 | Thu | XSV85 callup in Chinese voice //803 | USB | (JPL) |
| V26 | 8073 | 10-6 | 1130 | Thu | XSV85 callup in Chinese voice //4364 | USB | (JPL) |
| V26 | 4364 | 18-6 | 1130 | Fri | XSV85 callup in Chinese voice //8073 | USB | (JPL) |
| V26 | 8073 | 18-6 | 1130 | Fri | XSV85 callup in Chinese voice //4364 | USB | (JPL) |
| V26 | 4243 | 18-6 | 1139 | Fri | Callup in Chinese voice //9054 | USB | (JPL) |
| V26 | 9054 | 18-6 | 1139 | Fri | Callup in Chinese voice //4243 | USB | (JPL) |
| V26 | 4364 | 29-6 | 1130 | Tue | XSV85 callup in Chinese voice //8073 | USB | (JPL) |
| V26 | 8073 | 29-6 | 1130 | Tue | XSV85 callup in Chinese voice //4364 | USB | (JPL) |
| X06 | 12561 | 3-6 | 1109 | Thu | 111666 | MKSK-6 | (HFD) |
| X06 | 12150 | 16-6 | 0709 | Wed | MFA Moscow clg 256341: Russian embassy Beirut | MFSK-6 | (AB) |
| X06 | 12133 | 21-6 | 0736 | Mon | MFA Moscow clg 263514 | MFSK-6 | (AB) |
| X06 | 12177 | 28-6 | 1255 | Mon | MFA Moscow clg 364152: Russian embassy New Delhi | MFSK-6 | (AB) |
| X06b | 14892 | 21-6 | 1425 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |

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|------|-------|------|------|-----|---|--------------|----------|
| X06b | 13492 | 21-6 | 1430 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 12192 | 21-6 | 1431 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 14892 | 21-6 | 1434 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 13492 | 21-6 | 1435 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 12192 | 21-6 | 1436 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 10182 | 25-6 | 1425 | Fri | Test sequence 111666 before E07a also at 1026 UTC | MFSK-6 | (AB) |
| X06b | 11082 | 25-6 | 1427 | Fri | Test sequence 111666 before E07a | MFSK-6 | (AB) |
| X06b | 12182 | 25-6 | 1428 | Fri | Test sequence 111666 before E07a | MFSK-6 | (AB) |
| X06b | 14376 | 28-6 | 1114 | Mon | Sequence 111666 before XPB1 | MFSK-6 | (AB) |
| X06b | 12192 | 28-6 | 1418 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 12192 | 28-6 | 1420 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 13492 | 28-6 | 1421 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 14892 | 28-6 | 1421 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 13492 | 28-6 | 1425 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 14892 | 28-6 | 1425 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 12192 | 28-6 | 1426 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 12192 | 28-6 | 1431 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 13492 | 28-6 | 1431 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| X06b | 14892 | 28-6 | 1431 | Mon | Test sequence 111666 before XPA2 | MFSK-6 | (AB) |
| XPA1 | 11421 | 1-6 | 0710 | Tue | 976 976 976 1 00466 00106 59905 ... 18358 07290 61272 | MFSK-20/10Bd | (AB) |
| XPA1 | 12151 | 1-6 | 0730 | Tue | 976 976 976 1 00466 00106 59905 ... 18358 07290 61272 | MFSK-20/10Bd | (AB) |
| XPA1 | 13972 | 1-6 | 0750 | Tue | 976 976 976 1 00466 00106 59905 ... 18358 07290 61272 | MFSK-20/10Bd | (AB) |
| XPA1 | 13545 | 2-6 | 1210 | Wed | 511 511 511 1 00383 00182 38567 ... 31978 64898 07257 | MFSK-20/10Bd | (AB/HFD) |
| XPA1 | 12145 | 2-6 | 1230 | Wed | 511 511 511 1 00383 00182 38567 ... 31978 64898 07257 | MFSK-20/10Bd | (AB/HFD) |
| XPA1 | 11145 | 2-6 | 1250 | Wed | 511 511 511 1 00383 00182 38567 ... 31978 64898 07257 | MFSK-20/10Bd | (AB/HFD) |
| XPA1 | 11421 | 3-6 | 0710 | Thu | 976 976 976 1 00466 00106 59905 ... 18358 07290 61272 | MFSK-20/10Bd | (AB/HFD) |
| XPA1 | 12151 | 3-6 | 0730 | Thu | 976 976 976 1 00466 00106 59905 ... 18358 07290 61272 | MFSK-20/10Bd | (AB/HFD) |
| XPA1 | 13972 | 3-6 | 0750 | Thu | 976 976 976 1 00466 00106 59905 ... 18358 07290 61272 | MFSK-20/10Bd | (AB/HFD) |
| XPA1 | 13545 | 4-6 | 1210 | Fri | 511 511 511 1 00383 00182 38567 ... 31978 64898 07257 | MFSK-20/10Bd | (AB) |
| XPA1 | 12145 | 4-6 | 1230 | Fri | 511 511 511 1 00383 00182 38567 ... 31978 64898 07257 | MFSK-20/10Bd | (AB) |
| XPA1 | 11145 | 4-6 | 1250 | Fri | 511 511 511 1 00383 00182 38567 ... 31978 64898 07257 | MFSK-20/10Bd | (AB) |
| XPA1 | 11421 | 8-6 | 0710 | Tue | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 12151 | 8-6 | 0730 | Tue | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 13972 | 8-6 | 0750 | Tue | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 11421 | 10-6 | 0710 | Thu | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 12151 | 10-6 | 0730 | Thu | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 13972 | 10-6 | 0750 | Thu | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 13545 | 11-6 | 1210 | Fri | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 12145 | 11-6 | 1230 | Fri | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 11145 | 11-6 | 1250 | Fri | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 11421 | 15-6 | 0710 | Tue | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 12151 | 15-6 | 0730 | Tue | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |

