

670	27364	92836	09428	61208	74982	36498	32764	81276	01
4986	40932	70987	32123	49817	26346	81287	65491	87364	81
721	75654	55656	12737	72727	72727	91918	63473	67867	70
6723	87629	37677	32612	53498	71296	28756	18276	98716	87
7269	76329	74698	76857	98670	27601	56701	57601	73648	15
591	87364	87265	96710	27630	12673	84769	28743	98127	50
658	63298	75698	27465	87326	49876	28376	81273	98615	62
667	87432	74328	78674	29867	32867	67867	86786	43206	432
667	68768	68763	34234	34238	68768	62342	48273	48768	234
936	98432	32432	86743	43286	43286	43286	43286	43286	432
743	86743	86743	39867	32867	86743	43286	43286	43243	867
741	86743	86743	86743	86743	86743	86743	86743	86743	435
543	98798	98754	98754	98754	98754	29867	67543	67986	867
676	87698	69876	87698	69876	87612	12341	34867	86798	632
867	43298	65656	56756	56123	32143	14321	32143	14321	321
741	02787	58765	76587	58765	76587	58765	76587	58756	765
75476	76543	54365	36543	54365	36543	54365	36543	54365	543

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #225, June 2016

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.

The world is in turmoil and the problems don't seem to end soon. Despite the increasing tension and military activity, there is no increase in numbers activity. I know that this is the same pattern that we noticed in the past but still ... you always hope for more active stations.

M23 woke up from hibernation. It was active between 15 and 24 June and then disappeared again.

The conditions were often quite bad in June but we still have a nice bunch of logs and transcripts for you.

Thanks to everyone who contributed to this newsletter, also those who people who helped with several Spanish and Russian translations.

VOICE STATIONS



E06

13985/15830 kHz, 02-06/16-06/17-06, 0500/0600 UTC

328 649 105

71285 82353 99919 97052 45038 00876 05692 13481 73939 23570
32260 22660 55723 82924 36192 53003 35372 93380 12316 66814
40195 45461 58146 51145 77892 14847 13009 82196 02295 09838
89068 49189 76473 05616 36437 48643 87886 38774 09543 85007
95280 60535 26968 38574 12005 72093 41927 86615 55444 90527
65572 88676 17255 18718 10325 71975 34081 17701 45408 77827
63458 04908 81783 55052 94568 26717 28659 11280 48555 78758
88768 58116 48070 72413 84617 11087 60749 70938 32862 30303
46304 43663 09025 12788 61908 11682 69732 72409 05574 83497
24654 68332 02210 04034 75341 67956 62035 65471 63145 55261
66045 53337 93405 20491 58221
649 105 00000

14689/12143 kHz, 18-06/19-06, 1100/1200 UTC

Replaced M42d slot 14689/12143/10186 kHz at 1100/1110/1120 UTC

832 604 58

09497 24481 51174 24298 18136 23307 80577 86071 28038 34686
02750 42438 35347 89984 50440 99619 04143 08514 57438 03435
72250 09784 44834 86260 05742 87898 56445 97652 57719 52580
69832 64295 60482 51807 51931 66342 40133 31455 70575 66448
65073 39547 70694 26830 71487 81700 39396 77292 07547 59989
71181 28401 00291 41578 59449 92096 56255 03662
604 58 00000



E07

13524 kHz, 01-06, 1840 UTC

865 865 865 1 837 25 837 25
99245 71174 46671 19549 53174 47051 04215 78754 54607 54066
24353 36977 97489 27640 66767 92652 60647 00265 36459 88055
94257 61332 28727 40617 87534
000 000

14842/13442/12142 kHz, 01-06, 1700/1720/1740 UTC

841 841 841 1 884 41 884 41
40735 28532 30128 30909 96771 78003 36602 11473 80117 00463
71800 79279 56124 83811 39686 95651 38858 28045 13812 26565
52487 83567 84899 34224 52209 53047 15381 93351 08371 24521
43331 60231 81162 04826 88460 75908 58670 69634 10431 92392
37025
000 000

9064/10264/11464 kHz, 04-06/05-06, 0600/0620/0640 UTC

024 024 024 1 296 70 296 70
90750 26419 30367 09455 82182 02730 08138 55254 14831 67930
12028 12182 62547 70453 60109 55669 05779 01165 07897 67782
01103 51164 55706 80770 95139 51350 22296 31510 43964 64681
08326 13567 41430 00148 70112 79476 35771 90376 04857 01280
11749 47199 94645 12457 25630 98355 11422 57599 38969 23774
78295 74460 99684 76755 80471 34880 36650 33579 18225 16730
02338 84110 54205 10168 32983 49167 06200 20206 56823 07232
000 000

14842/13442/12142 kHz, 08-06/12-06, 1700/1720/1740 UTC

841 841 841 1 528 42 528 42
64624 99808 52281 94379 19011 48421 51951 34869 21933 83825
47283 99573 12136 17850 66802 15662 56730 97046 23313 44584
00676 03278 41098 73279 27875 75810 82599 77076 76783 59018
43095 99367 56819 86003 81549 04201 71504 43511 37068 72342
31257 60920
000 000

9064/10264/11464 kHz, 11-06/12-06/18-06/19-06/25-06/26-06, 0600/0620/0640 UTC

Note: the 0640 transmission on 25-06 started at 0643 UTC

024 024 024 1 259 28 259 28
95452 49346 70032 39671 91272 23521 17934 09976 79073 84987
04765 62846 19335 51457 80810 08694 31016 40241 65782 11838
65521 57820 74625 13342 97557 01509 66078 14042
000 000

16238/14828/13428 kHz, 15-06, 1900/1920/1940 UTC

384 384 384 1 688 34 688 34
20828 63024 54686 15217 33820 19147 57245 46892 83694 57060
42102 73449 66089 29065 63632 00313 80781 10806 23600 41639
98170 45981 82389 69683 47391 12910 95433 64776 97343 01978
47786 22688 69928 26911
000 000

16238/14828/13428 kHz, 20-06/22-06, 1900/1920/1940 UTC

384 384 384 1 255 21 255 21
25083 08288 27062 55135 15354 99857 75571 64692 75001 49542
21910 92458 82144 64285 75935 76461 83511 79130 79917 86000
13641
000 000

14842/13442/12142 kHz, 29-06, 1700/1720/1740 UTC. Stops and restarts at 1721 UTC

841 841 841 1 315 125 315 125
47724 00834 86968 50886 14370 92517 86723 01518 80144 66586
35369 52716 49551 98151 16044 36845 79428 42915 40247 65092
78276 94987 03335 15404 68349 92262 35707 30915 99666 33018
67578 74436 12126 37226 35416 83070 50207 31230 44652 57524
73879 23379 36901 09040 84819 28596 86271 19407 44133 60161
83370 82964 46182 46172 61674 52026 71544 32433 48770 47118
26159 06802 68037 16949 01652 30573 43479 50936 49334 83046
59487 24190 27377 74070 50805 83687 77604 08895 05024 19399
37338 39461 28871 70408 90505 36914 60585 18149 91924 37137
26993 35844 89981 82701 59544 15430 31052 36258 84616 24239
97562 95878 68690 08975 18435 48584 10790 75175 72226 77710
45644 76687 39102 56550 55835 04446 42849 96378 32590 57825
34516 74104 33922 10313 53107
000 000



E07a

12166/10766/9266 kHz, 08-06, 2000/2020/2040 UTC

172 172 172 1 36764 7918 91 7918 91
98151 22628 74897 20486 47396 13344 90442 52828 44223 54098
06643 92987 58941 47343 95271 04056 46691 41531 24659 12353
70125 50782 85516 03328 13738 76733 71096 15644 44293 48762
60027 95108 61822 40074 93982 01614 95831 01717 57174 35612
39858 11151 87619 97440 33140 03069 47913 80192 28713 90109
92038 00392 43290 97676 37237 50979 27095 08583 78757 16806
97217 00224 49438 21261 53183 18260 29059 22613 65569 84494
90897 41311 81044 32315 64518 65484 50817 45236 52950 69795
93369 60070 83614 10821 15477 49418 79733 71120 74195 34611
45756
000 000

12182/11082/10182 kHz, 10-06, 1510/1530/1550 UTC

101 101 101 1 30401 2548 83 2548 83
89987 08242 90469 04547 96307 80139 00121 22155 07491 52188
53563 92763 46865 62964 66167 50803 17982 75811 09508 13457
13531 09465 75106 50190 79163 91529 33606 19376 61630 65440
50099 92026 53381 27369 34817 22362 46834 09809 31403 24147
51817 16660 23879 65482 10579 17549 40928 79022 27668 34167
34868 81019 21797 59639 86963 37924 15385 71120 16240 56522
49866 05066 76755 61305 15242 21521 26415 02185 07662 72223
74354 52501 31960 15518 07581 79297 82178 89105 69536 57499
19371 11232 10529
000 000

13373/14373/14873, 11-06, 0800/0820/0840 UTC

338 338 338 1 30401 2548 83 2548 83
89987 08242 90469 04547 96307 80139 00121 22155 07491 52188
53563 92763 46865 62964 66167 50803 17982 75811 09508 13457
13531 09465 75106 50190 79163 91529 33606 19376 61630 65440
50099 92026 53381 27369 34817 22362 46834 09809 31403 24147
51817 16660 23879 65482 10579 17549 40928 79022 27668 34167
34868 81019 21797 59639 86963 37924 15385 71120 16240 56522
49866 05066 76755 61305 15242 21521 26415 02185 07662 72223
74354 52501 31960 15518 07581 79297 82178 89105 69536 57499
19371 11232 10529
000 000

12166/10766/9266 kHz, 22-06, 2000/2020/2040 UTC

172 172 172 1 64632 7071 79 7071 79
33725 05175 91173 22165 83808 52252 54302 53583 45825 74615
47556 92743 11724 69310 51688 62820 90496 15767 74726 26500
84405 28183 26917 68128 07227 49306 72512 46656 60122 62397
02633 87795 09386 62866 38752 36243 14280 23488 54394 85396
05635 58167 65469 23306 06799 86050 16827 58167 49893 07030
95565 96111 67099 09742 52961 69228 28459 99651 58527 75007
15484 55668 21240 04962 72142 96593 37557 74973 35594 82502
59024 56281 18079 70139 04354 78751 57852 47189 02837
000 000

7933/9133/10233 kHz, 23-06, 0430/0450/0510 UTC

912 912 912 1 64632 7071 79 7071 79
33725 05175 91173 22165 83808 52252 54302 53583 45825 74615
47556 92743 11724 69310 51688 62820 90496 15767 74726 26500
84405 28183 26917 68128 07227 49306 72512 46656 60122 62397
02633 87795 09386 62866 38752 36243 14280 23488 54394 85396
05635 58167 65469 23306 06799 86050 16827 58167 49893 07030
95565 96111 67099 09742 52961 69228 28459 99651 58527 75007
15484 55668 21240 04962 72142 96593 37557 74973 35594 82502
59024 56281 18079 70139 04354 78751 57852 47189 02837
000 000



E11a

13424 kHz, 08-06/10-06, 0545 UTC

348/39 Attention
86094 21185 82733 60786 29856 14740 16189 63352 32786 05008
98020 48767 52554 65535 45420 74725 85942 87081 86204 66799
01526 66714 31950 60691 38042 58160 25353 12438 93380 63193
87006 96169 87268 10234 41841 41338 34286 41467 36661
Attention, rpt msg, out

14865 kHz, 08-06/11-06, 1705 UTC

393/34 Attention
54007 45421 67359 03241 71932 97270 18397 28024 63947 48918
15085 70898 46698 40944 19633 09002 65411 62632 64993 22260
34148 11378 52634 98605 66367 25545 35105 60755 84056 37341
52754 22098 86312 19832
Attention, rpt msg, out

15632 kHz, 09-06, 0745 UTC

335/39 Attention

09284 86939 64264 19871 27370 33996 84102 87524 95010 07232
75590 88557 71468 19719 05046 29537 21814 74332 84289 45603
02665 40004 16308 38231 07116 72952 15888 02367 18478 30402
51875 81857 16301 64611 85156 14324 26587 19282 06020

Attention, rpt msg, out

13908 kHz, 10-06, 0600 UTC

189/31 Attention

01950 69945 73970 26977 07435 17001 46177 17879 32736 89717
08118 26360 01027 93949 57341 29236 62639 03681 82781 71618
25946 95255 20330 10995 16403 55733 44051 47152 37756 29421
90585

Attention, rpt msg, out

7984 kHz, 11-06, 1730 UTC

408/38 Attention

29243 33098 74404 18101 66212 65839 73018 22927 64311 14336
06444 88790 74902 05147 67706 77573 83345 74322 61700 30357
62335 36608 49597 55236 27816 56977 67827 67080 71011 24288
06452 41336 53482 11356 73697 62063 28581 77277

Attention, rpt msg, out

14975 kHz, 12-06, 0805 UTC

314/35 Attention

85664 94426 13970 60515 49058 64719 88050 92081 69709 78616
68636 64976 61237 78854 15240 65047 56942 92193 07838 69385
52267 93078 83309 34101 79692 84385 99238 83496 77204 08068
89998 09564 35102 84172 01860

Attention, rpt msg, out

9130 kHz, 12-06, 2005 UTC

366/34 Attention

38118 12334 21049 95933 01162 19360 66437 37870 83237 62224
02482 18386 11515 16753 27419 03132 19625 26007 99987 72574
49391 64460 92304 55288 37686 42985 99401 90186 90305 90896
32505 59915 23774 65190

Attention, rpt msg, out

10800 kHz, 13-06, 0450 UTC

411/34 Attention

62906 04033 89433 07866 44287 01800 85969 03046 93993 56827
82917 82517 26234 23680 89444 47265 42795 58550 38551 27789
88475 13371 95558 07571 13060 28859 11301 35963 62772 37473
91277 63514 32507 91713

Attention, rpt msg, out

13424 kHz, 14-06/16-06, 0645 UTC

515/35 Attention

56278 60555 08928 86730 06432 59530 64499 24156 19113 85665
23545 38324 07641 15019 96140 64309 92371 40828 70765 53728
19280 49905 51302 21928 24331 19308 32169 22871 42135 30727
43273 91540 05694 97863 90449

Attention, rpt msg, out

14753 kHz, 14-06/17-06, 0710 UTC

639/36 Attention

20578 53878 75669 39941 87015 67227 09894 94667 87681 82596
99199 61662 66623 09290 80053 47912 24610 93602 51186 97144
43158 95860 16726 04989 73735 31644 61776 25372 90947 75129
02633 00451 84694 09305 02628 77927

Attention, rpt msg, out

10302 kHz, 14-06/15-06, 1205 UTC

466/33 Attention

83934 53092 89946 11772 37727 49947 10255 25454 40078 17317
84748 58365 90849 85830 43227 93930 09995 49390 68168 12750
68331 29334 82583 50185 32363 25228 14668 07972 88038 74839
13646 66371 84023

Attention, rpt msg, out

15803 kHz, 14-06/15-06, 1300 UTC

135/38 Attention

71175 88561 42641 92126 73491 82911 07116 64053 01971 80264
42329 01273 40343 80145 04288 21135 44880 29089 23539 70191
99581 78860 40956 17499 82499 21680 78652 25905 67942 98654
31127 67200 85548 82993 89366 91788 09277 76507

Attention, rpt msg, out

15825 kHz, 14-06/18-06, 1345 UTC

910/30 Attention

92619 15049 23536 20702 08903 42901 48713 64090 53346 39606
72840 17047 34402 81139 62752 96087 99940 75030 02079 67298
94969 14236 43060 08489 20573 11958 35378 88593 49085 40053

Attention, rpt msg, out

11581 kHz, 16-06/18-06, 1300 UTC

580/34 Attention

79205 79192 01752 99822 19420 01154 67734 36244 44391 73828
35759 10233 90279 78976 37242 33873 85663 56904 34537 92674
86928 04671 15902 40562 44883 03092 02070 38942 16192 31176
94959 84318 99621 02824

Attention, rpt msg, out

9610 kHz, 20-06, 0745 UTC

269/38 Attention

07634 07441 55877 72377 57332 78177 25743 57792 94697 80742
82766 24134 32496 99870 11576 40168 52169 14700 97585 38556
55090 10765 02572 35121 55032 68717 77211 13393 49204 31250
66311 22814 53113 30384 03714 45050 34140 07555

Attention, rpt msg, out

13537 kHz, 20-06/24-06, 1225 UTC

527/32 Attention

92331 89742 63388 12746 86692 72998 72339 07301 38635 73708
51129 91010 04688 83989 66477 59507 03065 54353 12361 65295
90068 43568 56496 86277 39372 21018 13993 04091 48846 21389
10505 86244

Attention, rpt msg, out

13873 kHz, 21-06, 1045 UTC

571/39 Attention

39363 76847 77021 26816 63197 27922 83507 61446 85687 01543
05173 84960 40313 99447 40694 04956 55730 19627 71144 34585
36366 62594 40854 70261 09739 21458 78723 92862 92900 95540
29166 18511 65963 09596 44786 97516 11446 81588 33646

Attention, rpt msg, out

6807 kHz, 23-06, 0820 UTC

431/35 Attention

79406 60153 47163 65276 98337 46796 77968 07964 20303 40022
91219 70365 04514 91444 08419 31749 66178 73371 99005 99882
78404 75632 50551 09161 46141 91033 12422 44409 13639 02760
00402 85839 72063 31955 10599

Attention, rpt msg, out

10356 kHz, 23-06, 1530 UTC

269/38 Attention

07634 07441 55877 72377 57332 78177 25743 57792 94697 80742
82766 24134 32496 99870 11576 40168 52169 14700 97585 38556
55090 10765 02572 35121 55032 68717 77211 13393 49204 31250
66311 22814 53113 30384 03714 45050 34140 07555

Attention, rpt msg, out

13427 kHz, 27-06/28-06, 0900 UTC

534/38 Attention

71063 59360 87911 90593 00224 54729 50534 80092 35120 19262
65527 48989 71035 24150 04648 94402 93942 79987 14171 56332
94738 37174 99366 49142 16349 57560 09089 95561 95447 92150
12848 24295 09998 27140 24831 48527 54612 20336

Attention, rpt msg, out



E17z

16780/12850 kHz, 09-06, 0800/0810 UTC

674 209 5 31900 48366 36534 33840 48436 209 5 00000

16780/12850 kHz, 23-06, 0800/0810 UTC

674 210 5 88280 84116 53718 78927 34694 210 5 00000



E25 / E25a

6140 kHz, 02-06, 0740 UTC

012 012 01

Live message. Male operator. Only the ID is sent.

6140 kHz, 06-06, 0740 UTC

250

8145 2080 3190 4492 6575 9403 1058 3190

Beeps present

6140 kHz, 07-06, 0800 UTC

360 60 360

Message Message Message

2080 3230 1504 7095 6734 1809 3230 5804

Rebeat Rebeat Rebeat

80 208 3230 1504 7095 6134 1809 3230 5804

End of message. End of transmission

Message sent live. Male operator. Beeps and Windows sounds. Errors

6140 kHz, 07-06, 1030 UTC

672 672 672 672 672 672 672 672 672 672 672

Message Message Message

1072 3046 1632 6633 5777 6914 2785 7978 1824

Rebeat Rebeat Rebeat

1072 3046 1632 6633 5777 6914 2785 7978 1824

End of message. End of transmissions

Female operator. Beeps, Windows 7 shutdown sound at the end

6140 kHz, 15-06, 0744 UTC

Female operator. Beeps and windows sound

250 250 250 250 250 250 250 250 250 250 250

Message Message Message

9044

250 250 250 250 250 <long pause>

250 250 250 250 250 250 250 250 250 250 250

Message Message Message

904 3080 2710 4416 1124 5683 0628 2710

Rebeat Rebeat Rebeat

9044 3080 2710 4416 1124 5683 0628 2710

End of message. End of transmission

6140 kHz, 16-06, 0736 UTC

Female operator. Windows sounds, beeps

250 250 250 260 250 260 250 260 250 260 250 260 250 260 250 260 260 260 260

Message Message Message

5344 4090 2610 5731 7574 8055 2695 4428 2610

Rebeat Rebeat Rebeat

5344 4090 2610 5731 7574 8055 2695 4428 2610

End of message. End of transmission

E25a, 6140 kHz, 02-06, 0740 UTC

Male voice in USB sends an E25 ID (012) then goes off. Also, several carriers turning on and off noted all morning.

E25a, 6140 kHz, 04-06, 1030 UTC *)

Extremely distorted Arabic counting in USB. Carrier switching on and off from 1000 to 1100 UTC. Counting again at 1100 UTC

E25a, 6140 kHz, 05-06, 1215 UTC

Windows login sound and very short Enta Omri noted before the transmission

E25a, 6140 kHz, 22-06, 0800 UTC

4 1 364 364 1 364 1 364 1 364 1 364 1 364 1 364 1 364 1 364 1 364 1 364 1 364 1

Message Message Message

364 1 364 1 364

Beeps

***) Ten count in Egyptian Arabic**

Digit	Arab	Arab	Pronunciation
0	٠	صفر	Sifr
1	١	واحد	WaaHid
2	٢	اثنين	Itnein
3	٣	ثلاثة	Talaata
4	٤	أربعة	Arba'a
5	٥	خمسة	Xamsa
6	٦	ستة	Sitta
7	٧	سبعة	Sab'a
8	٨	ثمانية	Tamanya
9	٩	تسعة	Tis'a
10	١٠	عشرة	'Ašara

E25 schedule for July, submitted by qsr711:

1st Sunday, 12:15 UTC, 9450 AM, probably ID 835 and/or 837.

1st Monday, 7:40 UTC, 6140 AM, ID 250.

1st Tuesday, 8:00 UTC, 6140 AM, ID 360.

1st Tuesday, 10:30 UTC, 6140 AM, ID 672.

1st Thursday, 7:40 UTC, 6140 AM, ID 012.

3rd Wednesday, 7:45 UTC, 6140 AM, ID 250.

3rd Thursday, 7:45 UTC, 6140 AM, ID 250 260

4th Wednesday, 8:00 UTC, 6140 AM, ID 364 (E25a).



G06

Tests

6887 kHz, 09-06, 1803 UTC 111 111 111

6887 kHz, 09-06, 1810 UTC 111

6887 kHz, 09-06, 1818 UTC 111 11

6887 kHz, 09-06, 1819 UTC 111

6887 kHz, 09-06, 1824 UTC 111

6887 kHz, 09-06, 1830 UTC

842 317 90

37839 35787 98273 60187 16202 95625 31691 52538 61025 22567
93296 67423 40968 16891 63781 34820 04842 60491 75924 04594
77878 46766 09098 78643 09548 46677 90906 89898 56566 67677
76748 84848 84877 16891 63781 34820 04842 87874 78788 78888
93296 67423 40968 16891 63781 34820 04842 60491 75924 56784
09548 46677 90906 89898 56566 67677 23445 34344 45454 34344
35787 98273 60187 16202 95625 46565 43434 89798 54546 78788
76748 84848 84877 16891 34567 34820 04842 87874 78788 78888
68768 76876 58746 58764 87564 85764 87567 64848 85748 84784
317 90 00000

6887 kHz, 23-06, 1830 UTC

The message consists of the first 60 groups of the message sent on 9-6.

842 317 60

37839 35787 98273 60187 16202 95625 31691 52538 61025 22567
93296 67423 40968 16891 63781 34820 04842 60491 75924 04594
77878 46766 09098 78643 09548 46677 90906 89898 56566 67677
76748 84848 84877 16891 63781 34820 04842 87874 78788 78888
93296 67423 40968 16891 63781 34820 04842 60491 75924 56784
09548 46677 90906 89898 56566 67677 23445 34344 45454 34344
317 60 00000

5943 kHz, 24-06, 1930 UTC

218 317 90

37839 35787 98273 60187 16202 95625 31691 52538 61025 22567
93296 67423 40968 16891 63781 34820 04842 60491 75924 04594
77878 46766 09098 78643 09548 46677 90906 89898 56566 67677
76748 84848 84877 16891 63781 34820 04842 87874 78788 78888
93296 67423 40968 16891 63781 34820 04842 60491 75924 56784
09548 46677 90906 89898 56566 67677 23445 34344 45454 34344
35787 98273 60187 16202 95625 46565 43434 89798 54546 78788
76748 84848 84877 16891 34567 34820 04842 87874 78788 78888
68768 76876 58746 58764 87564 85764 87567 64848 85748 84784
317 90 00000



S06

13944/11496 kHz, 08-06/09-06, 1500/1600 UTC

387 160 54

74680 00642 98860 83898 63194 77203 94898 46531 70120 88352
71808 29767 44087 68906 37051 12779 65309 16683 38481 03666
93402 00357 47375 73336 30547 43972 24759 05896 67149 24061
50719 63962 02230 40286 21398 92382 55693 45563 43346 08747
14685 46593 79926 54165 81218 10741 29459 02736 13256 40198
39792 53137 76437 99368
160 54 00000



S11a

11581 kHz, 07-06/10-06, 1020 UTC

421/36 Vnimaniye

24207 60300 32567 34293 15844 86950 70152 39896 19242 80874
97385 20925 06366 76415 39268 68650 71107 69168 01243 79879
40243 44657 27228 19402 64253 93960 06395 11059 22857 40065
82873 79315 30262 55787 78045 57443

Vnimaniye, rpt msg, konets

5149 kHz, 14-06, 0455 UTC

322/39 Vnimaniye

18790 98209 66726 82363 24319 09764 01281 37752 22586 00306
83352 27403 57878 05062 73865 95881 86168 75457 13104 35030
18610 16792 27057 26682 20341 53341 05668 56387 57737 27299
74808 43870 83568 27440 66135 79374 67552 01474 67144

Vnimaniye, rpt msg, konets

8530 kHz, 21-06/24-06, 0915 UTC

487/39 Vnimaniye

34474 00809 69215 81244 32529 25570 08696 30832 19152 25895
18823 63720 97536 44910 58781 87694 33856 53698 12100 91374
75649 96972 90915 86744 53943 38133 71129 12427 53953 75713
28863 57433 70541 90053 85710 56466 40717 22823 00288

Vnimaniye, rpt msg, konets



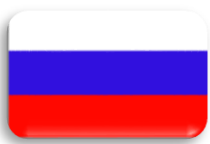
S28 - The Buzzer

Mode: USB


Frequency: 3216 & 4625 kHz

Date	UTC	Details
06-06	0955	ZhUOZ 49347 DYROChKA 56847778
06-06	0953	ZhUOZ 06392 ZNACHShchIJ 67457137
20-06	1118	ZhUOZ 20379 BRYeDOPONG 51865298
20-06	0945	ZhUOZ 36239 BOYeKOCIAN 39125640
20-06	0800	ZhUOZ 21656 VOZNYeSYeNIYe 68097350
20-06	0758	ZhUOZ 70966 VYMOROChNYJ 70063676
27-06	1229	ZhUOZ 70348 DZhiHAD 23635984
23-06	1444	ZhUOZ 59669 ISSYeChYeNIYe 71866289 BUYaNOFARSh 98545153 ZAJCOVRYeD 21641766
23-06	1443	ZhUOZ 31814 BLYuMOSHYeIH 19913345 VYeYeROPAZ 84553431
23-06	1338	ZhUOZ 50053 ZAIROZAD 66347183. Female voice on background
23-06	1237	ZhUOZ 31478 VARIKOZNYJ 76729016
23-06	1101	ZhUOZ 36925 BASHONAST 62420041
23-06	1110	ZhUOZ 60177 YeJSKKYusYu 64401210. Female voice on background
22-06	1904	ZhUOZ 28481 GRANOHYeR 09581028
22-06	1900	ZhUOZ 26426 GUAMOChUB 23400885
22-06	1858	ZhUOZ 89472 IZYuMOKLICh 97739512. Female voice on background
22-06	1848	ZhUOZ 91575 ARHYeOGRAF 09600781
22-06	1742	ZhUOZ 52369 ZAKRYTIYe 61437314
22-06	1719	ZhUOZ 05261 BAKSOVDOH 38197622 DOKOShiSh 77096142. Phone rings on background

Date	UTC	Details
22-06	0741	ZhUOZ 36139 SNYeGOChYeLN 36020024. Female voice on background

	<h3><u>S30 - The Pip</u></h3> <p>Modes: CW (Pip), USB (messages) Frequencies: 3756 kHz (night), 5448 kHz (day)</p>
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Freq	Date	UTC	Details
3756	19-06	1810	YMA5 VTH3 AGDT 'U1B OSOG BO6C F56Shch 9GSA ZhBZU 4RVZ
3756	18-06	1812	53OB 78MV DEAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG
3756	22-06	1857	V'Z' NLCE LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CShchJ 27Shch'
3756	22-06	1836	8S1Shch 28302 BATIK 57196181. Time mark after the message
3756	22-06	1827	8S1Shch 57780 KURSOChAL 65821569. Time mark after the message
3756	22-06	1821	8S1Shch 38779 GROTYeSKOVYJ 65987973. Time mark after the message
3756	22-06	1819	8S1Shch 33856 DYeKOVINT 94206220. Time mark after the message
3756	22-06	1817	8S1Shch 83944 DOMRIST 22310390. Time mark after the message
3756	22-06	1814	8S1Shch 39315 IDOLOLYeS 36952636. Time mark after the message
3756	22-06	1742	TUZR 82537 KYeDROZAYaC 17895886. Time mark after the message
3756	22-06	1739	8S1Shch 50929 JOTOGROG 56456454. Time mark after the message
3756	22-06	1733	5J7Shch TUZR 89671 15125 MYSOV'YuK 61113157. Time mark after the message
3756	20-06	1819	Y8VM 6I2Zh 8CShchJ 27Shch' N1DU 53OB 78MV DEAY JH'J 12CI

	<h3><u>S32 - Squeaky Wheel</u></h3> <p>Mode: USB Frequencies: 3838 kHz (night), 5473//7009 kHz (day)</p>
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Freq	Date	UTC	Details
3828	20-06	0015	SLIVA-94 ZASLONKA-27 YaHTA-94 OTPOR-89 LANDYSh-74 S30 in the background
3828	19-06	1904	BIZON-64 PYeSOChNYJ-21 KARTA-11 DUBLYoR-68 PYeNZ-07 KURGAN-40
3828	18-06	1835	BIZON-64 KOVBOJ-39 LANDYSh-74 KURGAN-40 NYeVKA-26 ZASLONKA-27 KARTA-11 OTPOR-89 PYeSOChNYJ-21 ShULER-60 STUPA-32 RYeZINA-38
3828	23-06	2058	AL'FA-45 68295 19374 OVYeVANIYe 80708953. S30 in the background
3828	23-06	1953	AL'FA-45 94465 MYeTROZNAK 68966249. S30 in the background
3828	22-06	1907	SLIVA-94 UTYoS-94 DZhIGIT-46 FONTAN-34 ALEUT-09 PYeNZ-07 DUBLYoR-68 STAZhER-29 STOROZh-62 YaHTA-94 RUZh'E-26 ROSA-64
3828	22-06	1841	AL'FA-45 62453 NYeRVOMART 47863286
3828	22-06	1833	AL'FA-45 34462 ALOE 46654189
3828	22-06	1829	AL'FA-45 66828 DOGOKNIT 63549174
3828	22-06	1827	AL'FA-45 33066 INTYeR'YeR 60168258
3828	22-06	1826	AL'FA-45 93838 IDIShOKVIT 43363719
3828	22-06	1822	AL'FA-45 58472 VYChISLIMYJ 45469337. Error in reading
3828	22-06	1753	BIZON-64 KOVBOJ-39 LANDYSh-74 KURGAN-40 NYeVKA-26 ZASLONKA-27 KARTA-11 OTPOR-89 PYeSOChNYJ-21 ShULER-60 STUPA-32 RYeZINA-38
3828	22-06	1744	AL'FA-45 64880 GAZOSVARShchIK 90383532. S30 in the background
3828	21-06	1847	KURGAN-40 NYeVKA-26 ZASLONKA-27 KARTA-11
3828	20-06	1849	BIZON-64 KOVBOJ-39 LANDYSh-74 KURGAN-40 NYeVKA-26 ZASLONKA-27 KARTA-11 OTPOR-89 PYeSOChNYJ-21 ShULER-60 STUPA-32 RYeZINA-38



V07

12182/11182/10282 kHz, 05-06, 0700/0720/0740 UTC

112 112 112 1 511 35 511 35
 50831 31979 23948 43225 25547 22153 91714 91460 96595 71944
 88642 26732 17768 96518 59044 52619 31497 32307 61593 33243
 55558 18894 23032 77014 24232 93241 07445 20959 59672 89103
 23562 31467 82263 18100 72203
 000 000

12182/11182/10282 kHz, 26-06, 0700/0720/0740 UTC

112 112 112 1 113 93 113 93
 33007 03225 37373 93173 90187 40553 40133 37305 13531 43122
 38359 18432 54330 17584 18537 47000 19758 40148 81099 80255
 42013 35829 13275 21178 80223 21782 31308 75872 40044 84811
 38900 39733 37341 32703 93527 47324 25149 89822 28334 14593
 11332 74205 41338 04051 45280 45731 73340 19922 37300 11131
 89370 83743 38731 14795 48098 55585 42138 12239 02433 24218
 37313 31834 87315 29539 54807 07912 17207 03373 04215 83338
 30002 25023 00819 79977 28913 45133 74350 43839 47903 73487
 34408 49137 34951 19343 93171 75371 74532 95994 04851 34982
 99044 95220 73338
 000 000



V13 - New Star Broadcasting Station

星星廣播電台 Xīngxīng guǎngbò diàntái

Current schedules:

15388 kHz New Star Broadcasting #1 0200 UTC
 15388 kHz New Star Broadcasting #1 0300 UTC
 15388 kHz New Star Broadcasting #2 0400 UTC
 11430 kHz New Star Broadcasting #4 0500 UTC
 11430 kHz New Star Broadcasting #4 0600 UTC
 15388 kHz New Star Broadcasting #3 0700 UTC
 15388 kHz New Star Broadcasting #3 0800 UTC
 9725 kHz New Star Broadcasting #4 1200 UTC
 9725 kHz New Star Broadcasting #4 1300 UTC



V21 Cuban Babbler

5637 kHz, 09-06, 1400 UTC, Cuban Babbler

29 29 vale 679 29 29 804 253

Atento soporte 253

25 25 correcto 295 Fernando 297 13

33 33 812 497 811 497 14

33 33 812 449 812 449 14

33 33 870 238 870 238 14

00 0040 0040 6010 259 810 259 21 00 10 y (and) 15

0025 -error-

0021 0021 674 439 6064 439 61 00 10 y (and) 15

0022 0022 362 366 362 366 11 00 616

39 39 860 279 860 279 16

38 38 866 276 866 276 16

33 33 810 319 812 319 ??

31 810 16

36 36 810 818 810 818 810 818 14

40 40 810 413 810 473 17

25 25 802 821 802 821 ??

33 33 860 422 860 429 18

22 22 462 329 462 329 18

00 00 0023 0023 832 238 832 238 ??

00 0029 0029 814 311 814 311 61 00 ??? 518???

38 30 866 24 ???

33 33 810 6 564 ???

810 20 ????



VC01 - Chinese Robot Chinese Air Defense

Modes: USB and LSB

The station changes its frequencies frequently. Known frequencies:

3036, 2519, 3679, 3749, 3837, 4029, 4075, 4111, 4258, 4343, 4410, 4422, 4427, 4480, 4530, 4580, 5006, 5195, 5232, 5288, 5303, 5328, 5330, 5393, 5436, 5592, 5700, 5742, 5802, 5832, 5985, 6209, 6479, 6505, 6771, 6840, 6858, 6860, 6916, 6949, 6960, 7090, 7351, 7506, 7608, 7684, 7726, 7739, 7744, 7756, 7770, 7792, 7864, 7865, 7880, 7890, 7924, 7938, 8000, 8025, 8170, 9000, 9169, 9192, 9209, 9290, 9340, 10508 kHz.

Logs:

4111 kHz, 09-06, 2143 UTC

4111 kHz, 13-06, 1213 UTC

5985 kHz, 27-06, 1247 UTC

5985 kHz, 27-06, 1310 UTC

MORSE STATIONS

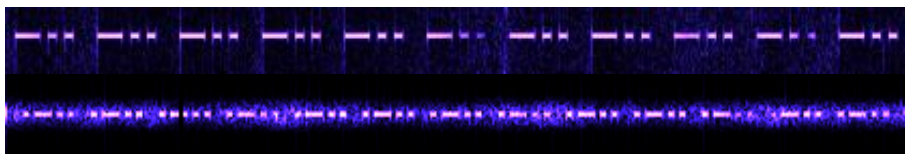


MX

Russian Military beacons

Beacon D

Beacon L



M01a

4073 kHz, 14-06, 1738 UTC

289 289 289 807 18
289 289 289 807 18
289 289 289 805 24
111 333 12
020 1112 333 020 111 12
111 999 729 16 729 20 =
10289 63895 10205 91157 97983 51875 16607 10215 48933 20372
24740 65589 13337 20053 78218 13272 82395 70378 17666 36551 =
729 20 000

3957 kHz, 14-06, 2144 UTC

538 538 538 650 60
333 668 78
333 668 78
111 999
111 999 004 23 =
96470 29628 35687 ... =
004 23
111 111 =
180 42 549 69 01086 17091 82362 99042 14022 ... =
111 =
17091 333 111 000

3957 kHz, 14-06, 2144 UTC

538 538 538 650 60
333 668 78
333 668 78
111 999
111 999 004 23 =
96470 29628 35687 ... =
004 23
111 111 =
180 42 549 69 01086 17091 82362 99042 14022 ... =
111 =
17091 333 111 000

4119 kHz, 15-06, 0458 UTC

972 972 972 520 92
972 972 972 520 92
111
972 972 972 520 92

4114 kHz, 15-06, 0506 UTC, i.p.

66318 =
162 20 000
03013 34380 111 333 02 03982
111 333 03 80289
111 999
111 ...

4913 kHz, 15-06, 0726 UTC, i.p.

42831 =
311 10
111 000

6190 kHz, 15-06, 0731 UTC

286 286 286 888 32
286 286 286 888 32
286 286 286 544 44

3899 kHz, 16-06, 0459 UTC

677 677 677
333 158 45
040 02
111 999
328 20 =
70595 75832 88304 80820 16828 17483 19083 32659 20877 94222
37496 88531 70002 38113 12585 88129 32588 16863 50063 75103 =
328 20 000

5080 kHz, 16-06, 0904 UTC, i.p.