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|------|-------|------|------|-----|---|--------------|---------|
| XPA1 | 13972 | 15-6 | 0750 | Tue | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 13545 | 16-6 | 1210 | Wed | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 12145 | 16-6 | 1230 | Wed | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 11145 | 16-6 | 1250 | Wed | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 11421 | 17-6 | 0710 | Thu | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 12151 | 17-6 | 0730 | Thu | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 13972 | 17-6 | 0750 | Thu | 976 976 976 1 00193 00128 90889 ... 77987 60492 04702 | MFSK-20/10Bd | (AB) |
| XPA1 | 13545 | 18-6 | 1210 | Fri | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 12145 | 18-6 | 1230 | Fri | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 11145 | 18-6 | 1250 | Fri | 511 511 511 1 00538 00110 43339 ... 92903 48286 61564 | MFSK-20/10Bd | (AB) |
| XPA1 | 11421 | 22-6 | 0710 | Tue | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 12151 | 22-6 | 0730 | Tue | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 13972 | 22-6 | 0750 | Tue | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 13545 | 23-6 | 1210 | Wed | 511 511 511 1 02790 00124 09536 ... 38352 11641 31737 | MFSK-20/10Bd | (AB) |
| XPA1 | 12145 | 23-6 | 1230 | Wed | 511 511 511 1 02790 00124 09536 ... 38352 11641 31737 | MFSK-20/10Bd | (AB) |
| XPA1 | 11145 | 23-6 | 1250 | Wed | 511 511 511 1 02790 00124 09536 ... 38352 11641 31737 | MFSK-20/10Bd | (AB) |
| XPA1 | 11421 | 24-6 | 0710 | Thu | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 12151 | 24-6 | 0730 | Thu | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 13972 | 24-6 | 0750 | Thu | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 13545 | 25-6 | 1210 | Fri | 511 511 511 1 02790 00124 09536 ... 38352 11641 31737 | MFSK-20/10Bd | (AB) |
| XPA1 | 12145 | 25-6 | 1230 | Fri | 511 511 511 1 02790 00124 09536 ... 38352 11641 31737 | MFSK-20/10Bd | (AB) |
| XPA1 | 11145 | 25-6 | 1250 | Fri | 511 511 511 1 02790 00124 09536 ... 38352 11641 31737 | MFSK-20/10Bd | (AB) |
| XPA1 | 11421 | 29-6 | 0710 | Tue | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 12151 | 29-6 | 0730 | Tue | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 13972 | 29-6 | 0750 | Tue | 976 976 976 1 02892 00138 86621 ... 27319 58029 26724 | MFSK-20/10Bd | (AB) |
| XPA1 | 13545 | 30-6 | 1210 | Wed | Stopped after 20 secs | MFSK-20/10Bd | (AB) |
| XPA1 | 12145 | 30-6 | 1230 | Wed | 511 511 511 1 02790 00124 09536 ... 38352 11641 31737 | MFSK-20/10Bd | (AB) |
| XPA1 | 11145 | 30-6 | 1250 | Wed | 511 511 511 1 02790 00124 09536 ... 38352 11641 31737 | MFSK-20/10Bd | (AB) |
| XPA2 | 13417 | 1-6 | 1600 | Tue | 08409 00001 00000 37660 | MFSK-16/20Bd | (AB) |
| XPA2 | 14817 | 1-6 | 1620 | Tue | 08409 00001 00000 37660 | MFSK-16/20Bd | (AB) |
| XPA2 | 15917 | 1-6 | 1640 | Tue | 08409 00001 00000 37660 | MFSK-16/20Bd | (AB) |
| XPA2 | 13427 | 1-6 | 2100 | Tue | 05290 00108 72451 ... 50869 38965 13762 | MFSK-16/20Bd | (AB/RL) |
| XPA2 | 12227 | 1-6 | 2120 | Tue | 05290 00108 72451 ... 50869 38965 13762 | MFSK-16/20Bd | (AB/RL) |
| XPA2 | 10827 | 1-6 | 2140 | Tue | 05290 00108 72451 ... 50869 38965 13762 | MFSK-16/20Bd | (AB/RL) |
| XPA2 | 15982 | 2-6 | 1100 | Wed | Message | MFSK-16/20Bd | (HFD) |
| XPA2 | 14982 | 2-6 | 1120 | Wed | Message | MFSK-16/20Bd | (HFD) |
| XPA2 | 13882 | 2-6 | 1140 | Wed | Message | MFSK-16/20Bd | (HFD) |
| XPA2 | 13462 | 2-6 | 2100 | Wed | 09950 00068 88172 ... 60147 84139 24314 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 12162 | 2-6 | 2120 | Wed | 09950 00068 88172 ... 60147 84139 24314 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 11562 | 2-6 | 2140 | Wed | 09950 00068 88172 ... 60147 84139 24314 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 13527 | 3-6 | 0910 | Thu | 05355 00079 55068 ... 35133 51044 24135 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 3-6 | 0930 | Thu | 05355 00079 55068 ... 35133 51044 24135 | MFSK-16/20Bd | (AB) |

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|------|-------|-----|------|-----|---|--------------|--------------|
| XPA2 | 11427 | 3-6 | 0950 | Thu | 05355 00079 55068 ... 35133 51044 24135 | MFSK-16/20Bd | (AB) |
| XPA2 | 15982 | 3-6 | 1100 | Thu | 04837 00001 00000 40657 | MFSK-16/20bd | (AB) |
| XPA2 | 14982 | 3-6 | 1120 | Thu | 04837 00001 00000 40657 | MFSK-16/20bd | (AB) |
| XPA2 | 13882 | 3-6 | 1140 | Thu | 04837 00001 00000 40657 | MFSK-16/20bd | (AB) |
| XPA2 | 13417 | 3-6 | 1600 | Thu | 03456 00001 00000 36260 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 14817 | 3-6 | 1620 | Thu | 03456 00001 00000 36260 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 15917 | 3-6 | 1640 | Thu | 03456 00001 00000 36260 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13462 | 4-6 | 2100 | Fri | 09950 00068 88172 ... 60147 84139 24314 | MFSK-16/20bd | (AB) |
| XPA2 | 12162 | 4-6 | 2120 | Fri | 09950 00068 88172 ... 60147 84139 24314 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 11562 | 4-6 | 2140 | Fri | 09950 00068 88172 ... 60147 84139 24314 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 13527 | 5-6 | 0910 | Sat | 05355 00079 55068 ... 35133 51044 24135 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 12227 | 5-6 | 0930 | Sat | 05355 00079 55068 ... 35133 51044 24135 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 11427 | 5-6 | 0950 | Sat | 05355 00079 55068 ... 35133 51044 24135 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 14892 | 5-6 | 1500 | Sat | 00124 00213 69856 ... 70489 69928 52440 | MFSK-16/20Bd | (AB/MPJ/HFD) |
| XPA2 | 13492 | 5-6 | 1520 | Sat | 00124 00213 69856 ... 70489 69928 52440 | MFSK-16/20Bd | (AB/MPJ/HFD) |
| XPA2 | 12192 | 5-6 | 1540 | Sat | 00124 00213 69856 ... 70489 69928 52440 | MFSK-16/20Bd | (AB/MPJ/HFD) |
| XPA2 | 13427 | 6-6 | 2100 | Sun | 05290 00108 72451 ... 50869 38965 13762 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 12227 | 6-6 | 2120 | Sun | 05290 00108 72451 ... 50869 38965 13762 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 10827 | 6-6 | 2140 | Sun | 05290 00108 72451 ... 50869 38965 13762 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 12148 | 7-6 | 0700 | Mon | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 13448 | 7-6 | 0720 | Mon | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 13948 | 7-6 | 0740 | Mon | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 14892 | 7-6 | 1500 | Mon | 03510 00001 00000 33654 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13492 | 7-6 | 1520 | Mon | 03510 00001 00000 33654 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 12192 | 7-6 | 1540 | Mon | 03510 00001 00000 33654 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 15874 | 8-6 | 1100 | Tue | Message | MFSK-16/20Bd | (HFD) |
| XPA2 | 14474 | 8-6 | 1120 | Tue | Message | MFSK-16/20Bd | (HFD) |
| XPA2 | 13374 | 8-6 | 1140 | Tue | Message | MFSK-16/20Bd | (HFD) |
| XPA2 | 13417 | 8-6 | 1600 | Tue | 09777 00001 00000 40270 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 14817 | 8-6 | 1620 | Tue | 09777 00001 00000 40270 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 15917 | 8-6 | 1640 | Tue | 09777 00001 00000 40270 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 13427 | 8-6 | 2100 | Tue | 00194 00200 70921 ... 00323 51902 53560 | MFSK-16/20Bd | (AB/Dan/RL) |
| XPA2 | 12227 | 8-6 | 2120 | Tue | 00194 00200 70921 ... 00323 51902 53560 | MFSK-16/20Bd | (AB/Dan/RL) |
| XPA2 | 10827 | 8-6 | 2140 | Tue | 00194 00200 70921 ... 00323 51902 53560 | MFSK-16/20Bd | (AB/Dan/RL) |
| XPA2 | 12148 | 9-6 | 0700 | Wed | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 13448 | 9-6 | 0720 | Wed | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 13948 | 9-6 | 0740 | Wed | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 17417 | 9-6 | 0910 | Wed | 07030 00001 00000 31262 | MFSK-16/20Bd | (AB) |
| XPA2 | 15812 | 9-6 | 0930 | Wed | 07030 00001 00000 31262 | MFSK-16/20Bd | (AB) |
| XPA2 | 14504 | 9-6 | 0950 | Wed | 07030 00001 00000 31262 | MFSK-16/20Bd | (AB) |
| XPA2 | 13462 | 9-6 | 2100 | Wed | 04257 00054 69604 ... 62386 81392 30304 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 12162 | 9-6 | 2120 | Wed | 04257 00054 69604 ... 62386 81392 30304 | MFSK-16/20bd | (AB/RL) |

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|------|-------|------|------|-----|---|--------------|-------------|
| XPA2 | 11562 | 9-6 | 2140 | Wed | 04257 00054 69604 ... 62386 81392 30304 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 13527 | 10-6 | 0910 | Thu | 04661 00133 54282 ... 40962 93074 22604 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 10-6 | 0930 | Thu | 04661 00133 54282 ... 40962 93074 22604 | MFSK-16/20Bd | (AB) |
| XPA2 | 11427 | 10-6 | 0950 | Thu | 04661 00133 54282 ... 40962 93074 22604 | MFSK-16/20Bd | (AB) |
| XPA2 | 13417 | 10-6 | 1600 | Thu | 05308 00001 00000 36655 | MFSK-16/20Bd | (AB) |
| XPA2 | 14817 | 10-6 | 1620 | Thu | 05308 00001 00000 36655 | MFSK-16/20Bd | (AB) |
| XPA2 | 15917 | 10-6 | 1640 | Thu | 05308 00001 00000 36655 | MFSK-16/20Bd | (AB) |
| XPA2 | 13462 | 11-6 | 2100 | Fri | 04257 00054 69604 ... 62386 81392 30304 | MFSK-16/20bd | (AB/RL/HFD) |
| XPA2 | 12162 | 11-6 | 2120 | Fri | 04257 00054 69604 ... 62386 81392 30304 | MFSK-16/20bd | (AB/RL/HFD) |
| XPA2 | 11562 | 11-6 | 2140 | Fri | 04257 00054 69604 ... 62386 81392 30304 | MFSK-16/20bd | (AB/HFD) |
| XPA2 | 13527 | 12-6 | 0910 | Sat | 04661 00133 54282 ... 40962 93074 22604 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 12-6 | 0930 | Sat | 04661 00133 54282 ... 40962 93074 22604 | MFSK-16/20Bd | (AB) |
| XPA2 | 11427 | 12-6 | 0950 | Sat | 04661 00133 54282 ... 40962 93074 22604 | MFSK-16/20Bd | (AB) |
| XPA2 | 14892 | 12-6 | 1500 | Sat | 04044 00001 00000 33260 | MFSK-16/20Bd | (AB) |
| XPA2 | 13492 | 12-6 | 1520 | Sat | 04044 00001 00000 33260 | MFSK-16/20Bd | (AB) |
| XPA2 | 12192 | 12-6 | 1540 | Sat | 04044 00001 00000 33260 | MFSK-16/20Bd | (AB) |
| XPA2 | 13427 | 13-6 | 2100 | Sun | 00194 00200 70921 ... 00323 51902 53560 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 13-6 | 2120 | Sun | 00194 00200 70921 ... 00323 51902 53560 | MFSK-16/20Bd | (AB) |
| XPA2 | 10827 | 13-6 | 2140 | Sun | 00194 00200 70921 ... 00323 51902 53560 | MFSK-16/20Bd | (AB/RL) |
| XPA2 | 12148 | 14-6 | 0700 | Mon | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 13448 | 14-6 | 0720 | Mon | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 13948 | 14-6 | 0740 | Mon | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 14892 | 14-6 | 1500 | Mon | 06873 00245 47461 ... 52037 45739 66565 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13492 | 14-6 | 1520 | Mon | 06873 00245 47461 ... 52037 45739 66565 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 12192 | 14-6 | 1540 | Mon | 06873 00245 47461 ... 52037 45739 66565 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 15874 | 15-6 | 1100 | Tue | 08030 00001 00000 21263 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 14474 | 15-6 | 1120 | Tue | 08030 00001 00000 21263 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13374 | 15-6 | 1140 | Tue | 08030 00001 00000 21263 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13417 | 15-6 | 1600 | Tue | 00583 00045 12668 ... 54945 35894 2704 | MFSK-16/20Bd | (AB) |
| XPA2 | 14817 | 15-6 | 1620 | Tue | 00583 00045 12668 ... 54945 35894 2704 | MFSK-16/20Bd | (AB) |
| XPA2 | 15917 | 15-6 | 1640 | Tue | 00583 00045 12668 ... 54945 35894 2704 | MFSK-16/20Bd | (AB/RL-HOL) |
| XPA2 | 13427 | 15-6 | 2100 | Tue | 07852 00206 89956 ... 51551 56328 25001 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 12227 | 15-6 | 2120 | Tue | 07852 00206 89956 ... 51551 56328 25001 | MFSK-16/20Bd | (AB) |
| XPA2 | 10827 | 15-6 | 2140 | Tue | 07852 00206 89956 ... 51551 56328 25001 | MFSK-16/20Bd | (AB) |
| XPA2 | 12148 | 16-6 | 0700 | Wed | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 13448 | 16-6 | 0720 | Wed | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 13948 | 16-6 | 0740 | Wed | 09087 00106 80027 ... 65366 09821 60600 | MFSK-16/20Bd | (AB) |
| XPA2 | 17417 | 16-6 | 0910 | Wed | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB) |
| XPA2 | 15812 | 16-6 | 0930 | Wed | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB) |
| XPA2 | 14504 | 16-6 | 0950 | Wed | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB) |
| XPA2 | 15982 | 16-6 | 1100 | Wed | 00212 00180 84548 ... 49763 69234 37265 | MFSK-16/20bd | (AB) |
| XPA2 | 14982 | 16-6 | 1120 | Wed | 00212 00180 84548 ... 49763 69234 37265 | MFSK-16/20bd | (AB/RL-HOL) |