6351 111
... 03 63901 78419 02145 03698 25147 65890 =
691 12
111 =
24862 111 =
24862 111 =
03698 111 =
03698 333 111 =
691 12 111 =
658 90 111 000

10233 kHz, 21-06, 0622 UTC

354 354 354 773 76
354 354 354 789 36
111 999
00002 00030 63206 15547 15547 65693 74525 47443 07868 84314
92068 92664 95048 71727 22610 61594 90917 81159 77673 65639
48129 39088 50963 85611 59848 10304 44476 31759 62178 57418
59753 88318 96433 00030 00002 00000 =
002 35 000



M01b

5150//5476 kHz, 27-06, 1915 UTC

858 146 36 =

31407 38617 20647 38967 77189 79576 81279 40855 47219 20144

70568 11926 71036 53187 31992 20299 96458 31174 25372 87697

80056 91207 26434 55207 38893 56933 11740 44620 93063 .2814

50479 54120 25486 46971 14750 32123

= 146 36 000



M08a

Dirección General de Inteligencia

8135 kHz, 07-06, 2300 UTC

i.p. UUGW UNTDA WTGDG GDTTA NNDAN DWRAT TANNT RDGDW TNUGG
ANRNU RAWRA IRWDD DWIIA NNDWW DWDND WNNTA NURUW URITG NIAIW
NWDII WGRNN DRANA GTRDW DUDWG TDNGW DRUUU GIDUD ARUNW DAUGU
IRWAD GTURU NWRRI UGWUG WDATI NIUNW ADANA DNWAT IIRIT NIURI
NDUGT TRURW UDDNU DRDWT RIITR IDDUT ADDWG AGGDW TTUGU WNTAW
RUTUG GIRGI UNDTN AARNG NNIDG WRUUD TIGRT GTIRU ARDWT DINDT
RGIAU WNRTU TGNGA GDTIU RGRUA ADGDN NTRAW UTWWG DIAWN DUDNI
NTNUT DWUNT TGTDU INWGT AGGIU IRUUW TGGGI UNGUR TTIGT AATUR
INRWT RRATT RTNWD TWIRG GUUAR WIUGG ATDWG IUART IAWWU UARTU
GTGGD DIDWI UGTDG IWIID GWUAN GRRIR NGGDA RIRRI RNWGN RTWGG
DIRAU WRNAA NIUWT IIGDG RTRRA DWWTW AUGRI WGDTU GGNIG DRIAD
AR AR AR

UGTDN UGTDN UGTDN UGTDN UGTDN = =

HURTG NATUD GTNIN UWWNR GIMUD TDUUR RUWTD ITNTA IWNIA WWNAD
NRUND RTNAG UIRGT DUNTU NGGTA GWADI DDWAW AUIND IDRDRG IUIWG
GNDTI IWUNW WUIWA DUNAD RTDUA GIGAI UGIUD DDNAR GURAU RGRWU
WDIDG DRDWN NDTIA DGDAI UGGII GGNWI IWTAN UAAIU IAIUI TNGDI
AUTDN AIDTN IAIUW NNIUT UARAD UUWAW NGING RWRWR TGIII ARAUA
UDWTT IWTTG UTDAT RURWR UUTGG NAUIT NRDRI NANTA GURIN DNND
ARUAA GATND DIIDA IADAR AIITT TIAAA DANTR RTTDT IATGW ARUIU
WDDRR AAIIIT NNTRU GEWTU NIIUD TRUIU NDDGI NTGWD NNIAI TGATR
RGERU WATDR GAGAD UIUUD SGNNU UGIRR INNAG WGNAU RGUWG UIWGI
TGTHI



M12

9176/7931/6904 kHz, 08-06, 1800/1820/1840 UTC

257 257 257 1 3635 153 3635 153

06896 87986 66732 32439 01987 40896 09060 81037 85850 25159

87940 76736 55375 22381 71465 36862 63974 85177 63974 89319

36648 53502 05038 36149 38485 33159 34925 84921 35033 45721

83247 08000 52400 39971 64921 95293 40729 62902 15606 06813

68731 17095 47573 81480 54155 35504 35096 64763 74842 21721

79470 74395 90553 84667 40383 08359 72962 44824 76983 47383
90523 49134 47532 87715 21065 43583 53103 04049 70164 84339
73564 85190 32627 04896 83686 31137 90949 92957 72613 41173
08007 40900 09274 57532 11110 55614 21797 57095 71385 20180
22801 39745 14773 87825 05236 48966 22898 62306 91538 88009
59980 35206 94455 01611 70957 22223 08076 53195 11497 58373
98666 19686 83032 98880 43895 93371 71763 86786 15963 07577
02707 21577 38194 82204 27355 66102 67008 00750 35808 77382
33697 52415 67193 68190 87686 34301 74161 45146 06461 84423
39108 01164 51264 81464 61350 05249 11292 74391 41391 81739
39971 42284 94795
000 000

9178/10287 kHz, 14-06, 0820/0840 UTC

816 816 816 1 (R) 4828 51 4828 51
33001 05022 65335 07353 63030 58364 93522 56670 49882 97169
62993 95481 55023 92513 81843 32667 14009 47908 67197 21833
41093 08774 74698 65845 91819 72312 38816 32590 99539 06525
12918 79781 83090 88758 87373 09464 66379 36253 26358 44676
56293 04783 62901 75328 77098 10414 83514 30548 85655 80144
65768
000 000

16269/14669/13369 kHz, 18-06, 2110/2130/2150 UTC,

263 263 263 1 (R) 1818 57 1818 157
23154 24257 82563 17347 52968 50509 01585 48873 53172 22397
14565 72174 28965 91390 10173 74478 74165 97790 12348 32785
51961 72701 60041 55364 24866 09704 03765 86934 99379 67338
14567 15493 97294 55525 24631 86393 78139 63789 39623 36738
90087 36789 01008 44580 53980 14876 10340 13697 69649 54209
83307 47433 12701 60772 20928 93012 46829 30151 90268 78129
61871 79865 35108 84868 62049 28126 76404 78860 19766 83453
69576 79164 93641 21201 21736 95625 12661 02969 92303 07265
67969 00292 18975 41607 79523 63676 93944 71299 42269 53774
68944 34655 21707 56862 83272 56764 89226 57742 14761 83548
94973 12003 59067 18712 86010 67068 23694 40156 23299 90374
79966 76149 42569 36389 82460 31245 43603 31246 31805 99698
33639 75913 84442 78800 38140 03838 62888 58131 46688 06618
50438 13606 97643 67523 78858 36874 23808 68873 35896 07231
54194 96916 67445 91849 34901 89052 79827 10257 45454 59134
05759 47693 70248 81900 02562 05932 94286
000 000

9178/10287 kHz, 21-06, 0820/0840 UTC

816 816 816 1 (R) 8049 68 8049 68
00789 89979 15203 71078 44824 92486 15444 43255 67290 87886
44443 34057 48756 71851 01464 13157 71618 20552 65367 95735
76851 14286 12193 42896 51867 38009 84526 88483 07465 49183
24359 71637 60700 56385 87864 63873 93721 08816 74234 20670
41484 01409 23592 16447 15660 22278 97194 45315 66277 54057
46386 97527 84969 42818 76515 10371 05936 20597 47593 10680
01778 82094 47940 85394 97507 07494 75326 57501
000 000

16117/14717/13417 kHz, 22-06, 1400/1420/1400 UTC

174 174 174 1 (R) 4334 87 4334 87
06678 10840 10265 70241 75635 07207 05433 29421 16696 30984
20068 68998 49662 37565 46200 88146 56213 74613 23532 09235
51454 68186 18614 64511 04015 67169 30010 15395 79245 70535
96906 69385 07736 68673 57271 07936 88779 92338 55843 27208

30542 10122 73469 59990 28124 18589 47541 34761 79670 52923
88053 94340 24361 93929 37252 27343 34767 26786 54132 51242
69744 57760 47482 92253 70810 97556 21622 52479 64552 60495
36796 56075 90592 06398 53731 56486 88189 71796 42596 77874
63515 44055 98652 98626 56607 69277 19423
000 000

13873/13373/11473 kHz, 25-06, 1310/1330/1350 UTC

834 834 834 1 (R) 1905 155 1905 155
70885 14106 68141 13036 34434 99761 15751 62746 12066 91562
14373 15244 00463 53020 28567 64088 99441 00378 54965 65066
33373 04927 45027 25479 24675 04324 96826 73450 08005 12146
93591 28086 50526 13427 30058 89926 93830 27742 87492 37301
29757 79817 01048 87300 58706 62179 15028 67503 78859 80781
01565 82946 73346 29168 42868 40971 96359 55735 27578 16230
20218 39461 55391 35996 02137 11199 93264 70550 76300 49733
10285 04414 35734 55998 10441 95112 53070 94777 44806 11294
13202 53639 51165 82579 35721 16852 82530 41980 75587 59653
57388 59753 46832 09450 68086 65677 79430 00801 30744 20876
25833 33397 59924 64929 78147 67287 35080 63746 68271 54038
65284 27642 64762 04598 82930 58615 92614 61218 39588 97417
04300 43519 30266 60573 09630 49989 66005 34439 99570 85758
28126 55926 25800 93340 99548 32808 77838 33785 86223 73955
70442 75295 40278 80146 48472 68989 87154 52448 90801 23360
69613 20220 82343 88681 82298
000 000

13873/13373/11473 kHz, 30-06, 1310/1330/1350 UTC

834 834 834 1 (R) 1196 173 1196 173
71677 56693 87324 73335 08682 21593 64932 13016 06403 34781
48591 41680 66423 01241 31813 34240 38311 36936 98160 10714
87157 57129 20487 14432 92845 03545 90256 94698 89770 63163
64087 44236 01245 04343 71996 56775 21600 79922 10160 09970
28423 45102 68432 93873 05311 52696 34610 37903 43864 19715
06798 40470 42048 45938 07625 68934 27307 08211 19563 51778
14811 02976 81667 61528 30382 62750 59221 57127 67144 06735
90694 59059 24905 45180 24311 63254 92911 30163 24629 70776
07240 61055 91184 16406 35244 29968 19538 12602 52822 25192
14685 17422 95520 61841 92880 31050 52769 37927 36803 59517
76878 35526 06469 06954 15466 65756 74389 29737 46639 81253
38135 43854 77462 10009 36697 29434 31044 14381 45918 05285
01769 91786 73126 83128 71277 74469 59770 99651 20737 19403
57804 36257 09367 24589 14155 99118 34966 20130 94482 43086
99913 77431 90088 76764 95310 32950 94617 56184 21281 59415
59141 49642 50368 09707 82625 82279 08170 87467 72864 15174
53280 20729 94182 97461 84565 27747 21043 47325 58665 89799
69886 41591 16003
000 000



M14

M14 still appears unscheduled frequently. The 1900/1930 UTC, 9463/7353 kHz schedule with ID 801 completely disappeared in mid-June, it probably was a training schedule.

9463/7360 kHz, 01-06, 1900/1930 UTC

801 (R) 397 50 =

22461 89373 16256 37458 28549 89871 53302 16866 03394 87801
34830 50591 35945 37659 57019 13064 41000 01683 47348 98099
44741 71308 40616 42747 22720 50834 65991 06310 13718 20469
31044 34233 57923 20976 13684 61540 32864 27075 97940 35503
85527 01811 14535 62248 84117 49059 72174 06967 37865 06366
= 397 50 00000

9463/7358 kHz, 02-06, 1900/1930 UTC

801 (R) 724 50 =

39411 49225 35710 34236 77516 72877 98009 58015 18270 88167
43319 85000 36134 96006 94130 92368 15611 86935 18368 70793
40316 05286 43910 65796 43490 20459 08754 97317 49618 53774
89011 68451 61847 34329 71926 99281 74899 82282 66098 46742
18151 43040 66099 96461 58588 20737 13674 37511 18300 84482 =
724 50 00000

9463/7360 kHz, 03-06, 1900/1930 UTC

801 (R) 369 50 =

22709 56001 86214 45798 60161 08468 28768 30680 00127 60970
29175 94729 93244 04867 10008 54789 18620 85166 18762 35515
10453 02437 81094 54336 76562 74168 51433 93221 50994 66561
15627 30710 47896 32648 25340 32622 08848 17710 68873 24907
60841 17915 08096 97057 27090 03113 36175 09521 57857 39729
= 369 50 00000

9463/7353 kHz, 05-06, 1900/1930 UTC

801 (R) 693 50

34141 38983 78951 42280 24817 34282 27067 51012 59546 14739
20721 62761 68798 79059 60261 88326 26859 75110 42218 71367
32070 69879 52874 75013 33662 52352 26392 91239 72338 05235
47173 71424 26838 06459 01145 01535 83620 46416 05667 70389
71902 71844 72728 04411 31201 92318 85137 67331 03590 10273
693 50 00000

9463/7358 kHz, 06-06, 1900/1930 UTC

801 (R) 274 50 =

90392 48272 67849 60496 41907 86637 57694 70039 42288 07265
31277 74465 68362 64269 84147 51395 82610 17011 22849 57260
60731 85635 41360 78233 89997 66609 67543 31239 18103 85708
71808 76014 57184 46873 55166 24134 72704 90388 58867 55947
11893 54819 62807 81362 51419 34126 64895 05419 68989 54420
= 274 50 00000

9463/7358 kHz, 12-06, 1900/1930 UTC

801 (R) 297 50 =

80381 19023 32301 94565 87946 03436 40328 29678 64062 15213
 97288 15291 48430 79784 39967 58548 67849 61597 17820 17838
 44810 00804 45164 07503 39766 18411 95659 13970 50551 07067
 25000 52994 17345 49682 32778 22708 06657 33074 99438 32149
 72742 48813 59273 09978 19905 98464 95382 23042 14108 45418
 = = 297 297 00000

5241 kHz, 12-06, 2300 UTC

376 (R) 190 190 50 50 =

12345 43435 67674 83838 98765 26326 65465 12321 88855 04275
 90123 27446 72311 45454 87456 12235 54321 65432 16161 23456
 34344 65771 90901 89765 12312 13141 15121 09100 76500 09876
 67891 33001 66699 09223 12345 01020 13456 77881 33031 56561
 13690 12091 56342 76547 73456 23874 19634 80989 56890 34087
 = = 190 190 50 50 00000

5240 kHz, 19-06, 2300 UTC, errors, no =

376 (R) 150 190 50 50

12345 43435 67674 83838 98765 26326 65465 12321 88855 04275
 90123 27446 72311 45454 87456 12235 54321 65432 16161 23456
 34344 65771 90901 89765 12312 13141 15121 09100 76500 09876
 67891 33001 66699 09223 12345 01020 13456 77881 33031 56561
 13690 12091 56342 76547 73456 23874 19634 80989 56890 34087
 190 190 50 50 00000

5825 kHz, 20-06, 0000 UTC, errors, no =

376 (R) 190 190 50 50

12345 43435 67674 83838 98765 26326 65465 12321 88855 04275
 90123 27446 72311 45454 87456 12235 54321 65432 16161 23456
 34344 65771 90901 89765 12312 13141 15121 09100 76500 09876
 67891 33001 66699 09223 12345 01020 13456 77881 33031 56561
 13690 12091 56342 76547 73456 23874 19634 80989 56890 34087
 150 150 50 50 00000

10755 kHz, 20-06, 1310 UTC, probably a GRU test i.p.

93471 60065 27340 28240 45331 68569 72817 55063 99986 61242
 16657 94126 82022 42041 58800 20889 22520 10287 90457 39420
 56946 93885 78963 00443 84089 87723 78518 48751 71956 26933
 15236 42236 21589 49696 19951 09659 24717 = =
 261 261 57 57 00000



M21 + variants
Russian Air Defence Forces
Войска ПВО Voyska PVO

6421.5 kHz, 04-06, 1738 UTC

3547.5 kHz, 09-06, 0340 UTC

7249 kHz, 09-06, 0448 UTC

7249 kHz, 10-06, 0421 UTC

2738.5 kHz, 12-06, 1728 UTC

3246 .5 kHz, 13-06, 2003 UTC

3246 kHz, 21-06, 0303 UTC

4941 kHz, 22-06, 1645 UTC

=992038??8???? =992039??8???? =992040??8???? =992041??8????

9958998368340 9959993368640 9958998345344 9959993343844

=990751??0???? = 990752??0???? = 990753??0???? = 990754??0????

=990722??0????

99029111511800 9900998369328 9902993343532 99009905279323 9900990527932

=992307??0???? =9923018??0???? =992309??0???? =992310??0????

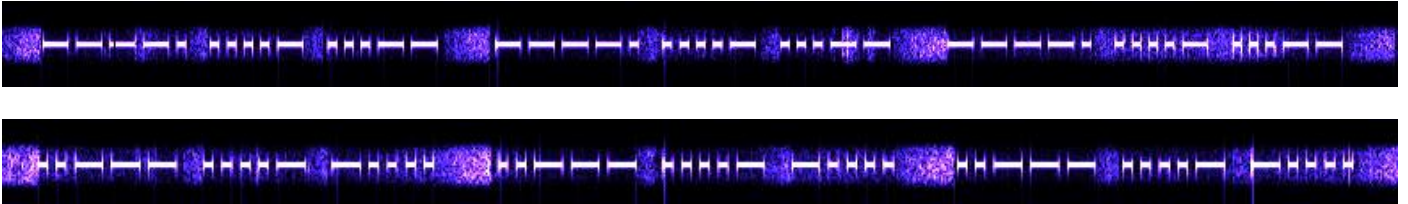
=990603??0???? =990604??0???? =990605??0???? =990606??0????

=991946??8???? =991947??8???? =991948??8???? =991949??8????



M23

The station reappeared on June 15, using two simultaneous frequencies, 8030 and 5182 kHz, id 943. The transmission times were from 1630 to 1830 UTC, and each transmission started at full hour or half hour. On June 18, the schedule was replaced with a new one between 1430 and 1630 UTC, also using two simultaneous frequencies, 6806 and 5345 kHz, id 246. This schedule ended on June 24. No messages were sent, just the id.



The transmissions sent on the same day are probably prerecorded, as you can hear the same mistakes in all transmissions.

During this period bearings were taken from various parts in Europe and like a couple of years ago the triangulation results show the possible transmitter site as the DGSE Feucherolles site, near Paris. So, still at the same location.



Coordinates: 48°53'11.96"N 1°58'41.41"E Picture © Google Earth.
Check Google Street View for some nice pictures of the antenna's.



M41
Russian Air Defence Forces
Во́йска ПВО Во́йска ПВО

5799//7944 kHz, 08-06, 1718 UTC

PWZW

5271 8353 754763 5912844 =

005271 8353745 12054 =

5271 83 0573345 =

438 5271 0741 47 =

0741 8315736 51 00047 =

0741 8315749 49 =

438 0741 5272 50 =

PWZW =

5272 8315752 9128551 =

5272 831575653 =

5272 8318726 55 =

5272 831822609057

6319//6803 kHz, 16-06, 0548 UTC

N9UV comms checks

VVVVVVV N9UV QLW QSA ? QXS EEEEEEE

009602 868 23 85 09 00 517

9602 7160511 600 00

9602 868 23 85 09 00 517

9602 71 60 5111 600 00

9603 861 08 92 09 00 517

9603 71 70 511 600 ...

5937 kHz, 16-06, 0650 UTC

96237401511850

9601868533440

9604868518640517

96047275511800

9608868081840 517

96237101511850 517

96087220511250

960986807474051

7604 kHz, 20-06, 1425 UTC

5382 83284419107325 =

5382 832843828 =

5382 83254579107830 =

5382 8325 4589107431 =

PWZW =

5382 83652629033 =

7604 kHz, 10-06, 0824 UTC

PWZW =

5337 8361691 8100125 =

2348 313072 25 =

5337 8361691 8108227 =

5234 8313079 4100627 =

5337 0361 692 8108129 =

5234 8313 2799 030 =

83616928108031 =

005234 03130684100131=

005235 8313068411131

5918 kHz, 16-06, 0635 UTC

9062861531834

965868692232

9606861589134

9601 864216536 336

960686158940936

9609868085336

9608868012436

5346.5 kHz, 16-06, 0701 UTC

99097250 511900

9908998371300

9909998377900

9902997311200

9901995581200

9905998378500

9910998328300

9908990577302

9909998378602

9902997312102 517

99087220511850

9905998328402

9910998328302 192

99081003

9909998378304

99059988329104

9910998329804

9244 kHz, 17-06, 0600 UTC

PWZ8 PWZ8 PWZ8 AR

8017 kHz, 18-06, 1701 UTC

SUEO SUEO SUEO AR



M76

3294 kHz, 06-06, 0400 UTC

YPRR DE V83S QTC 511 42 =
26310 15044 93080 41540 86411 83332 21372 21556 98183 18859
90113 22601 01130 92583 19135 29515 23856 49158 04564 01583
622171 65382 13810 89363 62608 9XXXX RRRRRR 207XX WWWWW 73952
27405 15741 526XX DDDDD 07635 8XXXX 77050 75099 1425 1601
5XXXX NNNNN =
509 42 = 40545 79499 38504 ... 8XXXX =
506 43 = 40545 ... AR

3294 kHz, 10-06, 0400 UTC

T9EÛ DE 67KB QTC 527 33 =
26310 15084 93080 41540 96401 65319 65118 51783 19911 20919
93865 43160 68217 16520 89172 64908 93636 26089 RRRRR 202XX
WWWWW 71751 97515 04746 526XX DDDDD 075XX 77050 75119 15503
91601 5XXXX NNNNN =
506 45 =
40545 386.. 92658 68485 57919 00955 19987 03551 53969 19993
79303 55218 64493 42511 87505 94096 00633 69938 92094 60921
39930 93296 00643 69939 92094 62185 05943 96006 33699 39920
13993 09245 94609 16106 41851 99205 21854 56314 7XXXXX =
504 59 =
40545 79499 35505 93492 09460 92661 92097 11999 80355 15398
01999 40355 90067 11999 90... 01999 38940 35525 99938
93135 51539 80199 94035 51875 15943 29996 08650 63369 93892
01399 35199 96386 5738. 42199 93086 59399 20139 93619 99608
65063 36994 09209 46092 16168 =
503 ... = 40545 ... 86506 33699 38920 21850 59371 99930 92958 ...
502 57 =
40545 69499 33505 93492 09460 92661 90095 51999 80355 15397
41999 80355 90095 51999 83355 15396 71999 30355 90094 71999
50355 15493 51494 90355 90094 01989 ... 39199 93013 99441
99970 86506 33699 39920 21040
= 000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93619 99351 99959 19996 01999 66199 97719 99811
99942 93419 99419 36XXX AR

3294 kHz, 12-06, 0405 UTC

ORJK de CA83 QTC 535 33 =
26310 05104 93080 40964 1193 98399 07660 10112 09360 38565
01599 62171 65317 25110 98512 36363 1089X RRRRR 202XX WWWWW
74452 31587 42533 74254 41587 70507 50891 55021 58914 DDDDD
13115 2XXXX NNNNNN =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93619 99351 99959 19996 01999 66199 97719 99811
99942 93419 99419 36XXX AR

3294 kHz, 16-06, 0400 UTC

DW24 DE MGLA QTC 543 33 =
26310 15144 93080 11864 13194 15408 64118 31785 99011 20919
93856 50158 36217 16540 89172 65008 93636 26089 RRRRR 202XX
WWWWW 74452 96445 33744 591XX DDDDD 075XX 77050 74949
15503 91691 3XXXXX NNNNNN =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93619 99351 99959 19996 01999 66199 97719 99811
99942 93419 99419 36XXX AR

3294 kHz, 18-06, 0400 UTC

4TON DE 3V97 QTC 551 38 =
26310 05164 93080 40064 12166 44183 17859 92166 44601 01120
93252 18516 49318 81385 65015 83413 62171 65617 26513 63628
089XX RRRRR 202XX WWWWW 74353 31587 39533 74053 51587 70507
51291 55029 16015 DDDDD 08034 83012 25386 NNNNN =
549 26 =
40545 79519 36505 94792 09460 92661 90194 11999 50355 15493
41999 40355 21864 49352 51187 50593 51999 60139 94146 50633
69950 92094 60920 64185 50633 69950 92094 60920 64185 20543
7XXXX =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
38865 06336 99549 20946 09206 41852 05437 =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93519 99351 99959 19996 01999 66199 97719 99811
99942 93419 99419 36XXX AR

3294 kHz, 18-06, 1650 UTC

YCB5 de HFUJ QTC 555 26 =
26310 15164 93080 14249 96411 7801 206 41725 14519 36362
8XXX RRRRR 202XX WWWWW 73650 17375 35741 571XX 77050 75129
15499 914XX NNNNN =
554 57 =
40545 79519 39504 94892 09460 92661 90095 51999 35355
15397 41999 34355 90095 51999 35355 25497 61999 39355
90094 71999 30355 15493 09361 99930 35590 09401 99930
35525 49431 99932 35590 09401 99930 35515 39870 99936
35518 75059 37199 94013 99421 99960 86506 33699 52920
21850 59351 99960 13993 91999 65865 09336 99539 20946
09216 10641 85437 =
553 63 =
40545 79519 38505 94892 09460 92661 90093 09391 99971
71015 39813 55199 98571 09009 30939 35519 99717 10153
98435 51999 55710 90093 09373 55109 95971 01539 86355
19997 37209 00930 93735 52999 59710 15398 43551 99973
71018 75059 36199 93013 99421 99960 86506 33699 51199
95221 89539 22946 09221 85059 35199 95013 99381 99960
86506 33699 54920 94609 21670 84185 20521 85456 31437 =
549 36 =
40545 79519 36505 94792 09460 93661 90194 11999 50355
15493 41999 40355 21864 49352 51187 50593 51999 60139
94146 50633 69950 92095 60929 64186 50633 69950 92094
60920 64185 31543 7XXXX =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355

15497 59999 36355 21864 49352 51187 50594 08650 63369
95092 01399 38865 06436 99549 20946 09206 42852 25437 =
000 27 =
13094 12999 46934 19996 89302 99968 93619 99351 99960
19996 61999 77199 98219 99419 36199 94293 4XXXX AR

3294 kHz, 18-06, 0400 UTC

4TON DE 3V97 QTC 551 38 =
26310 05164 93080 40064 12166 44183 17859 92166 44601 01120
93252 18516 49318 81385 65015 83413 62171 65617 26513 63628
089XX RRRRR 202XX WWWWW 74353 31587 39533 74053 51587 70507
51291 55029 16015 DDDDD 08034 83012 25386 NNNNN =
549 26 =
40545 79519 36505 94792 09460 92661 90194 11999 50355 15493
41999 40355 21864 49352 51187 50593 51999 60139 94146 50633
69950 92094 60920 64185 50633 69950 92094 60920 64185 20543
7XXXX =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
38865 06336 99549 20946 09206 41852 05437 =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93519 99351 99959 19996 01999 66199 97719 99811
99942 93419 99419 36XXX AR

3294 kHz, 18-06, 1650 UTC

YCB5 de HFUJ QTC 555 26 =
26310 15164 93080 14249 96411 7801 206 41725 14519 36362
8XXX RRRRR 202XX WWWWW 73650 17375 35741 571XX 77050 75129
15499 914XX NNNNN =
554 57 =
40545 79519 39504 94892 09460 92661 90095 51999 35355 15397
41999 34355 90095 51999 35355 25497 61999 39355 90094 71999
30355 15493 09361 99930 35590 09401 99930 35525 49431 99932
35590 09401 99930 35515 39870 99936 35518 75059 37199 94013
99421 99960 86506 33699 52920 21850 59351 99960 13993 91999
65865 09336 99539 20946 09216 10641 85437 =
553 63 =
40545 79519 38505 94892 09460 92661 90093 09391 99971 71015
39813 55199 98571 09009 30939 35519 99717 10153 98435 51999
55710 90093 09373 55109 95971 01539 86355 19997 37209 00930
93735 52999 59710 15398 43551 99973 71018 75059 36199 93013
99421 99960 86506 33699 51199 95221 89539 22946 09221 85059
35199 95013 99381 99960 86506 33699 54920 94609 21670 84185
20521 85456 31437 =
549 36 =
40545 79519 36505 94792 09460 93661 90194 11999 50355 15493
41999 40355 21864 49352 51187 50593 51999 60139 94146 50633
69950 92095 60929 64186 50633 69950 92094 60920 64185 31543
7XXXX =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
38865 06336 99549 20946 09206 42852 25437 =
000 27 =
13094 12999 46934 19996 89302 99968 93619 99351 99960 19996
61999 77199 98219 99419 36199 94293 4XXXX AR

3294 kHz, 19-06, 0400 UTC

IAQ8 DE FDBN QTC 556 29 =

26310 05174 93080 14230 16441 78601 20932 54223 85650 36217
16541 72515 52036 3628X RRRR 202XX WWWWW 72452 27395 42739
569XX 77050 75129 15499 91601 5XXXX DDDDD 075XX NNNNN =
554 57 =
40545 79519 39504 94892 09460 92661 90095 51999 35355 15397
41999 34355 90095 51999 35355 25497 61999 39355 90094 71999
30355 15493 09361 99930 35590 09401 99930 35525 49431 99932
35590 09401 99930 35515 39870 99936 35518 75059 37199 94013
99421 99960 86506 33699 52920 21850 59351 99960 13993 91999
65865 09336 99539 20946 09216 10641 85437 =
553 63 =
40545 79519 38505 94892 09460 92661 90093 09391 99971 71015
39813 55199 98571 09009 30939 35519 99717 10153 98435 51999
55710 90093 09373 55109 95971 01539 86355 19997 37209 00930
93735 52999 59710 15398 43551 99973 71018 75059 36199 93013
99421 99960 86506 33699 51199 95221 89539 22946 09221 85059
35199 95013 99381 99960 86506 33699 54920 94609 21670 84185
20521 85456 31437 = 549 26 = 40545 79519 36505 94792 09460
93661 90194 11999 50355 15493 41999 40355 21864 49352 51187
50593 51999 60139 94146 50633 69950 92095 60929 64186 50633
69950 92094 60920 64185 31543 7XXXX =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
38865 06336 99549 20946 09206 42852 25437 =
000 27 =
13094 12999 46934 19996 89302 99968 93619 99351 99960 19996
61999 77199 98219 99419 36199 94293 4XXXX AR

3294 kHz, 19-06, 1653 UTC

S87K DE QWUL QTC 558 26 =

26310 01131 93043 85649 36218 25511 71653 36363 85649 36215
35511 71653 36303 ..80X RRRRR 092XX WWWWW 73253 77375 33639
55377 05935 93915 50591 6813X NNNNN =
557 30 =
40545 932639 30505 94992 99460 96996 39355 10494 09362 99936
39709 09402 99930 35535 35251 19760 56461 99950 86597 33699
52940 13993 58650 63369 95692 01620 64185 20511 96456 31437 =
554 57 =
40545 79519 39504 94892 09460 92661 90095 51999 35355 15397
41999 34355 90095 51999 35355 25497 61999 39355 90094 71999
30355 15493 09361 99930 35590 09401 99930 35525 49431 99932
35590 09401 99930 35515 39870 99936 35518 75059 37199 94013
99421 99960 86506 33699 52920 21850 59351 99960 13993 91999
65865 09336 99539 20946 99216 10641 85437 =
553 63 =
40545 79519 38505 94892 09460 92661 90093 09391 99971 71015
39813 55199 98571 09009 30939 35519 99717 10153 98435 51999
55710 90093 09373 55109 95971 01539 86355 19997 37209 00930
93735 52999 59710 15398 43551 99973 71018 75059 36199 93013
99421 99960 86506 33699 51199 95221 89539 22946 09221 85059
35199 95013 99381 99960 86506 33699 54920 94609 21670 84185
20521 85456 31437 =
549 26 =
40545 79519 36505 94792 09460 93661 90194 11999 50355 15493
41999 40355 21864 49352 51187 50593 51999 60139 94146 50633
69950 92095 60929 64186 50633 69950 92094 60920 64185 31543

7XXXX =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
38865 06336 99549 20946 09206 42852 25437 =
000 17 =
13094 12999 46934 19996 89302 99968 93619 99351 99960 19996
61999 77199 98219 99419 36199 94293 4XXXX AR

3294 kHz, 20-06, 0400 UTC

NO4V DE 5SP8 QTC 559 31 =
26310 05184 93080 30164 10616 46183 17860 10112 09199 25642
23865 50362 17165 31726 53363 62708 9XXXX RRRRR 202XX WWWWW
72852 17365 44738 57392 05075 13915 50291 69153 DDDDD 975XX
NNNNN =
557 30 =
40545 93239 30505 94992 99460 96996 39355 10494 09362 99936
39709 09402 99930 35535 35251 19760 56461 99950 86597 33699
52940 13993 58650 63369 95692 01620 64185 20511 96456 31437 =
554 57 =
40545 79519 39504 94892 09460 92661 90095 51999 35355 15397
41999 34355 90095 51999 35355 25497 61999 39355 90094 71999
30355 15493 09361 99930 35590 09401 99930 35525 49431 99932
35590 09401 99930 35515 39871 99936 35518 75059 37199 94013
99421 99960 86506 33699 52920 21850 59351 99960 13993 91999
65865 06336 99539 20946 99216 10641 85437 =
553 63 =
40545 79519 38505 94892 09460 92661 90093 09391 99971 71015
39813 55199 98571 09009 30939 35519 99717 10153 98435 51999
55710 90093 09373 55199 95971 01539 86355 19997 37109 00930
93736 52999 59710 15398 43551 99973 71018 75059 36199 93013
99421 99960 86506 33699 51199 95221 89539 22946 09221 85059
35199 95013 99381 99960 86506 33699 54920 94609 21670 84185
20521 85456 31437 =
549 26 =
40545 79519 36505 94792 09460 93661 90194 11999 50355 15493
41999 40355 21864 49352 51187 50593 51999 60139 94146 50633
69950 92094 60929 64185 50633 69950 92094 60920 64185 31543
7XXXX =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
38865 06336 99549 20946 09206 42852 25437 =
000 17 =
13094 12999 46934 19996 89302 99968 93619 99351 99960 19996
61999 77199 98219 99419 36199 94293 4XXXX AR

3294 kHz, 20-06, 1650 UTC

R2EU DE K54E QTC 561 30 =
26310 95184 93089 31195 66502 55744 18317 86030 11209 25838
56591 68341 36217 26521 71654 08936 36290 89XXX RRRRR 202XX
WWWWW 83053 31588 34544 73754 01586 60507 51691 8015X NNNNN =
557 30 =
40545 93239 30505 94992 99460 96996 39355 10494 09362 99936
39709 09402 99930 35535 35251 19760 56461 99950 86597 33699
52940 13993 58650 63369 95692 01620 64185 20511 96456 31437 =
554 57 =
40545 79519 39504 94892 09460 92661 90095 51999 35355 15397
41999 34355 90095 51999 35355 25497 61999 39355 90094 71999
30355 15493 09361 99930 35590 09401 99930 35525 49431 99932

35590 09401 99930 35515 39871 99936 35518 75059 37199 94013
99421 99960 86506 33699 52920 21850 59351 99960 13993 91999
65865 06336 99539 20946 99216 10641 85437 =
553 63 =
40545 79519 38505 94892 09460 92661 90093 09391 99971 71015
39813 55199 98571 09009 30939 35519 99717 10153 98435 51999
55710 90093 09373 55199 95971 01539 86355 19997 37109 00930
93736 52999 59710 15398 43551 99973 71018 75059 36199 93013
99421 99960 86506 33699 51199 95221 89539 22946 09221 85059
35199 96013 99381 99960 86506 33699 54920 94609 21670 84185
20521 85456 31437 =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
38865 06336 99549 20946 09206 42852 05437 =
000 17 =
13094 12999 46934 19996 89302 99968 93619 99351 99960 19996
61999 77199 98219 99419 36199 94293 4XXXX AR

3294 kHz, 21-06, 0400 UTC

H3TM DE AHAV QTC 562 34 =
26310 05184 93080 30164 40616 46183 17960 10616 03011 20925
53252 56422 38565 01583 61271 65417 26513 63629 089XX RRRRR
202XX WWWWW 73053 31587 31515 73453 11587 70507 51791 55039
16015 DDDDD 075XX NNNNN =
557 30 =
40545 79519 30505 94992 09460 92661 90095 51999 36932 35515
39701 99971 86449 35251 35251 18750 56461 99950 86506 33699
52920 13993606650 63369 95392 01619 62285 20521 85456 31337 =
554 57 =
40545 34355 90095 51999 35355 15399 61999 39355 90994 71929
30355 15493 09361 99930 35590 09401 99930 35515 49431 99932
35590 09501 99960 45515 39871 99936 35518 75059 37199 94991
99421 99960 86506 96699 53991 23859 59351 99960 13993 91999
65865 06336 99539 20946 99216 10641 85437 =
553 63 =
40545 79519 38505 94892 09460 92661 90093 09391 99971 71015
39813 55199 98571 09009 30939 35519 99717 10153 98435 51999
55710 90093 09373 55199 95971 01539 86355 19997 37109 00930
93736 52999 59710 15398 43551 99973 71018 75059 36199 93013
99421 99960 86506 33699 51199 95221 89539 22946 09221 85059
35199 96013 99381 99960 86506 33699 54920 94609 21670 84185
20521 85456 31437 =
548 27 =
40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
38865 06336 99549 20946 09206 42852 05437 =
000 17 =
13094 12999 46934 19996 89302 99968 93619 99351 99960 19996
61999 77199 98219 99419 36199 94293 4XXXX AR

3294 kHz, 22-06, 1650 UTC

T4VH DE VAF1 QTC 567 32 =
26310 15204 93080 30125 66411 82217 64618 31786 01011 12560
32092 58305 65015 83621 72627 08917 16350 89363 62908 9XXXX
RRRRR 202XX WWWWW 72052 27245 44725 1977 05075 15915 49991
6015X NNNNN =
564 36 =
40545 79529 33506 94609 29209 51661 90196 21999 36936 35515
49661 99965 35590 19621 99936 93635 51549 66199 93993 93559

01962 19994 13551 54966 19993 99393 55901 90239 99413 65154
 96619 99533 55218 02518 52054 37XXX =
 563 41 =
 40545 79529 32505 94609 29264 57042 36893 79309 37937 81060
 94331 29042 66190 19414 99939 93435 51539 85199 93993 23559
 01941 19993 13551 53985 19993 69383 55902 65319 99379 34355
 15398 51999 39932 35518 75059 54920 13993 19199 46092 73665
 7437X =
 557 30 =
 40545 79529 30505 94992 09460 92661 90095 51999 36932 35515
 39701 99971 86449 35251 35251 18750 56461 99950 86506 33699
 52920 13993 58650 63369 95392 01610 64185 20521 85456 31437 =
 554 57 =
 40545 79519 39505 94892 09460 92661 90095 51999 35355 15397
 41999 34355 90095 51999 35355 15397 61999 39355 90094 71999
 37035 15493 09361 99930 35590 09401 99930 35515 49431 99932
 35502 99401 99930 35515 39871 99936 35518 75059 37199 94013
 99421 99960 86506 33699 52920 21850 59351 99960 13993 91999
 65865 06336 99539 20946 09216 10641 85437 =
 553 63 =
 40545 79519 38505 94892 09460 92661 90093 09391 99971 71015
 39813 55199 98571 09009 30939 35519 99717 10153 98435 51999
 55710 90093 09373 55199 95971 01539 86355 19997 37109 00930
 93735 51999 59710 15398 43551 99973 71018 75059 36199 93013
 9952 99960 86506 33699 51199 95221 89539 20946 09221 85059
 35199 96013 99381 99960 86506 33699 54920 94609 21670 64185
 20521 85456 31437 =
 548 27 =
 40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
 51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
 38865 06336 99549 20946 09206 41852 05437 =
 000 17 =
 13094 11999 46934 19996 89301 99968 93619 99351 99960 19996
 61999 77199 98129 99419 36199 94293 4XXXX AR

3294 kHz, 23-06, 0400 UTC

K8IP DE SJVG QTC 569 30 =
 26310 05214 93080 30164 42176 46183 17860 10112 09109 38565
 01583 62171 63617 26393 63629 089XX RRRRR 202XX WWWWW 71853
 77205 58738 508XX DDDDD 07577 05075 14915 50191 6015X NNNNN =
 568 35 =
 40545 79529 34505 94609 24332 82631 04266 19019 74199 93235
 51549 64199 93735 59019 74199 93235 51549 84355 89998 93551
 54948 35589 99893 55154 93219 99313 55521 80251 87505 95692
 01399 34919 94609 27366 40437 =
 564 36 =
 40545 79529 33506 94609 29209 51661 90196 21999 36936 35515
 49661 99965 35590 19621 99936 93635 51549 66199 93993 93559
 01962 19994 13551 54966 19993 99393 55901 90239 99413 65154
 96619 99533 55218 02518 52054 37XXX =
 563 41 =
 40545 79529 32505 94609 29264 57042 36893 79309 37937 81060
 94331 29042 66190 19414 99939 93435 51539 85199 93993 23559
 01941 19993 13551 53985 19993 69383 55902 65319 99379 34355
 15398 51999 39932 35518 75059 54920 13993 19199 46092 73665
 7437X =
 557 30 =
 40545 79529 30505 94992 09460 92661 90095 51999 36932 35515
 39701 99971 86449 35251 35251 18750 56461 99950 86506 33699
 52920 13993 58650 63369 95392 01610 64185 20521 85456 31437 =

554 57 =
 40545 79519 39505 94892 09460 92661 90095 51999 35355 15397
 41999 34355 90095 51999 35355 15397 61999 39355 90094 71999
 37035 15493 09361 99930 35590 09401 99930 35515 49431 99932
 35502 99401 99930 35515 39871 99936 35518 75059 37199 94013
 99421 99960 86506 33699 52920 21850 59351 99960 13993 91999
 65865 06336 99539 20946 09216 10641 85437 =
 553 63 =
 40545 79519 38505 94892 09460 92661 90093 09391 99971 71015
 39813 55199 98571 09009 30939 35519 99717 10153 98435 51999
 55710 90093 09373 55199 95971 01539 86355 19997 37109 00930
 93735 51999 59710 15398 43551 99973 71018 75059 36199 93013
 9952 99960 86506 33699 51199 95221 89539 20946 09221 85059
 35199 96013 99381 99960 86506 33699 54920 94609 21670 64185
 20521 85456 31437 =
 548 27 =
 40545 79519 35505 94792 09460 92661 90197 31999 35355 15497
 51999 36355 21864 49352 51187 50594 08650 63369 95092 01399
 38865 06336 99549 20946 09206 41852 05437 =
 000 17 =
 13094 11999 46934 19996 89301 99968 93619 99351 99960 19996
 61999 77199 98129 99419 36199 94293 4XXXX AR



M89 - Chinese military

4720 kHz, 02-06, 2125 UTC, i.p.

T64U 3N5T 754A N5U3 4A6U K
 R R U GA K EEE UGA K
 R GA RR GA K
 R R R RPT 36W K
 R R QSL 0530 0530 K
 HR HR 7G GA
 HR HR 7G
 NR 1249 CK 65 37 0603 0531 RMKS BT 1675565 TO 7.75568 AR K
 R R =
 A3U4 5T67 67AD N4D3 543A D43T 4NDT D647 6A73 34UA 47T3 (Cont'd) AR K
 K HR RPT 62W BT 0436 0436 AR K (2138z)
 R R U GA K
 R GA K
 R R AFTER TIME
 R R GA K
 HR RPT 16W
 RR R RPT 17W K
 RR RPT 20W K
 R R QSL 0545 QSL 0545
 R AS AS GB GB

8888 kHz, 02-06, 1125 UTC, i.p.

FFF NR 1185/EX . 0
 R NR 11.5/EX
 NR 1185/EX.0 16.. =
 A3BB/C5. AR K
 NR 1185/EX..16.9 =
 ..2/ AR 7 EEEEE
 A NR 11../

NR 1184/EX ...1.30 =
55T/... S57/.3. AR
NR 1184/EX...630 =
S5../SC AR
NR 1184/EX .G1630 = AR
NR NR NR NR NR .184/EX .. 84/ =

6876 kHz, 06-06, 1709 UTC, i.p.

1359 R K
OK PSE .. K (Other station also on this frequency)
R R TBT A5D4 AUN7 D53N TAU5 TAD3 3T5D (Cont'd)
R R MSG GA
R MSG
NR .037... CK .13. 06011. RMKS 4..55..59 TO 45.7.5.54 =
R R GA
R QSL 0118 R K
R GA
NR 1098CK 62 78 0607 0200 RMKS 4537451353.. 53..452359 R K
R GA K
R BT .4N3 7DNT A47. A... (Cont'd)



M95

4243//9054 kHz, 01-06, 1147 UTC

VVV HR MSG TOYR PSE CY (1147z)
NR 099 CK 19 35 0601 1511 =
5TD UTT TTA ..6 3A 356 4TA N3D (Cont'd) AR
A HR MSG GA
NR 02 CK 139 35 0601 1617 =
U.. TTA 3U. (Cont'd) AR
A HR MSG GA
NR 009 CK 15 35 0601 1659 =
UT5 TTA 3U6 (Cont'd) AR AR AR AR AR

8073 kHz, 01-06, 1137 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NMSG NR 0428 CK 175 35 0601 1630 =
3U6 3AN 3U7 TAU 773 TA7 773 35U 4AA NN3 (Cont'd)

4243//9054 kHz, 02-06, 1145 UTC

VVV = ... PSE CY
NR 001 .. 35 0602 15.9 =
5TD UT. TTU 3UD (Cont'd) AR
A HR MSG GA
NR 12 15 35 0602 1.47 =
UT5 TTU 3.6 3A4 TTT TTU TT3 (Cont'd) AR
A HR MSG GA
NR 04 110 35 0602 1644 =
UTU TTU 3U. 3A4 TTU N44 TT3 (Cont'd) AR
... PSE JGM AR

8073 kHz, 02-06, 1136 kHz

V BNGC (x3) DE XSV85 (x2)
A HR MSG GA
NR 0430 CK 163 35 0602 16.. =
TTU 3U6 3AN (Cont'd)

4243//9054 kHz, 03-06, 1145 UTC

VVV HR MSG TOYR Q. ..
NR 003 2. 35 0603 051. =
5.. TT3 3UD 3A4 (Cont'd) AR (Horrible CW operator - sending very slow and running groups together)
NR 06. 27 35 0603 1657 =
UT4 T.3 3U6 3A4 TTU N44 TT. TTT (Cont'd) AR

8073 kHz, 03-06, 1135 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSG PSE CY
NR 0432 CK 94 35 0604 0.35
3AN 3A7 TAU 773 TA7 773 (Cont'd)

4243 kHz, 07-06, 1144 UTC, i.p.