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| XPA2 | 13882 | 16-6 | 1140 | Wed | 00212 00180 84548 ... 49763 69234 37265 | MFSK-16/20bd | (AB/RL-HOL) |
| XPA2 | 13462 | 16-6 | 2100 | Wed | 06457 00144 25290 ... 90084 73589 71744 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 12162 | 16-6 | 2120 | Wed | 06457 00144 25290 ... 90084 73589 71744 | MFSK-16/20bd | (AB) |
| XPA2 | 11562 | 16-6 | 2140 | Wed | 06457 00144 25290 ... 90084 73589 71744 | MFSK-16/20bd | (AB) |
| XPA2 | 13527 | 17-6 | 0910 | Thu | 07777 00001 00000 40266 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 17-6 | 0930 | Thu | 07777 00001 00000 40266 | MFSK-16/20Bd | (AB) |
| XPA2 | 11427 | 17-6 | 0950 | Thu | 07777 00001 00000 40266 | MFSK-16/20Bd | (AB) |
| XPA2 | 15982 | 17-6 | 1100 | Thu | 00212 00180 84548 ... 49763 69234 37265 | MFSK-16/20bd | (AB) |
| XPA2 | 14982 | 17-6 | 1120 | Thu | 00212 00180 84548 ... 49763 69234 37265 | MFSK-16/20bd | (AB) |
| XPA2 | 13882 | 17-6 | 1140 | Thu | 00212 00180 84548 ... 49763 69234 37265 | MFSK-16/20bd | (AB) |
| XPA2 | 13417 | 17-6 | 1600 | Thu | 00583 00045 12668 ... 54945 35894 2704 | MFSK-16/20Bd | (AB) |
| XPA2 | 14817 | 17-6 | 1620 | Thu | 00583 00045 12668 ... 54945 35894 2704 | MFSK-16/20Bd | (AB/RL-HOL) |
| XPA2 | 15917 | 17-6 | 1640 | Thu | 00583 00045 12668 ... 54945 35894 2704 | MFSK-16/20Bd | (AB/RL-HOL) |
| XPA2 | 15874 | 18-6 | 1100 | Fri | 08402 00001 00000 34260 | MFSK-16/20Bd | (AB) |
| XPA2 | 14474 | 18-6 | 1120 | Fri | 08402 00001 00000 34260 | MFSK-16/20Bd | (AB) |
| XPA2 | 13374 | 18-6 | 1140 | Fri | 08402 00001 00000 34260 | MFSK-16/20Bd | (AB) |
| XPA2 | 13462 | 18-6 | 2100 | Fri | 06457 00144 25290 ... 90084 73588 71744 | MFSK-16/20bd | (AB/Dan) |
| XPA2 | 12162 | 18-6 | 2120 | Fri | 06457 00144 25290 ... 90084 73588 71744 | MFSK-16/20bd | (AB/Dan) |
| XPA2 | 11562 | 18-6 | 2140 | Fri | 06457 00144 25290 ... 90084 73588 71744 | MFSK-16/20bd | (AB/Dan) |
| XPA2 | 13527 | 19-6 | 0910 | Sat | 04848 00001 00000 41260 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 19-6 | 0930 | Sat | 04848 00001 00000 41260 | MFSK-16/20Bd | (AB) |
| XPA2 | 11427 | 19-6 | 0950 | Sat | 04848 00001 00000 41260 | MFSK-16/20Bd | (AB) |
| XPA2 | 14892 | 19-6 | 1500 | Sat | 06873 00245 47461 ... 52037 45739 66565 | MFSK-16/20Bd | (AB) |
| XPA2 | 13492 | 19-6 | 1520 | Sat | 06873 00245 47461 ... 52037 45739 66565 | MFSK-16/20Bd | (AB) |
| XPA2 | 12192 | 19-6 | 1540 | Sat | 06873 00245 47461 ... 52037 45739 66565 | MFSK-16/20Bd | (AB) |
| XPA2 | 13427 | 20-6 | 2100 | Sun | 07852 00206 89956 ... 51551 56328 25001 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 20-6 | 2120 | Sun | 07852 00206 89956 ... 51551 56328 25001 | MFSK-16/20Bd | (AB/RL) |
| XPA2 | 10827 | 20-6 | 2140 | Sun | 07852 00206 89956 ... 51551 56328 25001 | MFSK-16/20Bd | (AB/RL) |
| XPA2 | 12148 | 21-6 | 0700 | Mon | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 13448 | 21-6 | 0720 | Mon | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 13948 | 21-6 | 0740 | Mon | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 17417 | 21-6 | 0910 | Mon | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 15812 | 21-6 | 0930 | Mon | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 14504 | 21-6 | 0950 | Mon | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB/HFD) |
| XPA2 | 14892 | 21-6 | 1500 | Mon | 03919 00001 00000 42254 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13492 | 21-6 | 1520 | Mon | 03919 00001 00000 42254 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 12192 | 21-6 | 1540 | Mon | 03919 00001 00000 42254 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 15874 | 22-6 | 1100 | Tue | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB) |
| XPA2 | 14474 | 22-6 | 1120 | Tue | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB) |
| XPA2 | 13374 | 22-6 | 1140 | Tue | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB) |
| XPA2 | 13417 | 22-6 | 1600 | Tue | 04938 00001 00000 41657 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 14817 | 22-6 | 1620 | Tue | 04938 00001 00000 41657 | MFSK-16/20Bd | (AB/MPJ) |