NR 011 CK 22 35 0607 1525 =

5555 kHz, 07-06, 1114 UTC, i.p.

05 05 05 05 05 05 05 (Cont'd)
???? 05 05 05
TTKK ... (Second stations now on freq - unable to copy either station)
37AD A44N TT6D A44 U5A.. 763N5 557A 3D7U 66.. (Cont'd)

8073 kHz, 07-06, 1134 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSG GA
NR 0440 CK 137 35 0607 1546 =
TT7 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 TAN 773 353 (Cont'd)
AGN
NR 0440 CK 137 35 0607 1546 =
TT7 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 TAN 773 353 (Cont'd)

5500 kHz, 09-06, 0850 UTC, i.p.

N QSL ? K
R DP
VV PJL4 K
R D DP
VV TN8 K
DP DP VV
AR . . K
HR 7G GA
NR 1491 CK 67 24 0609 1630 RMKS CQ =
3U6A 5NAU (Cont'd)
AR
VVV R7V. K
DP
VVV PJ.. K

5500 kHz, 09-06, 1927 UTC, i.p.

T63D 453A 74DA 57AN A56U
III 5 5 5 05 55 05 505 05 5505 505 505 05 505 05 (Cont'd) = =
4AN3 7NT7 D6UA A4.. (Cont'd)
4444444444444444 4444 44444444
55 = =

4AN3 7NT7 D6UA A4A436N 7D 6DAU4
05 5 5 5 05 05 5 05 05 5 5 05 = =
4AN3 7NT7 D6UA A43N U74
405 4475 4444 4477NT7D6UAA4 3NU7 4T6D AUD7 UA74 (Cont'd) = = =
7A65 AA44 44454444AN6D7UA3NNA3A4674756TD45473A ? U564 644 (Cont'd) =
7A65 AA44 4AN5 D7UA 3NNA 3A467 4756 TD45 (Cont'd) K

5500 kHz, 09-06, 2125 UTC, i.p.

NR 165. CK 66 24 0610 0600 RMKS 2209 TO 2225 K
R R TIME 0600 K EEEE K =
667A 5N7U 73DA 767T (Cont'd)
AR K
R GA K
R QSL 0536 K
R .DLW SB K

8073 kHz, 09-06, 1136 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0444 CK 289 35 0609 1559 =
TTN 3U6 3AN 3U7 TAU 773 (Cont'd)

4243//9054 kHz, 14-06, 1151 UTC

VVV HR 7G TOYR PSE CY
NR 025 CK 23 35 0614 1525 =
.TD UTT (Cont'd) AR
7G AGN
NR 025 CK 23 35 0614 1525 =
5TD UTT TA4 3UD (Cont'd) AR
A HR 7G GA
NR 28 CK 153 35 0614 1548 =
UTU TA4 3U6 3A4 TTU 773 354 373 N3D 353 (Cont'd) AR AR
7G AGN
NR 28 CK 153 35 0614 1548 =
UTU TA4 3U6 3A4 TTU 773 (Cont'd) AR
A HR 7G GA
NR 048 CK 42 35 0614 1612 =
UT5 TA4 3U6 3A4 TTA (Cont'd) AR
7G AGN
NR 048 CK 42 35 0614 1612
UT5 TA4 3U6 3A4 TTA TTU 773 354 (Cont'd) AR
A HR U WSB W K

8073 kHz, 14-06, 1136 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSGS GA PSE CY
NR 0463 CK 534 // 0463 CK 53 35 0614 1530 = =
TT6 N5U (Cont'd)
A HR MSG GA
NR 0464 CK 154 35 0614 1558 = =
TA4 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 (Cont'd)



M90

3322 kHz, 14-06, 0535 UTC V7Z6 clg CQXJ, XVSQ, DNSF, K6ZJ, ICFV, PJP6, E5BJ
 4852 kHz, 14-06, 0611 UTC V7Z6 wkg CQXJ, XVSQ, DNSF, K6ZJ, ICFV, PJP6, E5BJ. Comms checks
 3390 kHz, 14-06, 0652 UTC VF7Z wkg H7Z2, T2M8. Comms checks
 3390 kHz, 14-06, 0700 UTC T2M8 de VF7Z QTR 0900 K



UM02 – YRM net

10470 kHz, 02-06, 0130 UTC
 VVV CQ (x3) DE YRM (x3)
 QSV K
 KFL
 KLF ZNN
 VA I
 VVV CQ (x3) DE YRM (X3) QSV K
 VVV CQ (x3) DE YRM (x3) QSV K
 VVV CQ (x3) DE YRM (x3) QSV K
 VVV ..I
 DE
 VVV CQ (x3) DE YRM (x3) QSV K
 ..I
 DE
 JCZ JCZ
 ZNN
 VA I
 VVV CQ (x3) DE YRM (x3) QSV K
 VVV CQ (x3) DE YRM (x3) QSV K
 VVV ROZ ROZ ROZ

DIGITAL MODES



HM01

Dirección General de Inteligencia

HM01 was in vacation mode and sent between 01-06 and 10-06 the same groups and messages over and over:
 45617 41612 07811 80521 24407 74051
 On 10-06 the first new message was sent: 93780 58521 43431 16311 57578 40771



HM02

Modes:
FSK-19.8Bd/129Hz and FSK-CW

Note: each transmission starts with an undecodable FSK sequence, followed by a message in Morse .

7351 kHz, 01-06, 0447 UTC

968 74 =

93120 16752 65496 94432 96812 39834 00632 17021 22591 41796
26801 54212 51779 45602 72464 42567 57116 78008 32670 18330
95386 25272 44458 73872 56674 14488 01579 18083 04654 90587
69132 54309 21101 67623 67122 37427 53653 15212 91471 66017
86738 82779 66410 32790 31770 14557 95631 31250 36831 88068
87754 48562 72867 99699 23515 21769 31132 63394 49143 53465
20005 89562 75313 74958 24067 32706 68401 12147 57550 41120
45432 72889 29630 79291

= 968 74 968 74 = repeats message = 968 74 000

7351 kHz, 02-06, 0439 UTC

824 65 =

12768 43900 11401 34711 09667 15270 40936 90996 81866 38870
31723 24195 20944 33419 06376 43277 74417 19455 96249 75244
41722 18397 57774 25531 44612 67627 19605 79261 00975 32089
69282 82478 75271 28461 36883 05564 04064 78660 39297 68250
04672 23353 11446 27502 17609 10436 40143 76427 27964 78674
92164 21817 63872 79155 80988 18195 29561 15405 37774 44086
23928 42968 38870 56501 11220

= 824 65 824 65 = repeats message = 824 65 000

7351 kHz, 03-06, 0446 UTC

629 64 =

20967 69262 04116 82695 92459 45831 97302 01896 94879 89159
96384 89829 74792 83523 62986 15194 79189 31408 82911 04615
62596 68187 79099 41340 17019 51014 54938 59547 10901 15518
32856 62368 35512 29930 55923 97825 33842 04618 38079 22236
16319 09359 24186 52050 73132 37093 64555 98531 25380 17927
54765 78295 23173 44599 53176 38643 50510 27569 31385 81489
58513 32996 26521 07140

= 629 64 629 64 = repeats message = 629 64 000

7351 kHz, 04-06, 0443 UTC

999 264 67 =

18856 06363 10585 19511 56797 92057 40906 18241 60260 86981
80287 79061 41276 21153 3

<Long Pause> 381 62 =

18909 19517 47045 74077 16238 32866 70919 13526 73085 77666
22465 71292 71661 50123 62064 39514 46536 77487 38110 97825
88867 29177 69258 39763 01183 87382 68793 63412 24678 19441
09059 65691 24594 30436 96584 75480 38903 69206 60467 97383
40433 21435 45940 69230 77564 45367 62257 90257 39906 71727
98388 20044 99589 59124 54483 21786 26769 00429 83368 28323
13998 13872 =

381 62 381 62 = repeats message = 381 62 000

7351 kHz, 05-06, 0441 UTC

529 61 =

30381 03454 78668 99857 14420 34853 15674 42766 48324 71845
26242 11835 92669 70299 62094 50101 25533 90298 03871 45943
60748 33284 57190 16223 79731 72683 01030 44509 47779 19556
56258 79394 81840 28983 09539 35685 67015 67431 92129 04968
37799 53627 77572 53205 52939 63327 05770 10854 45759 56630
24954 72092 60254 96576 64422 62559 26173 12146 58753 60089
33456 =

529 61 529 61 = repeats message = 529 61 000

7351 kHz, 06-06, 0440 UTC

587 65 =

91160 31598 07350 04445 61350 06571 99778 51040 05528 28929
65027 66401 97780 28042 87961 63434 50913 21095 83244 83066
40201 36193 01341 11247 49409 47504 01170 78763 57723 78772
40370 23821 01228 11946 70428 99012 58763 35662 73267 46934
13499 48421 38390 33577 88034 59238 63728 00743 30503 59321
18929 28008 81721 72259 42384 02359 29355 49309 14684 02826
29948 78318 88424 52583 11325 =

587 65 587 65 = repeats message = 587 65 000

7351 kHz, 07-06, 0449 UTC

259 63 =

13956 01350 62233 69549 47487 51092 30005 41344 51121 08449
36363 48561 72160 44494 94152 24632 32141 46586 86319 41864
29280 64154 83340 34573 75375 87672 89536 39229 55205 42536
19234 88569 25986 90716 48379 48201 79838 70551 73818 57680
14788 62309 55784 81742 67667 03175 35035 28799 21509 20774
07552 89260 79131 04965 80868 75395 23340 64994 11291 33713
22892 73614 06321 =

259 63 259 63 = repeats message = 259 63 000

7351 kHz, 08-06, 0450 UTC

230 65 =

17503 06857 78774 19445 75636 30181 35549 12260 41571 22674
61138 17685 05924 14289 66815 01621 06617 87303 76495 81914
64264 27048 80356 10730 18734 72473 98143 74542 95583 76535
09780 54443 24020 51577 56126 62092 80980 71389 88730 61229
29496 37811 52229 30646 31699 23082 11752 29375 51294 57851
03714 71587 85005 40186 73510 31074 19336 07251 58491 50465
35471 29541 21524 52225 73780 =

230 65 230 65 = repeats message = 235 65 000

7351 kHz, 09-06, 0448 UTC

974 64 =

98834 64307 29842 80516 87938 55204 09419 08190 66324 85691
33150 90917 19306 44032 62457 37233 87899 53358 78358 57576
11542 83425 32942 38309 30091 41179 27633 72132 34042 34906
74325 99089 32938 84225 22530 37216 68260 04283 85071 06829
06646 50062 09565 74369 97439 03203 00637 93700 50926 08638
82454 26117 36522 38754 12726 10050 76471 57906 47624 29971
27118 39673 86050 44036

= 974 64 974 64 = repeats message = 974 64 000

7351 kHz, 10-06, 0425 UTC

583 65 =

23697 56957 29915 58392 87602 49162 14197 85234 02782 80391
48569 03211 57670 05406 37403 79813 90659 15815 41418 87220
19442 99924 33571 27623 19959 79881 28806 48057 90961 96749
72865 99633 32373 15211 14786 64660 78869 85563 21420 19531
28463 94960 78134 49601 30346 16446 53641 22880 73688 88589
21221 82049 01648 35751 08690 65597 99711 53727 18084 51634
14364 83664 48368 14523 29860

= 583 65 583 65 = repeats message = 583 65 000

7351 kHz, 11-06, 0445 UTC

367 65 =

16196 95592 00816 36376 90602 31798 93856 95461 62759 49237
29441 08253 31325 17731 69943 47829 22312 20178 06410 23945
72766 52122 66490 14420 58217 96407 50532 41838 77917 82963
80876 61697 73825 69672 20264 73067 81505 31610 20806 40786
37915 96498 20125 81162 43914 00106 08686 45299 38851 56237
75520 21899 52026 79588 72574 55638 61553 94531 38312 15344
24194 80264 86708 02235 76751 =

367 65 367 65 = repeats message = 367 65 000

7351 kHz, 12-06, 0431 UTC

340 69 =

62072 08773 24984 20494 11928 46767 78488 84263 83663 13631
02791 96175 98469 31668 72412 03409 54716 66299 72607 36367
15288 02985 84651 50962 92094 97215 53276 24696 06950 96045
34243 70701 67816 63142 59415 08250 52800 24539 44100 17405
08401 54199 42452 87107 08025 31320 37609 01754 28920 66956
68319 13148 98570 25654 71179 82944 78572 81968 27545 12621
31022 20580 70079 65620 46029 42606 39292 73604 06546 =

340 69 340 69 = repeats message = 340 69 000

7351 kHz, 13-06, 0417 UTC

879 69 =

10987 17122 38583 38583 91299 85186 39589 88929 79183 08716
53586 22602 15660 79661 96600 81378 85246 72997 99461 88870
87759 20794 81990 47892 25436 79790 38029 19962 91533 01369
09186 39066 86409 11070 67741 09377 96414 04053 36946 16185
09970 19761 28349 24228 42934 98547 74040 71958 82277 19026
90307 72853 81344 33030 99191 66585 91480 51989 72925 39827
45520 76637 50474 62820 35688 26857 16452 16784 16947 =

879 69 879 69 = repeats message = 879 69 000

7351 kHz, 14-06, 0438 UTC

171 71 =

91287 98198 26751 46828 28309 79261 40980 98765 94076 58057
52318 31937 03074 54035 75536 23238 82510 53620 25657 22516
72169 68523 94909 31704 18623 61233 69218 84174 42799 36819
99142 01030 00481 18011 30647 00235 38567 32300 35225 29257
40314 45501 70560 25993 41629 97330 76495 14937 13711 72345
85801 05607 81881 66201 10298 14203 07294 99007 19285 89116
98968 33300 65562 42897 93804 13965 87160 43356 71191 10614
78040 =

171 71 171 71 = repeats message = 171 71 000

7351 kHz, 15-06, 0448 UTC

926 76 =

91287 98198 26751 46821 10309 33802 75670 98508 29978 71008
73435 86088 42435 82310 92043 51135 38268 55704 20582 92020
71396 67024 44635 46718 67222 67088 63791 18142 64781 48579
29145 20111 85262 27619 26298 00292 51188 72158 82577 80840
94756 74701 70331 65853 05042 15198 09622 92095 17640 55607
99896 20902 04484 08758 14619 64281 11278 24433 28185 65263
90859 07427 51951 34037 93941 59878 46430 21496 18191 15244
78374 17011 01440 67371 34166 44575 =

926 76 926 76 = repeats message =

926 76 000

7351 kHz, 16-06, 0432 UTC

195 68 =

48078 82117 07779 37647 19514 93647 67229 98063 45220 73906
53852 67495 69477 33887 48033 48976 40856 25395 75592 45950
93256 05740 12714 72785 63245 56301 36450 43745 45728 15016
25065 79358 90143 48386 35550 00950 10297 55352 72072 96146
55755 47407 75329 18460 17615 43043 85613 30580 33846 33614
62662 90895 99213 34325 37992 99386 25378 26430 70949 00972
38590 09865 53291 56740 90761 26125 62511 40142 =

195 68 195 68 = repeats message = 195 68 000

7351 kHz, 17-06, 0445 UTC

238 67 =

90047 83793 08293 12745 65019 06583 22604 93886 60952 24405
80632 63352 40984 23112 53286 32165 72956 85391 13242 54617
36137 41299 27020 21867 54020 19785 67391 27014 96463 44447
64452 73413 35944 61881 01369 12927 67069 41569 23638 74893
45442 63756 91868 09333 49606 58769 93689 09788 19320 14325
73967 43528 72524 99156 48435 62089 29229 32714 27273 25628
30817 06904 18603 40126 07154 92675 74755

= 238 67 238 67 = repeats message = 238 67 (no 000 at the end)

7351 kHz, 18-06, 0430 UTC

413 67 =

16371 03517 46177 75796 59506 24047 57121 14468 82847 21472
64689 52996 18966 88525 66460 94692 77049 05711 73168 23710
25324 42832 37271 61688 23423 35637 22731 45533 05708 76038
91881 38496 56852 11622 21070 61965 43636 88954 85259 11232
41064 76486 97669 52213 30353 52727 02983 13316 75905 35697
21286 49814 98708 70943 90301 87656 48353 74162 41888 51608
04213 80332 35037 13045 84237 92511 54857 =

413 67 413 67 = repeats message = 413 67 000

7351 kHz, 19-06, 0441 UTC

947 67 =

85555 80815 26206 79289 73315 43729 65013 92784 18087 20115
19270 28341 18619 70688 54983 44292 87612 95558 58482 06588
46068 54985 62779 78663 90095 62378 23986 50165 82132 13122
42910 46523 96675 99615 92009 19320 63217 35663 81465 08858
14581 94962 09051 75957 64042 41255 05756 77682 40942 31161
22112 52627 15537 28156 28916 18399 44391 18451 84350 14770
74931 96806 49135 29624 90160 28857 74891 =

947 67 947 67 = repeats message = 947 67 000

7351 kHz, 20-06, 0435 UTC

654 70 =

76819 33246 44217 65433 52563 60390 26907 61326 44522 19382
07640 16055 36073 90635 21014 93928 51293 52873 40267 57678
69176 87826 90357 46395 19697 40003 96472 93209 78399 22518
56466 54159 73906 55577 63697 17033 93471 90694 12247 04614
20026 72979 83829 60493 05665 71488 80255 62893 59839 98526
56260 16165 09078 14376 31816 91082 84783 98202 51710 63769
28257 72706 56237 18551 75370 87965 34062 67474 89532 91866 =
654 70 654 70 = repeats message = 654 70 000

7351 kHz, 21-06, 0437 UTC

179 73 =

12752 18435 62272 09823 53540 17945 43959 86384 34174 37887
80459 68836 73127 06654 75535 33335 71537 95390 31894 62883
02713 06638 61583 77664 25918 72208 36181 52275 37561 75033
37608 48947 34418 08744 61744 21803 25683 44469 28876 16521
88326 53346 41268 93287 95656 77393 99193 14669 28899 36951
59372 76113 54503 34057 51853 83944 71847 40764 35134 42058
27077 32575 93887 30612 55192 85167 59912 17763 93327 35418
76900 27222 65647 =
179 73 179 73 = repeats message = 179 73 000

7351 kHz, 22-06, 0443 UTC

903 63 =

39903 65234 95038 48199 66816 18805 45815 65954 65213 83786
28954 33858 72630 25524 48410 45903 03392 25387 03262 28082
96716 15459 99262 79708 91741 46037 65065 00824 36340 34188
22764 03016 30624 81224 54815 43737 34405 04456 05071 81154
06715 26336 12846 79590 50664 56847 91629 82012 26187 57465
80232 63144 86624 00021 22760 37804 98650 53697 17287 28946
51165 17420 42444 =
903 63 903 63 = repeats message = 903 63 000

7351 kHz, 23-06, 0440 UTC

826 68 =

60519 39016 82568 23232 66099 97536 00711 76688 95884 24756
20994 21835 69631 36001 36321 65293 65068 90985 79593 40457
93665 96587 95328 90447 27205 99189 35021 77705 32749 85375
97737 63795 64841 35084 63237 51902 16439 30602 59473 62089
65497 87212 32623 38479 76773 38877 33878 78331 54308 81015
11876 02291 11749 68617 24660 39172 45138 93063 06408 68018
36067 20463 49212 85125 80977 71694 38752 70619 =
826 68 826 68 = repeats message = 826 68 000

7351 kHz, 24-06, 0437 UTC

436 74 =

08495 81295 90364 82822 79437 26664 54944 25772 99641 47463
54706 94847 67171 89176 86648 59505 67664 61741 91961 56657
52520 23365 07554 69891 33328 72670 65756 17256 66902 49773
94252 86314 70095 29256 58137 93289 32378 96045 52999 54012
02605 42767 84200 74911 55994 27125 45006 96425 95391 89720
13332 92728 19927 52853 15383 25119 78367 05806 17481 41183
70730 90453 16645 72024 38891 31299 84358 75093 39994 08456
67109 52503 16121 47207 =
436 74 436 74 = repeats message = 436 74 000

7351 kHz, 25-06, 0447 UTC

9 9 9 294 64 =

85799 83055 05868 38866 29470 86450 70107 07107 41836 12634
78037 75583 78633 64079 24523 09492 73700 86108 07979 58224
15425 73205 41076 87309 16225 73303 85962 94317 55064 69764
04063 62515 55810 04626 46652 57130 58701 90206 91247 02739
44282 67400 19327 46376 34270 97854 26600 01076 27328 13713
09378 97822 57825 47000 17766 72026 00949 55662 76067 42555
76756 70006 84576 56993 =

294 64 294 64 = repeats message = 294 64 000

7351 kHz, 26-06, 0443 UTC

543 69 =

63365 69173 58543 48721 52836 90135 86146 91747 57343 84238
84901 09645 60861 10825 21275 78099 29277 67712 49493 48216
19170 80087 96161 79081 21618 90580 63384 13964 57694 87955
21630 75757 08042 65042 24629 68130 70445 10073 85854 22974
18331 35547 71552 63156 07960 47452 74564 38704 43662 99041
35674 97087 36914 19651 16889 40918 12100 39645 74883 51176
83797 73669 01036 31990 11801 29032 49455 19376 34079 =

543 69 543 69 =

Repeats message:

63365 69173 58543 48721 52836 90135 86146 91747 57343 84238
84961 09645 60861 10825 21275 78099 29277 67712 49493 48216
19170 80087 96161 79081 21618 90580 63384 13964 57694 87955
21630 75757

Stops, pause, restart at 0457 UTC

543 69 =

63365 69173 58543 48721 52836 90135 86146 91747 57343 84238
84901 09645 60861 10825 21275 78099 29277 67712 49493 48216
19170 80087 96161 79081 21618 90580 63384 13964 57694 87955
21630 75757 08042 65042 24629 68130 70445 10073 85854 22974
18331 35547 71552 63156 07960 47452 74564 38704 43662 99041
35674 97087 36914 19651 16889 40918 12100 39645 74883 51176
83797 73669 01036 31990 11801 29032 49455 19376 34079 =

543 69 543 69 = repeats message = 543 69 000

Carrier off at 0541

7351 kHz, 27-06, 0436 UTC

611 77 =

36933 40819 16953 46081 26611 68568 67673 52476 75776 28149
49164 38250 09824 57476 76388 70461 44805 20709 23030 39214
62671 97685 42554 06821 80745 87250 64900 42795 32093 188B5
20425 88668 64103 85841 63601 62796 99840 09998 91611 94581
56491 09342 28923 92813 49102 51030 25279 55722 63000 15200
34567 72793 94209 97823 52594 47572 97546 35133 22995 79275
44884 76556 79766 04516 41007 11648 46427 10486 89709 54999
39468 92612 41600 73561 79771 06324 21610 =

611 77 611 77 = repeats message = 611 77 000

7351 kHz, 28-06, 0436 UTC

849 68 =

00791 11984 85954 04754 38705 86125 66803 11362 59493 56959
88908 36386 68270 89257 48832 41537 24031 82540 55250 39424
21485 81554 16637 52432 44240 94007 13865 28145 40805 66156
96716 31438 95264 89983 22288 56147 93579 10768 41335 64442
65100 68609 27399 02394 47716 86031 75840 82885 15032 14764
15699 29663 40007 97887 84979 82880 53897 92435 75380 10149
67794 10440 39913 05637 94561 30772 59146 03956 =

849 68 849 68 = repeats message = 849 68 000

7351 kHz, 29-06, 0432 UTC

825 73 =

34821 94522 17467 13561 17598 67666 18247 44900 72072 63528
03463 72404 19839 68692 92826 36353 64596 86250 05472 00738
90392 92528 80649 94783 38319 24626 61934 89293 73515 49658
54597 43062 70599 47223 97080 37224 19871 53778 97796 34801
22345 02572 35400 41146 05101 99695 55753 02085 58551 83252
85115 04039 69140 61761 12552 24026 70398 68407 64242 75946
49670 38497 99721 65541 76528 93399 14631 65101 41032 82852
39442 80932 69136 =

825 73 825 73 = repeats message = 825 73 000

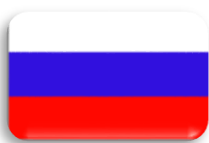
7351 kHz, 30-06, 0436 UTC

572 69 =

05051 25412 21322 62572 67968 73041 18183 02382 79077 19487
77714 67995 28074 87084 41126 58304 37417 50188 58584 92286
26285 35297 28143 33840 36980 01258 09769 30739 61387 79903
60846 11123 56161 10456 59435 17730 62188 17057 95778 85898
89465 64408 16479 49191 21722 45462 20225 60698 75370 10817
62209 40143 75301 67745 93355 00090 17211 98053 21175 37823
30585 54502 38164 81477 40574 62258 67811 16613 78720 =

572 69 572 69 = repeats message = 572 69 000

M42 & X06



Modes:

Various digital modes, CW,
Tones (Мазелка / Mazielka)

Russian Government & Intelligence



M42 – various modes

5938 kHz, 17-6, 0425 UTC, CW, i.p. NW 383 20 17 0400 6888 = 54637 33824 13765 57890 04562 ... 34251 56483 89342 65734
37564 = K CFM NIL SK

16169 kHz, 21-6, 1156 UTC, Serdolik selcall followed by Serdolik MFSK-34 40Bd 40Hz (Crowd-36) traffic CROWD-36

BK BK QRV K
K
RPT TXT K (4x)
BK BK
AA 80 K (2x)
BK BK
EE317 0806 K
QTC 1 ZZC SLD K

[illegible]

CFM NIL K
SK

Freq	Date	UTC	Details
3531	21-6	0309	NET Wkg with outstations. Messages in FSK 50/500, opchat in Morse: QRU NIL QRX AR
5857	21-6	0551	LXMT wkg outstations. QRX AR
6771	21-6	1406	L2RS wkg KE4T. Message in FSK 50/500, opchat in Morse: QRU NIL QRX AR
6993	20-6	0554	SFDZ wkg outstation. Message in FSK 50/500, opchat in Morse: QRU NIL QRX AR
7450	17-6	0500	K4MT wkg NT9P. Traffic in FSK 50/500, opchat in Morse: QRU NIL QRX AR
7978	17-6	0508	YDEW wkg MJFQ. Traffic in FSK 50/500, opchat in Morse: QRU NIL SK
9051	18-6	1406	PRAT wkg LKDW. Messages in FSK 50/500, opchat in Morse: QRU NIL QRX AR
9051	18-6	1434	NT9P eeeeeeeeeee LKDW de PRAT QSA NO QSY 35176 K
11453	10-6	1420	K4MT wkg NT9P. Messages in FSK 50/500, opchat in Morse: QRU NIL QRW AR
14789	16-6	0800	Russian Gov/Intel. Msg in FSK 50/500, opchat in CW. 493 100 16 0800 0591 = 40482 35993 85420 ... 81)39 77772 67471 =50= seperator
14810	21-6	0644	RDZ wkg UUI. Comms checks

59400 54517 10267 29319 48469 00632 53178 48040 75308 62991
15845 66017 39876 16557 23932 40844 51500 89778 03741 99317
95617 42050 88260 61439 22495 51039 72531 10983 68846 64553
91766 79839 48309 96656 20658 38323 71703 72708 17318 08613
83007 53010 60285 43534 22003 89761 52033 37852 49509 96996
87422 64281 96157 38204 10530 51381 20640 61304 08292 45537
88359 35679 14411 24214 06440 70940 21941 52662 76010 22124
28012 01272 47718 10998 59115 65750 91400 18169 50392 57337

15854 25683 77371 55204 99638 14791 63575 38270 18856 48589
12449 38579 82833 94205 37041 83465 13663 64219 85879 18664
30519 82018 88469 29568 24701 00758 68864 02821 36338 30626
00734 95427 68687 54096 02383 03569 00972 33858 95138 48315
85686 43106 73563 20420 41318 72882 60916 51381 76411 96160
48303 02965 05920 93348 40965 92367 45780 68911 60127 95211
96647 13790 73847 93567 52724 93309 55315 61169 96628 65267
30336 40932 39878 59383 80521 27930 16855 62328 26076 12482
36693 13161 00000

16286/14517 kHz, 01-06, 1230/1240 UTC.

Null message on link 53277 in M42c format but using 1000Hz shift.

12179 kHz, 01-06, 1250 UTC.

Null message. This was the only slot of the 1230/1240/1250 UTC schedule that was delivered as F06. Both 1230 and 1240 had F01 with 1000 Hz shift giving a null message!

M42d (F06) – FSK 200/1000

Link 16404 / 16405

16330/14367/12141 kHz, 08-06/ 09-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 24 blocks : This transmission contains one message.

Block No 1 : Link ID 16404 : 7th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 152

41660 19175 06234 34318 59836 36339 22384 56838

[Link ID 16404, Date 7th, Serial #1]

1be9 4014 a2bc 4602 98f2

185a 4ae7 738c fdbc 63e0 1a25 b86a b92d 6744 9f52

9592 d4f4 0b9a 48ce ed8a 0125 d729 0799 597f 1eb7

8e0e aea3 e057 14d4 098c ddaa d310 700c fe3e 4592

a188 137f 97d6 5b04 156e d16d 02c3 436b f1fb ce26

9521 9274 fa22 3593 eab6 3130 2bc5 36a3 fb39 3bbc

f7a9 ef0d 8ac6 2f16 cc3d c1bc 02bf d8c1 e6c5 029a

7f9e a15b f623 5912 2c72 4415 5ca1 6cf4 1b88 c371

a684 8c47 71f9 b7c4 7e08 92c2 e251 7dfd 2ca5 29f6

618d a3b2 0574 68f8 d337 c661 7733 59d1 2d92 6ef2

c325 883f 1690 73cb 5eb1 84b9 0b5d f39b 33f5 c0d1

6b72 fca0 784f 8d97 c6e2 b41c c571 004c 6240 b937

bd29 2ce3 4d55 4de5 eaf5 589c e452 4c53 24c9 dbea

f0e1 1d84 d193 b5f8 f079 1b0a 9d20 ef80 146e 51f8

146e 1f3e 1aa5 b04a f9a5 5857 3cda 396c 0b7d

16330/14367/12141 kHz, 22-06/23-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 24 blocks : This transmission contains one message.

Block No 1 : Link ID 16404 : 7th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 152

41660 19175 06234 34318 59836 36339 22384 56838

Link 20492

15629 /13376/11544 kHz, 22-06, 0915/0925/0935 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 20492 : 22nd of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4

34244 00000 00000 02079 37104 35026 00893 09671

Link 20501

17436/15789/13376 kHz, 01-06, 1650/1700/1710 UTC

[Link ID 20501, Date 30th, Serial #56]

1be9 5015 7e7d 2c96 bcf6

9c85 88f2 6f7c 307e 703b ad0b ea1c 89ba 08f7 520b

8d45 ebb4 54d8 7744 8ea2 90c1 876a b0ee 63fe f920
5a9d e21b c2c9 03b4 a3dd 949c 8f73 db2e 8336 6097
3998 4293 c701 3c16 cbca eeea 6d58 8bd1 3c5a 56ed
b070 631b f0d4 01c2 020c 1706 69da 2cbd 3380 f3ff
7d56 089a 9b73 d468 6ad4 ab20 120a 36f5 e41e fc98
8c2a 80db c281 03c8 19e8 3623 eac6 a28c bc54 578a
b137 0a05 ade8 8611 11b9 6755 7d0e 9daf cf51 92b6
794a 0c1f 3903 c32d 75a8 7665 8239 c5aa 630c bac5
c8ab 0af9 d205 a25a ee11 531f 6df9 59b9 5974 1486
0046 a358 8ca2 583e c0f7 af79 4560 ae3b 0703 4b08
f917 c52a 698f 63f3 8533 2178 871c ae10 30f5 573d
1359 242a e50c 63ac eb55 c07c 8679 c0d8 f64f b78e
6c9b 736a 0fcf 2d1b 47a4 41c7 a01c 9d46 9ec9 8086
133b c965 6d74 f896 6b8f a67d bce7 ef4e e9c9 1f72
a07e 2498 0277 dbb6 8b78 a2c1 d4a3 07d6 f9d3 203f
625a 4491 6e42 ed07 88e4 a627 a290 7c77 c7dd 27a2
7946 a04a 8000

18214/16234/14433 kHz, 05-06, 1530/1540/1550 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 20501 : 5th of month : Msg Number 140 : Msg Type 07145 : Group Count (?) 4
19836 00000 00000 01985 16418 03414 00893 11247

17451/15865/13483 kHz, 07-06, 1650/1700/1710 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 20501 : 7th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
01476 00000 00000 01154 26517 35988 00893 16359

18214/16234/14433 kHz, 12-06, 1530/1540/1550 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 20501 : 12th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 00957 12857 34561 00893 05106

17451/15865/13483 kHz, 14-06, 1650/1700/1710 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 20501 : 14th of month : Msg Number 152 : Msg Type 07145 : Group Count (?) 4
13420 00000 00000 03779 12857 33240 00893 02679

17451/15865/13483 kHz, 21-06, 1650/1700/1710 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 20501 : 21st of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 00917 12857 33305 00893 35025

18214/16234/14433 kHz, 26-06, 1530/1540/1550 UTC

Null msg on link 20501

17451/15865/13483 kHz, 28-06, 1650/1700/1710 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 20501 : 28th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
44261 00000 00000 02768 21447 35296 00893 17310

Link 32799

17481/15947/13468 kHz, 07-06, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 32799 : 7th of month : Msg Number 105 : Msg Type 07145 : Group Count (?) 4
11876 00000 00000 03806 19279 01113 00893 39954

17481/15947/13468 kHz, 14-06, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 32799 : 14th of month : Msg Number 105 : Msg Type 07145 : Group Count (?) 4
40208 00000 00000 02078 14796 00669 00893 43840

17481/15947/13468 kHz, 21-06, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 32799 : 21st of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
55564 00000 00000 00458 09187 35441 00893 09401

17481/15947/13468 kHz, 28-06, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 32799 : 28th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
17861 00000 00000 03536 21819 34880 00893 53441

Link 32816/32817

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

Block No 0 : Total Message Size 80 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 32817 : 4th of month : Msg Number 170 : Msg Type 07145 : Group Count (?) 223
54100 49205 59497 28729 05640 01828 38779 25024

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

[Link ID 32817, Date 25th, Serial #71]

1be9 8031 d83c fab1 9be5
b825 7274 b70f 8bbb 45da b910 512a b62a cef3 9e74
5ed4 7218 be3f 36c2 a12c e3d3 a0d4 9e71 0e55 365b
656f 1c38 ad21 4027 7c79 cdad 4306 d022 704d b887
8ad6 e9ef 2888 48ca e61e 2fdd 5cd6 f587 2cb1 3001
485e 47e5 ba0e cae2 4e6f ef96 2f1f 7c73 8c1f a3df
3a84 01f2 871f b57f 1f2a 637e da98 7e48 a41f fafc
d34e e130 1a47 ae09 35b7 6678 ebd2 f8b8 2781 caa7
6bf6 6d68 f70c e966 2d29 d6ea ccc5 f338 d873 8036
2d7e b4bf 3f91 035b fb17 d966 f4e7 f3b0 9bc6 e0af
e69c e980 e419 9178 02ac 8368 3db9 1b18 df9a f499
04f2 daae 6c69 fe3f 9d8f d478 7086 9e10 eb48 d3e5
2e2e cccc 2756 5d99 a583 26bc 450c 50ae b0f5 0fad
ed65 4478 8bbe 5e2d 4525 4d5c 929c 9231 3d4e 7533
bc0b bc23 2700 e1ff bc63 6d57 9258 c698 fa44 1da1
151b e120

[Link ID 32816, Date 25th, Serial #72]

1be9 8030 1254 fab4 8ef7
d290 5ae4 0747 5ae3 de67 5e90 71a9 d7b1 6793 8f6e
2e02 dc75 6872 0e6b 34ce 78c2 b16d 8249 e5a1 0540
9d1b 1201 8352 9c55 af11 845a b3dc e69c f530 f800
e4d9 46a0 db1a 1e1b a61f 52fc 42f1 91e5 be31 4e84
9012 a81d 7b1e 0ae2 0bdb 7931 0e08 3835 13b4 8bdb
7c29 d5e9 d5e4 aebe 6265 10c5 6e48 77d9 d1af 215b
c440 b8c4 ce95 d8fa bcb7 ac88 9469 fc7a 2fca b362
7df4 f658 4a3e 733d 6e9a 0838 59af 813c 5389 8408
2ed8 a173 92d8 d573 3da6 4f81 b170 d8ad 64cc c132
e1f9 4c6f c019 ceb5 2641 2ca0 0834 2161 2fbc 4d06
8079 7be0 d290 fe13 3118 f3bd e591 6d69 66af 1c29
601a 2454 37e1 ab25 5fc0 516a 7c14 b0e0 07cb c0bd
7987 bfa2 092a 7a54 ce32 bdc4 ba7d 8a00 dbad 1640

Link 32821

18323/15886/13581 kHz, 04-06, 2100/2110/2120 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 32821 : 4th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
01476 00000 00000 03387 28292 36238 00893 42595

18323/15886/13581 kHz, 11-06, 2100/2110/2120 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 32821 : 11th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
23864 00000 00000 02627 16767 34747 00893 23515

18323/15886/13581 kHz, 18-06, 2100/2110/2120 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 32821 : 18th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 01633 13740 36464 00893 28064

[Link ID 32821, Date 18th, Serial #1]

1be9 8035 990c b402 04e1 Null message

18323/15886/13581 kHz, 25-06, 2100/2110/2120 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 32821 : 25th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
01476 00000 00000 03345 28292 33580 00893 05957

Link 36882

14689/12143/10186 kHz, 04-06/05-06, 1100/1110/1120 UTC

Block No 0 : Total Message Size 31 blocks : This transmission contains one message.

Block No 1 : Link ID 36882 : 2nd of month : Msg Number 130 : Msg Type 07145 : Group Count (?) 204
53100 12241 15803 06315 31234 01517 44091 58019

[Link ID 36882, Date 2nd, Serial #52]

1be9 9012 cf6c 1482 cce7

3dbb 2fd1 b71a dd06 2b77 a00e ae11 db34 1d31 44fa
e6da 0cd3 87b0 10e1 d157 5630 834c ef75 a234 28aa
0509 968a e763 14f8 f952 585c a7f1 f4bd 5610 9765
a19a 1ac0 0a2c a513 eeee 13d2 17c6 4d48 be72 926c
97e5 6f0c 9cb2 b043 85c6 bc64 e387 7d23 567f 1928
a2a9 2875 e772 24af 7b79 0892 98ac 9675 b663 e474
4202 9c37 85c9 1de2 ee53 2b7d daaa 378c 7914 3798
8a74 d3b8 3953 ab92 b8b8 1e3a 3f9c 4952 3d81 521c
6753 876a 8b77 7b26 c0f2 be58 8a9f 72ff 8c3d 0f19
a9d1 f3b0 5631 6895 5923 cc92 ac36 c904 dd5e f729
6e0c 971e da78 0585 7471 abce 35e6 c42a 6a82 bb04
25d0 bb9c b7b1 0d75 ae25 7d90 d172 6b2e 1259 d1b6
7589 6556 2cf6 c501 bb2d bc5f e00b 2507 c98b 47cf
dba7 16f3 dec9 d395 0125 80a7 ea7b 1c26 0c68 1d79
eb9f d9e1 bc82 f3be 1c00 a7bd 3bad 2df3 6ac2 91b8
f0f2 8d24 b628 c58b 1406 01b9 2ae2 b7f1 8662 30dc
f2d1 2709 6c89 0fac 1eed f0e9 3343 01a8 bc1c 5ab5
5a4c 7f3c 6817 bc87 4a84 b165 4273 3253 379b b8ae
6c7e 27d0 a6a1 4c66 036b 4136 a050

14689/12143/10186 kHz, 11-06/12-06, 1100/1110/1120 UTC

Block No 0 : Total Message Size 42 blocks : This transmission contains one message.

Block No 1 : Link ID 36882 : 10th of month : Msg Number 132 : Msg Type 07145 : Group Count (?) 26
15300 13521 62235 05332 48247 40001 42923 55573

[Link ID 36882, Date 10th, Serial #53]

1be9 9012 3bc4 6484 1aeb
f31b 34d1 b99a dd52 cb74 080e 1211 e709 1d49 44c2
a6da 5609 975c 0248 3994 f076 08ec 1aad 89b4 e3b7
1620 1429 6499 0029 d9c8 0a39 a986 3379 1d03 da21
552e 3b66 d346 5635 05e0 07dc 5b77 c904 630c a535
6aed 5245 e643 1597 07da 817b edb6 0dd6 b2a8 8180
4a95 48c7 3779 3c21 d1e3 84c7 f39d 2b00 89c0 bcc1
9e44 0133 cfaa 501c 92d2 2ff6 075d c4ed d975 5a12
28c1 0ae1 63b2 4f9d 31e1 dff5 bcde 8888 5933 baac
49c5 f887 8504 b5e0 2c67 c1e1 4825 25c6 1f05 8764
1f10 c88b 2a61 4d66 bee2 54c8 a1d5 c6a4 9979 f017
b730 6421 c429 8a2f 4a44 cec4 41f8 72d8 420a 1911
ac75 1686 f4b5 6c04 7d1a e79d 8b09 65b9 845b 1d02
8d64 9bec 3a17 e6cb 5d45 26b7 2a41 0519 83dc 319f
3884 e5e1 bb19 8570 8004 b535 2401 0166 9335 cf08
4471 84a7 81a1 e260 0302 d248 d45c 365b 7be0 9c9b
7d1f 36b4 ea34 a428 75b7 7df0 492b be02 9a73 7382
1ac3 546f 5041 41fa e948 8a91 f43a 4a74 7844 2901
9b8c 413c 2925 each 51bd bb39 ac59 25c4 542c 0b15
30b2 d547 c45f 3a50 4829 aad5 f238 1926 3d70 5499
6fe4 6240 6b40 b4e0 f426 4b22 8aab 2c21 9139 5682
6853 0c40 d435 88a0 f901 caa1 3bc9 2f85 92f0 2589
eece 2e09 810f e58f 3138 7c96 25c5 5232 6869 91c5
8137 bb0b 4bd9 a4d4 f0de ef27 9031 f14b 8cc7 c9ed
f46a edff 5524 54d6 1a7d f501 b45e 053d f221 d8c5
dac4 86ca c687 39f6 2956 bd03 9807 63f1 0a85 1910
388d a612 81e9 0093 6c65 abdd f60a ed71 1800

14689/12143/10186 kHz, 18-06, 1100/1110/1120 UTC

This slot was replace by E06 on 14689/12143 kHz at 1100 and 1200 UTC

14689/12143/10186 kHz, 25-06/26-06, 1100/1110/1120 UTC

Block No 0 : Total Message Size 53 blocks : This transmission contains one message.

Block No 1 : Link ID 36882 : 23rd of month : Msg Number 135 : Msg Type 07145 : Group Count (?) 102
47784 15601 14832 05614 28573 04197 46294 09231

[Link ID 36882, Date 23rd, Serial #54]

1be9 9012 baa8 e687 66e6
39f0 3cf1 b71a dd1e a084 8a0e ae11 defa 5d52 44fa
e6d8 e774 9285 a2cb d224 8f14 44f4 9951 78ad f207
bbf9 920a 1139 3ff4 3257 17e8 e031 54ad a98c 0547
9ea8 eb27 8a60 2855 822f bbf7 44a8 f727 6a8b 3162
d31c f272 303c 8be1 4546 f477 82e1 841d 0f05 f52f
8392 95e4 16fa d662 e126 a334 5805 dbd1 7ee3 d589
d85a 526d 1598 02aa fc19 6444 df96 5ed4 c950 96a6
ca2a 2512 ac83 df4e 2f97 e598 7309 98c7 8d05 4c18
374e ee94 dc8a bd38 b5f3 b4a6 0620 8575 09c8 386e
7840 28a2 8bb0 8f73 cdd9 6ef0 4cc9 6936 a598 8ef5
bc83 1e72 7f45 cb22 0809 c015 cf66 1eb9 6601 ed20
649b bb98 e4cd 5841 0971 e747 804c a163 4274 b137
4b24 56ad ad77 9d85 7faa 6716 7dbb 3d39 e7cb 5cc7
8c8b a364 e7c3 51b9 b2b6 bbee 9777 cc52 46dc e757
219a 1110 6f2d 87f8 845c 8d32 42b2 f3fe 1e69 8e90
a26c 573b 8813 581c 90cb ad38 9cf7 72ae 33a5 2cd0
3145 f860 3028 867d 0ee8 65c6 4518 163e 1e22 9869
674a a46a 45b4 a01b 1113 7495 ca33 6d78 6734 5188
11f1 52aa a27d 9c30 5851 5962 fdd8 7d6b 447e d8fe
7064 e10d 2cc7 cc89 8dc4 6f18 2876 0016 d245 7410
463a 958f 4154 ea77 72d8 b661 91bd ada0 e845 2c28

15ae 5729 ee8d 7818 438f 2a12 42ba dce9 0017 13bc
d074 e9cc 55a5 8bbd c64f 2009 8361 7e28 7697 2462
54b5 46e8 3888 4b01 260d 9b85 2266 d806 499c 7ab9
94e8 9c89 0383 44a9 d128 3883 2ce7 d65c d214 e4fd
81b3 2c4b c769 bae2 c7ad c064 8afd 45f3 5704 df79
ca32 9d09 c435 f139 7328 829d d8e4 9f02 2b9a 3b18
42f7 59cd 5bde 3303 9807 5f53 0069 ebd5 5141 3cc6
0793 f746 f671 03ce 5980 dbce 9fe1 0db4 ebb8 7a04
de73 bc75 ccf0 a8be 7914 3601 c911 acd1 e349 7874
9d09 4787 3be7 71d6 4a34 c0c3 d6c3 3435 e541 f6f1
a7a8 c275 0303 99a9 e8d1 449a 5347 8226 ed2e cac1
4ee5 0d49 d4fc 6478 edda 8967 4817 3eee 6400

Link 40988

14981/12203/11148 kHz, 07-05, 2300/2310/2320 UTC

Null message: Link ID 40988

14981/12203/11148 kHz, 21-05, 2300/2310/2320 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 40988 : 21st of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
55564 00000 00000 02501 00624 35441 00893 42801

14981/12203/11148 kHz, 28-05, 2300/2310/2320 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 40988 : 28th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
60753 00000 00000 00980 10214 35839 00893 05945

Link 45057

16314/14569/12191 kHz, 11-06/12-06/25-06/26-06, 0900/0910/0920 UTC

Block No 0 : Total Message Size 14 blocks : This transmission contains one message.

Block No 1 : Link ID 45057 : 10th of month : Msg Number 210 : Msg Type 07145 : Group Count (?) 81
65016 11188 40596 08759 44730 03882 50145 08697

[Link ID 45057, Date 10th, Serial #84]

1be9 b001 fdf8 64d2 51f8
9e94 2bb4 f15c d58c c216 0756 087d 5685 49a8 1f9b
547e de24 7fd7 a9d5 1924 d1d6 cbb3 fd03 1a63 e666
a729 7cc0 ab37 0745 a1c7 8117 c8c4 330f 60f7 24f8
ab55 3c4b 5f8c cd0b 35ae 5f9a 6862 6504 8bd6 0693
134c 6784 2ee4 30c3 d304 8324 2b8a de2e 0a5c 2d8c
c8f1 2a2c ef6f 7aa2 3fe3 142c 2026 de71 6608 4bc8
a0cf 798e 6cef 9a76 7ab5 25af 530c 4e9c ef71 77d4
3cae 1483 4f99 7e10

Link 45075

15906/13468/11114 kHz, 01-06/08-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 45075 : 8th of month : Msg Number 152 : Msg Type 07145 : Group Count (?) 4
62492 00000 00000 04037 09055 34373 00893 09446

15906/13468/11114 kHz, 15-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 45075 : 15th of month : Msg Number 027 : Msg Type 07145 : Group Count (?) 4
64892 00000 00000 02829 09055 34640 00893 26104

15906/13468/11114 kHz, 22-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 45075 : 22nd of month : Msg Number 005 : Msg Type 07145 : Group Count (?) 4
47564 00000 00000 02694 21930 03506 00893 17532

15906/13468/11114 kHz, 28-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 45075 : 29th of month : Msg Number 007 : Msg Type 07145 : Group Count (?) 4
50665 00032 00000 03455 08799 36451 00893 52531

Link 45079

12064/10926/9049 kHz, 06-06, 0400/0410/0420 UTC

12218/11164/9418 kHz, 08-06, 2100/2110/2120 UTC,

[Link ID 45079, Date 2nd, Serial #14]

1be9 b017 3f34 1423 d8f7
a2d1 4011 c9d7 0ac3 7d5a 66c9 c117 cceb 5cc7 f6c8
2318 c650 7432 2529 23ca f325 aa38 a966 b514 25eb
c2e8 4b7b 3234 ba20 5521 79b6 dc91 0933 eec6 4d26
c39b b82f 2cb4 8378 ec4b 073f 8595 3e14 0aae 5002
7709 36d4 fe1d c484 3fed 3700 44ae b9e9 69f7 27ab
0588 0694 6cf5 1d7a 0f70 3bc6 8757 9ee9 1c03 2ea3
4bed e767 9e26 0d1e 0236 f68a 9f3a 4db6 2705 2073
0d54 91f3 bff6 6309 b5da 2dee 42dc 824c 6305 027d
3b66 5468 340b 49d5 b5ba 0502 2f97 a069 89c7 dcc5
0129 35da b999 0ab6 40cb 66e5 e9df ca88 5480 f758
85f1 3705 716d d81c cfc1 7569 06b2 0c38 0f29 5080
2b9a a13a 668a dc20 1d07 0768 22fb 9de7 cb52 d091
d198 6ea9 1c06 cc66 e9eb 6f3a cf6c 2222 edeb 725c
d1d2 4811 a051 9b8d 54c1 d78a 6c44 7d32 c373 c9b5
ce99 8151 09c8 8053 b1b9 16de dbb3 9388 7650 af7a
5566 be48 a12b 3e08 40f5 0607 854f cbdf e5d1 207e
c812 6fbd d1d8 c3a5 7924 be8f cd21 cce8 7b73 93c9
bb85 de9e fde4 d5f3 9834 8237 73e7 1b68 f4bd 77f7
dc53 d4aa 4ca7 ebf9 8894 2c9d 93d2 95d8 132d 0d75
5f94 2803 7e44 d3a6 ddf9 9845 169f 8b09 5dca 214a
f3aa 3bd7 4b9d 4e4d 43c1 1a2a 9564 10bc 1ec3 184a
924a bcb5 1d4c 52bb ebc b7840 24b9 2669 d2c9 ad7b
c2be feb7 c60a d357 98d5 5f79 b612 7daf 5815 005b
bae9 4856 7c94 db97 6d5c 88ac 4415 4888 72ab 2527
890d e6bc 6c95 c46f 5d98 d9d9 1327 da3c a974 7ed8
581b a43c ca58 69e8 0d53 0a4e 5c06 20e6 c92d 1ab1
6304 3bef da8b 0205 0aed 72c3 2c5f 7894 d0eb 4b8a
0943 18cd b925 8653 4666 f299 348f 24f6 0018 b654
f8b6 e754 44d0 8608 ca0e a8ca 1908 4ce5 c9d8 6330
a190 6993 70d9 0638 b8a6 06f9 2201 bbac 6354 17f1
6f38 2431 c741 4a41 b88c 92ae 77e9 ca8c 1317 a9a2
e575 6993 067d 94a6 4b7b 2008 75c6 9967 3d80 0f07
5459 b432 e322 bc27 f23d b8b9 801c c072 18b0 7776
5d70 4f81 2021 48d1 d498 83f9 72ad a206 4ed1 7ad6
a198 1824 8d2f 2040 bb78 f987 aaec eba5 3c12 19e7
9a31 8dc1 cb17 6470 160c d163 0c2d 0893 2600 15b6
4093 cf2f 84a7 8ea1 fe42 14d0 ac2d b88c 8f80 861b
02e8 0aa6 a484 bd34 18f8 3713 36f4 4575 258b a630
daba 1f2c 4867 acf1 6564 bb94 ee47 1647 db3c d151
9920 86bc 7a79 e639 d8a3 57a5 74cd 8275 6393 d96c
57a7 b566 76a1 3c6a 3c68 55d8 ca71 5870 f6c7 6ceb
d920 7f7f 8f26 c8d4 c7e6 96e7 995a db98 bcb4 7e8e
75cb 5f07 6fc9 9973 2e10 ac91 01bd 6c28 f735 f60c

4dc9 b317 cbb2 d600

12064/10926/9049 kHz, 20-06, 0400/0410/0420 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 45079 : 20th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
01388 00000 00000 03798 38380 35091 00893 22479

Link 45114 / 45115

16251/14565/12116 kHz, 11-06/12-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 18 blocks : This transmission contains one message.

Block No 1 : Link ID 45114 : 10th of month : Msg Number 080 : Msg Type 07145 : Group Count (?) 104
18668 03520 41306 39352 56490 04088 11563 60314

[Link ID 45114, Date 10th, Serial #32]

1be9 b03a 48ec 6450 68f5
a15a 0dc0 c015 b8a4 db58 59e4 9307 0584 32a1 db00
1776 d74d bb5f dbe8 f0d6 44d3 c98f b7e9 69f5 2344
78ea 5d8d a1a3 a65c 9598 10f2 7522 f6e4 8559 3d30
c1d9 567f 8a49 d2d4 1278 326c 1142 2c40 1074 4f04
84a0 5f84 4081 86b3 cd8e 8169 394e 8ef8 b7ad 6133
1de0 7ad0 c9f6 1bb1 310d 5ccd 08d8 9315 30bc 5bfb
9832 51ad c0db 0116 0a66 a4b6 e618 73a7 0399 3041
f5e6 7184 af05 28a3 eef6 158d 5fdc ec1d 7799 c3df
b5ee 9c4d 536f 2235 1ade 0096 5b5d ab77 40c5 e292
2047 ca17 dd39 ee14 1050

16251/14565/12116 kHz, 17-06/18-06/19-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 20 blocks : This transmission contains one message.

Block No 1 : Link ID 45115 : 16th of month : Msg Number 082 : Msg Type 07145 : Group Count (?) 118
22132 04480 53530 37989 06443 36460 08659 47518

This one normally sends on 2nd & 4th Saturday + Sunday. This week it sent on 3rd Friday, Saturday and Sunday

[Link ID 45115, Date 16th, Serial #33]

1be9 b03b 5674 a052 76f9
d11a 1180 bd95 b8c3 1b58 31e4 2f07 09ba 32a7 db38
5776 d40a 598e 7d45 8081 7dd2 4be6 406b c793 e359
2f34 714c 5271 0326 5429 3e4d 546d 8845 4411 9937
b76c caa7 6c97 bb98 f04b c3fd 4ef4 275c 6f22 7e4a
4e15 0690 d58b 9ae7 15d4 183b 8478 6adf 6195 52fb
e0b8 83a8 83bf 788f 71cc 5685 56ca bcc0 e693 004c
a887 7468 e34c 16f9 9803 7719 433b 0c5d 1245 de10
e17d 85a6 119a 8d8c 9a55 02b5 d165 366b 70c1 7843
55c9 6b3d 8e90 17e5 4ace 06a2 7601 930a 934e 40a2
c40d f879 b255 1b8a 7a9a df67 00c5 86eb c925 e0f0
aa5d 3eca 3980 9835 7528 404c 56b3 2800

16251/14565/12116 kHz, 25-06/26-06, 0800/0810/0820 UTC

Block No 0 : Total Message Size 19 blocks : This transmission contains one message.

Block No 1 : Link ID 45115 : 23rd of month : Msg Number 085 : Msg Type 07145 : Group Count (?) 116
04312 05600 59294 40430 00643 02741 57191 62872

[Link ID 45115, Date 23rd, Serial #34]

1be9 b03b 10d8 e655 74ee
e79e 15e0 bd95 b838 1068 77e4 2f07 2cf4 f2b4 db38
5776 db6a ca9c 8cdb 5d81 25e4 58b5 897b 8702 f14d
2442 f791 bd02 6083 ac7a 115f 42e6 e623 f8be d6a7
c994 ec1b 4d70 cc99 a8a1 b890 8c20 bd1b dce9 45b6
6c61 4765 e297 4f00 c1dd d827 dcf2 82e5 bc2d 2f02
8ca4 c12b 5813 6939 7f19 1906 4008 2081 6596 ea4c

b561 ac4f f947 2d16 bdc8 262b 9b24 9374 f4c9 22ee
35a2 d402 2f50 e4be 16ee 39c9 6fbf 649b 36d9 31fc
3f21 55b9 81c6 ca65 51fa b139 6781 91e9 1366 f9d0
0924 103a 30e8 c17b fdaa c9a7 5433 e501 bb2b 4491
5bbd f9b7 c276 cf99 d6e9 8720

Link 49202

17476/15843/13488 kHz, 08-06, 2200/2210/2220 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 49202 : 8th of month : Msg Number 110 : Msg Type 07145 : Group Count (?) 4

19364 00000 00000 03625 28271 01285 00893 07960

13488 kHz, 15-06, 2220 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 49202 : 15th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4

22796 00000 00000 03574 28271 33267 00893 65309

17476/15843/13488 kHz, 29-06, 2200/2210/2220 UTC

Null message on link 49202

Link 49237

13543/11154/9221 kHz, 02-06/03-06, 1330/1340/1350 UTC. The first message on ID 49237 since December 17, 2015.

[Link ID 49237, Date 30th, Serial #21]

1be9 c055 4891 2c34 bce6
b335 1df0 25c2 8f28 e25d 5c32 a8d7 6bd1 5344 0783
e3ae 1ed1 a1cf f512 dd1b d132 ea04 0d9f 4f42 7589
6c27 f911 a887 3c50 90da 90d2 6cf1 3f30 accc 2369
4e71 dd3c 01f0 3191 dcc4 62a1 e757 09a0 4328 e2eb
5d81 aad3 361b 8d31 a59a ba94 1da1 5096 e8ca cbfe
aaa9 ad15 8167 a808 f741 0983 fb14 5c83 0551 d6e8
ee3d 1862 f3d9 2bbd f502 4266 8a6b c65f c074 71e2
2160 5a64 f78f e6cf a2a5 c7b3 35f4 0de9 0555 1ae1
2166 4172 6792 878d a5be ef34 12af 4cb4 0c67 c430
d3eb 87b1 b6a1 4d50 9312 5b5c 872b 24e0 8030 6cf2
35f3 2f04 7bc1 0f64 2f87 0da1 24f7 a307 2ee7 cd8c
5888 61ea 4c41 9206 afd2 44b6 bd27 af9a aa80 f98b
07d9 722b 0c28 428a 3d8b 191b 9f72 bd73 4d6c f598
1e36 66a1 4778 c9c3 5926 3074 153a 8e72 a95b e69f
0146 bbe0 8802 b1e3 ad29 fc4c 18eb 0048 cc86 a05a
4d7c fe06 daa7 92d5 0ccc e827 c3d7 e1da 8000

13543/11154/9221 kHz, 16-06, 1330/1340/1350 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 49237 : 16th of month : Msg Number 052 : Msg Type 07145 : Group Count (?) 4

10284 00000 00000 02336 64414 32994 00893 63482

13543/11154/9221 kHz, 23-06, 1330/1340/1350 UTC

99% of the three transmissions were undecodable but the decoded parts all give the same text. This should be Link 49237

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 49399 : 23rd of month : Msg Number 193 : Msg Type 07145 : Group Count (?) 12

40824 00000 00000 02316 60652 03608 01023 62456

13543/11154/9221 kHz, 30-06, 1330/1340/1350 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.

Block No 1 : Link ID 49237 : 30th of month : Msg Number 120 : Msg Type 07145 : Group Count (?) 4

39737 00000 00000 03825 44260 02912 00893 22660

16286/14517 kHz, 01-06, 1230/1240 UTC.

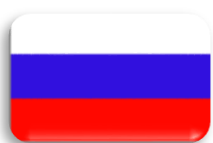
Null message on link 53277 in M42c format but using 1000Hz shift.

12179 kHz, 01-06, 1250 UTC.

Null message. This was the only slot of the 1230/1240/1250 UTC schedule that was delivered as F06. Both 1230 and 1240 had F01 with 1000 Hz shift giving a null message!

X06 - Mazielka

Code	Freq	Date	UTC	Sequence	Code	Freq	Date	UTC	Sequence
X06	10653	10-6	0828	Sequence: 356412	X06	19611	10-6	0953	Sequence: 256134
X06	12091	3-6	1320	Sequence: 216354	X06	20837	3-6	1228	Sequence: 645321
X06	13369	8-6	0728	Sequence: 412356	X06a	16230	16-6	1035	Sequence: 323232
X06	13452	6-6	0652	Sequence: 165324	X06b	9064	25-6	0514	Sequence: 1--6-- before E07
X06	13452	20-6	0705	Sequence: 165324	X06b	10264	25-6	0515	Sequence: 1--6-- before E07
X06	13465	15-6	0835	Sequence: 362154	X06b	11464	25-6	0513	Sequence: 1--6-- before E07
X06	13510	28-6	1013	Sequence: 612534	X06b	12138	17-5	1838	Sequence: 1--6--
X06	13547	3-6	1237	Sequence: 625413	X06b	12138	22-5	1925	Sequence: 1--6--
X06	13954	3-6	0544	Sequence: 213546	X06b	13538	17-5	1843	Sequence: 1--6--
X06	14501	3-6	1004	Sequence: 361245	X06b	13538	17-5	1856	Sequence: 1--6--
X06	14824	3-6	1028	Sequence: 625413	X06b	13538	22-5	1924	Sequence: 1--6--
X06	14824	3-6	1248	Sequence: 625413	X06b	14538	22-5	1905	Sequence: 1--6--
X06	14825	6-6	0740	Sequence: 641523	X06b	14538	22-5	1907	Sequence: 1--6--
X06	14944	8-6	1027	Sequence: 621543	X06b	14538	22-5	1922	Sequence: 1--6--
X06	16115	1-6	1134	Sequence: 215346	X06b	14538	22-5	1926	Sequence: 1--6--
X06	16116	8-6	0844	Sequence: 134265	X06b	14538	29-5	1905	Sequence: 1--6--
X06	16219	3-6	0819	Sequence: 324615	X06b	14538	29-5	1908	Sequence: 1--6--
X06	16223	23-6	0846	Sequence: 164532	X06b	15884	7-6	1808	Sequence: 1--6-1
X06	16320	3-6	0625	Sequence: 241563	X06b	15884	30-6	1754	Sequence: 2--6-- before XPA2
X06	18197	3-6	0934	Sequence: 645321	X06b	15884	30-6	1806	Sequence: 2--6-- before XPA2
X06	18197	17-6	0931	Sequence: 645321	X06c	14450	30-6	1034	Sequence: 123456

**XPA****10438/9938/9138 kHz, 07-06/10-06, 1730/1750/1810 UTC**

491 491 491 1 491 491 491 1 491 491 491 1

02843 00143 57526 81420 61202 11206 64297 58082 39263 99105
 55701 47980 78640 43227 24370 99427 73917 11018 87628 46558
 18581 09969 81378 60589 33757 32564 98348 06715 51398 16183
 61517 04880 13608 94849 71236 86282 36264 09323 81074 77401
 78817 48374 54413 94503 66048 71554 03554 70587 96655 66915
 10379 92812 54894 04273 15100 57816 26355 85772 19680 43115
 17551 07383 68385 18427 60213 31724 16284 42208 33251 32468
 32843 63454 38072 20979 85641 15645 78340 73643 11652 98921
 86691 86943 02536 26157 92194 74549 37538 11474 23992 48140
 20611 79368 35306 35915 76851 57479 55258 52118 76711 70421
 72179 94327 99821 27964 14787 81983 50908 84028 54306 86806
 91214 93395 76685 11462 49047 78708 86821 56102 50525 02250

42321 28412 51070 03863 84518 59191 56251 28731 68609 74012
66418 89167 47088 55067 71181 49237 30218 86970 47947 85068
10689 61300 45546 78848 09305 24201

11409/13509/14609 kHz, 08-06/11-06, 0600/0620/0640 UTC

456 456 456 1 456 456 456 1 456 456 456 1
08766 00179 52198 95409 97429 46437 76902 20947 21729 92314
27183 81420 76025 64533 80643 69619 19958 86586 36385 17143
27730 50289 09216 99302 66822 44753 99892 39486 39968 61558
04578 63460 28985 89949 26506 58574 20747 62614 71993 46445
86602 63531 98403 09232 73765 81923 03044 02317 00964 21599
03056 20691 06589 14575 35433 00783 78901 47578 73366 34304
09621 05889 04782 17047 40979 43775 56562 57754 20103 55779
08367 05632 63194 05566 25231 50621 66342 56797 40517 88954
33557 21510 35684 20917 33800 20159 63283 17629 20436 46487
16662 42974 74633 87637 10850 08536 07680 99785 94681 76576
53891 55603 27311 08707 97244 88135 81935 22434 06206 35863
02023 86274 21401 68587 44181 49188 12193 66410 49322 68263
09988 73163 40739 38757 38576 27725 77186 18088 56318 36083
65240 24853 05281 68392 73360 37817 88610 42701 50556 18446
11667 66381 54075 71167 96807 44166 53340 04592 16236 70992
01955 52658 68965 65033 42853 50591 69033 51939 72765 90742
32803 10913 37621 51525 43382 63367 91554 21297 74901 07688
61674 54000 21257 91882 65636 73223 14888 72047 14104 16054
55704 14437

10438/9938/9138 kHz, 14-06, 1730/1750/1810 UTC

491 491 491 000
09306 00001 00000 10140

11409/13509/14609 kHz, 15-06, 0600/0620/0640 UTC

456 456 456 000 09615 00001 00000 10140

10438/9938/9138 kHz, 14-06, 1730/1750/1810 UTC

491 491 491 000
09478 00001 00000 10140

11409/13509/14609 kHz, 18-06, 0600/0620/0640 UTC

456 456 456 000
04694 00001 00000 10140

10438/9938/9138 kHz, 14-06, 1730/1750/1810 UTC

491 491 491 000
05823 00001 00000 10140

11409/13509/14609 kHz, 22-06/25-06, 0600/0620/0640 UTC

456 456 456 1
03062 00191 12119 68955 38714 14788 79845 55343 28933 90289
02197 77623 67967 18144 83290 85841 74679 75827 80472 21342
80323 69449 38521 59415 61153 34368 06533 58189 99808 54029
04662 86035 45736 41603 47823 45880 88312 28836 97647 23516
37673 90096 89268 56833 30844 63170 09731 08364 94003 99685
00660 80980 47929 27434 16526 53248 70378 71065 69426 64796
20522 58440 99432 10774 57217 03995 05577 70689 48680 42620
97703 54583 29512 34488 77279 98514 49075 08394 93101 14403
98071 37374 42592 84830 59533 82802 57330 52120 57722 29768
34833 15143 54694 48214 72453 29231 69042 32002 68512 89095
86141 43289 13170 96842 25191 04265 64853 48266 06042 08073
68172 62223 56186 46289 93606 18738 61590 13873 86443 07383
15984 99907 73126 37448 06276 87838 62579 18547 10640 58495

03846 42619 63032 00007 09308 71287 79400 30007 53762 73680
61514 38872 70648 83324 96692 14115 58639 14824 06394 81578
34595 08364 25343 36135 02705 60978 29551 54208 04341 15245
67882 70460 05650 58588 47044 12447 41799 29638 27122 54584
65111 19213 49988 86863 68872 87448 01175 76907 88570 54449
76320 61036 50872 09907 76315 97750 76690 74858 80949 05246
89599 31435 10107 53600

10438/9938/9138 kHz, 23-06, 1730/1750/1810 UTC

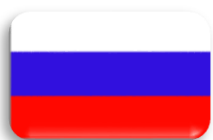
491 491 491 000
07936 00001 00000 10140

10438/9938/9138 kHz, 28-06/30-06, 1730/1750/1810 UTC

491 491 491 1 491 491 491 1 491 491 491 1
02373 00085 75349 69566 52207 68801 74932 45627 59670 06308
36423 89844 69059 87408 45526 93172 97437 65398 46976 32335
10531 12608 74994 58711 91639 73941 57090 84613 45646 98961
48299 35280 03484 52968 39825 12145 23918 58662 57193 13052
81424 54559 66060 39722 97378 87385 90419 21077 97614 28881
84845 59669 15447 40760 95979 60084 57465 38526 37120 14007
57311 52806 59030 84946 38987 43694 24124 59730 40509 20999
88728 87764 63840 74692 95851 04490 46773 27697 05619 12056
51122 76546 75768 21249 81147 14340 71378 31676

11409/13509/14609 kHz, 29-06, 0600/0620/0640 UTC

456 456 456 1 456 456 456 1 456 456 456 1
08762 00197 23554 90115 98973 03083 69169 31188 27901 14277
29255 25338 05519 96479 01446 58781 33143 70366 36507 49605
48919 36627 32656 34712 51158 10468 44457 43259 95093 54851
49584 52459 34917 31994 71048 38992 57502 40454 11841 38370
30820 56540 71436 97086 26620 21481 64698 57050 49590 79608
51184 99490 49479 63162 60208 74163 10555 88622 42014 90497
55378 84951 93494 87264 71353 10094 95060 44424 89401 15309
81696 12210 42203 49662 12375 95363 77297 44693 10454 06110
04790 28102 88785 82125 25217 24292 30318 22038 48747 33729
79341 12951 41773 06853 73819 95379 96748 55561 76513 84623
41398 53112 90497 53786 82569 54892 50823 92268 96431 87554
58399 52620 42320 57769 18772 01490 96082 90278 77218 70495
53360 58648 07922 41873 15165 34599 26406 77095 14170 10879
05330 38046 91523 12787 34299 16988 51446 33360 16488 42512
98752 93662 74402 34773 06304 72670 59675 42677 25572 41075
68120 95365 04688 66190 60256 40874 27086 73718 57373 29710
43605 22675 71716 63960 79972 06878 83811 52278 01932 42440
19620 91655 44564 02164 02647 19096 49450 26224 04861 06491
78009 38679 07196 67679 95716 35429 93635 72140 56409 37210
01605 89145 29203 59043 59167 10613 44746 47085 43218 25001



XPA2

14984 kHz, 02-06, 1920 UTC

02572 00001 00000 10140

16167/14663/13923 kHz, 04-06, 2100/2120/2140 UTC

00367 00117 00889 28260 59131 57752 36747 74427 44453 10418
36530 83153 21898 91417 65942 73956 26441 25488 59632 97390

95219 20062 36294 05724 98670 36366 19982 06730 99883 03505
25119 86642 90942 21937 88937 60449 01333 77158 71070 58493
82026 95752 41588 15192 86060 18945 39553 47425 18455 22703
03363 97308 07406 15071 84299 00972 92894 11876 52481 82432
52625 13650 68907 78492 15808 24809 19534 15670 63264 92987
54412 41364 32001 90905 82660 22390 36866 44566 96958 63667
34704 79353 88356 33546 19398 60314 03369 16097 35860 24853
39961 38262 08706 94927 61936 14798 81232 92481 59008 90374
22649 42282 09496 03853 80112 39875 60924 48670 39899 84832
15761 26252 49519 52190 63223 80285 20463 15729 64651 61447

14738/13438/12138 kHz, 05-06, 2100/2120/2140 UTC

06994 00001 00000 10140

19514/18214/16314 kHz, 07-06/10-06, 0700/0720/0740 UTC

03004 00103 80660 31778 42355 04294 94153 04913 88899 95171
52492 28224 09750 90534 81865 78732 45106 63980 70192 96746
58792 63520 84138 56490 98936 15383 14033 30737 73378 11836
20332 75727 32364 27722 85324 68214 77981 31947 89527 82736
13707 27610 67996 41282 02057 20975 61722 71548 81256 06455
75994 27699 89709 87685 38895 59797 73824 56143 32740 27760
50564 67114 86739 28206 42954 46429 21629 46309 57019 07476
19382 80063 14452 25100 41265 17944 06384 99336 24691 18511
90528 74341 65951 83991 08126 55942 14452 57911 61432 21257
94683 16106 95387 81186 25381 47598 86931 43155 20848 64836
23617 51805 67831 46248 27576 44767

15884/14984/14384 kHz, 07-06, 1900/1920/1940 UTC

09284 00000 00000 10140

14738/13438/12138 kHz, 07-06, 2100/2120/2140 UTC

03103 00001 00000 10140

15884/14984/14384 kHz, 09-06, 1900/1920/1940 UTC

05244 00001 00000 10140

16167/14663/13923 kHz, 04-06, 2100/2120/2140 UTC

07840 00001 00000 10140

14738/13438/12138 kHz, 12-06, 2100/2120/2140 UTC

06743 00001 00000 10140

19514/18214/16314 kHz, 14-06/17-06, 0700/0720/0740 UTC

00949 00179 37691 05161 39954 47641 34361 55668 22853 35119
09717 67219 95548 72226 70445 39785 19619 13015 74827 59090
56193 66420 28472 80435 47881 89841 24505 72572 81397 78556
34978 97721 21293 11020 09177 80511 63025 57530 97960 65193
52098 47320 65060 86780 65556 82209 80085 35297 48446 91599
20801 07150 89631 14295 94831 58175 61502 39821 98483 88379
82949 91353 51505 14069 54847 60647 29364 53437 47349 14452
66346 48714 22359 55726 74461 06754 78264 34982 97767 20686
94547 98763 29852 51686 05652 87763 37524 73488 25258 80582
44271 47422 15462 52041 33161 60782 31957 04493 31940 85254
75673 83027 80561 90758 51023 60574 01463 10882 54934 26804
34499 99722 33119 39044 32328 57571 55697 23760 96777 27079
77944 01758 85884 47701 12232 12249 98385 43679 44772 91284
55326 04848 79258 77328 92287 17486 64325 39547 62200 95687
50525 50055 75009 74855 41582 12708 95985 25300 42880 15346
79787 34109 43652 89471 37978 04376 62188 43956 61327 39827
21020 92169 37253 60125 59438 64336 55375 16941 61489 98026

21666 66917 51102 85157 77924 80861 81027 01061 70429 39461
29752 06026

15884/14984/14384 kHz, 14-06/16-06, 1900/1920/1940 UTC

08807 00239 49419 16455 85760 00430 01082 00214 42008 96099
62240 21277 34851 58503 64990 89086 25957 57775 90331 99744
96252 37235 76824 72571 18612 13248 71130 26397 91022 36176
15407 34350 93093 97209 10588 65112 45049 86456 90203 60285
06571 14552 42563 39491 86507 55831 57050 11331 77387 16778
24339 68412 95514 33369 95162 85516 53111 99222 72265 67744
18688 79567 16703 92111 63673 96125 15820 48141 51480 31224
86252 91470 99617 65728 93259 22266 04927 54656 07504 78825
14788 27005 34414 03145 67608 72320 60928 50855 38435 69281
02776 43626 36079 98071 78540 25118 92317 97251 03000 14742
22823 85144 85730 93851 57520 96863 01219 62881 29126 02755
37681 60872 21685 46674 82979 32931 35448 78165 57117 53484
57205 01167 14729 38134 30980 24279 24078 37736 35018 49593
16670 58284 48755 26881 43280 64908 58265 68662 69419 11013
99676 72371 48455 60691 62582 18912 21294 56068 69261 44741
25473 79041 60569 75482 02479 17683 56352 92224 64608 95444
31933 78931 91578 60935 81698 12068 75093 92696 62227 52817
28632 67125 66812 90028 61862 70713 17638 30314 02480 10341
36494 91142 65410 20973 77786 96050 56255 24094 88417 68899
23435 54967 38969 73091 36674 74781 66101 66183 45876 32692
25154 34043 04237 72106 32247 05559 99722 28608 14810 50829
22767 52997 37312 75709 48150 91121 15155 96861 89273 40091
84372 58985 60163 39463 97286 22076 13571 57730 49794 61728
49657 91152 29529 98889 36893 56324 95325 01619 94851 86323
91836 05337

16167/14663/13923 kHz, 17-06, 2100/2120/2140 UTC

07055 00101 55874 07735 59306 72882 65242 76036 01984 54758
15372 40747 27185 88559 22556 07774 73731 57082 70111 95252
60748 25414 59584 46525 39164 62783 78842 76873 72429 50595
41461 78687 50693 31169 46479 90195 84731 96822 79792 19551
37335 30252 98043 40119 04276 37384 47772 83584 99069 83456
25823 69369 30574 97880 35519 86628 32668 51507 11741 79033
25485 39165 28688 44634 30929 35410 43614 39546 03862 01695
84047 80660 97556 26128 99314 82828 21711 43626 34347 43783
34712 67556 05657 85124 12298 88161 18358 07025 41486 83895
36517 15534 11492 95969 25166 74814 13438 26135 63542 70967
04614 79893 79341 24047

The 2100 UTC transmission stopped before the last group was sent.
The transmitter was restarted but the message was not re-sent.