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|------|-------|------|------|-----|---|--------------|-------------|
| XPA2 | 15917 | 22-6 | 1640 | Tue | 04938 00001 00000 41657 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13427 | 22-6 | 2100 | Tue | 07233 00104 84167 ... 54647 98370 56100 | MFSK-16/20Bd | (AB/RL/Dan) |
| XPA2 | 12227 | 22-6 | 2120 | Tue | 07233 00104 84167 ... 54647 98370 56100 | MFSK-16/20Bd | (AB/RL/Dan) |
| XPA2 | 10827 | 22-6 | 2140 | Tue | 07233 00104 84167 ... 54647 98370 56100 | MFSK-16/20Bd | (AB/RL/Dan) |
| XPA2 | 12148 | 23-6 | 0700 | Wed | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 13448 | 23-6 | 0720 | Wed | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 13948 | 23-6 | 0740 | Wed | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 17417 | 23-6 | 0910 | Wed | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB) |
| XPA2 | 15812 | 23-6 | 0930 | Wed | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB) |
| XPA2 | 14504 | 23-6 | 0950 | Wed | 03754 00122 42569 ... 26604 13910 51662 | MFSK-16/20Bd | (AB) |
| XPA2 | 15982 | 23-6 | 1100 | Wed | 05281 00001 00000 32665 | MFSK-16/20bd | (AB) |
| XPA2 | 14982 | 23-6 | 1120 | Wed | 05281 00001 00000 32665 | MFSK-16/20bd | (AB) |
| XPA2 | 13882 | 23-6 | 1140 | Wed | 05281 00001 00000 32665 | MFSK-16/20bd | (AB) |
| XPA2 | 13462 | 23-6 | 2100 | Wed | 00635 00122 65347 ... 05390 08611 27321 | MFSK-16/20bd | (AB/Dan) |
| XPA2 | 12162 | 23-6 | 2120 | Wed | 00635 00122 65347 ... 05390 08611 27321 | MFSK-16/20bd | (AB/Dan) |
| XPA2 | 11562 | 23-6 | 2140 | Wed | 00635 00122 65347 ... 05390 08611 27321 | MFSK-16/20bd | (AB/Dan) |
| XPA2 | 13527 | 24-6 | 0910 | Thu | 00652 00115 01857 ... 41835 42426 46730 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 24-6 | 0930 | Thu | 00652 00115 01857 ... 41835 42426 46730 | MFSK-16/20Bd | (AB) |
| XPA2 | 11427 | 24-6 | 0950 | Thu | 00652 00115 01857 ... 41835 42426 46730 | MFSK-16/20Bd | (AB) |
| XPA2 | 15982 | 24-6 | 1100 | Thu | 06355 00001 00000 35263 | MFSK-16/20bd | (AB) |
| XPA2 | 14982 | 24-6 | 1120 | Thu | 06355 00001 00000 35263 | MFSK-16/20bd | (AB) |
| XPA2 | 13882 | 24-6 | 1140 | Thu | 06355 00001 00000 35263 | MFSK-16/20bd | (AB) |
| XPA2 | 13417 | 24-6 | 1600 | Thu | 09231 00001 00000 32664 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 14817 | 24-6 | 1620 | Thu | 09231 00001 00000 32664 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 15917 | 24-6 | 1640 | Thu | 09231 00001 00000 32664 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 15874 | 25-6 | 1100 | Fri | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB) |
| XPA2 | 14474 | 25-6 | 1120 | Fri | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB) |
| XPA2 | 13374 | 25-6 | 1140 | Fri | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB) |
| XPA2 | 13462 | 25-6 | 2100 | Fri | 00635 00122 65347 ... 05390 08611 27321 | MFSK-16/20bd | (AB) |
| XPA2 | 12162 | 25-6 | 2120 | Fri | 00635 00122 65347 ... 05390 08611 27321 | MFSK-16/20bd | (AB) |
| XPA2 | 11562 | 25-6 | 2140 | Fri | 00635 00122 65347 ... 05390 08611 27321 | MFSK-16/20bd | (AB) |
| XPA2 | 13527 | 26-6 | 0910 | Sat | 00652 00115 01857 ... 41835 42426 46730 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 26-6 | 0930 | Sat | 00652 00115 01857 ... 41835 42426 46730 | MFSK-16/20Bd | (AB) |
| XPA2 | 11427 | 26-6 | 0950 | Sat | 00652 00115 01857 ... 41835 42426 46730 | MFSK-16/20Bd | (AB) |
| XPA2 | 14892 | 26-6 | 1500 | Sat | 01339 00001 00000 37254 | MFSK-16/20Bd | (AB) |
| XPA2 | 13492 | 26-6 | 1520 | Sat | 01339 00001 00000 37254 | MFSK-16/20Bd | (AB) |
| XPA2 | 12192 | 26-6 | 1540 | Sat | 01339 00001 00000 37254 | MFSK-16/20Bd | (AB) |
| XPA2 | 13427 | 27-6 | 2100 | Sun | 07233 00104 84167 ... 54647 98370 56100 | MFSK-16/20Bd | (AB/Dan) |
| XPA2 | 12227 | 27-6 | 2120 | Sun | 07233 00104 84167 ... 54647 98370 56100 | MFSK-16/20Bd | (AB/Dan) |
| XPA2 | 10827 | 27-6 | 2140 | Sun | 07233 00104 84167 ... 54647 98370 56100 | MFSK-16/20Bd | (AB/Dan) |
| XPA2 | 12148 | 28-6 | 0700 | Mon | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 13448 | 28-6 | 0720 | Mon | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |

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|------|-------|------|------|-----|---|--------------|-----------|
| XPA2 | 13948 | 28-6 | 0740 | Mon | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 17417 | 28-6 | 0910 | Mon | 06310 00061 26924 ... 56812 72149 61201 | MFSK-16/20Bd | (AB) |
| XPA2 | 15812 | 28-6 | 0930 | Mon | 06310 00061 26924 ... 56812 72149 61201 | MFSK-16/20Bd | (AB) |
| XPA2 | 14504 | 28-6 | 0950 | Mon | 06310 00061 26924 ... 56812 72149 61201 | MFSK-16/20Bd | (AB) |
| XPA2 | 14892 | 28-6 | 1500 | Mon | 00158 00125 53122 ... 43821 22613 56061 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13492 | 28-6 | 1520 | Mon | 00158 00125 53122 ... 43821 22613 56061 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 12192 | 28-6 | 1540 | Mon | 00158 00125 53122 ... 43821 22613 56061 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 15874 | 29-6 | 1100 | Tue | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 14474 | 29-6 | 1120 | Tue | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13374 | 29-6 | 1140 | Tue | 03810 00099 97901 ... 73476 34896 07333 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13417 | 29-6 | 1600 | Tue | 00240 00213 24647 ... 46111 89276 26232 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 14817 | 29-6 | 1620 | Tue | 00240 00213 24647 ... 46111 89276 26232 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 15917 | 29-6 | 1640 | Tue | 00240 00213 24647 ... 46111 89276 26232 | MFSK-16/20Bd | (AB/MPJ) |
| XPA2 | 13427 | 29-6 | 2100 | Tue | 06680 00060 31637 ... 81466 24911 23754 | MFSK-16/20Bd | (AB) |
| XPA2 | 12227 | 29-6 | 2120 | Tue | 06680 00060 31637 ... 81466 24911 23754 | MFSK-16/20Bd | (AB) |
| XPA2 | 10827 | 29-6 | 2140 | Tue | 06680 00060 31637 ... 81466 24911 23754 | MFSK-16/20Bd | (AB) |
| XPA2 | 12148 | 30-6 | 0700 | Wed | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 13448 | 30-6 | 0720 | Wed | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 13948 | 30-6 | 0740 | Wed | 01069 00122 75883 ... 29394 32047 73273 | MFSK-16/20Bd | (AB) |
| XPA2 | 17417 | 30-6 | 0910 | Wed | 06310 00061 26924 ... 56812 72149 61201 | MFSK-16/20Bd | (AB) |
| XPA2 | 15812 | 30-6 | 0930 | Wed | 06310 00061 26924 ... 56812 72149 61201 | MFSK-16/20Bd | (AB) |
| XPA2 | 14504 | 30-6 | 0950 | Wed | 06310 00061 26924 ... 56812 72149 61201 | MFSK-16/20Bd | (AB) |
| XPA2 | 15982 | 30-6 | 1100 | Wed | 00151 00144 78887 ... 49610 62777 21760 | MFSK-16/20bd | (AB) |
| XPA2 | 14982 | 30-6 | 1120 | Wed | 00151 00144 78887 ... 49610 62777 21760 | MFSK-16/20bd | (AB) |
| XPA2 | 13882 | 30-6 | 1140 | Wed | 00151 00144 78887 ... 49610 62777 21760 | MFSK-16/20bd | (AB) |
| XPA2 | 13462 | 30-6 | 2100 | Wed | 00580 00120 39775 ... 60893 31158 63362 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 12162 | 30-6 | 2120 | Wed | 00580 00120 39775 ... 60893 31158 63362 | MFSK-16/20bd | (AB/RL) |
| XPA2 | 11562 | 30-6 | 2140 | Wed | 00580 00120 39775 ... 60893 31158 63362 | MFSK-16/20bd | (AB/RL) |
| XPB1 | 15863 | 1-6 | 1900 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14963 | 1-6 | 1910 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13963 | 1-6 | 1920 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12163 | 1-6 | 1930 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11163 | 1-6 | 1940 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 10463 | 1-6 | 1950 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15876 | 5-6 | 1200 | Sat | Russian intel. | MFSK-16 | (MPJ/HFD) |
| XPB1 | 14876 | 5-6 | 1210 | Sat | Russian intel. | MFSK-16 | (MPJ/HFD) |
| XPB1 | 14376 | 5-6 | 1220 | Sat | Russian intel. | MFSK-16 | (MPJ/HFD) |
| XPB1 | 13976 | 5-6 | 1230 | Sat | Russian intel. | MFSK-16 | (MPJ/HFD) |
| XPB1 | 13376 | 5-6 | 1240 | Sat | Russian intel. | MFSK-16 | (MPJ/HFD) |
| XPB1 | 12176 | 5-6 | 1250 | Sat | Russian intel. | MFSK-16 | (MPJ/HFD) |
| XPB1 | 15863 | 6-6 | 1900 | Sun | Russian intel. | MFSK-16 | (AB/HFD) |
| XPB1 | 14963 | 6-6 | 1910 | Sun | Russian intel. | MFSK-16 | (AB/HFD) |

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|-------------|-------|------|------|-----|----------------|---------|----------|
| XPB1 | 13963 | 6-6 | 1920 | Sun | Russian intel. | MFSK-16 | (AB/HFD) |
| XPB1 | 12163 | 6-6 | 1930 | Sun | Russian intel. | MFSK-16 | (AB/HFD) |
| XPB1 | 11163 | 6-6 | 1940 | Sun | Russian intel. | MFSK-16 | (AB/HFD) |
| XPB1 | 11163 | 6-6 | 1940 | Sun | msg | MFSK-16 | (HFD) |
| XPB1 | 10463 | 6-6 | 1950 | Sun | Russian intel. | MFSK-16 | (AB/HFD) |
| XPB1 | 15876 | 7-6 | 1200 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14876 | 7-6 | 1210 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14376 | 7-6 | 1220 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13976 | 7-6 | 1230 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13376 | 7-6 | 1240 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12176 | 7-6 | 1250 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11559 | 8-6 | 0500 | Tue | Russian intel. | MFSK-16 | (HFD) |
| XPB1 | 12159 | 8-6 | 0510 | Tue | Russian intel. | MFSK-16 | (HFD) |
| XPB1 | 13459 | 8-6 | 0520 | Tue | Russian intel. | MFSK-16 | (HFD) |
| XPB1 | 13959 | 8-6 | 0530 | Tue | Russian intel. | MFSK-16 | (HFD) |
| XPB1 | 14459 | 8-6 | 0540 | Tue | Russian intel. | MFSK-16 | (HFD) |
| XPB1 | 14959 | 8-6 | 0550 | Tue | Russian intel. | MFSK-16 | (HFD) |
| XPB1 | 15863 | 8-6 | 1900 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14963 | 8-6 | 1910 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13963 | 8-6 | 1920 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12163 | 8-6 | 1930 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11163 | 8-6 | 1940 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 10463 | 8-6 | 1950 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15876 | 12-6 | 1200 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14876 | 12-6 | 1210 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14376 | 12-6 | 1220 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13976 | 12-6 | 1230 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13376 | 12-6 | 1240 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12176 | 12-6 | 1250 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15863 | 13-6 | 1900 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 14963 | 13-6 | 1910 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 13963 | 13-6 | 1920 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 12163 | 13-6 | 1930 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 11163 | 13-6 | 1940 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 10463 | 13-6 | 1950 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 11559 | 14-6 | 0500 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12159 | 14-6 | 0510 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13459 | 14-6 | 0520 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13959 | 14-6 | 0530 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14459 | 14-6 | 0540 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14959 | 14-6 | 0550 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15876 | 14-6 | 1200 | Mon | Russian intel. | MFSK-16 | (AB) |