16167/14663/13923 kHz, 18-06, 2100/2120/2140 UTC

02249 00001 00000 10140

14738/13438/12138 kHz, 19-06/21-06, 2100/2120/2140 UTC

06831 00081 57111 57851 29747 86887 70629 19828 54775 06565
66445 09373 15425 68264 67774 13593 66187 46785 85868 14016
09286 37050 59586 48880 47022 48658 16670 79767 80029 48689
83686 62402 94125 79689 51916 51174 97167 48617 18162 53802
12514 75862 88312 50766 56668 62440 94456 89137 36296 32301
56673 79823 21442 64115 89948 45738 22458 08657 58566 18212
19302 92427 26150 13427 74838 88162 70484 81457 30930 08206
23618 35917 81839 68158 17283 78777 32104 13288 08630 76244
77714 33138 56223 04556

21-06, 2100 UTC

06831 00081 57111 57851 29747 86887 70629 19828 54775 06565
66445 09373 15425 68264 67774 13593 66187 46785 85868 14016
09286 37050 59586 48880 47022 48658 16670 79767 80029 48689
83686 62402 94125 79689 51916 51174 97167 48617 18162 53802
12514 75862 88312 50766 56668 62440 94456 89137 36296 32301
56673 798 the transmitter broke down at this point

19514/18214/16314 kHz, 21-06/24-06, 0700/0720/0740 UTC

07376 00141 76352 14655 33515 82361 85824 81515 10785 83084
61654 72240 72650 22667 84006 04202 30506 46634 85676 76824
05274 13625 29776 75891 75266 91585 93110 48527 41544 09080
69293 73985 79062 60836 85958 89606 06162 77800 25626 92712
65294 39209 32070 87387 56145 96013 45131 53870 05704 77758
17817 67893 01187 65058 01124 46858 31811 21727 81139 27853
74277 02335 66073 59397 05342 06871 34853 84323 54714 33002
41209 97148 38765 26809 78760 30013 00220 53501 62518 83364
07778 60880 91130 03696 88133 04959 36967 76820 02263 73727
73150 00152 14139 52044 39253 89307 78509 94641 36995 64325
10683 81015 27694 54306 17806 00730 23176 75502 68439 67496
31934 11494 23092 87912 99941 98481 83955 94514 21681 35900
41466 23037 87543 01672 01680 48846 63986 66343 59350 93002
36337 06703 27150 25341 87682 48759 93882 35107 13067 23954
89077 95009 89585 35645

15884/14984/14384 kHz, 19-06, 1900/1920/1940 UTC

06862 00001 00000 10140

15884/14984/14384 kHz, 23-06, 1900/1920/1940 UTC

05274 00001 00000 10140

16167/14663/13923 kHz, 24-06, 2100/2120/2140 UTC

08673 00001 00000 10140

16167/14663/13923 kHz, 25-06, 2100/2120/2140 UTC

07103 00001 00000 10140

14738/13438/12138 kHz, 26-06/28-06, 2100/2120/2140 UTC

07352 00057 44510 74546 71811 22898 42918 21169 87311 72187
57659 41685 86636 41191 24008 44965 27193 83073 17837 65731
12030 91590 79321 07345 03733 76399 79994 88956 15455 30557
83517 35299 02344 46612 96470 06242 30632 76302 67734 36018
23491 53302 47979 43880 76861 91029 22569 59148 90058 34954
05440 98824 16214 05586 28578 61158 24950 42649 87028 64507

19514/18214/16314 kHz, 28-06, 0700/0720/0740 UTC

01791 00001 00000 10140

15884/14984/14384 kHz, 28-06/30-06, 1900/1920/1940 UTC

07395 00257 13688 31215 63353 16345 75214 22545 47336 03757
80304 86173 99497 97199 28845 26629 95202 23562 05544 74217
01355 93403 11102 54158 37166 10485 40081 21104 66660 54817
30550 59710 05747 81960 02579 38949 50866 29635 00770 38150
83601 90910 48949 41033 92512 07049 73854 03745 77001 11684
48166 93108 08037 27619 61856 71024 92974 06451 12531 61939
19155 94919 38259 79608 44269 50570 41670 58816 75736 30861
36575 88970 18806 78411 83579 29165 02266 99468 31862 55550
12524 85100 09160 07266 46962 22500 75824 58551 57300 62066
26910 41453 33956 44610 68208 06507 47255 87947 60128 04435
82748 27451 46771 12752 77037 26750 66525 12860 68117 40119

13536 99834 12972 15336 26718 03422 06256 80193 25296 14146
38499 03933 01102 06163 51882 95156 94399 02431 15888 81463
74120 85548 04925 64075 42790 40790 96625 38892 93606 44169
23181 21891 67391 20466 45615 90506 74102 19976 79797 10181
60412 16308 23131 61217 27899 52232 97658 27073 36245 56413
59197 00503 55012 94275 24775 70898 47266 52696 22784 50101
70827 68370 98004 78494 10987 04774 46444 78996 53140 65469
37187 02610 53206 28030 47667 40928 26827 24911 56359 22535
65824 84352 70052 22382 22944 94065 24734 54351 44234 89519
41302 71646 06765 35411 60547 75038 21266 12740 91352 34181
22782 45600 28029 85836 15338 28385 91030 74789 59894 62455
75693 08621 25897 35054 80344 30757 13235 53437 95799 54674
47263 13465 72145 63962 65389 28533 27318 18680 95339 10478
47760 93784 08981 26949 53639 34370 89311 16975 63835 87734
53543 07478 85344 56977 55299 52996 52639 09394 56300 22720



POL-FSK (F11)

13537 kHz, 08-06/10-06, 0530/0535 UTC

0453 0453 0453 0453 0453
88888 88888 86094 21185 82733 60786 29856 14740 16189 63352
32786 05008 98020 48767 52554 65535 45420 74725 85942 87081
86204 66799 01526 66714 31950 60691 38042 58160 25353 12438
93380 63193 87006 96169 87268 10234 41841 41338 34286 41467
36661 88888 88888
00043 00043

14940 kHz, 09-06, 0730/0735 UTC

0433 0433 0433 0433 0433
88888 88888 09284 86939 64264 19871 27370 33996 84102 87524
95010 07232 75590 88557 71468 19719 05046 29537 21814 74332
84289 45603 02665 40004 16308 38231 07116 72952 15888 02367
18478 30402 51875 81857 16301 64611 85156 14324 26587 19282
06020 88888 88888
00043 00043

13470 kHz, 14-06/16-06, 0630/0635 UTC

0574 0574 0574 0574 0574
88888 88888 56278 60555 08928 86730 06432 59530 64499 24156
19113 85665 23545 38324 07641 15019 96140 64309 92371 40828
70765 53728 19280 49905 51302 21928 24331 19308 32169 22871
42135 30727 43273 91540 05694 97863 90449 88888 88888
00039 00039

14757 kHz, 14-06/17-06, 0655/0700 UTC

0684 0684 0684 0684 0684
88888 88888 20578 53878 75669 39941 87015 67227 09894 94667
87681 82596 99199 61662 66623 09290 80053 47912 24610 93602
51186 97144 43158 95860 16726 04989 73735 31644 61776 25372
90947 75129 02633 00451 84694 09305 02628 77927 88888 88888
00040 00040

10210 kHz, 14-06/15-06, 1150/1155 UTC

0325 0325 0325 0325 0325

88888 88888 83934 53092 89946 11772 37727 49947 10255 25454

40078 17317 84748 58365 90849 85830 43227 93930 09995 49390

68168 12750 68331 29334 82583 50185 32363 25228 14668 07972

88038 74839 13646 66371 84023 88888 88888

00037 00037

15690 kHz, 14-06, 1245/1250 UTC

0132 0132 0132 0132 0132

88888 88888 71175 88561 42641 92126 73491 82911 07116 64053

01971 80264 42329 01273 40343 80145 04288 21135 44880 29089

23539 70191 99581 78860 40956 17499 82499 21680 78652 25905

67942 98654 31127 67200 85548 82993 89366 91788 09277 76507

88888 88888

00042 00042

8423 kHz, 21-06/24-06, 0900/0905 UTC

0554 0554 0554 0554 0554

88888 88888 34474 00809 69215 81244 32529 25570 08696 30832

19152 25895 18823 63720 97536 44910 58781 87694 33856 53698

12100 91374 75649 96972 90915 86744 53943 38133 71129 12427

53953 75713 28863 57433 70541 90053 85710 56466 40717 22823

00288 88888 88888

00043 00043

6480 kHz, 23-06, 0800/0805 UTC

0434 0434 0434 0434 0434

88888 88888 79406 60153 47163 65276 98337 46796 77968 07964

20303 40022 91219 70365 04514 91444 08419 31749 66178 73371

99005 99882 78404 75632 50551 09161 46141 91033 12422 44409

13639 02760 00402 85839 72063 31955 10599 88888 88888

00039 00039

13424 kHz, 27-06/28-06 0845/0850 UTC

0353 0353 0353 03533353

88888 88888 71063 59360 87911 90593 00224 54729 50534 80092

35120 19262 65527 48989 71035 24150 04648 94402 93942 79987

14171 56332 94738 37174 99366 49142 16349 57560 09089 95561

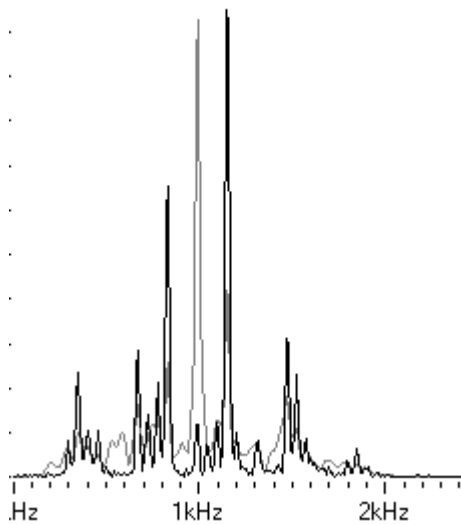
95447 92150 12848 24295 09998 27140 24831 48527 54612 20336

88888 88888

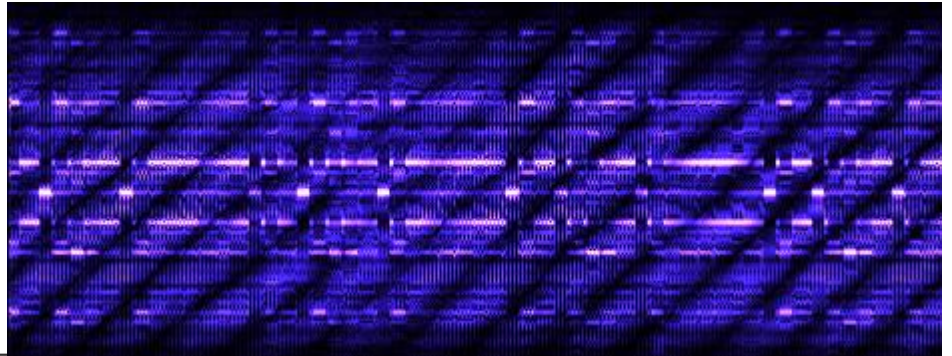
00042 00042



XSL a.k.a. Slot Machine
Japan Maritime Self-Defense Force
海上自衛隊 Kaijō Jieitai



XSL on 29-06 on 4231.5, 6250, 6417, 6445, 8313, 8588, 8703.5 kHz.
 Mode: QPSK 1500Bd



North Korean diplomatic stations

16008 kHz, 26-6, 0840 UTC, North Korean diplo. Mode: DPRK-ARQ 600/600 LSB



Egyptian diplomatic stations

Modes: SITOR-A 100/170 & Codan-9001

Freq	Date	UTC	Details	Mode
14444	7-6	1729	99910: MFA Cairo clg 11105: Egyptian embassy Rome	Codan Chirp
14444	15-6	1838	MFA Cairo clg RCVB followed by hexadecimal message from 71 to Washington	SITOR-A 100/170
14620	14-6	1841	Egyptian embassy Islamabad, hexadecimal code message to 71	SITOR-A 100/170
14622	2-6	1736	MFA Cairo, clg TVXS embassy Manama	SITOR-A 100/170
14628	16-6	2028	MFA Cairo clg RCVB Egyptian embassy Washington	SITOR-A 100/170
14681.7	21-6	2226	MFA Cairo with ATU-80 tfc asking Moscow for QSY to 11033 kHz	SITOR-B 100/170/I
16023	14-6	0739	MFA Cairo clg OOV C Egyptian embassy New Delhi, then into SITOR-B: FMFM FMFMFMFMFMFMFMFMFM MDRS JG KDCFUSG 22281	SITOR-A 100/170
16222	3-6	1328	MFA Cairo, clg TVVY Unid embassy	SITOR-A 100/170
16222	18-6	0839	MFA Cairo traffic after Chirp call to 33318 Djibuti	Codan Chirp
18333	15-6	1851	44405: Egyptian embassy Islamabad clg MFA Cairo selcall 99907	Codan Chirp
19163.7	15-6	0720	MFA Cairo clg OOV C: Egyptian embassy New Delhi. KDPDKJ ODSWJ KBS KDWFSJ LRGK WDSF HUXD +? +?	SITOR-A 100/170



Central African Republic diplomatic stations

16301 kHz, 5-6, 0639 UTC, CW
16301 kHz, 18-6, 0644 UTC, CW

130: Ministry of Interior wkg 101
101 DE 130 CRJ into short simplex traffic

UTILITY ROUND-UP



Driftnet Radio Buoys

All beacons were logged by Paolo.

26500,0	SJO: Driftnet Radio buoys, ID in CW, tone every 2:13 min. (04/06/2016-14:43 UTC)
26540,3	ROZ: Driftnet Radio buoys, ID in CW, long tone (35 sec) every 2:09 min. (02/06/2016-15:00 UTC)
26559,1	GIP: Driftnet Radio buoys, ID in CW, tone every 1:48 min. (02/06/2016-15:13 UTC)
26585,0	MIC: Driftnet Radio buoys, ID in CW, tone every 1:46 min. (04/06/2016-11:28 UTC)
26589,4	CHR: Driftnet Radio buoys, ID in CW, tone every 1:48 min. (02/06/2016-9:44/11:23 UTC)
26590,1	NRW: Driftnet Radio buoys, ID in CW, tone every 1:47 min. (04/06/2016-11:05 UTC)
26605,5	NRW: Driftnet Radio buoys, ID in CW, tone every 1:47 min. (04/06/2016-11:10 UTC)
26630,0	SJO: Driftnet Radio buoys, ID in CW, tone every 2:14 min. (04/06/2016-15:37 UTC)
26649,8	ITA: Driftnet Radio buoys, ID in CW, tone every 1:52 min. (04/06/2016-10:52 UTC)
26650,1	EFSL: Driftnet Radio buoys, ID in CW, tone every 1:46 min. (02/06/2016-11:21 UTC)
26660,1	SJO: Driftnet Radio buoys, ID in CW, tone every 2:14 min. (04/06/2016-14:19 UTC)
26675,2	NRW: Driftnet Radio buoys, ID in CW, tone every 1:47 min. (02/06/2016-9:50 UTC)
26680,2	DDA: Driftnet Radio buoys, ID in CW, tone every 2:12 min. (04/06/2016-14:09 UTC)
26683,8	BOM: Driftnet Radio buoys, ID in CW, tone every 1:47 min. (04/06/2016-14:28 UTC)
26695,3	ADR: Driftnet Radio buoys, ID in CW, tone every 2:13 min. (04/06/2016-14:33 UTC)
26699,7	ROB: Driftnet Radio buoys, ID in CW, tone every 1:47 min. (02/06/2016-9:16 UTC)
26700,4	NRW: Driftnet Radio buoys, ID in CW, (04/06/2016-15:25 UTC)
26705,2	MTI: Driftnet Radio buoys, ID in CW, tone every 1:43 min. (03/06/2016-9:12/11:37 UTC)
26725,2	NTT: Driftnet Radio buoys, ID in CW, tone every 2:13 min. (02/06/2016-9:03 UTC)
26740,1	MTI: Driftnet Radio buoys, ID in CW, tone every 1:46 min. (02/06/2016-8:55 UTC)
26750,1	NRW: Driftnet Radio buoys, ID in CW, tone every 1:47 min. (02/06/2016-8:03/8:47 UTC)
26754,3	EFSL: Driftnet Radio buoys, ID in CW, tone every 1:46 min. (02/06/2016-8:30 UTC)
26755,2	EUR: Driftnet Radio buoys, ID in CW, tone every 1:42 min. (02/06/2016-7:52/8:51 UTC)
26759,2	NRW: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
26759,7	ROB: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
26759,8	NRW: Driftnet Radio buoys, ID in CW, tone every 1:48 min. (03/06/2016-9:30 UTC)
26759,9	MTT: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
26760,0	MTR: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
26760,0	ROB: Driftnet Radio buoys, ID in CW, (01/06/2016-18:42 UTC)
26764,8	ADR: Driftnet Radio buoys, ID in CW, tone every 2:14 min. (03/06/2016-9:38 UTC)
26764,8	HH or FF: Driftnet Radio buoys, ID in CW, (03/06/2016-9:50/15:00 UTC)
26779,9	MTR: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
26780,0	ROB: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
26785,2	ADR: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
26785,2	MIC: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
26790,0	GIP: Driftnet Radio buoys, ID in CW, tone every 2:13 min. (01/06/2016-15:20 UTC)
26794,9	NRW: Driftnet Radio buoys, ID in CW, (02/06/2016-7:41 UTC)
26795,0	MBD: Driftnet Radio buoys, ID in CW, (02/06/2016-7:40 UTC)
26795,3	ADR: Driftnet Radio buoys, ID in CW, (02/06/2016-7:10 UTC)

26805,0 LAU: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
 26805,1 ADR: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
 26820,7 NAN: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
 26825,4 MIC: Driftnet Radio buoys, ID in CW, (04/06/2016-15:31 UTC)
 26859,2 GIO: Driftnet Radio buoys, ID in CW, tone every 1:43 min. (04/06/2016-10:13 UTC)
 26865,2 COM: Driftnet Radio buoys, ID in CW, tone every 1:49 min. (04/06/2016-10:04 UTC)
 26895,0 MTR: Driftnet Radio buoys, ID in CW, (01/06/2016- UTC)
 28059,8 CF: Driftnet Radio buoys, ID in CW, tone every 2:32 min. (04/06/2016-18:24 UTC)
 28076,3 DN: Driftnet Radio buoys, ID in CW, (04/06/2016-18:30 UTC)
 28100,4 SYE: Driftnet Radio buoys, ID in CW, tone every 1:44 min. (04/06/2016-18:12 UTC)



Unid: UVB33

Copied by W2IBC

Can anyone identify station UVB33? It seems to be on the air since mid May.

Frequencies: 6926 and 12025 kHz.

Mode: PSK-63.

Sends VVV UVB33, a code, and then 5-letter groups. No group count! Messages start with ZZZZZ and end with YYYYY followed by the code, UVB33 K. It waits a bit after the transmission and then sends it again, like it is waiting for a confirmation.

This one is from 11-06, 1500z on 12025 kHz

VVV VVV VVV UVB33 UVB33 UVB33 219 219 219
 ZZZZZ FSNBL FULGE EGGUM KFOIU OIQON XWASL SALWN BGOVB MHDTV
 TVIEA USMFB XLBFK XFOAQ OXMAM TLRJF XUNVS IACWQ JMXJH FACFQ
 LOLLN LTUDF CVWGC BVCFB XCUMW XNTGC MLUSO AHCNG BGAQU HNFGC
 UKPTJ USPTX BQSJN SVCUF BHJDH DITLQ NBROQ POBOQ HBCDO JXNPD
 SSHGE USMNL SBLMB WPDAN TGDWR DVTEC ENCUA AMHKX FULDS OUTOU
 ADPBQ EJMRN ILMFN FHIXM NLPXU CALML JCCUV FFRDA GTTME AFVLC
 WVMHI PNWCJ RLEOS TCGEC JEQNV EBDT BBVVO BBURK ILJKM RCIES
 DVWGU DVEQP GFKRC PXOMT FQORH WAFMF AVUXF EXVBK KGTCF NUWIG
 GVSII MGKGS UGGOK JCQDB QKOQC MUDIU TURSS UOABI OAWMN JVICB
 QSHRF ROSFS SSMBC RDVQS KTHUQ PABWJ ABJMC KDADD KSIAA VCMQB
 RAMCJ MPULD IUVDJ ONNTO BBRXJ MVAOC HPROT KABUE LSEEC PERCM
 NUKNP LUCGX BAJLX WILDU MKFGP JRRJV DNGRU UBDBQ QBCIQ QTQDO
 XEUNR NPFSL WKEGD PTQDX VCKTL TNXAB XXJQK AXCAB EIRHM FNMWX
 WGDIL COSSF GVOPV VEIOP AKECX UGBVM QPMEW RHNHU KNRCS TFKTL
 ONKWF IHHFK QGOGH KKVTB TSTLE BLBMA IWXVD JUKCH JMUXR OIATS
 TDEVH DAIXV NAPBE KJHVO OQLJX MKBSH BDLOM RENOM TJFHE LMBMD
 LNGCW JKVSD KONKN AHOCN RKNHQ IIGIH OJHLG RPXHM FGHDX LAUQO
 TCLWO IGMXQ STOLN KIVPG BUFSO TXJAF CPEXC KTIEV VPMWK KVAKJ
 WHTRC TSDTG EEWJJ KCPLB UMPNW QTGQH QLSNG AMBMN XPXGU AUQQA
 VUJKR XSGLE SUTTV XHFRO JIWDJ RQPMH NAMLS TSUHI LXFKL VIIHM
 QLTUA TVUMK PODOF EKTSE NCGMH XPJQH SSPSF PIAEW HCVUO SBWSX
 JFXLR SEDIK FECVH HLXUQ PNBFM KITOO DXATT BTPEQ MXNKR EBNGH
 RHGKQ BBGLF IXAEJ VKTLM VLJNS EXKCV NKUGR SIKFA TFUWB NWHHM
 BWEEC ILBAE GECIL AXWIK PMDQU QOADR QDDCO CGAGU RJJDJ TURRS
 FERKR TQMWL CTPJQ SKUWM EEHCQ CCKGO TAQIU RBJFJ FFTRI RLSBB
 PTPME SHSHW KUFVW DJHLE BVPOG IKOLQ XGJOP OWNVA XDIMR XDNSC
 KRSCC AQUKV IRWII UWTJN WSCRD UXQER AMOVL SLVGP CPIGC CIVOP
 CWKSQ KAHCQ PQMBL XKJDH NLRPC ADENP NXGGZ YYYYY
 219 219 219 UVB33 UVB33 UVB33 K

6926 kHz, 14-06, 0048 UTC, PSK-63. 4 messages were sent. This is the final one.

VVV VVV VVV UVB33 UVB33 UVB33

181 181 181 335 335 335 262 262 262 103 103 103

ZZZZZ 00000 00000 00000 YYYYY

181 181 181 335 335 335 262 262 262 103 103 103 UVB33 UVB33 UVB33 K



```

VVV VVV VVV M2V DE CVP QSY QSY .. 91009..00 9100 9100 ... K
VVV VVV VVV M2V DE CVP QSY 9500 9500 9500 9500 K
VVV VVV VVV M2V DE CVP QSY QSY 8250 8250 8250 8250 QSY 8250 8250 K

```

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
6G2D DE J56P
+781 COL +781 88 COL 88 +?



<http://freebeacon.com/national-security/moscow-building-spy-site-nicaragua/>

RUSSIAN MILITARY TRANSCRIPTS

RMv/RNv/RNAv/RAv
Russian military stations

Frequency: various Mode: USB / voice

RMv – Russian Military

ROBIN-63 clg YAVAT-53 KARABAT-04
POWARAK-90 clg KALIBOT-44
KARAT-77 clg outstations
DISEL-39 clg outstations OZIL-75 BOLUM-08
PROZAH-86 clg DEBOK-15 PRODOZ-76 DIESSAM-81
VARTA-31 clg EDART-39, ARTSIEK-07, RAM-51, SELECTA-40, KANAL-76
GAZON-55 clg GROUP-14, PITSOL-31, PITSOL-32, PITSOL-33, PITSOL-34, PITSOL-35,
PITSOL-36, PITSOL-37, PITSOL-38, PITSOL-39, PITSOL-40
GORKA-54 clg VARAT-23, CHAKTIOR-56, FALOP-43
DRAG-91 clg CRAKOR-96
GORKA-54 clg VARAT-23, CHAKTIOR-56, FALOP-43
VARTA-31 clg EDART-39, ARTSIEK-07, RAM-51, SELECTA-40, KANAL-76
STEKI-42 clg TOMAL-68
ROZEN-63 clg outstations
RAPIR-43 clg GROUP-03
PRIZMA-17 clg PRIZMA-9010

2682 kHz, 22-06, 1904 UTC
4929.5 kHz, 23-06, 0501 UTC

KOJUR-83 clg CLAYA-27, GENIAR-50
PROVAT-37 clg RADIO-73, SIENA-09

RNv – Russian Navy

8267 kHz, 03-06, 0605 UTC
4940.5 kHz, 23-06, 0454 UTC
16603 kHz, 22-06, 1340 UTC

BUKSOL clg NAGORYE, ZABOR, PRAZAY, LENIR, PRINO
GARANTIYA (RIQ88) clg GANILA (RAI63) Comms checks and message
AGITATOR clg GVOZDIKA (sends message)

RNAv – Russian Navy Air Transport

RAv – Russian Air Force

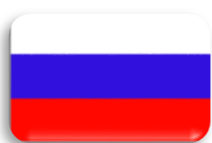
8909 kHz, 06-06, 1808 UTC
18030 kHz, 16-06, 1300 UTC

Russian Air Force OCHISTKA wkg 63331, 63333, 12524
Russian Air Force KORSAR clg POLOTNO KASTEN

RADv – Russian Air Defense

4770.5 kHz, 01-06, 0939 UTC
4380 kHz, 03-06, 0611 UTC
2603 kHz, 08-06, 0352 UTC
4038 kHz, 13-06, 2049 UTC
3884 kHz, 16-06, 0439 UTC
5151 kHz, 16-06, 0903 UTC
2300 kHz, 23-06, 0352 UTC

Tracking (Russian Voice)
Tracking (Russian Voice)
Tracking (Russian Voice)
Tracking (Russian Voice)
Tracking (Russian Voice)
Tracking (Russian Voice)
Tracking (Russian Voice)



M32

Russian / CIS Military CW Stations

4633.5 kHz, 01-06, 0634 UTC
15808 kHz, 01-06, 1202 UTC
4784.5 kHz, 06-06, 0431 UTC
4034 kHz, 09-06, 0505 UTC
6513.5 kHz, 10-06, 1409 UTC
16228 kHz, 12-06, 0800 UTC
16228 kHz, 14-06, 1130 UTC
8109 kHz, 17-06, 0731 UTC
14552 kHz, 17-06, 0815 UTC
14552 kHz, 17-06, 0930 UTC
14552 kHz, 17-06, 1005 UTC
16223 kHz, 17-06, 0940 UTC
16223 kHz, 17-06, 0951 UTC
4449 kHz, 22-06, 1746 UTC

XXX FAKZ MUVNISTX 8677 K (01juin16) (F5JBR)
XXX XB2M 36676 SPOROPION 1246 8505 K //14552 //16223 kHz
ALGETA-43 clg BRIK-43, MALGA-46, STOVAK-31, KABEL-63, OLIFA-21, ROULOT-66
LDBO QTC DDDDDD
RAPIDOK-43 Clg AIWA-21
XXX LR43 TENIÛESKAÂ PROWERKA 592 K
XXX LR43 TENIÛESKAÂ PROWERKA 540 K
RGT77: XXX ... ILOMOL 9973 1572 K
RGT77: XXX N1DX 39472 PADEV 6734 2988 K //8109 kHz
RGT77: XXX N1DX 45791 PLODOZOLX 3721 4811 K //16223 kHz
RGT77: XXX 69BV 31703 PEDAGOG 8074 9449 K //16223 kHz
RGT77: XXX G25O 83179 AWTOPROBEG 3436 8557 K //14552 kHz
RGT77: XXX CSWY 19262 SADOWERH 7821 6355 K //14552 kHz
7LJF: XXX GJBW 41755 BEZPOÂSINK 3801 5693 K

15804 kHz, 17-06, 1438 UTC

Modes: messages in CIS-12/AT3004D/USB and opchat in Morse

9DBK de YAJQ QRJ 3 AR

5268 kHz, 17-06, 0215 UTC

RDL RDL RDL

11111 77635 54667 53800 53800 03174 90737 88234 99021 68254
81802 86075 33786 04559 61664 42114 61566 94146 70344 87711
19548 47792 38493 86901 11645 26911 53799 71281 70036 03789
27562 27842 36486 68569 17302 90685 49345 25361 89857 65717
43735 29237 33769 39083 66467 17818 73034 19888 64544 18284
18705 27296 83975 16926 39875 14309 55078 04856 20164 87342
20165 61020 80135 60719 80789 65411 44716 88856 67010 82442
35972 72605 09882 37867 31333 83968 44529 06948 96185 17916
17931 58717 89797 40022 75946 65077 58072 73909 10067 58151
97831 35957 96319 01589 24042 56330 86089 25165 47854 44883
29717 73020 02954 93228 17258 80222 65721 45911 59976 62346
40608 13840 03246 45022 24744 38044 63721 65880 86633 16891
50092 29043 02641 32663 98842 52653 15754 27406 21216 05317
13559 02142 44941 36871 96188 25253 90252 88165 32663 92731
41555 86110 24195 79849 95839 99492 43239 93206 16148 K

5268 kHz, 17-06, 0229 UTC

RDL RDL RDL

11111 25170 74228 17574 17574 62368 17121 07347 68073 55662
26413 88738 48602 49650 86596 24538 54044 97727 27538 75137
49185 96441 06625 96536 57032 41488 84711 04371 16207 95002
60661 99575 04045 00203 93870 03995 35415 18941 48899 33985
49670 26780 41847 02131 03826 77216 23995 37136 32204 98103
95182 10708 34194 30634 47141 21846 44470 83659 44792 18875
35819 63239 99096 66771 66019 05791 98179 22549 17068 K

11075 kHz (9HBK) / 15804 kHz (YAJQ), 19-06, 0651 UTC. Messages in FSK 50/250. Opchat in Morse

YAJQ de 9HBK K

9HBK de YAJQ K

9HBK QRJ 3 QRJ ? K

YAJQ QRJ 3 K

9HBK QTC K

YAJQ QRV K

9HBK 182 356 190938 182 = FM 903354 FOR 842162 = PWNIA OWWRS QKÛIS ÂOÂTE

9HBK QJB1 K

YAJQ OK K

9HBK sends message in FSK 50/250

YAJQ repeats the message in FSK 50/250

9HBK C K QTC K

YAJQ QRV K

9HBK 015 52 19 0942 015 = FM 904354 FOR 842262 =

PWKII VZUKE AKRTÔ SAUPU IYWPE MVQYG MNTPK ESPGO ... ÂOPRO RPT K

YAJQ 015 52 19 0942 015 = FM 904354 FOR 842262 =

PWKII VZUKE AKRTÔ SAUPU IYWPE MVQYG MNTPK ESPGO (rpt msg)

9HBK C AR

YAJQ AR



M32a
Russian Navy
Voyenno-Morskoy Flot Rossii

4598 kHz, 03-06, 1802 UTC

RJC66 de RKI90 QSA ? QTC K and 229 15 3 2102 229 =

SML FOR RJH45 RJD38 = 03181 99570 10204 43698 23408 10164 40146 57013 70100 23030 22243 03011 =

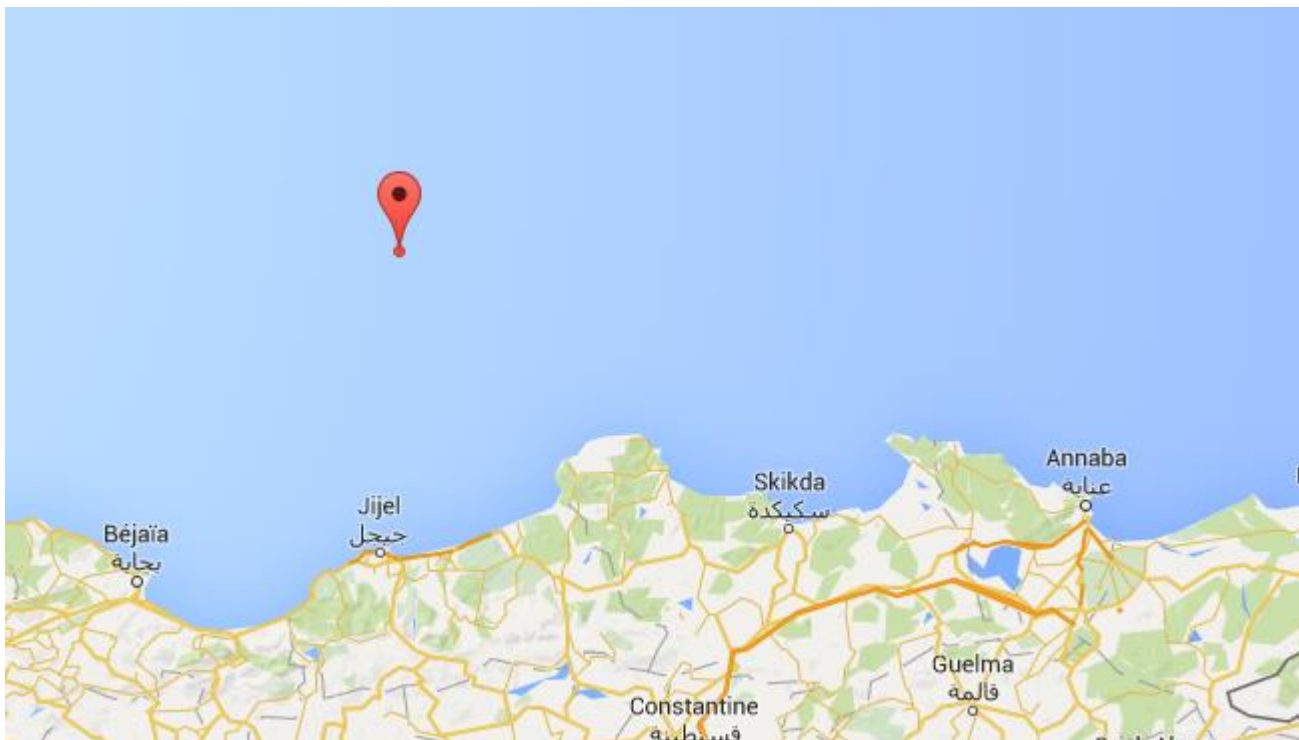
AR RKI90 K

12464 kHz, 13-06, 1805 UTC

RCV DE RLA88 306 19 13 2100 306 = SML FOR RJH45 RJE73 = 13181 99375 10058 41/98 22605 10265 40104 58015 70122 81630

22261 00210 20000 334// 40701 13015 = + RLA88 K

Position: 37.5N 05.8E Heading West at 1-5 Knots



3852 kHz, 14-06, 2107 UTC

RMCW wkg RCV: QTC SML FOR RJE73 RFH45 =

14211 99446 10353 43998 32504 10208 40033 54000 80342 22261

00210 20001 313// 40401 115014 =

AR RMCW

3852 kHz, 14-06, 2122 UTC

RJE65 de RBFZ QSA ? QTC K 074 42 15 0010 074 = FOR RCV RJF81 RJE65 =

11111 23824 32701 69427 98593 13386 38974 74036 33559 47905

28514 46239 05329 31196 82893 12951 70622 37666 42674 92221

74384 13703 45670 96445 93807 71354 64547 98186 91963 01779

94392 18872 06942 92184 85402 21888 92626 46100 15038 =

AR RBFZ

RJD99 NETWORK monitored by André

Frequency: 3683, 4598, 4625.5 kHz - Simplex

Net: RJD99

Outstations: X1SU, FQAN, RIP93, RBC89, RAY85, RCQE, RAS82

3683 kHz, 10 -06, 1712 UTC

X1SU de RJD99 QSA 3 QRV K

X1SU (QSA 0/1) ...

RJD99 R 016 K

X1SU OK QRU SK

3683 kHz, 11-06, 1503 UTC

FQAN de RJD99 K

FQAN de RJD99 K

FQAN de RJD99 K

FQAN de RJD99 K

(no response)

3683 kHz, 11-06, 0612 UTC

RJD99 wkg RIP93

3683 kHz, 11-06, 1701 UTC

X1SU de RJD99 K

X1SU QSA 3 QTC K

RJD99 QSA 1 QRV K

X1SU QTC NR 017 09 11 1530 017 = 4444 0249 0343 0260 0090 0900 0090 0060 0630 = R ? K

RJD99 R 017 K

3683 kHz, 11-06, 1705 UTC

X1SU NR 018 (QRM USB STATIONS)

RJD99 R 018 K

3683 kHz, 11-06, 1710 UTC

X1SU 019 10 11 1600 019 = 4444 0949 0346 0000 0060 0055 0000 1109

RJD99 R 019 K

3683 kHz, 11-06, 1715 UTC

X1SU 020 10 11 1610 030 = 4444 0178 0383 0190 0193 0800 0090 1355 0040 1600 = ...ELEXBO.. = QTC K

RJD99 R 020 K

3683 kHz, 11-06, 1720 UTC

X1SU 021 11 11 1800 021 = 4444 (QRM USB STATIONS)

RJD99 R 021 K

X1SU OK QRU K

4625.5 kHz, 11-06, 1801 UTC

RJD99 de RBC89 QTC SML FOR RJD90 RJH74 – Location: 11181 99665 10407

4625.5 kHz, 11-06, 1805 UTC

RJD99 de RAY85 QTC SML FOR RJH74 RJD90 - Location: 11181 99658 10381

4625.5 kHz, 11-06, 1827 UTC

RJD99 de RCQE QTC SML FOR RJH45 RJH74 - Location 11181 99651 10..5

3683 kHz, 12-06, 0500 UTC

RJD99 de FQAN K

FQAN de RJD99 QSA 3 QSA ? K

FQAN
 RJD99 QRV K
 FQAN 001 8 12 0800 001 = 4444.....
 RJD99 NR 001 RPT 345
 FQAN 0424 0193 0023 = K
 RJD99 R 001 K
 FQAN 002 09 12 0800 002 = 4444
 RJD99 R002 K
 FQAN = 003 11 12 0800 003 = 4444 0275 0356 0000 0280 0090 0160 0730 0800 = RNARHANGELXSK = R ? K
 RJD99 NR 003 RPT 7 K
 FQAN = 0160 = K
 RJD99 R 003 K
 FQAN = 004 03 12 0800 004 = 7777 0701 0800 = R ? K
 RJD99 R 004
 FQAN = 005 03 12 0800 005 = 6666 0501 00800 = R ? K
 RJD99 R 005 K
 FQAN = 006 04 12 0800 006 = 00103 70511 22655 00000 = R ? K
 RJD99 R006 K
 FQAN QRU SK

RIP93 de RJD99 QSA3 QRV K
 RIP93 = 022 03 12 0800 022 = 6666 0601 0800 = R ? K
 RJD99 R 022 K
 RIP93 = 023 03 12 0800 022 = 7777 0701 0800 = R ? K
 RJD99 R023 K
 RIP93 = 024 04 11 0800 024 = 00305 70711 09080 090.. = R ? K
 RJD99 R 024 K
 RIP93 QRU SK

RJD99 de X1SU K
 X1SU de RJD99
 X1SU QTC 022 11 11 0550 022 = 4444 0290 0340 0000 0.....
 RJD99 R 022 K
 X1SU ...

4598 kHz, 12-06, 0605 UTC

RJC66 de RGZ52 QSA ? QTC SML FOR RJD38 RIF4 = 12060 99599 10277 = AR RGZ52 K

4625.5 kHz, 12-06, 0604 UTC

RJD99 de RAS82 QSA ? QTC SML = FOR RJD90 RJH74 =
 -Location: 12061 99656 10398

4625.5 kHz, 12-06, 0612 UTC

RJD99 de RCQE QTC SML FOR RJH45 RJD90 – Location: 12060 99651 10360

4625.5 kHz, 12-06, 0617 UTC

RJD99 de RAY85 QTC SML FOR RJH74 RJD90 - Location: 12061 99663 10360

3683 kHz, 12-06, 1300 UTC

RJD99 wkg FQAN, RIP93, X1SU

3683 kHz, 12-06, 1502 UTC

RJD99 wkg FQAN, RIP93, X1SU

3683 kHz, 12-06, 1659 UTC

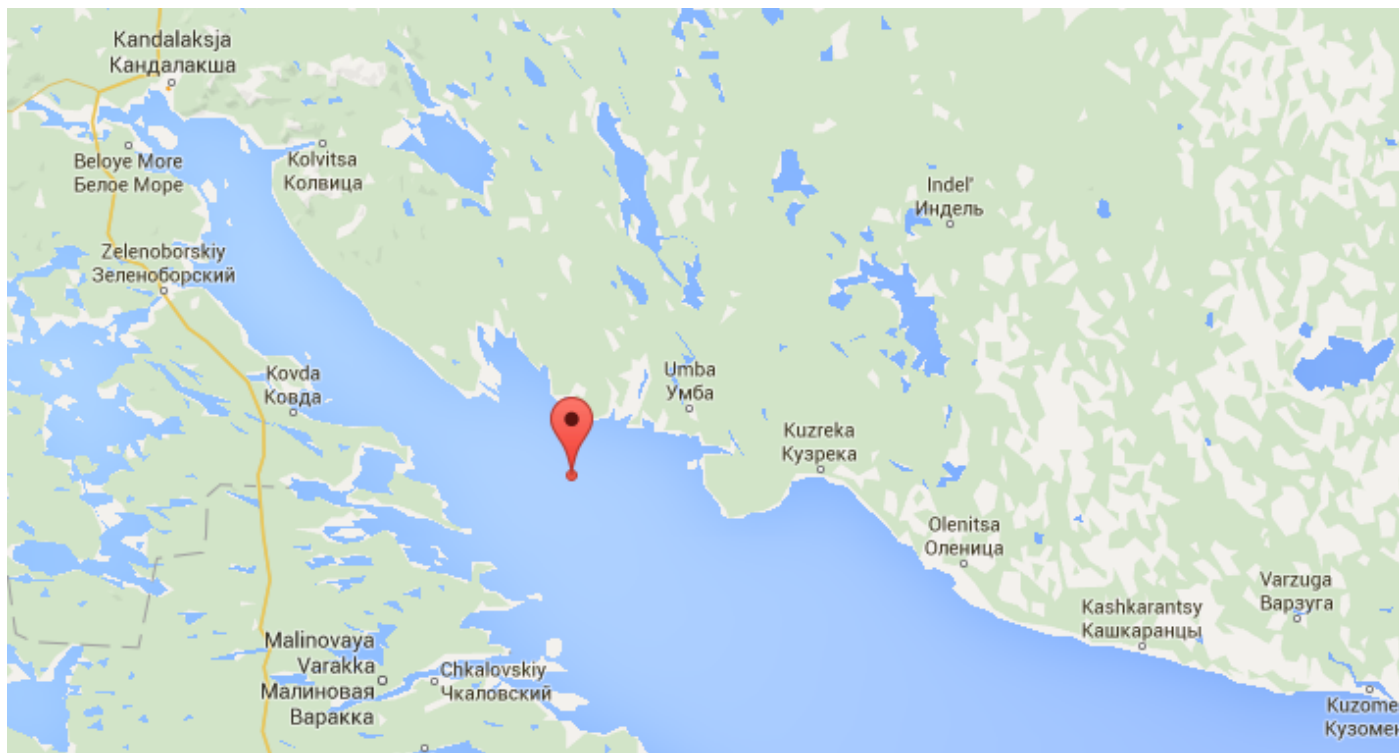
RJD99 wkg FQAN, RIP93, X1SU
 FQAN = 012 4 12 2000 012 = 09805 40322 55555 00000 R ? K
 RJD99 NR 012 RPT TXT K
 FQAN QSA 0 RPT K
 RJD99 NR 012 RPT TXT K

FQAN QSA NO SK
RJD99 SK

3683 kHz, 12-06, 1900 UTC
RIP93 clg RJD99

4095.5 kHz, 14-06, 1523 UTC
RJD99 de RAY85 QTC 175 17 14 1810 175 = FOR RJH74 RJD90 =
14151 99666 10339 41498 60000 10100 40060 52010 70211 86210
22232 00081 20101 88000 14014 =
AR RAY85 K

Position: 67.101130, 34.229542 Murmansk Oblast



4095.5 kHz, 14-06, 1805 UTC
RJD99 de RAY85 QTC 175 17 14 1810 175 = FOR RJH74 RJD90 =
14151 99666 10339 41498 60000 10100 40060 52010 70211 86210
22232 00081 20101 88000 14014 =

4095.5 kHz, 14-06, 1810 UTC
RJD99 de RCQE QTC 729 32 14 2105 729 = SML FOR RJD99 =
11111 02003 90824 04366 02009 11995 98024 58274 41754 37722
10926 36744 03112 30415 19269 88997 44402 43265 12931 35887
78211 08789 83014 79454 48336 78769 16949 40061 52864 14029 =
AR RCQE K

4095.5 kHz, 14-06, 1814 UTC
RJD99 de RCQE QTC 667 17 14 2106 667 = SML FOR RJH45 RJD90 =
14180 99650 10363 41398 40804 10080 41004 52010 70222 83228
22242 00040 20301 14013 =
R RCQE K

3683 kHz, 14-06, 2100 UTC
RJD99 wkg FQAN, RIP93, X1SU

4095.5 kHz, 14-06, 2108 UTC
RAS82 wkg RJD99

4095.5 kHz, 14-06, 2115 UTC

RJD99 de RAY85 QTC 907 17 15 0001 907 = FOR RJH74 RJD90 =
 14211 99666 10341 41498 30705 10080 40060 54000 70311 82210
 22200 00080 20101 88000 15014 =
 AR RAY85 K

3315.5 kHz, 23-06, 0445 UTC

XXX RJV 47781 KANMIJ 5965 4274 K



M32b
Russian Naval Aviation
Aviatsiya Voenno-morskogo Flota Rossii

8816 kHz

09-06, 1111 UTC RJF94 RJC38 DE 75155 QTO 1100 QRD XLMV XLAA QBD 15000 QRE 1210 K
 09-06, 1808 UTC RJF94 RJC38 DE 54452 QTH 6622 3334 QTR 1804 QBD 17400 QBG 7000 K - QAY XLPB 2012 QBD
 15400 QBG 7000 QRE XLWF 2110 K - QQM XLWF 2055 SK
 09-06, 2126 UTC RJF94 RJC38 DE 54452 QTO 2114 QRD XLMV XLWF QBD 12000 QRE 2345 K
 15-06, 0736 UTC RJF94 RJC38 DE 30770 QTO 0725 QRD XUMU XLMV QBD 5200 QRE 1140 K - QTH 6535 3406 QTR 0820
 QBG 5800 K - QSA1 COL QTH 6535 3406 QTR 0820 QBG 5800 K - QTH 6117 3700 QTR 0925 QBD 2900 K.
 QTH 5742 3758 QTR 1005 QRE XUMU 1150 K - QQM XUMU 1055 SK
 15-06, 0958 UTC RJF94 RJC38 DE 09481 QTO 0947 QRD XLWF XRKE QRE 1320 QBD 15200 K - QTH 4949 4105 QTR 1047
 QBG 6700 K - QTH 5414 3854 QTR 1144 QBG 6700 K - QRE XLWF 1250 K - QQM XLWF 1252 SK
 15-06, 1339 UTC RJF94 RJC38 DE 30770 QTO 1330 QRD XUDI XUMU QBD 5000 QRE 1450 K - QQM XUDI 1435 SK
 15-06, 1622 UTC RJF94 RJC38 DE 09481 QTO 1401 QRD XLAA XLWF QRE 19600 QBD 1535 K - COR QRE 1535 QBD 19600 K.
 QTH 6319 3955 QTR 1501 QBG 6000 K - QQM XLAA 1532 SK
 15-06, 1622 UTC RJF94 RJC38 DE 30770 QTO 1615 QRD XLMV XUDI QBD 5100 QRE 2015 K - QTH 6001 3745 QTR 1715
 QBG 5500 K - QTH 6313 3546 QTR 1815 QBD 3500 K - QTH 6645 3316 QTR 1915 QBG 5500 QRE XLMV
 2015 K - QQM XLMV SK
 15-06, 1755 UTC RJF94 RJC38 DE 09481 QTO 1745 QRD XLMV XLAA QRE 1905 QBD 9600 K - QTH 6756 3459 QTR 1845
 QBD 6100 K - QQM XLMV 1906 SK

16680 kHz, 17-06, 1219 UTC

RLA88 wkg RIW. QTC 213 17 17 1502 213 = SML FOR RJH45 RJE73 =
 17121 99358 70046 41/97 32809 10205 40184 53017 70300 82500 22262 00210 20000 17013 = AR RLA88 K

Position:





M32c
Russian Air Force
Voyenno-vozdushnye sily Rossii

8895 kHz, 06-06, 1800 UTC W-markers: Tu-95MS Bear H net
8895 kHz, 10-06, 0640/0740/0800/0820/0840/0900/0920/0940/1200 UTC: W-markers: Tu-95MS Bear H net
8895 kHz, 10-06, 1211 UTC OY9K DE TV6P QSA 4

13479 kHz, 17-06, 0818 UTC	XXX 1QRF 50216 PADEV 6734 2978 K
13396 kHz, 17-06, 0819 UTC	XXX N1DX 72163 WSKRIK 9092 2505 K
13479 kHz, 17-06, 0820 UTC	XXX 1QRF 92748 WKSRIK 9092 2505 K
16223 kHz, 17-06, 0900 UTC	XXX 1QRF 82074 INGUCH 8116 3842 K
13479 kHz, 17-06, 0938 UTC	XXX G25O 54499 PONGOLOG 89574265 K
13479 kHz, 17-06, 0943 UTC	XXX G25O 83179 AWTOPROBEG 3436 8557 K
13479 kHz, 17-06, 0954 UTC	XXX APT5 04938 TAZODERN 3436 6770 K
13479 kHz, 17-06, 0955 UTC	XXX G25O 26484 SADOWERH 7821 6355 K
13479 kHz, 17-06, 0957 UTC	XXX MSS9 19978 SYÖOKLAN 4156 9358 K
13479 kHz, 17-06, 1002 UTC	XXXX G25O 21146 SNEGIRX 8310 6546 K
13479 kHz, 17-06, 1010 UTC	XXX G25O 03028 PEREDAÔA 2059 0648 SYNOCHIP 8367 6150 K
13479 kHz, 17-06, 1013 UTC	XXX G25O 23659 ZEFIR 9382 3545 K
13479 kHz, 17-06, 1018 UTC	XXX G25O 93207 GORNOBLEF 9795 9500 K
13479 kHz, 17-06, 1021 UTC	XXX G25O 70356 PUCHNOJ 9787 2723 K
13479 kHz, 17-06, 1023 UTC	XXX G25O 90026 GALOÏIJ 4156 9358 K
13479 kHz, 17-06, 1026 UTC	XXX G25O 86448 REÏNOJ 5064 1535 K
13479 kHz, 17-06, 1028 UTC	XXX G25O 86194 GRUMOSERP 7513 4804 K



**JCS FOXTROT MESSAGES &
EMERGENCY ACTION MESSAGES**

Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

Frequencies: 4724, 6712, 6739, 8992, 11175, 13200, 15016 kHz

16-06, 1227 UTC	Encompass	30 chr EAM for Shrimp Boat FNWVVQ CVF3KXFLCSMI6VXMMTWNMVNU
16-06, 1240 UTC	Encompass	30 chr EAM for Shrimp Boat FNI5CU 2HH6YIBZPENU3QG5SH2LSIWP
16-06, 1342 UTC	Encompass	30 chr EAM T2QCC7 NI24HJTCSRRAWUNGNGC7ULE5
16-06, 1422 UTC	Encompass	30 chr EAM T2D2M6 3SCFHZUDII6TEW7RL6KPCUVC
16-06, 1654 UTC	Encompass	Skyking Skyking do not answer. Dolphin. Time: 54 Auth: NR
16-06, 1702 UTC	Encompass	30 chr EAM for Love FN6NQN ULOJLCYBUGC3LVSPD3O73VEV
16-06, 1711 UTC	Encompass	30 chr EAM for Clod-91 FNJB7M J3FLEKNEWW32LLRF2W2BSE3E
16-06, 1726 UTC	Encompass	30 chr EAM for Love FNEGLF GNFS4DKZBLFDYYJ3KKXPIMDZ
16-06, 1731 UTC	Encompass	30 chr EAM T2GHJ6 WYURRSGPSUL6CPHRHN6AGBBS
16-06, 1830 UTC	Proclaim	30 chr EAM for Love FNPW3Y 32KCK72YGUNR5ZAUBU7AGPPY
16-06, 1900 UTC	Proclaim	30 chr EAM for Love FNFBNO YAZ6BKXTAZKAB62M3NEXWSZS
18-06, 1339 UTC	Bonefish	30 chr EAM SADETS GNDYALROOSGAT5PU3NXXKIR3L
18-06, 1351 UTC	Bonefish	30 chr EAM SAPASX YFCXILPLD6XIWSL22V2CAUWW
18-06, 1357 UTC	Bonefish	30 chr EAM SA56SH Z247LSAKUMB4HDVYYZMF5OZW
18-06, 1416 UTC	Bonefish	30 chr EAM for Clod-04 FNK20X U2HHSLSVSVFRYIZOCDGTPYJR
18-06, 1446 UTC	Bonefish	30 chr EAM SAQFCG S7AQDA76FWCEZTXE6DICZQZQ
19-06, 0905 UTC	Blueberry	30 chr EAM FNZOKO GITVCAZQXBONLQSFANZADSHE
19-06, 0924 UTC	Blueberry	30 chr EAM SAFZ5J OYX6P6VK2RR5GL5HGVSYTDCC
19-06, 0928 UTC	Blueberry	30 chr EAM SADWNS GZH3Z6OPWXGUDMEZLC37V752
19-06, 0933 UTC	Blueberry	30 chr EAM FNJAQC B7XVTS4OIXFKX5INTWO7JIB3 Disregard this message
19-06, 0935 UTC	Blueberry	30 chr EAM for Default FNJAQC B7XVTS4OIXFKX5INTWO7JIB3 Disregard this message
19-06, 0941 UTC	Blueberry	30 chr EAM for Default FNJAQC B7XVTS4OIXFKX5INTWO7JIB3

19-06, 1024 UTC	Blueberry	30 chr EAM SALWTL SM7QCX4ZXAGAM2D7DO4FNOXU
19-06, 1859 UTC	Pillsbury	123 chr EAM TZ4FUH ZQSHJAAK4TCGUL3NARSB6UZJWNZ2EIFTY3Z3CGW4JO7OGIOO POXTGX2S6ZZZZWO2NVAX05XALMEQMHHMQEEEMHD27SHOSR3MCAQADFXWWW WPQD7QPG6ZB
19-06, 2033 UTC	Pillsbury	30 chr EAM SAVVCK UG4IENUKCCS3HVS0V47AXPKF

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Ctrlb
---	9153	7-6	0906	Tue	VVV M2V DE CVP QSY QSY .. 91009..00 9100 9100 ... K	CW	(JPL-HK)
---	4163.4	15-6	1832	Wed	RYYRYRYRYRY 6G2D DE J56P +781 COL +781 88 COL 88 +?	Baudot 75/300	(WP3)
CAF	16301	5-6	0639	Sun	130: Ministry of Interior wkg 101	CW	(F5JBR)
CAF	16301	18-6	0644	Sat	130: Ministry of interior. 101 DE 130 CRJ into short simplex traffic	CW	(PPA)
DP01	8116	22-6	0930	Wed	Russian intel.	16.5Bd MFSK-16 / 2x 62.5Bd QPSK	(qsr711)
DPRK	16008	26-6	0840	Sun	North Korean diplo	DPRK-ARQ 600/600 LSB	(AAI)
E06	13985	2-6	0500	Thu	328 649 105 71285 82353 99919 ... 93405 20491 58221 649 105 00000	USB	(AB/HFD)
E06	15830	2-6	0600	Thu	328 649 105 71285 82353 99919 ... 93405 20491 58221 649 105 00000	USB	(AB/HFD)
E06	13985	16-6	0500	Thu	328 649 105 71285 82353 99919 ... 93405 20491 58221 649 105 00000	USB	(AB)
E06	15830	16-6	0600	Thu	328 649 105 71285 82353 99919 ... 93405 20491 58221 649 105 00000	USB	(AB)
E06	13985	17-6	0500	Fri	328 649 105 71285 82353 99919 ... 93405 20491 58221 649 105 00000	USB	(AB)
E06	15830	17-6	0600	Fri	328 649 105 71285 82353 99919 ... 93405 20491 58221 649 105 00000	USB	(AB)
E06	5731	17-6	2130	Fri	724 569 63 14259 22676 32782 ... 32333 43433 54545 569 63 00000	USB	(AB)
E06	14689	18-6	1100	Sat	E06 in place of M42d: 832 604 58 09497 24481 51174 ... 92096 56255 03662 604 58 00000	USB	(AB/Danix/qsr711)
E06	12143	18-6	1200	Sat	E06 in place of M42d: 832 604 58 09497 24481 51174 ... 92096 56255 03662 604 58 00000	USB	(AB/Danix/qsr711)
E06	14689	19-6	1100	Sun	E06 in place of M42d: 832 604 58 09497 24481 51174 ... 92096 56255 03662 604 58 00000	USB	(AB/qsr711)
E06	12143	19-6	1200	Sun	E06 in place of M42d: 832 604 58 09497 24481 51174 ... 92096 56255 03662 604 58 00000	USB	(AB/qsr711)
E07	14842	1-6	1700	Wed	841 1 884 41 40735 28532 30128 ... 10431 92392 37025 000 000	AM	(MPJ/PPA/HFD)
E07	13442	1-6	1720	Wed	841 1 884 41 40735 28532 30128 ... 10431 92392 37025 000 000	AM	(MPJ/HFD)
E07	12142	1-6	1740	Wed	841 1 884 41 40735 28532 30128 ... 10431 92392 37025 000 000	AM	(MPJ/HFD)
E07	15824	1-6	1900	Wed	865 1 837 35 99245	USB	(HFD)
E07	14624	1-6	1920	Wed	865 1 837 25 99245 71174 46671 ... 28727 40617 87534 837 25 000 000	USB	(HFD)
E07	13524	1-6	1940	Wed	865 1 837 25 99245 71174 46671 ... 28727 40617 87534 837 25 000 000	AM	(MPJ/HFD)
E07	12213	2-6	2010	Thu	273 273 273 000	USB	(HFD)

E07	10714	2-6	2030	Thu	273 273 273 000	USB	(HFD)
E07	11464	4-6	0640	Sat	024 1 296 70 90750 26419 30367 ... 20206 56823 07232 000 000	USB	(F4LKC)
E07	9064	5-6	0600	Sun	024 1 296 70 90750 26419 30367 ... 20206 56823 07232 000 000	USB	(AB)
E07	10264	5-6	0620	Sun	024 1 296 70 90750 26419 30367 ... 20206 56823 07232 000 000	USB	(AB)
E07	11464	5-6	0640	Sun	024 1 296 70 90750 26419 30367 ... 20206 56823 07232 000 000	USB	(AB)
E07	14842	5-6	1700	Sun	841 841 841 000	USB	(AB)
E07	13442	5-6	1720	Sun	841 841 841 000	USB	(AB/MPJ)
E07	14842	8-6	1700	Wed	841 1 528 42 64624 99808 52281 ... 72342 31257 60920 000 000	AM	(AB)
E07	13442	8-6	1720	Wed	841 1 528 42 64624 99808 52281 ... 72342 31257 60920 000 000	AM	(AB)
E07	12142	8-6	1740	Wed	841 1 528 42 64624 99808 52281 ... 72342 31257 60920 000 000	AM	(AB)
E07	13428	8-6	1945	Wed	i.p. 69687 47299 92990 ... 22688 69928 26999 000 000	USB	(lan)
E07	12213	9-6	2010	Thu	273 273 273 000	AM	(AB/Dan)
E07	10714	9-6	2030	Thu	273 273 273 000	AM	(AB/Dan)
E07	9064	11-6	0600	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	10264	11-6	0620	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	11464	11-6	0640	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	9064	12-6	0600	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	10264	12-6	0620	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	11464	12-6	0640	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	12142	12-6	1740	Sun	841 1 528 42 64624 99808 52281 ... 72342 31257 60920 000 000	USB	(GHn)
E07	13442	15-6	1720	Wed	841 841 841 000	AM	(AB)
E07	16238	15-6	1900	Wed	384 1 688 34 20828 63024 54686 ... 22688 69928 26911 000 000	USB	(AB/MPJ)
E07	14828	15-6	1920	Wed	384 1 688 34 20828 63024 54686 ... 22688 69928 26911 000 000	USB	(AB/MPJ)
E07	13428	15-6	1940	Wed	384 1 688 34 20828 63024 54686 ... 22688 69928 26911 000 000	USB	(AB/MPJ)
E07	12213	16-6	2010	Thu	273 273 273 000	AM	(AB)
E07	10714	16-6	2030	Thu	273 273 273 000	AM	(AB)
E07	9064	18-6	0600	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	10264	18-6	0620	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	11464	18-6	0640	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	9064	19-6	0600	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	10264	19-6	0620	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	11464	19-6	0640	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	14842	19-6	1700	Sun	841 841 841 000	USB	(AB)
E07	13442	19-6	1720	Sun	841 841 841 000	USB	(AB)
E07	16238	20-6	1900	Mon	384 1 255 21 25083 08288 27062 ... 79917 86000 13641 000 000	USB	(AB/MPJ)

E07	14828	20-6	1920	Mon	384 1 255 21 25083 08288 27062 ... 79917 86000 13641 000 000	USB	(AB/MPJ)
E07	13428	20-6	1940	Mon	384 1 255 21 25083 08288 27062 ... 79917 86000 13641 000 000	USB	(AB/MPJ/EI0DB)
E07	14842	22-6	1700	Wed	841 841 841 000	AM	(AB)
E07	13442	22-6	1720	Wed	841 841 841 000	AM	(AB/MPJ)
E07	16238	22-6	1900	Wed	384 1 255 21 25083 08288 27062 ... 79917 86000 13641 000 000	USB	(AB/MPJ)
E07	14828	22-6	1920	Wed	384 1 255 21 25083 08288 27062 ... 79917 86000 13641 000 000	USB	(AB/MPJ)
E07	13428	22-6	1940	Wed	384 1 255 21 25083 08288 27062 ... 79917 86000 13641 000 000	USB	(AB/MPJ)
E07	12213	23-6	2010	Thu	273 273 273 000	AM	(AB)
E07	10714	23-6	2030	Thu	273 273 273 000	AM	(AB/GHn)
E07	9064	25-6	0600	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	10264	25-6	0620	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	11464	25-6	0643	Sat	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000 (3 mins late)	USB	(AB)
E07	9064	26-6	0600	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	10264	26-6	0620	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	11464	26-6	0640	Sun	024 1 259 28 95452 49346 70032 ... 01509 66078 14042 000 000	USB	(AB)
E07	14842	26-6	1700	Sun	841 841 841 000	AM	(AB/MPJ)
E07	13442	26-6	1720	Sun	841 841 841 000	AM	(AB)
E07	16328	27-6	1900	Mon	384 384 384 000	USB	(AB)
E07	14828	27-6	1920	Mon	384 384 384 000	USB	(MPJ)
E07	14842	29-6	1700	Wed	841 1 315 125 47724 00834 86968 ... 33922 10313 53107 000 000	AM	(AB/MPJ)
E07	13442	29-6	1720	Wed	841 1 315 125 47724 00834 86968 ... 33922 10313 53107 000 000 Stops and restarts at 1721 UTC	AM	(AB)
E07	12142	29-6	1740	Wed	841 1 315 125 47724 00834 86968 ... 33922 10313 53107 000 000	AM	(AB)
E07	16328	29-6	1900	Wed	384 384 384 000	USB	(AB/MPJ)
E07	14828	29-6	1920	Wed	384 384 384 000	USB	(AB/Lan/MPJ)
E07	12213	30-6	2010	Thu	273 273 273 000	AM	(AB)
E07	10714	30-6	2030	Thu	273 273 273 000	AM	(AB)
E07a	12166	1-6	2000	Wed	172 172 172 000	USB	(MPJ)
E07a	12182	3-6	1510	Fri	101 101 101 000	USB	(HFD)
E07a	11082	3-6	1530	Fri	101 101 101 000	USB	(HFD)
E07a	13373	4-6	0800	Sat	338 338 338 000	USB	(HFD)
E07a	14373	4-6	0820	Sat	338 338 338 000	USB	(HFD)
E07a	12166	8-6	2000	Wed	172 1 36764 7918 91 98151 22628 74897 ... 74195 34611 45756 000 000	USB	(AB/Dan)
E07a	10766	8-6	2020	Wed	172 1 36764 7918 91 98151 22628 74897 ... 74195 34611 45756 000 000	USB	(AB/Dan)
E07a	9266	8-6	2040	Wed	172 1 36764 7918 91 98151 22628 74897 ... 74195 34611 45756 000 000	USB	(AB/Dan)
E07a	12182	10-6	1510	Fri	101 1 30401 2548 83 89987 08242 90469 ... 19371 11232 10529 000 000	USB	(AB)

E07a	11082	10-6	1530	Fri	101 1 30401 2548 83 89987 08242 90469 ... 19371 11232 10529 000 000	USB	(AB)
E07a	10182	10-6	1550	Fri	101 1 30401 2548 83 89987 08242 90469 ... 19371 11232 10529 000 000	USB	(AB/GHn)
E07a	13373	11-6	0800	Sat	338 1 30401 2548 83 89987 08242 90469 ... 19371 11232 10529 000 000	USB	(AB/PPA)
E07a	14373	11-6	0820	Sat	338 1 30401 2548 83 89987 08242 90469 ... 19371 11232 10529 000 000	USB	(AB)
E07a	14873	11-6	0840	Sat	338 1 30401 2548 83 89987 08242 90469 ... 19371 11232 10529 000 000	USB	(AB)
E07a	12166	15-6	2000	Wed	172 172 172 000	USB	(AB/MPJ/Dan)
E07a	10766	15-6	2020	Wed	172 172 172 000	USB	(AB/Dan)
E07a	7933	16-6	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	16-6	0450	Thu	912 912 912 000	USB	(AB)
E07a	13373	18-6	0800	Sat	338 338 338 000	USB	(AB)
E07a	14373	18-6	0820	Sat	338 338 338 000	USB	(AB)
E07a	12166	22-6	2000	Wed	172 1 64632 7071 79 33725 05175 91173 ... 57852 47189 02837 000 000	USB	(AB/MPJ/Dan)
E07a	10766	22-6	2020	Wed	172 1 64632 7071 79 33725 05175 91173 ... 57852 47189 02837 000 000	USB	(AB/MPJ/GHn/Dan)
E07a	9266	22-6	2400	Wed	172 1 64632 7071 79 33725 05175 91173 ... 57852 47189 02837 000 000	USB	(AB/MPJ/Dan)
E07a	7933	23-6	0430	Thu	912 1 64632 7071 79 33725 05175 91173 ... 57852 47189 02837 000 000	USB	(AB)
E07a	9133	23-6	0450	Thu	912 1 64632 7071 79 33725 05175 91173 ... 57852 47189 02837 000 000	USB	(AB)
E07a	10233	23-6	0510	Thu	912 1 64632 7071 79 33725 05175 91173 ... 57852 47189 02837 000 000	USB	(AB)
E07a	12182	24-6	1510	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	11082	24-6	1530	Fri	101 101 101 000	USB	(AB)
E07a	13373	25-6	0800	Sat	338 338 338 000	USB	(AB)
E07a	14373	25-6	0820	Sat	338 338 338 000	USB	(AB)
E07a	12166	29-6	2000	Wed	172 172 172 000	USB	(AB)
E07a	10766	29-6	2020	Wed	172 172 172 000	USB	(AB/GHn)
E11	14865	1-6	1706	Wed	392/00	USB	(PPA)
E11	9052	2-6	1450	Thu	441/00	USB	(MPJ)
E11	10356	2-6	1530	Thu	262/00	USB	(MPJ)
E11	11581	2-6	1925	Thu	551/00	USB	(MPJ)
E11	11581	2-6	1925	Thu	551/00	USB	(GHn)
E11	8530	3-6	2000	Fri	576/00	USB	(MPJ)
E11	14865	4-6	1705	Sat	392/00	USB	(AB/MPJ)
E11	7984	4-6	1730	Sat	405/00	USB	(F5JBR)
E11	14975	5-6	0805	Sun	311/00	USB	(AB)
E11	15795	5-6	1625	Sun	975/39 ...	USB	(MPJ)
E11	14410	5-6	1745	Sun	241/00	USB	(MPJ)
E11	9130	5-6	2005	Sun	363/00	USB	(AB)
E11	9610	6-6	0745	Mon	262/00	USB	(AB)
E11	14753	7-6	0710	Tue	633/00	USB	(AB)
E11	13873	7-6	1045	Tue	576/00	USB	(AB)

E11	15825	7-6	1345	Tue	911/00	USB	(AB)
E11	9052	7-6	1450	Tue	441/00	USB	(AB)
E11	13427	8-6	0900	Wed	534/00	USB	(AB)
E11	10302	8-6	1205	Wed	469/00	USB	(AB)
E11	15803	8-6	1300	Wed	133/00	USB	(AB)
E11	13424	9-6	0645	Thu	517/00	USB	(AB)
E11	15905	9-6	0710	Thu	491/00	USB	(AB)
E11	6807	9-6	0820	Thu	438/00	USB	(AB)
E11	9052	9-6	1450	Thu	441/00	USB	(AB)
E11	10356	9-6	1530	Thu	262/00	USB	(AB)
E11	17120	10-6	0730	Fri	352/00	USB	(AB)
E11	11581	11-6	1300	Sat	585/00	USB	(AB)
E11	15795	12-6	1625	Sun	972/00	USB	(AB)
E11	9610	13-6	0745	Mon	262/00	USB	(AB)
E11	6807	13-6	0820	Mon	438/00	USB	(AB/HFD)
E11	13427	13-6	0900	Mon	534/00	USB	(AB)
E11	13537	13-6	1225	Mon	521/00	USB	(AB/MPJ/GHn)
E11	15632	14-6	0745	Tue	335/00	USB	(AB)
E11	13873	14-6	1045	Tue	576/00	USB	(AB/Edd)
E11	9052	14-6	1450	Tue	441/00	USB	(AB/MPJ)
E11	4783	14-6	1605	Tue	232/00	USB	(AB)
E11	11581	14-6	1925	Tue	527/33 Attention 58279 89215 44435 49050 64205 ...	USB	(MPJ)
E11	8565	15-6	0315	Wed	253/00 OUT	USB	(Edd)
E11	14975	15-6	0805	Wed	311/00 OUT	USB	(Edd)
E11	13427	15-6	0900	Wed	534/00	USB	(AB/Edd)
E11	10213	15-6	0930	Wed	270/00	USB	(AB/Edd)
E11	15795	15-6	1625	Wed	972/00	USB	(AB)
E11	14865	15-6	1705	Wed	392/00	USB	(AB)
E11	7984	15-6	1730	Wed	405/00	USB	(AB)
E11	15632	16-6	0745	Thu	335/00	USB	(AB)
E11	6807	16-6	0820	Thu	438/00	USB	(AB)
E11	10213	16-6	0930	Thu	270/00	USB	(AB)
E11	11581	16-6	1300	Thu	580/34 Attention 79205 79192 01752 ... 84318 99621 02824 Atten- tion, rpt msg, out	USB	(AB)
E11	9052	16-6	1450	Thu	441/00	USB	(AB)
E11	10356	16-6	1530	Thu	262/00	USB	(AB)
E11	17120	17-6	0730	Fri	352/00	USB	(AB)
E11	13537	17-6	1225	Fri	521/00	USB	(AB)
E11	14940	17-6	1650	Fri	921/00	CW	(F5JBR)
E11	14865	18-6	1705	Sat	382/00	USB	(MPJ)
E11	7984	18-6	1730	Sat	405/00	USB	(MPJ)
E11	17120	19-6	0730	Sun	352/00	USB	(AB)
E11	14410	19-6	1745	Sun	241/00	USB	(AB)
E11	9130	19-6	2005	Sun	363/00	USB	(AB)
E11	13908	20-6	0600	Mon	181/00	USB	(AB)
E11	13427	20-6	0900	Mon	534/00	USB	(AB)
E11	13424	21-6	0645	Tue	517/00	USB	(AB)
E11	14753	21-6	0710	Tue	633/00	USB	(AB)
E11	15632	21-6	0745	Tue	335/00	USB	(AB)
E11	10302	21-6	1205	Tue	469/00	USB	(AB)
E11	15825	21-6	1345	Tue	911/00	USB	(AB)
E11	11581	21-6	1925	Tue	551/00	USB	(AB/MPJ)
E11	14975	22-6	0805	Wed	311/00	USB	(AB)
E11	13427	22-6	0900	Wed	534/00	USB	(AB)
E11	10213	22-6	0930	Wed	270/00	USB	(AB)
E11	15803	22-6	1300	Wed	133/00	USB	(MPJ)
E11	7984	22-6	1730	Wed	405/00	USB	(MPJ)

E11	13424	23-6	0645	Thu	517/00	USB	(AB)
E11	15905	23-6	0710	Thu	491/00	USB	(AB)
E11	10213	23-6	0930	Thu	270/00	USB	(AB/GHn)
E11	8088	23-6	1730	Thu	416/00	USB	(MPJ)
E11	11581	23-6	1925	Thu	551/00	USB	(AB)
E11	5149	24-6	0455	Fri	363/00 (should be S11a id 321)	USB	(AB)
E11	13908	24-6	0600	Fri	181/00	USB	(AB)
E11	14753	24-6	0710	Fri	633/00	USB	(AB)
E11	13537	24-6	1225	Fri	527/32 Attention 92331 89742 63388 ... 21389 10505 86244 Atten- tion, rpt msg, out	USB	(AB/MPJ)
E11	15905	25-6	0710	Sat	491/00	USB	(AB)
E11	11581	25-6	1300	Sat	585/00	USB	(AB/MPJ)
E11	14865	25-6	1705	Sat	392/00	USB	(AB)
E11	7984	25-6	1730	Sat	405/00	USB	(MPJ)
E11	14975	26-6	0805	Sun	311/00	USB	(AB/MPJ)
E11	14410	26-6	1745	Sun	242/00	USB	(MPJ)
E11	10800	27-6	0450	Mon	416/00	USB	(AB)
E11	13908	27-6	0600	Mon	181/00	USB	(AB)
E11	9610	27-6	0745	Mon	262/00	USB	(AB)
E11	13537	27-6	1225	Mon	521/00	USB	(AB)
E11	13424	28-6	0645	Tue	517/00	USB	(AB)
E11	14753	28-6	0710	Tue	633/00	USB	(AB)
E11	15632	28-6	0745	Tue	335/00	USB	(AB)
E11	13873	28-6	1045	Tue	567/00	USB	(AB)
E11	10302	28-6	1205	Tue	469/00	USB	(AB)
E11	15803	28-6	1300	Tue	133/00	USB	(AB)
E11	15825	28-6	1345	Tue	911/00	USB	(AB)
E11	9052	28-6	1450	Tue	441/00	USB	(AB/MPJ)
E11	11581	28-6	1925	Tue	551/00	USB	(AB/MPJ)
E11	13424	29-6	0545	Wed	348/00	USB	(AB)
E11	14975	29-6	0805	Wed	311/00	USB	(AB)
E11	10213	29-6	0930	Wed	270/00	USB	(AB)
E11	15803	29-6	1300	Wed	133/00	USB	(AB/MPJ)
E11	15795	29-6	1625	Wed	972/00	USB	(AB)
E11	11865	29-6	1705	Wed	392/00	USB	(AB)
E11	13424	30-6	0645	Thu	517/00	USB	(AB)
E11	15905	30-6	0710	Thu	491/00	USB	(AB)
E11	15632	30-6	0745	Thu	335/00	USB	(AB)
E11	6807	30-6	0820	Thu	438/00	USB	(AB)
E11	10213	30-6	0930	Thu	270/00	USB	(AB)
E11	11581	30-6	1300	Thu	585/00	USB	(AB)
E11	9052	30-6	1450	Thu	441/00	USB	(AB)
E11	10356	30-6	1530	Thu	262/00	USB	(MPJ)
E11	8088	30-6	1730	Thu	416/00	USB	(AB)
E11	11581	30-6	1925	Thu	551/00	USB	(AB/MPJ)
E11a	13424	8-6	0545	Wed	348/39 Attention 86094 21185 82733 ... 34286 41467 36661 Atten- tion, rpt msg, out	USB	(AB)
E11a	14865	8-6	1705	Wed	393/34 Attention 54007 45421 67359 ... 22098 86312 19832 Atten- tion, rpt msg, out	USB	(AB)
E11a	7984	8-6	1730	Wed	408/38 Attention 29243 33098 74404 18101 ...	USB	(F5JBR)
E11a	15632	9-6	0745	Thu	335/39 Attention 09284 86939 64264 ... 26587 19282 06020 Atten- tion, rpt msg, out	USB	(AB)

E11a	13424	10-6	0545	Fri	348/39 Attention 86094 21185 82733 ... 34286 41467 36661 Attention, rpt msg, out	USB	(AB)
E11a	13908	10-6	0600	Fri	189/31 Attention 01950 69945 73970 ... 37756 29421 90585 Attention, rpt msg, out	USB	(AB)
E11a	14865	11-6	1705	Sat	393/34 Attention 54007 45421 67359 ... 22098 86312 19832 Attention, rpt msg, out	USB	(GHn)
E11a	7984	11-6	1730	Sat	408/38 Attention 29243 33098 74404 ... 62063 28581 77277 Attention, rpt msg, out	USB	(AB)
E11a	14975	12-6	0805	Sun	314/35 Attention 85664 94426 13970 ... 35102 84172 01860 Attention, rpt msg, out	USB	(AB)
E11a	9130	12-6	2005	Sun	366/34 Attention 38118 12334 21049 ... 59915 23774 65190 Attention, rpt msg, out	USB	(AB/MPJ)
E11a	10800	13-6	0450	Mon	411/34 Attention 62906 04033 89433 ... 63514 32507 91713 Attention, rpt msg, out	USB	(AB)
E11a	13424	14-6	0645	Tue	515/35 Attention 56278 60555 08928 ... 05694 97863 90449 Attention, rpt msg, out	USB	(AB/Edd)
E11a	14753	14-6	0710	Tue	639/36 Attention 20578 53878 75669 ... 09305 02628 77927 Attention, rpt msg, out	USB	(AB/Edd)
E11a	10302	14-6	1205	Tue	466/33 Attention 83934 53092 89946 ... 13646 66371 84023 Attention, rpt msg, out	USB	(AB/MPJ/Edd)
E11a	15803	14-6	1300	Tue	135/38 Attention 71175 88561 42641 ... 91788 09277 76507 Attention, rpt msg, out	USB	(AB/MPJ)
E11a	15825	14-6	1345	Tue	910/30 Attention 92619 15049 23536 ... 88593 49085 40053 Attention, rpt msg, out	USB	(AB/MPJ)
E11a	13424	15-6	0545	Wed	348/00	USB	(AB/Edd)
E11a	10302	15-6	1205	Wed	466/33 Attention 83934 53092 89946 ... 13646 66371 84023 Attention, rpt msg, out	USB	(AB/Edd)
E11a	15803	15-6	1300	Wed	135/38 Attention 71175 88561 42641 ... 91788 09277 76507 Attention, rpt msg, out	USB	(AB/Edd)
E11a	13424	16-6	0645	Thu	515/35 Attention 56278 60555 08928 ... 05694 97863 90449 Attention, rpt msg, out	USB	(AB)
E11a	14753	17-6	0710	Fri	639/36 Attention 20578 53878 75669 ... 09305 02628 77927 Attention, rpt msg, out	USB	(AB)
E11a	11581	18-6	1300	Sat	580/34 Attention 79205 79192 01752 ... 84318 99621 02824 Attention, rpt msg, out	USB	(AB)
E11a	15825	18-6	1345	Sat	910/30 Attention 92619 15049 23536 ... 88593 49085 40053 Attention, rpt msg, out	USB	(AB)
E11a	9610	20-6	0745	Mon	269/38 Attention 07634 07441 55877 ... 45050 34140 07555 Attention, rpt msg, out	USB	(AB)

E11a	13537	20-6	1225	Mon	527/32 Attention 92331 89742 63388 ... 21389 10505 86244 Attention, rpt msg, out	USB	(AB)
E11a	13873	21-6	1045	Tue	571/39 Attention 39363 76847 77021 ... 11446 81588 33646 Attention, rpt msg, out	USB	(AB)
E11a	9052	21-6	1450	Tue	443/35 Attention 81661 96164 05981 50843 82354 ... 19609 99883 92785 59401 28194	USB	(MPJ)
E11a	10302	22-6	1205	Wed	469/00	USB	(AB/MPJ)
E11a	6807	23-6	0820	Thu	431/35 Attention 79406 60153 47163 ... 72063 31955 10599 Attention, rpt msg, out	USB	(AB)
E11a	10356	23-6	1530	Thu	269/38 Attention 07634 07441 55877 ... 45050 34140 07555 Attention, rpt msg, out	USB	(GHn)
E11a	13424	24-6	0545	Fri	348/00	USB	(AB)
E11a	17120	24-6	0730	Fri	354/34 Attention ...	USB	(AB)
E11a	14940	24-6	1650	Fri	922/40 Attention 55554 71353 07981 09344 44732 ... 00778 65934 41088 48484 48358	USB	(AB/MPJ)
E11a	17120	26-6	0730	Sun	354/34 Attention ...	USB	(AB)
E11a	14940	26-6	1650	Sun	922/40 Attention ...	USB	(AB/MPJ)
E11a	13427	27-6	0900	Mon	534/38 Attention 71063 59360 87911 ... 48527 54612 20336 Attention, rpt msg, out	USB	(AB)
E11a	13427	29-6	0900	Wed	534/38 Attention 71063 59360 87911 ... 48527 54612 20336 Attention, rpt msg, out	USB	(AB)
E11a	10302	29-6	1205	Wed	469/00	USB	(AB/MPJ)
E17z	16780	9-6	0800	Thu	674 209 5 31900 48366 36534 33840 48436 209 5 00000 Slightly off freq	USB	(AB)
E17z	12850	9-6	0810	Thu	674 209 5 31900 48366 36534 33840 48436 209 5 00000	USB	(AB)
E17z	16780	23-6	0800	Thu	674 210 5 88280 84116 53718 78927 34694 210 5 00000	USB	(AB)
E17z	12850	23-6	0810	Thu	674 210 5 88280 84116 53718 78927 34694 210 5 00000	USB	(AB)
E17z	16780	30-6	0800	Thu	674 674 674 00000	USB	(AB)
E17z	12850	30-6	0810	Thu	674 674 674 00000	USB	(AB)
E25	6140	2-6	0740	Thu	012 012 01 Live message. Male operator. Only the ID is sent.	AM	(qsr711)
E25	6140	6-6	0740	Mon	250 8145 2080 3190 4492 6575 9403 1058 3190 Beeps present	AM	(qsr711)
E25	6140	7-6	0800	Tue	360 Message 2080 3230 1504 7095 6734 1809 3230 5804 Rebeat 80 208 3230 1504 7095 6134 1809 3230 5804 EOM EOT. Live txm. Beeps, Windows sounds	AM	(qsr711)
E25	6140	7-6	1030	Tue	672 Message 1072 3046 1632 6633 5777 6914 2785 7978 1824 Rebeat 1072 3046 1632 6633 5777 6914 2785 7978 1824 EOM EOT. Beeps, Windows sounds	AM	(qsr711)
E25	6140	15-6	0744	Wed	250 Message 9044 3080 2710 4416 1124 5683 0628 2710 Rebeat 9044 3080 2710 4416 1124 5683 0628 2710 EOM EOT. Beeps and windows sound	AM	(AB-ISR)

E25	6140	16-6	0736	Thu	Windows sounds, beeps. 250 260 Message 5344 4090 2610 5731 7574 8055 2695 4428 2610 Rebeat 5344 4090 2610 5731 7574 8055 2695 4428 2610 EOM EOT	AM	(AB)
E25a	6140	2-6	0740	Thu	Male voice in USB sends an E25 ID (012) then goes off. Also, several carriers turning on and off noted all morning.	USB	(qsr711)
E25a	6140	4-6	1030	Sat	Extremely distorted Arabic counting in USB. Carrier switching on and off from 1000z to 1100z. Counting again at 1100z	USB	(qsr711)
E25a	6140	5-6	1215	Sun	Windows login sound and very short Enta Omri noted before the transmission	USB	(qsr711)
E25a	6140	22-6	0800	Wed	4 1 364 364 1 364 1 Message Mes- sage Message 364 1 364 1 364 Beeps	AM	(AB-ISR/qsr711)
EGY	14622	2-6	1736	Thu	MFA Cairo, clg TVXS embassy Ma- nama	SITOR-A 100/170	(PPA)
EGY	16222	3-6	1328	Fri	MFA Cairo, clg TVVY Unid embassy	SITOR-A 100/170	(PPA)
EGY	14444	7-6	1729	Tue	99910: MFA Cairo clg 11105: Eryp- tian embassy Rome	Codan Chirp	(PPA)
EGY	16023	14-6	0739	Tue	MFA Cairo clg OOVc Egyptian em- bassy New Delhi, then into SITOR-B: FMFM FMFMFMFMFMFMFMFMFMFMFMFMFM MDRS JG KDCFUSG 22281	SITOR-A 100/170	(AAI)
EGY	14620	14-6	1841	Tue	Egyptian embassy Islamabad, hexa- decimal code message to 71	SITOR-A 100/170	(PPA)
EGY	19163.7	15-6	0720	Wed	MFA Cairo clg OOVc: Egyptian em- bassy New Delhi. KDPDKJ ODSWJ KBS KDWFSJ LRGK WDSF HUXD +? +?	SITOR-A 100/170	(WP3)
EGY	14444	15-6	1838	Wed	MFA Cairo clg RCVB followed by hexadecimal message from 71 to Washington	SITOR-A 100/170	(PPA)
EGY	18333	15-6	1851	Wed	44405: Egyptian embassy Islamabad clg MFA Cairo selcall 99907	Codan Chirp	(PPA)
EGY	14628	16-6	2028	Thu	MFA Cairo clg RCVB Egyptian em- bassy Washington	SITOR-A 100/170	(AAI)
EGY	16222	18-6	0839	Sat	MFA Cairo traffic after Chirp call to 33318 Djibuti	Codan Chirp	(PPA)
EGY	14681.7	21-6	2226	Tue	MFA Cairo with ATU-80 tfc asking Moscow for QSY to 11033 kHz	SITOR-B 100/170/I	(MCO)
G06	5348	6-6	1700	Mon	574 574 574 00000	USB	(AB/HFD)
G06	5859	6-6	1800	Mon	574 574 574 00000	USB	(AB/HFD)
G06	7425	8-6	1200	Wed	574 574 574 00000	USB	(AB/HFD)
G06	6956	8-6	1259	Wed	574 574 574 00000 (1 min early)	USB	(AB)
G06	6956	8-6	1300	Wed	574 0	USB	(HFD)
G06	5890	9-6	1300	Thu	329 329 329 00000	USB	(AB)
G06	6887	9-6	1803	Thu	111 111 111	USB	(AB)
G06	6887	9-6	1810	Thu	111	USB	(AB)
G06	6887	9-6	1818	Thu	111 11	USB	(AB)
G06	6887	9-6	1819	Thu	111	USB	(AB)
G06	6887	9-6	1824	Thu	111	USB	(AB)
G06	6887	9-6	1830	Thu	842 317 90 37839 35787 98273 ... 64848 85748 84784 317 90 00000	USB	(AB/GHn)
G06	5943	10-6	1922	Fri	111	USB	(AB)

G06	5943	10-6	1924	Fri	1	USB	(AB)
G06	5943	10-6	1930	Fri	218 317 60 37839 ...	USB	(AB)
G06	5348	13-6	1649	Mon	574 574 574 00000	USB	(AB)
G06	5348	13-6	1649	Mon	11	USB	(AB)
G06	5859	13-6	1746	Mon	11	USB	(AB)
G06	5859	13-6	1800	Mon	574 574 574 00000	USB	(AB/MPJ)
G06	7425	15-6	1159	Wed	574 574 574 00000 (1 min early)	USB	(Edd-POL)
G06	6956	15-6	1300	Wed	574 574 574 00000	USB	(AB/Edd-POL)
G06	7320	20-6	0800	Mon	329 329 329 00000	USB	(AB)
G06	6887	23-6	1830	Thu	842 317 60 37839 35787 98273 ... 34344 45454 34344 317 60 00000	USB	(AB/MPJ)
G06	5943	24-6	1930	Fri	218 317 90 37839 35787 98273 ... 64848 85748 84784 317 90 00000	USB	(AB/MPJ)
HM01	11435	1-6	1600	Wed	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11435	2-6	1600	Thu	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11530	2-6	1700	Thu	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	16180	2-6	2100	Thu	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	17480	2-6	2200	Thu	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11435	3-6	1600	Fri	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11530	3-6	1700	Fri	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11635	3-6	1800	Fri	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11635	3-6	1831	Fri	45617 41612 07811 80521 24407 74051	AM/RDFT	(DSch)
HM01	10715	3-6	2200	Fri	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11435	4-6	1600	Sat	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11530	4-6	1700	Sat	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11635	4-6	1800	Sat	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11635	4-6	1809	Sat	45617 41612 07811 80521 24407 74051	AM/RDFT	(DSch)
HM01	11635	4-6	1815	Sat	45617 41612 07811 80521 24407 74051	AM/RDFT	(DSch)
HM01	10860	5-6	0504	Sun	45617 41612 07811 80521 24407 74051 Late start	AM/RDFT	(AB)
HM01	10345	5-6	0600	Sun	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	9330	5-6	0659	Sun	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	9065	5-6	0800	Sun	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	9240	5-6	0857	Sun	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	11435	5-6	1600	Sun	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2/DSch)
HM01	11530	5-6	1700	Sun	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11635	5-6	1800	Sun	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)