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|-------------|-------|------|------|-----|----------------|---------|----------|
| XPB1 | 14876 | 14-6 | 1210 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14376 | 14-6 | 1220 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13976 | 14-6 | 1230 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13376 | 14-6 | 1240 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12176 | 14-6 | 1250 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11559 | 15-6 | 0500 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12159 | 15-6 | 0510 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13459 | 15-6 | 0520 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13959 | 15-6 | 0530 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14459 | 15-6 | 0540 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14959 | 15-6 | 0550 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15863 | 15-6 | 1900 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14963 | 15-6 | 1910 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13963 | 15-6 | 1920 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12163 | 15-6 | 1930 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11163 | 15-6 | 1940 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 10463 | 15-6 | 1950 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15876 | 19-6 | 1200 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 14876 | 19-6 | 1210 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 14376 | 19-6 | 1220 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 13976 | 19-6 | 1230 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 13376 | 19-6 | 1240 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 12176 | 19-6 | 1250 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 15863 | 20-6 | 1900 | Sun | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14963 | 20-6 | 1910 | Sun | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13963 | 20-6 | 1920 | Sun | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12163 | 20-6 | 1930 | Sun | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11163 | 20-6 | 1940 | Sun | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 10463 | 20-6 | 1950 | Sun | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11559 | 21-6 | 0500 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12159 | 21-6 | 0510 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13459 | 21-6 | 0520 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13959 | 21-6 | 0530 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14459 | 21-6 | 0540 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14959 | 21-6 | 0550 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15876 | 21-6 | 1200 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 14876 | 21-6 | 1210 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 14376 | 21-6 | 1220 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 13976 | 21-6 | 1230 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 13376 | 21-6 | 1240 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 12176 | 21-6 | 1250 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 11559 | 22-6 | 0500 | Tue | Russian intel. | MFSK-16 | (AB) |

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|-------------|-------|------|------|-----|----------------|---------|----------|
| XPB1 | 12159 | 22-6 | 0510 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13459 | 22-6 | 0520 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13959 | 22-6 | 0530 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14459 | 22-6 | 0540 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14959 | 22-6 | 0550 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15863 | 22-6 | 1900 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14963 | 22-6 | 1910 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13963 | 22-6 | 1920 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12163 | 22-6 | 1930 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11163 | 22-6 | 1940 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 10463 | 22-6 | 1950 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15876 | 26-6 | 1200 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14876 | 26-6 | 1210 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14376 | 26-6 | 1220 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13976 | 26-6 | 1230 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13376 | 26-6 | 1240 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12176 | 26-6 | 1250 | Sat | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15863 | 27-6 | 1900 | Sun | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14963 | 27-6 | 1910 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 13963 | 27-6 | 1920 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 12163 | 27-6 | 1930 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 11163 | 27-6 | 1940 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 10463 | 27-6 | 1950 | Sun | Russian intel. | MFSK-16 | (AB/RL) |
| XPB1 | 11559 | 28-6 | 0500 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12159 | 28-6 | 0510 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13459 | 28-6 | 0520 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13959 | 28-6 | 0530 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14459 | 28-6 | 0540 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14959 | 28-6 | 0550 | Mon | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15876 | 28-6 | 1200 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 14876 | 28-6 | 1210 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 14376 | 28-6 | 1220 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 13976 | 28-6 | 1230 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 13376 | 28-6 | 1240 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 12176 | 28-6 | 1250 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| XPB1 | 11559 | 29-6 | 0500 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12159 | 29-6 | 0510 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13459 | 29-6 | 0520 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13959 | 29-6 | 0530 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14459 | 29-6 | 0540 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 14959 | 29-6 | 0550 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 15863 | 29-6 | 1900 | Tue | Russian intel. | MFSK-16 | (AB) |

| | | | | | | | |
|-------------|--------|------|------|-----|-----------------------------------|-------------|--------|
| XPB1 | 14963 | 29-6 | 1910 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 13963 | 29-6 | 1920 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 12163 | 29-6 | 1930 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 11163 | 29-6 | 1940 | Tue | Russian intel. | MFSK-16 | (AB) |
| XPB1 | 10463 | 29-6 | 1950 | Tue | Russian intel. | MFSK-16 | (AB) |
| XSL | 4231.5 | 23-6 | 1344 | Wed | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 4291 | 23-6 | 1344 | Wed | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 6250 | 23-6 | 1344 | Wed | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 6417 | 23-6 | 1344 | Wed | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 6445 | 23-6 | 1344 | Wed | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 8313 | 23-6 | 1344 | Wed | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 8587.5 | 23-6 | 1344 | Wed | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 4231.5 | 24-6 | 1155 | Thu | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 4291 | 24-6 | 1155 | Thu | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 6250 | 24-6 | 1155 | Thu | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 6417 | 24-6 | 1155 | Thu | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 6445 | 24-6 | 1155 | Thu | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 8313 | 24-6 | 1155 | Thu | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |
| XSL | 8587.5 | 24-6 | 1155 | Thu | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (AB-J) |

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| | |
|---------|--|
| AB | Ary Boender, Netherlands |
| AB-FIN | Ary Boender via remote rx Finland |
| AB-GRC | Ary Boender via remote rx Greece |
| AB-HNG | Ary Boender via remote rx Hungary |
| AB-J | Ary Boender via remote rx Japan |
| AB-KOR | Ary Boender via remote rx South Korea |
| AB-KWT | Ary Boender via remote rx Kuwait |
| AB-POL | Ary Boender via remote rx Poland |
| AB-ROU | Ary Boender via remote rx Romania |
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| HFD | Hans-Friedrich Dumrese, Germany |
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| HFD-J | Hans-Friedrich Dumrese via remote rx Japan |
| HFD-POL | Hans-Friedrich Dumrese via remote rx Poland |
| HFD-RUS | Hans-Friedrich Dumrese via remote rx Russia |
| HFD-UKR | Hans-Friedrich Dumrese via remote rx Ukraine |
| JPL | JPL, NB, Canada (and various remote rx) |
| MPJ | Jim, SW England |
| MPJ-AUT | Jim via remote rx Austria |
| MPJ-HNG | Jim via remote rx Hungary |
| MPJ-HOL | Jim via remote rx Netherlands |
| RL | Roberto Landolpho, Brazil |
| RL-HOL | Landolpho via remote rx Netherlands |
| RR2 | Rich Ray, IL, USA |
| Sublio | Sublio |

APPENDIX

Designators

Prefixes

| | |
|-------|---|
| E | English language |
| F | FSK (Frequency Shift Keying) modes |
| G | German language |
| HM | Hybrids of analog and digital modes |
| M(C) | Morse code (Chinese) |
| P | QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes |
| Q | 4+4 QPSK mode |
| S | Slavic languages |
| SK | Digital modes used by DGI Cuba |
| UM(C) | Unid Morse station (Chinese) |
| V | Voice broadcasts in other languages |
| VC | Voice Chinese |
| XP | MFSK (polytone) modes |