HM01	11635	5-6	2102	Sun	i.p. 45617 41612 07811 80521 24407 74051	AM/RDFT	(CtY)
HM01	10860	6-6	0504	Mon	45617 41612 07811 80521 24407 74051 Late start	AM/RDFT	(AB)
HM01	10345	6-6	0557	Mon	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	10345	6-6	0700	Mon	45617 41612 07811 80521 24407 74051 Should be on 9330 kHz. Stops at 0703z	AM/RDFT	(AB)
HM01	9330	6-6	0705	Mon	45617 41612 07811 80521 24407 74051 Switched from 9330 kHz	AM/RDFT	(AB)
HM01	9065	6-6	0757	Mon	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	11435	6-6	1600	Mon	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11530	6-6	1700	Mon	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11530	6-6	1714	Mon	45617 41612 07811 80521 24407 74051	AM/RDFT	(DSch)
HM01	11635	6-6	1800	Mon	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11635	6-6	2051	Mon	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	10715	6-6	2200	Mon	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11462	7-6	0500	Tue	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	14375	7-6	0557	Tue	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	11530	7-6	1706	Tue	45617 41612 07811 80521 24407 74051	AM/RDFT	(DSch)
HM01	10860	8-6	0503	Wed	45617 41612 07811 80521 24407 74051 Late start	AM/RDFT	(AB)
HM01	10345	8-6	0557	Wed	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	9330	8-6	0659	Wed	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	11635	8-6	1829	Wed	45617 41612 07811 80521 24407 74051	AM/RDFT	(DSch)
HM01	11462	9-6	0546	Thu	i.p. 45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	14375	9-6	0558	Thu	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	11435	9-6	1600	Thu	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11435	9-6	1635	Thu	DGI i.p.	AM/RDFT	(danu)
HM01	10860	10-6	0459	Fri	45617 41612 07811 80521 24407 74051	AM/RDFT	(AB)
HM01	11435	10-6	1600	Fri	45617 41612 07811 80521 24407 74051	AM/RDFT	(RR2)
HM01	11635	10-6	1818	Fri	Carrier on but no tfc 1813z. At 1818z: 93780 58521 43431 16311 57578 40771	AM/RDFT	(DSch)
HM01	11462	11-6	0514	Sat	93780 58521 43431 16311 57578 40771	AM/RDFT	(AB)
HM01	14375	11-6	0557	Sat	93780 58521 43431 16311 57578 40771	AM/RDFT	(AB)
HM01	13435	11-6	0657	Sat	93780 58521 43431 16311 57578 40771	AM/RDFT	(AB)

HM01	11435	11-6	1553	Sat	i.p. 93780 58521 43431 16311 57578 40771	AM/RDFT	(RR2)
HM01	11435	11-6	1559	Sat	93781 58522 43432 16311 23311 40771	AM/RDFT	(RR2)
HM01	11635	11-6	1816	Sat	93781 58522 43432 16311 23311 40771	AM/RDFT	(DSch)
HM01	10860	12-6	0457	Sun	93781 58522 43432 16311 23311 40771	AM/RDFT	(AB)
HM01	10345	12-6	0557	Sun	93781 58522 43432 16311 23311 40771	AM/RDFT	(AB)
HM01	11435	12-6	1558	Sun	93782 58523 43433 16312 23311 40772	AM/RDFT	(RR2)
HM01	11435	12-6	1644	Sun	93782 58523 43433 16312 23311 40772	AM/RDFT	(DSch)
HM01	11530	12-6	1700	Sun	93782 58523 43433 16312 23311 40772	AM/RDFT	(AAFL)
HM01	10860	13-6	0457	Mon	93782 58523 43433 16312 23311 40772	AM/RDFT	(AB)
HM01	9330	13-6	0715	Mon	DGI i.p.	AM/RDFT	(danu)
HM01	11435	13-6	1600	Mon	93783 58524 43434 16313 23312 40773	AM/RDFT	(RR2)
HM01	11530	13-6	1737	Mon	93783 58524 43434 16313 23312 40773	AM/RDFT	(DSch)
HM01	13435	14-6	0657	Tue	93783 58524 43434 16313 23312 40773	AM/RDFT	(AB)
HM01	11635	14-6	1835	Tue	i.p. 93784 58525 43435 16314 23313 40774	AM/RDFT	(RR2)
HM01	10860	15-6	0513	Wed	DGI i.p.	AM/RDFT	(Jas)
HM01	11635	15-6	1800	Wed	93785 58526 43436 16315 23314 40775 at 151800	AM/RDFT	(DSch)
HM01	11462	16-6	0457	Thu	93785 58526 43436 16315 23314 40775	AM/RDFT	(AB/SFNY)
HM01	14375	16-6	0557	Thu	93785 58526 43436 16315 23314 40775	AM/RDFT	(AB)
HM01	12180	16-6	1000	Thu	93785 58526 43436 16315 23314 40775	AM/RDFT	(AB)
HM01	11530	16-6	1732	Thu	93786 58527 43437 16316 23315 40776 at 161732	AM/RDFT	(DSch)
HM01	16180	16-6	2114	Thu	DGI i.p.	AM/RDFT	(CtY)
HM01	10345	17-6	0607	Fri	i.p. 93786 58527 43437 16316 23315 40776	AM/RDFT	(AB)
HM01	11435	17-6	1600	Fri	93787 58528 43438 16317 23316 40777	AM/RDFT	(RR2)
HM01	11530	17-6	1700	Fri	93787 58528 43438 16317 23316 40777 at 171700	AM/RDFT	(DSch)
HM01	11462	18-6	0457	Sat	93787 58528 43438 16317 23316 40777	AM/RDFT	(AB)
HM01	11530	18-6	1716	Sat	93788 58529 43439 16318 23317 40778	AM/RDFT	(RR2)
HM01	10860	19-6	0457	Sun	93788 58529 43439 16318 23317 40778	AM/RDFT	(AB/SFNY)
HM01	10345	19-6	0557	Sun	93788 58529 43439 16318 23317 40778	AM/RDFT	(AB)
HM01	9330	19-6	0657	Sun	93788 58529 43439 16318 23317 40778	AM/RDFT	(AB/SFNY)
HM01	9065	19-6	0757	Sun	93788 58529 43439 16318 23317 40778	AM/RDFT	(AB)
HM01	9240	19-6	0857	Sun	93788 58529 43439 16318 23317 40778	AM/RDFT	(AB)

HM01	11635	19-6	2130	Sun	i.p. 74641 06251 38601 16319 23318 11181	AM/RDFT	(RR2)
HM01	10345	20-6	0601	Mon	i.p. 74641 06251 38601 16319 23318 11181	AM/RDFT	(AB)
HM01	11435	20-6	1559	Mon	i.p. 74641 06251 38601 67331 23319 11181	AM/RDFT	(RR2)
HM01	11462	21-6	0500	Tue	74641 06251 38601 67331 23319 11181	AM/RDFT	(AB)
HM01	11635	21-6	0758	Tue	74641 06251 38601 67331 23319 11181	AM/RDFT	(AB)
HM01	10860	22-6	0502	Wed	74642 06252 38602 67331 18101 11182 Distorted sound	AM/RDFT	(AB)
HM01	9330	22-6	0657	Wed	74642 06252 38602 67331 18101 11182	AM/RDFT	(AB)
HM01	9065	22-6	0757	Wed	74642 06252 38602 67331 18101 11182	AM/RDFT	(AB)
HM01	11435	22-6	1557	Wed	74643 06253 38603 67332 18101 11183	AM/RDFT	(RR2)
HM01	11530	22-6	1703	Wed	74643 06253 38603 67332 18101 11183	AM/RDFT	(DSch)
HM01	11462	23-6	0458	Thu	74643 06253 38603 67332 18101 11183	AM/RDFT	(AB/Neil)
HM01	14375	23-6	0557	Thu	74643 06253 38603 67332 18101 11183	AM/RDFT	(AB)
HM01	11435	23-6	1745	Thu	74644 06254 38604 67333 18102 11184	AM/RDFT	(DSch)
HM01	11530	24-6	1700	Fri	74645 06255 38605 67334 18103 11185	AM/RDFT	(RR2)
HM01	11635	24-6	1802	Fri	74645 06255 38605 67334 18103 11185	AM/RDFT	(DSch)
HM01	11462	25-6	0502	Sat	74645 06255 38605 67334 18103 11185	AM/RDFT	(AB)
HM01	11462	25-6	0557	Sat	starts new transmission 74645 06255 38605 67334 18103 11185. Off at 0558 UTC. Switches to 14375 kHz	AM/RDFT	(AB)
HM01	14375	25-6	0559	Sat	74645 06255 38605 67334 18103 11185	AM/RDFT	(AB)
HM01	13435	25-6	0659	Sat	74645 06255 38605 67334 18103 11185	AM/RDFT	(AB)
HM01	11435	25-6	1557	Sat	74646 06256 38606 67335 18104 11186	AM/RDFT	(RR2)
HM01	11635	25-6	1816	Sat	74646 06256 38606 67335 18104 11186	AM/RDFT	(DSch)
HM01	10860	26-6	0524	Sun	i.p. 74646 06256 38606 67335 18104 11186	AM/RDFT	(AB)
HM01	10345	26-6	0557	Sun	74646 06256 38606 67335 18104 11186	AM/RDFT	(AB)
HM01	9330	26-6	0704	Sun	i.p. 74646 06256 38606 67335 18104 11186	AM/RDFT	(AB)
HM01	11435	26-6	1630	Sun	74647 06257 38607 67336 18105 11187	AM/RDFT	(RR2)
HM01	10860	27-6	0459	Mon	74647 06257 38607 67336 18105 11187	AM/RDFT	(AB)
HM01	10345	27-6	0557	Mon	74647 06257 38607 67336 18105 11187	AM/RDFT	(AB)
HM01	11530	27-6	1659	Mon	74648 06258 38608 67337 18106 11188	AM/RDFT	(RR2)
HM01	11462	28-6	0502	Tue	74648 06258 38608 67337 18106 11188	AM/RDFT	(AB)

HM01	11530	28-6	1700	Tue	58561 33821 52231 86201 18107 08561	AM/RDFT	(RR2)
HM01	11530	28-6	1746	Tue	58561 33821 52231 86201 18107 08561	AM/RDFT	(DSch)
HM01	10860	29-6	0451	Wed	58561 33821 52231 86201 18107 08561. Very early start	AM/RDFT	(AB)
HM01	9330	29-6	0657	Wed	58561 33821 52231 86201 18107 08561	AM/RDFT	(AB)
HM01	11530	29-6	1750	Wed	58561 33821 52231 86201 18108 08561	AM/RDFT	(DSch)
HM01	11635	29-6	1849	Wed	58561 33821 52231 86201 18108 08561	AM/RDFT	(DSch)
HM01	1163	29-6	2130	Wed	58561 33821 52231 86201 18108 08561	AM/RDFT	(RR2)
HM01	11462	30-6	0503	Thu	58561 33821 52231 86201 18108 08561. Late start	AM/RDFT	(AB)
HM01	14375	30-6	0557	Thu	58561 33821 52231 86201 18108 08561	AM/RDFT	(AB)
HM01	13435	30-6	0657	Thu	58561 33821 52231 86201 18108 08561	AM/RDFT	(AB)
HM01	11435	30-6	1559	Thu	58562 33822 52232 86202 18109 08562	AM/RDFT	(RR2)
HM01	11635	30-6	1800	Thu	58562 33822 52232 86202 18109 08562	AM/RDFT	(DSch)
HM02	7351	1-6	0447	Wed	968 74 = 93120 16752 65496 ... 72889 29630 79291 = 968 74 968 74 = rpt msg = 968 74 000	FSK- 19.8bd/129Hz/FSK- CW	(BR)
HM02	7351	2-6	0439	Thu	824 65 = 12768 43900 11401 ... 38870 56501 11220 = 824 65 824 65 = rpt msg = 824 65 000	FSK- 19.8bd/129Hz/FSK- CW	(BR)
HM02	7351	3-6	0446	Fri	629 64 = 20967 69262 04116 ... 32996 26521 07140 = 629 64 629 64 = rpt msg = 629 64 000	FSK- 19.8bd/129Hz/FSK- CW	(BR)
HM02	7351	4-6	0443	Sat	999 264 67 = 18856 06363 10585 ... 28323 13998 13872 = 381 62 381 62 = rpt msg = 381 62 000	FSK- 19.8bd/129Hz/FSK- CW	(BR)
HM02	7351	5-6	0441	Sun	529 61 = 30381 03454 78668 ... 58753 60089 33456 = 529 61 529 61 = rpt msg = 529 61 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	6-6	0440	Mon	587 65 = 91160 31598 07350 ... 88424 52583 11325 = 587 65 587 65 = rpt msg = 587 65 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	7-6	0449	Tue	259 63 = 13956 01350 62233 ... 22892 73614 06321 = 259 63 259 63 = rpt msg = 259 63 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	8-6	0450	Wed	230 65 = 17503 06857 78774 ... 21524 52225 73780 = 230 65 230 65 = rpt msg = 235 65 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	9-6	0448	Thu	974 64 = 98834 64307 29842 ... 39673 86050 44036 = 974 64 974 64 = rpt msg = 974 64 000	FSK- 19.8bd/129Hz/FSK- CW	(BR)
HM02	7351	10-6	0425	Fri	583 65 = 23697 56957 29915 ... 48368 14523 29860 = 583 65 583 65 = rpt msg = 583 65 000	FSK- 19.8bd/129Hz/FSK- CW	(BR)
HM02	7351	11-6	0445	Sat	367 65 = 16196 95592 00816 ... 86708 02235 76751 = 367 65 367 65 = rpt msg = 367 65 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	12-6	0431	Sun	340 69 = 62072 08773 24984 ... 39292 73604 06546 = 340 69 340 69 = rpt msg = 340 69 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)

HM02	7351	13-6	0417	Mon	879 69 = 10987 17122 38583 ... 16452 16784 16947 = 879 69 879 69 = rpt msg = 879 69 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	14-6	0438	Tue	171 71 = 91287 98198 26751 ... 71191 10614 78040 = 171 71 171 71 = rpt msg = 171 71 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	15-6	0448	Wed	926 76 = 91287 98198 26751 ... 67371 34166 44575 = 926 76 926 76 = rpt msg = 926 76 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	16-6	0432	Thu	195 68 = 48078 82117 07779 ... 26125 62511 40142 = 195 68 195 68 = rpt msg = 195 68 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	11435	16-6	1600	Thu	93786 58527 43437 16316 23315 40776	AM/RDFT	(RR2)
HM02	7351	17-6	0445	Fri	238 67 = 90047 83793 08293 ... 07154 92675 74755 = 238 67 238 67 = rpt msg = 238 67 (no 000 at the end)	FSK- 19.8bd/129Hz/FSK- CW	(BR)
HM02	7351	18-6	0430	Sat	413 67 = 16371 03517 46177 ... 84237 92511 54857 = 413 67 413 67 = rpt msg = 413 67 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	19-6	0441	Sun	947 67 = 85555 80815 26206 ... 90160 28857 74891 = 947 67 947 67 = rpt msg = 947 67 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	20-6	0435	Mon	654 70 = 76819 33246 44217 ... 67464 89542 91866 = 654 70 654 70 = rpt msg = 654 70 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	21-6	0437	Tue	179 73 = 12752 18435 62272 ... 76900 27222 65647 = 179 73 179 73 = rpt msg = 179 73 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	11435	21-6	1558	Tue	74642 06252 38602 67331 18101 11182	AM/RDFT	(RR2)
HM02	7351	22-6	0443	Wed	903 63 = 39903 65234 95038 ... 51165 17420 42444 = 903 63 903 63 = rpt msg = 903 63 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	23-6	0440	Thu	826 68 = 60519 39016 82568 ... 71694 38752 70619 = 826 68 826 68 = rpt msg = 826 68 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	11435	23-6	1600	Thu	74644 06254 38604 67333 18102 11184	AM/RDFT	(RR2)
HM02	7351	24-6	0437	Fri	436 74 = 08495 81295 90364 ... 52503 16121 47207 = 436 74 436 74 = rpt msg = 436 74 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	10860	24-6	0512	Fri	i.p. 74644 06254 38604 67333 18102 11184	AM/RDFT	(AB)
HM02	10345	24-6	0558	Fri	74644 06254 38604 67333 18102 11184	AM/RDFT	(AB)
HM02	7351	25-6	0447	Sat	9 9 9 294 64 = 85799 83055 05868 ... 70006 84576 56993 = 294 64 294 64 = rpt msg = 294 64 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	26-6	0443	Sun	543 69 = 63365 69173 58543 ... = 543 69 543 69 = rpt msg, stops, re- start at 0457 UTC = 543 69 000. Car- rier off at 0541	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	27-6	0436	Mon	611 77 = 36933 40819 16953 ... 79771 06324 21610 = 611 77 611 77 = rpt msg = 611 77 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	28-6	0436	Tue	849 68 = 00791 11984 85954 ... 30772 59146 03956 = 849 68 849 68 = rpt msg = 849 68 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)

HM02	7351	29-6	0432	Wed	825 73 = 34821 94522 17467 ... 39442 80932 69136 = 825 73 825 73 = rpt msg = 825 73 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
HM02	7351	30-6	0436	Thu	572 69 = 05051 25412 21322 ... 67811 16613 78720 = 572 69 572 69 = repeats message = 572 69 000	FSK- 19.8bd/129Hz/FSK- CW	(AB)
M01	6435	11-6	1500	Sat	025 903 30 44727	CW	(HFD)
M01	5280	14-6	1800	Tue	025 583 30 = = _6_09 40743 6_464 5018_ ...	CW	(MPJ)
M01	5280	21-6	1800	Tue	025 275 30 = = 22835 50088 2_683 32034 44726 ... 58226 49553 56906 68415 = = 275 30 000	CW	(MPJ)
M01	5280	23-6	1800	Thu	025 7_8 30 = = 08584 94___ 30420 __155 7_007 ...	CW	(MPJ)
M01	5280	28-6	1800	Tue	025 _93 30 // 35662 18694 652__ _5335 _906 ...	CW	(MPJ)
M01a	4073	14-6	1738	Tue	289 807 18 289 807 18 289 805 24 111 333 12020 1112 333 020 111 12 111 999 729 16 729 20 = 10289 63895 10205 91157 97983 51875 ...	CW	(F5JBR)
M01a	3957	14-6	2144	Tue	538 650 60 333 668 78 111 999 004 23 = 96470 29628 35687 à / .. = 004 23 111 = 180 42 549 69 01086 17091 82362 99042 14022 ...	CW	(F5JBR)
M01a	3957	14-6	2144	Tue	538 538 538 650 60 333 668 78 111 999 004 23 = 96470 29628 35687 ...	CW	(F5JBR)
M01a	4119	15-6	0458	Wed	972 972 972 520 92 111 972 972 972 520 92 ...	CW	(F5JBR)
M01a	4114	15-6	0506	Wed	i.p. 66318 = 162 20 000 03013 34380 111 333 02 03982 111 333 03 80289 111 999 ...	CW	(F5JBR)
M01a	4913	15-6	0726	Wed	i.p. 42831 = 311 10 111 000	CW	(F5JBR)
M01a	6190	15-6	0731	Wed	286 286 286 888 32 286 286 286 888 32 286 286 286 544 44	CW	(F5JBR)
M01a	3899	16-6	0459	Thu	677 677 677 333 158 45 040 02 111 999 328 20 = 70595 75832 88304 80820 16828 17483 ...	CW	(F5JBR)
M01a	5080	16-6	0904	Thu	6351 111 ... 03 63901 78419 02145 03698 25147 65890 = 691 12 111 ...	CW	(F5JBR)
M01a	10233	21-6	0622	Tue	354 354 354 773 76 111 999 00002 00030 63206 15547 15547 ... 59753 88318 96433 00030 00002 00000 = 002 35 000	CW	(F5JBR)
M01b	5095	2-6	1832	Thu	815 647 50 = = 06723 69310 20452 43883 02167 ... 15141 65397 74769 28132 82810 = = 647 50 000 //5760 kHz	MCW	(MPJ)
M01b	5760	2-6	1832	Thu	815 647 50 = = 06723 69310 20452 43883 02167 ... 15141 65397 74769 28132 82810 = = 647 50 000 //5095 kHz	MCW	(MPJ)
M01b	5065	2-6	1942	Thu	936 647 50 = = 06723 69310 20452 43883 02167 ... 15141 65397 74769 28132 82810 = = 647 50 000 //5805 kHz	MCW	(MPJ)
M01b	5805	2-6	1942	Thu	936 647 50 = = 06723 69310 20452 43883 02167 ... 15141 65397 74769 28132 82810 = = 647 50 000 //5065 kHz	MCW	(MPJ)

M01b	5125	13-6	1810	Mon	364 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5735 kHz	MCW	(MPJ)
M01b	5735	13-6	1810	Mon	364 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5125 kHz	MCW	(MPJ)
M01b	5150	13-6	1915	Mon	858 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5475 kHz	MCW	(MPJ)
M01b	5475	13-6	1915	Mon	858 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5150 kHz	MCW	(MPJ)
M01b	5465	17-6	1902	Fri	336 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000	MCW	(MPJ)
M01b	5150	20-6	1915	Mon	364 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 45971 14750 32123 = = 146 36 000 //5475 kHz	MCW	(MPJ)
M01b	5475	20-6	1915	Mon	364 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 45971 14750 32123 = = 146 36 000 //5150 kHz	MCW	(MPJ)
M01b	5065	23-6	1942	Thu	936 146 36 = = 31407 38617 20647 38967 77188 ... 54120 25486 46971 14740 32123 = = 146 36 000 //5805 kHz	MCW	(MPJ)
M01b	5805	23-6	1942	Thu	936 146 36 = = 31407 38617 20647 38967 77188 ... 54120 25486 46971 14740 32123 = = 146 36 000 //5065 kHz	MCW	(MPJ)
M01b	5075	24-6	1902	Fri	336 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5465 kHz	MCW	(MPJ)
M01b	5465	24-6	1902	Fri	336 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5075 kHz	MCW	(MPJ)
M01b	5150	27-6	1915	Mon	858 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5475 kHz	MCW	(MPJ)
M01b	5475	27-6	1915	Mon	858 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5150 kHz	MCW	(MPJ)
M01b	5065	30-6	1942	Thu	936 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5805 kHz	MCW	(MPJ)
M01b	5805	30-6	1942	Thu	936 146 36 = = 31407 38617 20647 38967 77189 ... 54120 25486 46971 14750 32123 = = 146 36 000 //5065 kHz	MCW	(MPJ)

M08a	8135	7-6	2300	Tue	UGTDN UGTDN UGTDN UGTDN UGTDN = = HURTG NATUD GTNIN UWWNR GIMUD TDUUR ...	CW	(AAFL)
M12	9176	1-6	1800	Wed	257 1 690 150 95777 92297 70751 95982 45480 ... 51345 06899 81550 15148 68656 000 000	CW	(MPJ)
M12	7931	1-6	1820	Wed	257 1 690 150 95777 92297 70751 95982 45480 ... 51345 06899 81550 15148 68656 000 000	CW	(MPJ/F4LKC)
M12	6904	1-6	1840	Wed	257 1 690 150 95777 92297 70751 95982 45480 ... 51345 06899 81550 15148 68656 000 000	CW	(MPJ)
M12	8047	1-6	1900	Wed	463 1 3390 152 22013 82217 28781 99414 12716 ... 64313 59542 97710 26334 94044 000 000	CW	(MPJ/HFD)
M12	6802	1-6	1920	Wed	463 1 3390 152 22013 82217 28781 99414 12716 ... 64313 59542 97710 26334 94044 000 000	CW	(MPJ/HFD)
M12	5788	1-6	1940	Wed	463 1 3390 152 22013 82217 28781 99414 12716 ... 64313 59542 97710 26334 94044 000 000	CW	(MPJ/HFD)
M12	16269	1-6	2110	Wed	263 263 263 000	CW	(HFD)
M12	14669	1-6	2130	Wed	263 263 263 000	CW	(HFD)
M12	7386	1-6	2140	Wed	903 903 903 000	CW	(HFD)
M12	11435	2-6	1800	Thu	938 1 9739 154 62552 68226 34858 77919 39789 ... 24575 96957 30328 99512 37120 000 000	CW	(MPJ)
M12	10598	2-6	1820	Thu	938 1 9739 154 62552 68226 34858 77919 39789 ... 24575 96957 30328 99512 37120 000 000	CW	(MPJ)
M12	9327	2-6	1840	Thu	938 1 9739 154 62552 68226 34858 77919 39789 ... 24575 96957 30328 99512 37120 000 000	CW	(MPJ)
M12	9176	2-6	1900	Thu	257 1 9715 110 11019 50465 61844 23791 91363 ... 88458 52640 73113 17616 40731 000 000	CW	(MPJ)
M12	7931	2-6	1920	Thu	257 1 9715 110 11019 50465 61844 23791 91363 ... 88458 52640 73113 17616 40731 000 000	CW	(MPJ)
M12	6904	2-6	1940	Thu	257 1 9715 110 11019 50465 61844 23791 91363 ... 88458 52640 73113 17616 40731 000 000	CW	(MPJ)
M12	13873	4-6	1310	Sat	834 834 834 000	CW	(MPJ)
M12	13373	4-6	1330	Sat	834 834 834 000	CW	(MPJ)
M12	16117	6-6	1400	Mon	174 1 3667 97 91594 59442 05776 59203 27624 ... 76485 17063 28825 58215 99818 000 000	CW	(MPJ)
M12	14717	6-6	1420	Mon	174 1 3667 97 91594 59442 05776 59203 27624 ... 76485 17063 28825 58215 99818 000 000	CW	(MPJ)
M12	13417	6-6	1440	Mon	174 1 3667 97 91594 59442 05776 59203 27624 ... 76485 17063 28825 58215 99818 000 000	CW	(MPJ)
M12	9176	6-6	1800	Mon	257 1 6589 152 02237 66547 05076 15234 43564 ... 73398 49514 15553 42551 51105 000 000	CW	(MPJ)
M12	7931	6-6	1820	Mon	257 1 6589 152 02237 66547 05076 15234 43564 ... 73398 49514 15553 42551 51105 000 000	CW	(MPJ)

M12	6904	6-6	1840	Mon	257 1 6589 152 02237 66547 05076 15234 43564 ... 73398 49514 15553 42551 51105 000 000	CW	(MPJ)
M12	9176	8-6	1800	Wed	257 1 3635 153 06896 87986 66732 ... 39971 42284 94795 000 000	CW	(AB)
M12	7931	8-6	1820	Wed	257 1 3635 153 06896 87986 66732 ... 39971 42284 94795 000 000	CW	(AB)
M12	6904	8-6	1840	Wed	257 1 3635 153 06896 87986 66732 ... 39971 42284 94795 000 000	CW	(AB)
M12	13873	9-6	1310	Thu	834 1	CW	(HFD)
M12	13373	9-6	1330	Thu	834 1	CW	(HFD)
M12	11473	9-6	1350	Thu	834 1	CW	(HFD)
M12	16117	13-6	1400	Mon	174 174 174 000	CW	(AB/MPJ)
M12	14717	13-6	1420	Mon	174 174 174 000	CW	(AB/MPJ)
M12	9176	13-6	1800	Mon	257 1 (R) 2816 150 95667 88717 74878 ... 61244 16611 73217 000 000	CW	(AB)
M12	6904	13-6	1840	Mon	257 1 (R) 2816 150 95667 88717 74878 ... 61244 16611 73217 000 000	CW	(AB/MPJ)
M12	9178	14-6	0820	Tue	816 1 (R) 4828 51 33001 05022 65335 ... 85655 80144 65768 000 000	CW	(AB/Edd)
M12	10287	14-6	0820	Tue	816 1 (R) 4828 51 33001 05022 65335 ... 85655 80144 65768 000 000	CW	(AB/Edd/HFD)
M12	9176	14-6	2000	Tue	257 1 7909 52 18158 30516 52751 09568 77547 ... 94151 70329 27565 39384 79831 000 000	CW	(MPJ)
M12	13417	15-6	0710	Wed	448 448 448 000	CW	(Danix/Edd)
M12	14417	15-6	0730	Wed	448 448 448 000	CW	(Danix/Edd)
M12	16117	15-6	1400	Wed	174 174 174 000	CW	(AB/Edd/MPJ/F5JBR)
M12	14717	15-6	1420	Wed	174 174 174 000	CW	(AB/Edd/MPJ)
M12	6904	15-6	1800	Wed	257 1 3353 153 39388 71418 77834 51758 08935 ... 72410 34923 44682 70293 80184 000 000	CW	(MPJ)
M12	7931	15-6	1800	Wed	257 1 3353 153 39388 71418 77834 51758 08935 ... 72410 34923 44682 70293 80184 000 000	CW	(MPJ)
M12	9176	15-6	1800	Wed	257 1 3353 153 39388 71418 77834 51758 08935 ... 72410 34923 44682 70293 80184 000 000	CW	(MPJ)
M12	5788	15-6	1900	Wed	463 1 1064 132 94202 74355 78077 66007 95961 ... 47861 31667 07723 71058 87975 000 000	CW	(MPJ)
M12	6802	15-6	1900	Wed	463 1 1064 132 94202 74355 78077 66007 95961 ... 47861 31667 07723 71058 87975 000 000	CW	(MPJ)
M12	8047	15-6	1900	Wed	463 1 1064 132 94202 74355 78077 66007 95961 ... 47861 31667 07723 71058 87975 000 000	CW	(MPJ)
M12	7984	16-6	0630	Thu	911 911 911 000	CW	(AB)
M12	9184	16-6	0650	Thu	911 911 911 000	CW	(AB)
M12	13873	16-6	1310	Thu	834 834 834 000	CW	(AB)
M12	13373	16-6	1330	Thu	834 834 834 000	CW	(AB)
M12	13891	17-6	0542	Fri	878 1 534 135 42308 43279 91484 48275 92672 81143 90231 ... 000 000	CW	(F5JBR)
M12	12182	18-6	0541	Sat	291 1 6364 75 6364 75 24009 ...	CW	(PPA)

M12	16269	18-6	2110	Sat	263 1 1818 157 23154 24257 82563 ... 02562 05932 94286 000 000	CW	(Danix)
M12	14669	18-6	2130	Sat	263 1 1818 157 23154 24257 82563 ... 02562 05932 94286 000 000	CW	(Danix)
M12	13369	18-6	2150	Sat	263 1 1818 157 23154 24257 82563 ... 02562 05932 94286 000 000	CW	(Danix)
M12	16117	20-6	1400	Mon	174 1 4334 87 06678 10840 10265 70241 75635 ... 98652 98626 56607 69277 19423 000 000	CW	(MPJ)
M12	14717	20-6	1420	Mon	174 1 4334 87 06678 10840 10265 70241 75635 ... 98652 98626 56607 69277 19423 000 000	CW	(MPJ)
M12	9176	20-6	1800	Mon	257 1 7855 140 20707 50583 41732 15643 48307 ... 39056 79687 11644 77741 63950 000 000	CW	(MPJ)
M12	7931	20-6	1820	Mon	257 1 7855 140 20707 50583 41732 15643 48307 ... 39056 79687 11644 77741 63950 000 000	CW	(MPJ)
M12	6904	20-6	1840	Mon	257 1 7855 140 20707 50583 41732 15643 48307 ... 39056 79687 11644 77741 63950 000 000	CW	(MPJ)
M12	9178	21-6	0820	Tue	816 1 (R) 8049 68 00789 89979 15203 ... 07494 75326 57501 000 000	CW	(AB)
M12	10287	21-6	0840	Tue	816 1 (R) 8049 68 00789 89979 15203 ... 07494 75326 57501 000 000	CW	(AB)
M12	13417	22-6	0710	Wed	448 448 448 000	CW	(AB)
M12	14417	22-6	0730	Wed	448 448 448 000	CW	(AB)
M12	16117	22-6	1400	Wed	174 1 (R) 4334 87 06678 10840 10265 ... 56607 69277 19423 000 000	CW	(AB/MPJ)
M12	14717	22-6	1420	Wed	174 1 (R) 4334 87 06678 10840 10265 ... 56607 69277 19423 000 000	CW	(AB/MPJ)
M12	13417	22-6	1440	Wed	174 1 (R) 4334 87 06678 10840 10265 ... 56607 69277 19423 000 000	CW	(AB/MPJ)
M12	9180	22-6	1800	Wed	257 1 1609 140 46984 34399 05099 07789 82654 ... 92723 01104 69457 81962 18642 000 000	CW	(MPJ)
M12	7931	22-6	1820	Wed	257 1 1609 140 46984 34399 05099 07789 82654 ... 92723 01104 69457 81962 18642 000 000	CW	(MPJ)
M12	6904	22-6	1840	Wed	257 1 1609 140 46984 34399 05099 07789 82654 ... 92723 01104 69457 81962 18642 000 000	CW	(MPJ)
M12	8047	22-6	1900	Wed	463 1 7775 148 98625 38166 81821 29737 50879 ... 66439 10139 81635 99334 17979 000 000	CW	(MPJ)
M12	6802	22-6	1920	Wed	463 1 7775 148 98625 38166 81821 29737 50879 ... 66439 10139 81635 99334 17979 000 000	CW	(MPJ)
M12	5788	22-6	1940	Wed	463 1 7775 148 98625 38166 81821 29737 50879 ... 66439 10139 81635 99334 17979 000 000	CW	(MPJ)
M12	7984	23-6	0630	Thu	911 911 911 000	CW	(AB/HFD)
M12	9184	23-6	0650	Thu	911 911 911 000	CW	(AB/HFD)

M12	11435	23-6	1800	Thu	938 1 3074 148 24980 84421 70135 80463 94587 ... 86099 19212 30951 49374 60732 000 000	CW	(MPJ)
M12	10598	23-6	1820	Thu	938 1 3074 148 24980 84421 70135 80463 94587 ... 86099 19212 30951 49374 60732 000 000	CW	(MPJ)
M12	9327	23-6	1840	Thu	938 1 3074 148 24980 84421 70135 80463 94587 ... 86099 19212 30951 49374 60732 000 000	CW	(MPJ)
M12	9176	23-6	1900	Thu	257 1 9339 110 16280 94369 10962 62468 47887 ... 09674 83683 98371 52929 27176 000 000	CW	(MPJ)
M12	7931	23-6	1920	Thu	257 1 9339 110 16280 94369 10962 62468 47887 ... 09674 83683 98371 52929 27176 000 000	CW	(MPJ)
M12	6904	23-6	1940	Thu	257 1 9339 110 16280 94369 10962 62468 47887 ... 09674 83683 98371 52929 27176 000 000	CW	(MPJ)
M12	8047	23-6	2000	Thu	463 1 7829 79 57299 40215 93049 61417 52343 ... 79214 77621 30447 61229 99881 000 000	CW	(MPJ)
M12	9282	25-6	0520	Sat	291 291 291 000	CW	(AB)
M12	10982	25-6	0520	Sat	291 291 291 000	CW	(AB)
M12	13873	25-6	1310	Sat	834 1 (R) 1905 155 70885 14106 68141 ... 82343 88681 82298 000 000	CW	(AB/MPJ)
M12	13373	25-6	1330	Sat	834 1 (R) 1905 155 70885 14106 68141 ... 82343 88681 82298 000 000	CW	(AB/MPJ)
M12	11473	25-6	1350	Sat	834 1 (R) 1905 155 70885 14106 68141 ... 82343 88681 82298 000 000	CW	(AB/MPJ)
M12	6857	27-6	0430	Mon	850 850 850 000	CW	(HFD)
M12	7557	27-6	0450	Mon	850 850 850 000	CW	(HFD)
M12	16117	27-6	1400	Mon	174 174 174 000	CW	(AB/MPJ)
M12	14717	27-6	1420	Mon	174 174 174 000	CW	(AB/MPJ)
M12	9176	27-6	1800	Mon	257 1 3549 149 93061 99217 05877 22020 67122 ... 67581 10755 77726 70835 07587 000 000	CW	(MPJ)
M12	9176	28-6	2000	Tue	257 1 6318 69 92722 62598 77522 13764 96547 ... 66820 93038 54373 81852 63602 000 000	CW	(MPJ)
M12	13417	29-6	0710	Wed	448 448 448 000	CW	(AB)
M12	14417	29-6	0730	Wed	448 448 448 000	CW	(AB)
M12	16117	29-6	1400	Wed	174 174 174 000	CW	(AB)
M12	14717	29-6	1420	Wed	174 174 174 000	CW	(AB/MPJ)
M12	6904	29-6	1840	Wed	257 1 7152 144 40401 02938 35947 10497 05595 ... 20395 40264 98563 48197 03753 000 000	CW	(MPJ)
M12	8047	29-6	1900	Wed	463 1 1737 148 27919 85031 85051 79720 27275 ... 61084 78838 40847 94888 35694 000 000	CW	(MPJ)
M12	6802	29-6	1920	Wed	463 1 1737 148 27919 85031 85051 79720 27275 ... 61084 78838 40847 94888 35694 000 000	CW	(MPJ)
M12	5788	29-6	1940	Wed	463 1 1737 148 27919 85031 85051 79720 27275 ... 61084 78838 40847 94888 35694 000 000	CW	(MPJ)
M12	9986	29-6	2100	Wed	903 903 903 000	CW	(AB)
M12	16269	29-6	2110	Wed	263 263 263 000	CW	(AB)

M12	9086	29-6	2120	Wed	903 903 903 000	CW	(AB/HFD)
M12	14669	29-6	2130	Wed	263 263 263 000	CW	(AB)
M12	7984	30-6	0630	Thu	911 911 911 000	CW	(AB)
M12	9184	30-6	0650	Thu	911 911 911 000	CW	(AB)
M12	12193	30-6	0700	Thu	112 112 112 000	CW	(AB-J)
M12	11103	30-6	0720	Thu	112 112 112 000	CW	(AB-J)
M12	13873	30-6	1310	Thu	834 1 (R) 1196 173 71677 56693 87324 ... 69886 41591 16003 000 000	CW	(AB)
M12	13373	30-6	1330	Thu	834 1 (R) 1196 173 71677 56693 87324 ... 69886 41591 16003 000 000	CW	(AB/MPJ)
M12	11473	30-6	1350	Thu	834 1 (R) 1196 173 71677 56693 87324 ... 69886 41591 16003 000 000	CW	(AB/MPJ)
M12	11435	30-6	1800	Thu	938 1 6543 146 30036 48003 02675 20890 75097 ... 74237 61223 86149 28003 07302 000 000	CW	(MPJ)
M12	10598	30-6	1820	Thu	938 1 6543 146 30036 48003 02675 20890 75097 ... 74237 61223 86149 28003 07302 000 000	CW	(MPJ)
M12	9327	30-6	1840	Thu	938 1 6543 146 30036 48003 02675 20890 75097 ... 74237 61223 86149 28003 07302 000 000	CW	(MPJ)
M12	9176	30-6	1900	Thu	257 1 1142 110 25231 98047 27133 61997 00672 ... 31542 01306 69814 40113 99854 000 000	CW	(MPJ)
M12	7931	30-6	1920	Thu	257 1 1142 110 25231 98047 27133 61997 00672 ... 31542 01306 69814 40113 99854 000 000	CW	(MPJ)
M12	6904	30-6	1940	Thu	257 1 1142 110 25231 98047 27133 61997 00672 ... 31542 01306 69814 40113 99854 000 000	CW	(MPJ)
M14	9463	1-6	1900	Wed	801 397 50 = 22461 89373 16256 ... 06967 37865 06366 = 397 50 00000	CW	(MPJ)
M14	7360	1-6	1930	Wed	801 397 50 = 22461 89373 16256 ... 06967 37865 06366 = 397 50 00000	CW	(MPJ)
M14	9463	2-6	1900	Thu	801 724 50 = = 39411 49225 35710 34236 77516 ... 20737 13674 37511 18300 84482 = = 724 50 00000	CW	(MPJ)
M14	7358	2-6	1930	Thu	801 724 50 = = 39411 49225 35710 34236 77516 ... 20737 13674 37511 18300 84482 = = 724 50 00000	CW	(MPJ)
M14	7485	3-6	1700	Fri	382 382 382 00000	MCW	(F5JBR)
M14	6891	3-6	1800	Fri	382 382 382 00000	MCW	(F5JBR)
M14	9463	3-6	1900	Fri	801 369 50 = = 22709 56001 86214 45798 60161 ... 03113 36175 09521 57857 39729 = = 369 50 00000	CW	(MPJ)
M14	7360	3-6	1930	Fri	801 369 50 = = 22709 56001 86214 45798 60161 ... 03113 36175 09521 57857 39729 = = 369 50 00000	CW	(MPJ)
M14	9463	5-6	1900	Sun	801 (R) 693 50 34141 38983 78951 ... 67331 03590 10273 693 50 00000	CW	(qsr711)
M14	7353	5-6	1930	Sun	801 (R) 693 50 34141 38983 78951 ... 67331 03590 10273 693 50 00000	CW	(qsr711)
M14	7353	5-6	1930	Sun	801 693 50 = = 34141 38983 78951 42280 24817 ... 92318 85137 67331 03590 10273 = = 693 50 00000	CW	(MPJ)