Active voice stations

| Code | Language | Origin | Related stations |
|------|----------|-------------|---|
| E06 | English | Russia | G06, S06, S06b, S06c, M14, F01, F06, F06a |
| E07 | English | Russia | E07a, V07, M12, XPA1, XPA2, XPB1 |
| E07a | English | Russia | E07, V07, M12, XPA1, XPA2, XPB1 |
| E11 | English | Poland | E11a, S11a, F03, P03 |
| E11a | English | Poland | E11, S11a, F03, P03 |
| E17z | English | Ukraine | S06s |
| E25 | English | Egypt | E25a |
| E25a | English | Egypt | E25 |
| G06 | German | Russia | E06, S06, S06b, S06c, M14, F01, F06, F06a |
| S06 | Russian | Russia | E06, G06, S06b, S06c, M14, F01, F06, F06a |
| S06b | Russian | Russia | E06, G06, S06, S06c, M14, F01, F06, F06a |
| S06c | Russian | Russian | E06, G06, S06, S06b, M14, F01, F06, F06a |
| S06s | Russian | Ukraine | E17z |
| S11a | Russian | Poland | E11, E11a, F03, P03 |
| S25 | Russian | Russia | |
| V07 | Spanish | Russia | E07, M12, XPA1, XPA2, XPB1 |
| V13 | Mandarin | Taiwan | |
| V15 | Korean | North Korea | |
| V24 | Korean | South Korea | |
| V26 | Chinese | China | M95, Q26 |
| V28 | Korean | North Korea | |
| VC01 | Chinese | China | VC03, MC03 |
| VC03 | Chinese | China | VC01, MC03 |

Active morse stations

| Code | Mode | Origin | Related stations |
|------|-------|--------|---|
| M01 | Morse | Russia | M01a |
| M01a | Morse | Russia | M01 |
| M12 | Morse | Russia | E07, V07, XPA1, XPA2, XPBa |
| M14 | Morse | Russia | E06, G06, S06, S06b, S06c, F01, F06, F06a |
| M21 | Morse | Russia | M41 |
| M22 | Morse | Israel | |
| M23 | Morse | France | |
| M41 | Morse | Russia | M21 |
| M51a | Morse | France | M51b |
| M51b | Morse | France | M51a |
| M89 | Morse | China | |
| M95 | Morse | China | V26, Q26 |
| MC03 | Morse | China | VC01, VC03 |
| UM03 | Morse | China | |
| UM10 | Morse | ? | |

Active digital stations

| Code | Mode | Origin | Related stations |
|------|------------|--------|---|
| F01 | FSK | Russia | E06, G06, S06, S06b, S06c, M14, F06, F06a |
| F03 | 2FSK, 4FSK | Poland | E11, E11a, S11a, P03 |
| F06 | FSK | Russia | E06, G06, S06, S06b, S06c, M14, F01, F06a |
| F06a | FSK | Russia | E06, G06, S06, S06b, S06c, M14, F01, F06 |
| HM01 | Voice/RDFT | Cuba | |
| M42 | Various | Russia | |
| P03 | BPSK, QPSK | Poland | E11, E11a, S11a, F03 |
| Q26 | 4+4 QPSK | China | V26, M95 |
| XPA | MFSK-20 | Russia | E07, V07, M12, XPA2, XPB1 |
| XPA2 | MFSK-16 | Russia | E07, V07, M12, XPA1, XPB1 |
| XPB | MFSK-16 | Russia | E07, V07, M12, XPA1, XPA2 |

Figures and words used by the various numbers stations

Cut numbers

Several stations are using cut numbers. Often only the zero which is represented by the letter “T”.

M89 and M95 cut numbers A U 3 4 5 6 7 D N T
 1 2 3 4 5 6 7 8 9 0

M08a cut numbers A N D U W R I G M T
 1 2 3 4 5 6 7 8 9 0

| Figure | English | French | German | Mandarin | Spanish | Russian | Arabic |
|--------|---------|--------|--------|----------|---------|----------|---------|
| 0 | Zero | Zero | Null | Ling | Cero | Null | Sifr |
| 1 | One | Un | Eins | Yi | Uno | Odín | Wahid |
| 2 | Two | Deux | Zwei | Er | Dos | Dva | 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 | . ---- |
| B | - ... | 2 | .. ---- |
| C | - . - . | 3 | ... -- |
| D | - . . | 4 | - |
| E | . | 5 | |
| F | .. - . | 6 | - |
| G | -- . | 7 | -- ... |
| H | | 8 | --- .. |
| I | .. | 9 | ---- . |
| J | . ---- | 0 | ----- |
| K | - . - | | |
| L | . - . . | | |
| M | -- | | |
| N | - . | | |
| O | --- | | |
| P | . - - . | | |
| Q | - - . - | | |
| R | . - . | | |
| S | ... | | |
| T | - | | |
| U | .. - | | |
| V | ... - | | |
| W | . - - | | |
| X | - . . - | | |
| Y | - . - - | | |
| Z | - - . . | | |

Accented letters

| | |
|----|-----------|
| Ä | . - . - |
| Á | . - - . - |
| CH | ---- |
| É | . - - . . |
| Ö | --- . |
| Ü | . - - - |

| | |
|------------------------------|---------------|
| Full stop (period) [.] | . - . - . - |
| Comma [,] | -- . . - - |
| Colon [:] | --- ... |
| Question mark [?] | . . -- . . |
| Exclamation mark [!] | - . - - |
| Apostrophe ['] | . - - - . |
| Dash or Hyphen [-] | - . . . - |
| Slash [/] | - . . - . |
| Left-hand bracket [(] | - . - - . |
| Right-hand bracket [)] | - . - - . - |
| Quotation marks [" "] | . - . . - . |
| Equals sign [BT =] | - . . . - |
| Understood | ... - . |
| Plus sign [+] | . - . . . |
| Invitation to transmit | - . - |
| Wait [AS] | . - . . . |
| End of Transmission [SK, VA] | ... - . - |
| End of message [AR] | . - . . . |
| Starting signal | - . . . - |
| Multiplication sign [×] | - . . - |
| At sign [@] | . - - . - . |
| Break [BK] | - . . . - . - |
| Ampersand [&] | . - . . . |

See also

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

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

COLOPHON

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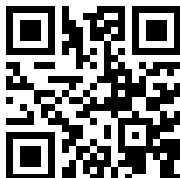
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976 27364 92886 89428 61288 14982 30498 32704 81276 81
986 40932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 70
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 1
7591 87364 87265 96718 27638 12673 84769 28743 98127 5
758 63298 75698 27465 87326 49876 28376 81273 98615 86
67 87432 74328 78674 29867 32867 67867 86786 43276 486
67 68768 68763 34234 34238 68768 62342 48273 48768 230
936 98432 32432 86743 43286 43286 43286 43286 43286 432
743 86743 86743 39867 32867 86743 43286 43286 43243 86
751 86743 86743 86743 86743 86743 86743 86743 86743 86
983 98798 98754 98754 98754 98754 29867 67543 67986 86
976 87698 69876 87698 69876 87612 12341 34867 86798 652
867 43298 65656 56756 56123 32143 14321 32143 14321 321
867 87287 58765 76587 58765 76587 58765 76587 58756 765
86743 76587 76587 76587 76587 76587 76587 76587 76587 76587

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