M14	9463	6-6	1900	Mon	801 274 50 = 90392 48272 67849 ... 05419 68989 54420 = 274 50 00000	CW	(MPJ)
M14	7358	6-6	1930	Mon	801 274 50 = 90392 48272 67849 ... 05419 68989 54420 = 274 50 00000	CW	(MPJ)
M14	9463	12-6	1900	Sun	801 (R) 297 50 = 80381 19023 32301 ... 23042 14108 45418 = = 297 297 00000	CW	(AB/MPJ)
M14	7358	12-6	1930	Sun	801 (R) 297 50 = 80381 19023 32301 ... 23042 14108 45418 = = 297 297 00000	CW	(AB/MPJ)
M14	5241	12-6	2300	Sun	376 (R) 190 50 12345 43435 67674 ... 80989 56890 34087 = = 190 50 00000	CW	(AB)
M14	9463	13-6	1900	Mon	801 346 50 = = 67555 59509 17345 80476 08983 ... 13032 91084 53329 61683 00202 = = 346 50 00000	CW	(MPJ)
M14	7353	13-6	1930	Mon	801 346 50 = = 67555 59509 17345 80476 08983 ... 13032 91084 53329 61683 00202 = = 346 50 00000	CW	(MPJ)
M14	6856	14-6	1821	Tue	163 124 89 67345 90347 89346 12904 89340 ... 56784 23674 34895 89456 89340 124 89 00000	MCW	(MPJ)
M14	9463	14-6	1900	Tue	801 279 50 = = 79132 13096 89747 ... 72411 09520 89285 279 50 00000	CW	(AB/MPJ)
M14	7358	14-6	1930	Tue	801 279 50 = = 79132 13096 89747 ... 72411 09520 89285 279 50 00000	CW	(AB/MPJ)
M14	5938	15-6	1920	Wed	417 230 65 12345 43435 67674 83838 98765 ... 76543 45665 77721 03264 78967 230 65 00000	MCW	(MPJ/HFD)
M14	6891	17-6	1800	Fri	382 382 382 00000	MCW	(MPJ)
M14	5240	19-6	2300	Sun	376 (R) 150 190 50 50 12345 43435 67674 ... 80989 56890 34087 190 190 50 50 00000 errors	CW	(AB)
M14	5825	20-6	0000	Mon	376 (R) 190 190 50 50 12345 43435 67674 ... 80989 56890 34087 150 150 50 50 00000 errors	CW	(AB)
M14	10755	20-6	1310	Mon	GRU test? i.p. 56946 93885 78963 00443 84089 87723 78518 48751 71956 26933 15236 42236 21589 49696 19951 09659 24717 = = 261 261 57 57 00000	CW	(Benka)
M14	8116	21-6	0616	Tue	i.p. 03513 98189 98189 52618 53260 40291 26205= 356 10 00000 (21juin16) (F5JBR)	CW	(F5JBR)
M14	10423	21-6	1314	Tue	i.p. 70318 09967 04638 00998 27045 49629 04882 20744 62847 36171 86095 = = 139 56 00000	CW	(F5JBR)
M14	9463	22-6	1900	Wed	801 942 10 85955 42658 48987 18940 06473 89052 31933 48224 23995 23866 ...	CW	(qsr711)
M14	7353	22-6	1930	Wed	801 942 10 85955 42658 48987 18940 06473 89052 31933 48224 23995 23866 ...	CW	(qsr711)
M14	16347	25-6	0930	Sat	617 617 617 00000	CW	(AB)
M14	7590	26-6	0600	Sun	382 382 382 00000	CW	(AB)
M14	8162	26-6	0700	Sun	382 382 382 00000	CW	(AB)

M14	6856	28-6	1820	Tue	163 124 89 67345 90347 89346 12904 89340 ... 56784 23674 34895 89456 89340 124 89 00000	MCW	(MPJ/HFD)
M21	6421.5	4-6	1738	Sat	Russian Air Defence =992038??8????? =992039??8????? =992040??8????? =992041??8?????	CW	(F5JBR)
M21	3547.5	9-6	0340	Thu	9958998368340 9959993368640 9958998345344 9959993343844	CW	(F5JBR)
M21	7249	9-6	0448	Thu	=990751??0????? =990752??0????? =990753??0????? =990754??0????? =990755??0????? =990756??0?????	CW	(F5JBR)
M21	7249	10-6	0421	Fri	=990722??0?????	CW	(PPA)
M21	2738.5	12-6	1728	Sun	99029111511800 9900998369328 9902993343532 99009905279323 9900990527932 0099049 ...	CW	(F5JBR)
M21	3246.5	13-6	2003	Mon	=992307??0????? =9923018??0????? =992309??0????? =992310??0?????	CW	(F5JBR)
M21	3246	21-6	0303	Tue	Russian Air Defence =990603??0????? =990604??0????? =990605??0????? =990606??0?????	CW	(F5JBR)
M21	4941	22-6	1645	Wed	Russian Air Defence =991946??8????? =991947??8????? =991948??8????? =991949??8????? =991950??8????? =991951??8?????	CW	(F5JBR)
M22	2680	1-6	0205	Wed	VVV DE 4XZ 4XZ	CW	(F5JBR)
M22	4331	1-6	0258	Wed	VVV DE 4XZ 4XZ	CW	(F5JBR)
M22	8726	3-6	2349	Fri	VVV DE 4XZ 4XZ = =	CW	(MCO)
M22	2680	11-6	1900	Sat	VVV DE 4XZ	CW	(F4LKC)
M23	8030	15-6	1731	Wed	943 (R)	CW	(F5JBR)
M23	8030	15-6	1800	Wed	943 (R)	CW	(F5JBR)
M23	5182	16-6	1631	Thu	i.p. 943 (R) //8030 kHz	CW	(AB/F5JBR)
M23	8030	16-6	1631	Thu	i.p. 943 (R) //5182 kHz	CW	(AB/F5JBR)
M23	5182	16-6	1700	Thu	943 (R12) //8030 kHz	CW	(AB/F5JBR)
M23	8030	16-6	1700	Thu	943 (R12) //5182 kHz	CW	(AB/F5JBR)
M23	5182	16-6	1730	Thu	943 (R12) //8030 kHz	CW	(AB/F5JBR)
M23	8030	16-6	1730	Thu	943 (R12) //5182 kHz	CW	(AB/F5JBR)
M23	5182	16-6	1800	Thu	943 (R12) //8030 kHz	CW	(AB)
M23	8030	16-6	1800	Thu	943 (R12) //5182 kHz	CW	(AB)
M23	5182	17-6	1700	Fri	943 (R12) //8030 kHz	CW	(Danix)
M23	8030	17-6	1700	Fri	943 (R12) //5182 kHz	CW	(Danix)
M23	5182	17-6	1730	Fri	943 (R12) //8030 kHz	CW	(Danix)
M23	8030	17-6	1730	Fri	943 (R12) //5182 kHz	CW	(Danix)
M23	5182	17-6	1800	Fri	943 (R12) //8030 kHz	CW	(Danix/MPJ)
M23	8030	17-6	1800	Fri	943 (R12) //5182 kHz	CW	(Danix/MPJ)
M23	5345	18-6	1430	Sat	246 (R12) //6806 kHz	CW	(qsr711/Danix/F5JBR)
M23	6806	18-6	1430	Sat	246 (R12) //5345 kHz	CW	(qsr711/Danix/F5JBR)
M23	5345	18-6	1500	Sat	246 (R12) //6806 kHz	CW	(qsr/Danix/F5JBR)
M23	6806	18-6	1500	Sat	246 (R12) //5345 kHz	CW	(qsr711/Danix/F5JBR)

M23	5345	18-6	1530	Sat	246 (R12) //6806 kHz	CW	(qsr711)
M23	6806	18-6	1530	Sat	246 (R12) //5345 kHz	CW	(qsr711)
M23	5345	19-6	1430	Sun	246 (R16) //6806 kHz. Several stops and restarts	CW	(AB/F5JBR)
M23	6806	19-6	1430	Sun	246 (R16) //5345 kHz. Several stops and restarts	CW	(AB/F5JBR)
M23	5345	19-6	1500	Sun	246 (R16) //6806 kHz.	CW	(AB/F5JBR)
M23	6806	19-6	1500	Sun	246 (R16) //5345 kHz.	CW	(AB/F5JBR)
M23	5345	19-6	1530	Sun	246 (R12) //6806 kHz.	CW	(AB)
M23	6806	19-6	1530	Sun	246 (R12) //5345 kHz.	CW	(AB)
M23	5345	20-6	1430	Mon	246 (R14)	CW	(MPJ)
M23	5345	20-6	1500	Mon	246 (R14) //6806 kHz.	CW	(AB/MPJ)
M23	6806	20-6	1500	Mon	246 (R14) //5345 kHz.	CW	(AB/MPJ)
M23	5345	20-6	1530	Mon	246 (R14) //6806 kHz.	CW	(AB/MPJ)
M23	6806	20-6	1530	Mon	246 (R14) //5345 kHz.	CW	(AB/MPJ)
M23	5345	21-6	1430	Tue	246 (R14) //6806 kHz.	CW	(AB/MPJ)
M23	6806	21-6	1430	Tue	246 (R14) //5345 kHz.	CW	(AB/MPJ)
M23	5345	21-6	1530	Tue	246 (R14) //6806 kHz.	CW	(AB/MPJ)
M23	6806	21-6	1530	Tue	246 (R14) //5345 kHz.	CW	(AB/MPJ)
M23	5345	22-6	1430	Wed	246 (R16) //6806 kHz.	CW	(AB/MPJ)
M23	6806	22-6	1430	Wed	246 (R16) //5345 kHz.	CW	(AB/MPJ)
M23	5345	22-6	1500	Wed	246 (R16) //6806 kHz.	CW	(AB/MPJ/F5JBR)
M23	6806	22-6	1500	Wed	246 (R16) //5345 kHz.	CW	(AB/MPJ/F5JBR)
M23	5345	22-6	1530	Wed	246 (R16) //6806 kHz.	CW	(AB/MPJ)
M23	6806	22-6	1530	Wed	246 (R16) //5345 kHz.	CW	(AB/MPJ)
M23	5345	23-6	1430	Thu	246 (R16) //6806 kHz.	CW	(AB)
M23	6806	23-6	1430	Thu	246 (R16) //5345 kHz.	CW	(AB)
M23	5345	23-6	1500	Thu	246 (R16) //6806 kHz.	CW	(AB/MPJ)
M23	6806	23-6	1500	Thu	246 (R16) //5345 kHz.	CW	(AB/MPJ)
M23	5345	23-6	1530	Thu	246 (R16) //6806 kHz.	CW	(AB/MPJ)
M23	6806	23-6	1530	Thu	246 (R16) //5345 kHz.	CW	(AB/MPJ)
M23	5345	24-6	1430	Fri	246 (R16) //6806 kHz.	CW	(AB/MPJ)
M23	6806	24-6	1430	Fri	246 (R16) //5345 kHz.	CW	(AB/MPJ)
M23	5345	24-6	1500	Fri	246 (R16) //6806 kHz.	CW	(AB/MPJ)
M23	6806	24-6	1500	Fri	246 (R16) //5345 kHz.	CW	(AB/MPJ)
M23	5345	24-6	1530	Fri	246 (R16) //6806 kHz.	CW	(AB/MPJ)
M23	6806	24-6	1530	Fri	246 (R16) //5345 kHz.	CW	(AB/MPJ)
M32	4633.5	1-6	0643	Wed	XXX FAKZ MUVNISTX 8677 K	CW	(F5JBR)
M32	14552	1-6	1202	Wed	RGT77: XXX XB2M 36676 SPO-ROPION 1246 8505 K. 15808//14552//16223 kHz	CW	(F5JBR)
M32	15808	1-6	1202	Wed	RGT77: XXX XB2M 36676 SPO-ROPION 1246 8505 K. 15808//14552//16223 kHz	CW	(F5JBR)
M32	16223	1-6	1202	Wed	RGT77: XXX XB2M 36676 SPO-ROPION 1246 8505 K. 15808//14552//16223 kHz	CW	(F5JBR)
M32	4784.5	6-6	0431	Mon	ALGETA-43 clg BRIK-43, MALGA-46, STOVAK-31, KABEL-63, OLIFA-21, ROULOT-66	CW	(F5JBR)
M32	4034	9-6	0505	Thu	LDBO QTC DDDDDD	CW	(F5JBR)
M32	6513.5	10-6	1409	Fri	RAPIDOK-43 clg AIWA-21	CW	(F5JBR)
M32	16228	12-6	0800	Sun	XXX LR43 TENIOESKAA PROWERKA 592 K	CW	(F5JBR)
M32	16228	14-6	1130	Tue	XXX LR43 TENIOESKAA PROWERKA 540 K	CW	(F5JBR)
M32	5268	17-6	0215	Fri	RDL RDL RDL 11111 77635 54667 53800 ... 43239 93206 16148 K	CW	(Benka)
M32	5268	17-6	0229	Fri	RDL RDL RDL 11111 25170 74228 17574 ... 98179 22549 17068 K	CW	(Benka)

M32	8109	17-6	0731	Fri	RGT77: XXX ... ILOMOL 9973 1572 K	CW	(F5JBR)
M32	14552	17-6	0815	Fri	RGT77: XXX N1DX 39472 PADEV 6734 2988 K //8109 kHz	CW	(F5JBR)
M32	14552	17-6	0930	Fri	RGT77: XXX N1DX 45791 PLODOZOLX 3721 4811 K //16223 kHz	CW	(F5JBR)
M32	16223	17-6	0940	Fri	RGT77: XXX G25O 83179 AWTO- PROBEG 3436 8557 K //14552 kHz	CW	(F5JBR)
M32	16223	17-6	0951	Fri	RGT77: XXX CSWY 19262 SA- DOWERH 7821 6355 K //14552 kHz	CW	(F5JBR)
M32	14552	17-6	1005	Fri	RGT77: XXX 69BV 31703 PEDAGOG 8074 9449 K //16223 kHz	CW	(F5JBR)
M32	15804	17-6	1438	Fri	Messages. Opchat in Morse: 9DBK de YAJQ QRJ 3 AR	CIS- 12/AT3004D/USB	(F5JBR)
M32	11075	19-6	0651	Sun	Messages. Opchat in Morse: YAJQ de 9HBK K. 9HBK de YAJQ K. 9HBK QRJ 3 QRJ ? K. YAJQ QRJ 3 K. 9HBK QTC K. YAJQ QRV K ...	FSK 50/250	(F5JBR)
M32	18.1	20-6	0940	Mon	XXX XXX XXX WEGI WEGI (message; repeat) K	CW	(JM5)
M32	4449	22-6	1746	Wed	7LJF: XXX GJBW 41755 BEZPOASINK 3801 5693 K	CW	(F5JBR)
M32	13997	25-6	1000	Sat	B1F2 B1F2 DE ETKC QRJ4 QMV1 QYT9 K	CW	(F4LKC)
M32a	4598	3-6	1802	Fri	RJC66 de RKI90 QSA ? QTC K and 229 15 3 2102 229 = SML FOR RJH45 RJD38 = 03181 99570 10204 ...	CW	(F5JBR)
M32a	12464	13-6	1805	Mon	RLA88: Rus Navy Ship Yelnya. RCV DE RLA88 306 19 13 2100 306 = SML FOR RJH45 RJE73 = 13181 99375 10058 ... 334// 40701 13015 = + RLA88 K	CW	(Tom)
M32a	5131.5	18-6	1950	Sat	RMED DE RMP QTC 963 81 15 2211 963 = SML =	CW	(JPL-S)
M32a	3315.5	23-6	0445	Thu	RCV: XXX RJV 47781 KANMIJ 5965 4274 K	CW	(F5JBR)
M32c	8895	6-6	1800	Mon	W-markers: Tu-95MS Bear H net	CW	(Tom)
M32c	8895	10-6	0640	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(Tom)
M32c	8895	10-6	0740	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(AB)
M32c	8895	10-6	0800	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(AB)
M32c	8895	10-6	0820	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(AB)
M32c	8895	10-6	0840	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(AB)
M32c	8895	10-6	0900	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(AB)
M32c	8895	10-6	0920	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(AB)
M32c	8895	10-6	0940	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(AB)
M32c	8895	10-6	1200	Fri	W-markers: Tu-95MS Bear H net. W (R2) K	CW	(Tom)
M32c	8895	10-6	1211	Fri	TV6P: Tu-95MS Bear H net NCS. OY9K DE TV6P QSA 4 K	CW	(Tom)
M32c	13479	17-6	0818	Fri	XXX 1QRF 50216 PADEV 6734 2978 K	CW	(F5JBR)

M32c	13396	17-6	0819	Fri	XXX N1DX 72163 WSKRIK 9092 2505 K	CW	(F5JBR)
M32c	13479	17-6	0820	Fri	XXX 1QRF 92748 WKSRIK 9092 2505 K	CW	(F5JBR)
M32c	16223	17-6	0900	Fri	XXX 1QRF 82074 INGUCH 8116 3842 K	CW	(F5JBR)
M32c	13479	17-6	0938	Fri	XXX G250 54499 PONGOLOG 89574265 K	CW	(F5JBR)
M32c	13479	17-6	0943	Fri	XXX G250 83179 AWTOPROBEG 3436 8557 K	CW	(F5JBR)
M32c	13479	17-6	0954	Fri	XXX APT5 04938 TAZODERN 3436 6770 K	CW	(F5JBR)
M32c	13479	17-6	0955	Fri	XXX G250 26484 SADOWERH 7821 6355 K	CW	(F5JBR)
M32c	13479	17-6	0957	Fri	XXX MSS9 19978 SYÈOKLAN 4156 9358 K	CW	(F5JBR)
M32c	13479	17-6	1002	Fri	XXXX G250 21146 SNEGIRX 8310 6546 K	CW	(F5JBR)
M32c	13479	17-6	1010	Fri	XXX G250 03028 PEREDAËA 2059 0648 SYNOCHIP 8367 6150 K	CW	(F5JBR)
M32c	13479	17-6	1013	Fri	XXX G250 23659 ZEFIR 9382 3545 K	CW	(F5JBR)
M32c	13479	17-6	1018	Fri	XXX G250 93207 GORNOBLEF 9795 9500 K	CW	(F5JBR)
M32c	13479	17-6	1021	Fri	XXX G250 70356 PUCHNOJ 9787 2723 K	CW	(F5JBR)
M32c	13479	17-6	1023	Fri	XXX G250 90026 GALOËIJ 4156 9358 K	CW	(F5JBR)
M32c	13479	17-6	1026	Fri	XXX G250 86448 REËNOJ 5064 1535 K	CW	(F5JBR)
M32c	13479	17-6	1028	Fri	XXX G250 86194 GRUMOSERP 7513 4804 K	CW	(F5JBR)
M41	5799	8-6	1718	Wed	PWZW: 5271 8353 754763 5912844 = 005271 8353745 12054 = 5271 83 0573345 ... //7944 kHz	CW	(F5JBR)
M41	7944	8-6	1718	Wed	PWZW: 5271 8353 754763 5912844 = 005271 8353745 12054 = 5271 83 0573345 ... //5799 kHz	CW	(F5JBR)
M41	7604	10-6	0824	Fri	PWZW = 5337 8361691 8100125 = 2348 313072 25 = 5337 8361691 8108227 = 5234 8313079 4100627 ...	CW	(F5JBR)
M41	6319	16-6	0548	Thu	N9UV comms checks //6803 kHz	CW	(F5JBR)
M41	6803	16-6	0548	Thu	N9UV comms checks //6319 kHz	CW	(F5JBR)
M41	5918	16-6	0635	Thu	9062861531834 965868692232 9606861589134 ...	CW	(F5JBR)
M41	5937	16-6	0650	Thu	i.p. 538517 96237401511850 9601868533440 9604868518640517 ...	CW	(F5JBR)
M41	5346.5	16-6	0701	Thu	51799097250 511900 9908998371300 9909998377900 9902997311200 ...	CW	(F5JBR)
M41	9244	17-6	0600	Fri	PWZ8 PWZ8 PWZ8 AR	CW	(F5JBR)
M41	8017	18-6	1701	Sat	Russian Air Defence: SUEO SUEO SUEO AR	CW	(MPJ)
M41	7604	20-6	1425	Mon	i.p. 5382 83284419107325 = 5382 832843828 = 5382 83254579107830 = 5382 8325 4589107431 = PWZW = 5382 83652629033 =	CW	(F5JBR)

M42	5938	17-6	0425	Fri	i.p. NW 383 20 17 0400 6888 = 54637 33824 13765 57890 04562 ... 34251 56483 89342 65734 37564 = K CFM NIL SK	CW	(F5JBR)
M42	16169	21-6	1156	Tue	Russian Diplo. Serdolik selcall fol- lowed by Serdolik MFSK-34 40Bd 40Hz (Crowd-36) traffic	CROWD-36	(AAI)
M42b	11453	10-6	1420	Fri	K4MT wkg NT9P. Messages in FSK, opchat in Morse: QRU NIL QRW AR	CW	(F5JBR)
M42b	14789	16-6	0800	Thu	Russian Gov/Intel. Msg in FSK, op- chat in CW. 493 100 16 0800 0591 = 40482 35993 85420 ... 81)39 77772 67471 =50= seperator	FSK 50/500	(Benka)
M42b	7450	17-6	0500	Fri	K4MT wkg NT9P. Traffic in FSK, op- chat in Morse: QRU NIL QRX AR	CW	(F5JBR)
M42b	7978	17-6	0508	Fri	YDEW wkg MJFQ. Traffic in FSK, op- chat in Morse: QRU NIL SK	FSK 50/500	(F5JBR)
M42b	9051	18-6	1406	Sat	PRAT wkg LKDW. Messages in FSK, opchat in Morse: QRU NIL QRX AR	CW	(F5JBR)
M42b	9051	18-6	1434	Sat	NT9P eeeeeeeee LKDW de PRAT QSA NO QSY 35176 K	CW	(F5JBR)
M42b	6993	20-6	0554	Mon	SFDZ wkg outstation. Message in FSK, opchat in Morse: QRU NIL QRX AR	FSK 50/500	(F5JBR)
M42b	3531	21-6	0309	Tue	NET Wkg with outstations. Mes- sages in FSK, opchat in Morse: QRU NIL QRX AR	FSK 50/500	(F5JBR)
M42b	5857	21-6	0551	Tue	LXMT wkg outstations. Messages in FSK, opchat in Morse: QRU NIL QRX AR	FSK 50/500	(F5JBR)
M42b	14810	21-6	0644	Tue	RDZ wkg UUI. Comms checks	CW	(F5JBR)
M42b	6771	21-6	1406	Tue	L2RS wkg KE4T. Message in FSK, op- chat in Morse: QRU NIL QRX AR	FSK 50/500	(F5JBR)
M42c	11128	1-6	1100	Wed	Russian diplo/intel. 59400 54517 10267 ... 12482 36693 13161 00000	FSK 200/500	(Danix)
M42c	13479	1-6	1110	Wed	Russian diplo/intel. 59400 54517 10267 ... 12482 36693 13161 00000	FSK 200/500	(Danix)
M42c	15782	1-6	1120	Wed	Russian diplo/intel. 59400 54517 10267 ... 12482 36693 13161 00000	FSK 200/500	(Danix)
M42c	16286	1-6	1230	Wed	Russian Intel, Moscow. Null mes- sage. Wrong modem, should be M42d	FSK 200/500	(Danix)
M42c	14517	1-6	1240	Wed	Russian Intel, Moscow. Null mes- sage. Wrong modem, should be M42d	FSK 200/500	(Danix)
M42c	12179	1-6	1250	Wed	Russian Intel, Moscow. Null mes- sageLink ID: 53277	FSK 200/1000	(Danix)
M42c	17496	4-6	1200	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(MPJ/Danix)
M42c	15932	4-6	1210	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(MPJ/Danix)
M42c	13481	4-6	1220	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(MPJ/Danix)
M42c	16322	4-6	1810	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	14804	4-6	1820	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	12207	4-6	1830	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)

M42c	14621	7-6	1840	Tue	Russian diplo/intel. Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	12206	7-6	1850	Tue	Russian diplo/intel. Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	10465	7-6	1900	Tue	Russian diplo/intel. Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	17496	11-6	1200	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix/HFD)
M42c	15932	11-6	1210	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix/HFD)
M42c	13481	11-6	1220	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix/HFD)
M42c	16322	11-6	1810	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	14804	11-6	1820	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	12207	11-6	1830	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	17496	18-6	1200	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	15932	18-6	1210	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	13481	18-6	1220	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	16322	18-6	1810	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix/HFD)
M42c	14804	18-6	1820	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix/HFD)
M42c	12207	18-6	1830	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/Danix/HFD)
M42c	17496	25-6	1200	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	15932	25-6	1210	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/MPJ)
M42c	13481	25-6	1220	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB/MPJ)
M42c	16322	25-6	1810	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	14804	25-6	1820	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	12207	25-6	1830	Sat	Russian intel/diplo.)5761 00000+++++++162	FSK 200/500	(AB)
M42d	15906	1-6	0800	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(Danix)
M42d	13468	1-6	0810	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(Danix)
M42d	11114	1-6	0820	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(Danix)
M42d	17436	1-6	1650	Wed	Russian diplo/intel. Link ID 20501, Date 30th, Serial #56	FSK 200/1000	(Danix)
M42d	15789	1-6	1700	Wed	Russian diplo/intel. Link ID 20501, Date 30th, Serial #56	FSK 200/1000	(Danix)
M42d	13376	1-6	1710	Wed	Russian diplo/intel. Link ID 20501, Date 30th, Serial #56	FSK 200/1000	(Danix)
M42d	17476	1-6	2200	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(Danix)

M42d	15843	1-6	2210	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(Danix)
M42d	13488	1-6	2220	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(Danix)
M42d	13543	2-6	1330	Thu	Russian diplo/intel. Link ID 49237, Date 30th, Serial #21	FSK 200/1000	(Danix)
M42d	11154	2-6	1340	Thu	Russian diplo/intel. Link ID 49237, Date 30th, Serial #21	FSK 200/1000	(Danix)
M42d	9221	2-6	1350	Thu	Russian diplo/intel. Link ID 49237, Date 30th, Serial #21	FSK 200/1000	(Danix)
M42d	13543	3-6	1330	Fri	Russian diplo/intel. Link ID 49237, Date 30th, Serial #21	FSK 200/1000	(Danix)
M42d	11154	3-6	1340	Fri	Russian diplo/intel. Link ID 49237, Date 30th, Serial #21	FSK 200/1000	(Danix)
M42d	9221	3-6	1350	Fri	Russian diplo/intel. Link ID 49237, Date 30th, Serial #21	FSK 200/1000	(Danix)
M42d	14689	4-6	1100	Sat	Russian diplo/intel. Link ID 36882, Date 2nd, Serial #52	FSK 200/1000	(Danix)
M42d	12143	4-6	1110	Sat	Russian diplo/intel. Link ID 36882, Date 2nd, Serial #52	FSK 200/1000	(Danix)
M42d	10186	4-6	1120	Sat	Russian diplo/intel. Link ID 36882, Date 2nd, Serial #52	FSK 200/1000	(Danix)
M42d	18323	4-6	2100	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	15886	4-6	2110	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	13581	4-6	2120	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	14689	5-6	1100	Sun	Russian diplo/intel. Msg 130 on link 36882	FSK 200/1000	(AB/Danix)
M42d	12143	5-6	1110	Sun	Russian diplo/intel. Msg 130 on link 36882	FSK 200/1000	(AB/Danix)
M42d	10186	5-6	1120	Sun	Russian diplo/intel. Msg 130 on link 36882	FSK 200/1000	(AB/Danix)
M42d	18214	5-6	1530	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(Danix)
M42d	16234	5-6	1540	Sun	Russian diplo/intel. Msg 140 on link 20501	FSK 200/1000	(AB)
M42d	16234	5-6	1540	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(Danix)
M42d	14433	5-6	1550	Sun	Russian diplo/intel. Msg 140 on link 20501	FSK 200/1000	(AB)
M42d	14433	5-6	1550	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(Danix)
M42d	12064	6-6	0400	Mon	Russian diplo/intel. Link ID 45079, Date 2nd, Serial #14	FSK 200/1000	(Danix)
M42d	10926	6-6	0410	Mon	Russian diplo/intel. Link ID 45079, Date 2nd, Serial #14	FSK 200/1000	(Danix)
M42d	9049	6-6	0420	Mon	Russian diplo/intel. Link ID 45079, Date 2nd, Serial #14	FSK 200/1000	(Danix)
M42d	17481	7-6	1400	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/Danix)
M42d	15947	7-6	1410	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/Danix)
M42d	13468	7-6	1420	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/Danix)
M42d	17451	7-6	1650	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB/Danix)
M42d	15865	7-6	1700	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB/Danix)

M42d	13483	7-6	1710	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB/Danix)
M42d	14981	7-6	2300	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(Danix)
M42d	12203	7-6	2310	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(Danix)
M42d	11148	7-6	2320	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(Danix)
M42d	17512	8-6	0600	Wed	Russian diplo/intel. Msg 170 on link 32817	FSK 200/1000	(AB)
M42d	15930	8-6	0610	Wed	Russian diplo/intel. Msg 170 on link 32817	FSK 200/1000	(AB)
M42d	13503	8-6	0620	Wed	Russian diplo/intel. Msg 170 on link 32817	FSK 200/1000	(AB)
M42d	15906	8-6	0800	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	16330	8-6	0800	Wed	Russian diplo/intel. Link ID 16404, Date 7th, Serial #1	FSK 200/1000	(AB/Danix)
M42d	16330	8-6	0800	Wed	Russian diplo/intel. Link ID 16404, Date 7th, Serial #1	FSK 200/1000	(Danix)
M42d	13468	8-6	0810	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	14367	8-6	0810	Wed	Russian diplo/intel. Link ID 16404, Date 7th, Serial #1	FSK 200/1000	(Danix)
M42d	14367	8-6	0810	Wed	Russian diplo/intel. Link ID 16404, Date 7th, Serial #1	FSK 200/1000	(AB/Danix)
M42d	11114	8-6	0820	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	12141	8-6	0820	Wed	Russian diplo/intel. Link ID 16404, Date 7th, Serial #1	FSK 200/1000	(Danix)
M42d	12141	8-6	0820	Wed	Russian diplo/intel. Link ID 16404, Date 7th, Serial #1	FSK 200/1000	(AB/Danix)
M42d	12218	8-6	2100	Wed	Russian diplo/intel. Link ID 45079, Date 2nd, Serial #14	FSK 200/1000	(Danix)
M42d	11164	8-6	2110	Wed	Russian diplo/intel. Link ID 45079, Date 2nd, Serial #14	FSK 200/1000	(Danix)
M42d	9418	8-6	2120	Wed	Russian diplo/intel. Link ID 45079, Date 2nd, Serial #14	FSK 200/1000	(Danix)
M42d	17476	8-6	2200	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(AB/Danix)
M42d	15843	8-6	2210	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(AB/Danix)
M42d	13488	8-6	2220	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(AB/Danix)
M42d	17512	9-6	0600	Thu	Russian diplo/intel.	FSK 200/1000	(AB)
M42d	15930	9-6	0610	Thu	Russian diplo/intel.	FSK 200/1000	(AB)
M42d	13503	9-6	0620	Thu	Russian diplo/intel.	FSK 200/1000	(AB)
M42d	13543	9-6	1330	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M42d	11154	9-6	1340	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M42d	9221	9-6	1350	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M42d	16251	11-6	0800	Sat	Russian diplo/intel. Msg 080 on link 45114	FSK 200/1000	(AB/Danix)
M42d	14556	11-6	0810	Sat	Russian diplo/intel. Msg 080 on link 45114	FSK 200/1000	(AB/Danix)
M42d	12116	11-6	0820	Sat	Russian diplo/intel. Msg 080 on link 45114	FSK 200/1000	(AB/Danix)

M42d	16314	11-6	0900	Sat	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	14569	11-6	0910	Sat	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	12191	11-6	0920	Sat	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	14689	11-6	1100	Sat	Russian diplo/intel. Msg 132 on link 36882	FSK 200/1000	(AB/Danix)
M42d	12143	11-6	1110	Sat	Russian diplo/intel. Msg 132 on link 36882	FSK 200/1000	(AB/Danix)
M42d	10186	11-6	1120	Sat	Russian diplo/intel. Msg 132 on link 36882	FSK 200/1000	(AB/Danix)
M42d	18323	11-6	2100	Sat	Russian diplo/intel. Null msg on link 32821	FSK 200/1000	(AB/Danix)
M42d	15886	11-6	2110	Sat	Russian diplo/intel. Null msg on link 32821	FSK 200/1000	(AB/Danix)
M42d	13581	11-6	2120	Sat	Russian diplo/intel. Null msg on link 32821	FSK 200/1000	(AB/Danix)
M42d	16251	12-6	0800	Sun	Russian diplo/intel. Msg 080 on link 45114	FSK 200/1000	(AB/Danix)
M42d	14556	12-6	0810	Sun	Russian diplo/intel. Msg 080 on link 45114	FSK 200/1000	(AB/Danix)
M42d	12116	12-6	0820	Sun	Russian diplo/intel. Msg 080 on link 45114	FSK 200/1000	(AB/Danix)
M42d	16314	12-6	0900	Sun	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	14569	12-6	0910	Sun	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	12191	12-6	0920	Sun	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	14689	12-6	1100	Sun	Russian diplo/intel. Msg 132 on link 36882	FSK 200/1000	(AB/Danix)
M42d	12143	12-6	1110	Sun	Russian diplo/intel. Msg 132 on link 36882	FSK 200/1000	(AB/Danix)
M42d	10186	12-6	1120	Sun	Russian diplo/intel. Msg 132 on link 36882	FSK 200/1000	(AB/Danix)
M42d	18214	12-6	1530	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(AB/Danix)
M42d	16234	12-6	1540	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(AB/Danix)
M42d	14433	12-6	1550	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(AB/Danix)
M42d	17481	14-6	1400	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/MPJ/Danix)
M42d	15947	14-6	1410	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/MPJ/Danix)
M42d	13468	14-6	1420	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/MPJ/Danix)
M42d	17451	14-6	1650	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB/Danix)
M42d	15865	14-6	1700	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB/Danix)
M42d	13483	14-6	1710	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB/Danix)
M42d	14981	14-6	2300	Tue	Russian diplo/intel. Null msg on link 40988	FSK 200/1000	(Danix)
M42d	12203	14-6	2310	Tue	Russian diplo/intel. Null msg on link 40988	FSK 200/1000	(Danix)
M42d	11148	14-6	2320	Tue	Russian diplo/intel. Null msg on link 40988	FSK 200/1000	(Danix)

M42d	15906	15-6	0800	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	13468	15-6	0810	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	11114	15-6	0820	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	16286	15-6	1230	Wed	Russian diplo/intel. Null msg on link 53277	FSK 200/1000	(AB/Danix)
M42d	14517	15-6	1240	Wed	Russian diplo/intel. Null msg on link 53277	FSK 200/1000	(AB/Danix)
M42d	12179	15-6	1250	Wed	Russian diplo/intel. Null msg on link 53277	FSK 200/1000	(AB/Danix)
M42d	17476	15-6	2200	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(Danix)
M42d	15843	15-6	2210	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(Danix)
M42d	13488	15-6	2220	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(AB/Danix)
M42d	13543	16-6	1330	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M42d	11154	16-6	1340	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M42d	9221	16-6	1350	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M42d	16251	17-6	0800	Fri	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix)
M42d	14565	17-6	0810	Fri	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix)
M42d	12116	17-6	0820	Fri	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix)
M42d	16251	18-6	0800	Sat	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix/PPA)
M42d	14565	18-6	0810	Sat	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix/PPA)
M42d	12116	18-6	0820	Sat	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix/PPA)
M42d	18323	18-6	2100	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	15886	18-6	2110	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	13581	18-6	2120	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	16251	19-6	0800	Sun	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix)
M42d	14565	19-6	0810	Sun	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix)
M42d	12116	19-6	0820	Sun	Russian diplo/intel. Link ID 45115, Date 16th, Serial #33	FSK 200/1000	(Danix/AB)
M42d	18214	19-6	1530	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(AB)
M42d	16234	19-6	1540	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(AB)
M42d	14433	19-6	1550	Sun	Russian diplo/intel. Null message: Link ID 20501	FSK 200/1000	(AB)
M42d	12064	20-6	0400	Mon	Russian diplo/intel. Null msg on link ID 45079	FSK 200/1000	(AB)
M42d	10926	20-6	0410	Mon	Russian diplo/intel. Null msg on link ID 45079	FSK 200/1000	(AB)
M42d	9049	20-6	0420	Mon	Russian diplo/intel. Null msg on link ID 45079	FSK 200/1000	(AB)

M42d	17481	21-6	1400	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/MPJ)
M42d	15947	21-6	1410	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/MPJ)
M42d	13468	21-6	1420	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB)
M42d	17451	21-6	1650	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB)
M42d	15865	21-6	1700	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB)
M42d	13483	21-6	1710	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB)
M42d	14981	21-6	2300	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(AB)
M42d	12203	21-6	2310	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(AB)
M42d	11148	21-6	2320	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(AB)
M42d	15906	22-6	0800	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB)
M42d	16330	22-6	0800	Wed	Russian diplo/intel. Msg 002 on link 16404	FSK 200/1000	(AB)
M42d	13468	22-6	0810	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB)
M42d	14367	22-6	0810	Wed	Russian diplo/intel. Msg 002 on link 16404	FSK 200/1000	(AB)
M42d	11114	22-6	0820	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB)
M42d	12141	22-6	0820	Wed	Russian diplo/intel. Msg 002 on link 16404	FSK 200/1000	(AB)
M42d	15629	22-6	0915	Wed	Russian diplo/intel. Null msg on link 20492	FSK 200/1000	(AB)
M42d	13376	22-6	0925	Wed	Russian diplo/intel. Null msg on link 20492	FSK 200/1000	(AB)
M42d	11544	22-6	0935	Wed	Russian diplo/intel. Null msg on link 20492	FSK 200/1000	(AB)
M42d	16330	23-6	0800	Thu	Russian diplo/intel. Msg 002 on link 16404	FSK 200/1000	(AB)
M42d	14367	23-6	0810	Thu	Russian diplo/intel. Msg 002 on link 16404	FSK 200/1000	(AB)
M42d	12141	23-6	0820	Thu	Russian diplo/intel. Msg 002 on link 16404	FSK 200/1000	(AB)
M42d	13543	23-6	1330	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB)
M42d	11154	23-6	1340	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB)
M42d	9221	23-6	1350	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB)
M42d	16251	25-6	0800	Sat	Russian diplo/intel. Msg 085 on link 45115	FSK 200/1000	(AB/Danix)
M42d	14565	25-6	0810	Sat	Russian diplo/intel. Msg 085 on link 45115	FSK 200/1000	(AB/Danix)
M42d	12116	25-6	0820	Sat	Russian diplo/intel. Msg 085 on link 45115	FSK 200/1000	(AB/Danix)
M42d	16314	25-6	0900	Sat	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	14569	25-6	0910	Sat	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	12191	25-6	0920	Sat	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)

M42d	14689	25-6	1100	Sat	Russian diplo/intel. Msg 135 on link 36882	FSK 200/1000	(AB/Danix)
M42d	12143	25-6	1110	Sat	Russian diplo/intel. Msg 135 on link 36882	FSK 200/1000	(AB/Danix)
M42d	10186	25-6	1120	Sat	Russian diplo/intel. Msg 135 on link 36882	FSK 200/1000	(AB/Danix)
M42d	18323	25-6	2100	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	15886	25-6	2110	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	13581	25-6	2120	Sat	Russian diplo/intel. Null message on link 32821	FSK 200/1000	(AB/Danix)
M42d	16251	26-6	0800	Sun	Russian diplo/intel. Msg 085 on link 45115	FSK 200/1000	(AB/Danix)
M42d	14565	26-6	0810	Sun	Russian diplo/intel. Msg 085 on link 45115	FSK 200/1000	(AB/Danix)
M42d	12116	26-6	0820	Sun	Russian diplo/intel. Msg 085 on link 45115	FSK 200/1000	(AB/Danix)
M42d	16314	26-6	0900	Sun	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	14569	26-6	0910	Sun	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	12191	26-6	0920	Sun	Russian diplo/intel. Msg 210 on link 45057	FSK 200/1000	(AB/Danix)
M42d	14689	26-6	1100	Sun	Russian diplo/intel. Msg 135 on link 36882	FSK 200/1000	(AB/Danix)
M42d	12143	26-6	1110	Sun	Russian diplo/intel. Msg 135 on link 36882	FSK 200/1000	(AB/Danix)
M42d	10186	26-6	1120	Sun	Russian diplo/intel. Msg 135 on link 36882	FSK 200/1000	(AB/Danix)
M42d	18214	26-6	1530	Sun	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(Danix)
M42d	16234	26-6	1540	Sun	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(Danix)
M42d	14433	26-6	1550	Sun	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(Danix)
M42d	17481	28-6	1400	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB)
M42d	15947	28-6	1410	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB)
M42d	13468	28-6	1420	Tue	Russian diplo/intel. Null msg on link 32799	FSK 200/1000	(AB/MPJ)
M42d	17451	28-6	1650	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB)
M42d	15865	28-6	1700	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB)
M42d	13483	28-6	1710	Tue	Russian diplo/intel. Null msg on link 20501	FSK 200/1000	(AB)
M42d	14981	28-6	2300	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(AB)
M42d	12203	28-6	2310	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(AB)
M42d	11148	28-6	2320	Tue	Russian diplo/intel. Null message: Link ID 40988	FSK 200/1000	(AB)
M42d	17512	29-6	0600	Wed	Russian diplo/intel. Link ID 32817, Date 25th, Serial #71 and Link ID 32816, Date 25th, Serial #72	FSK 200/1000	(AB/Danix)
M42d	15930	29-6	0610	Wed	Russian diplo/intel. Link ID 32817, Date 25th, Serial #71 and Link ID 32816, Date 25th, Serial #72	FSK 200/1000	(AB/Danix)

M42d	13503	29-6	0620	Wed	Russian diplo/intel. Link ID 32817, Date 25th, Serial #71 and Link ID 32816, Date 25th, Serial #72	FSK 200/1000	(AB/Danix)
M42d	15906	29-6	0800	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	13468	29-6	0810	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	11114	29-6	0820	Wed	Russian diplo/intel. Null msg on link 45075	FSK 200/1000	(AB/Danix)
M42d	17476	29-6	2200	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(Danix)
M42d	15843	29-6	2210	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(Danix)
M42d	13488	29-6	2220	Wed	Russian diplo/intel. Null message on link 49202	FSK 200/1000	(Danix)
M42d	17512	30-6	0600	Thu	Russian diplo/intel. Link ID 32817, Date 25th, Serial #71 and Link ID 32816, Date 25th, Serial #72	FSK 200/1000	(AB)
M42d	15930	30-6	0610	Thu	Russian diplo/intel. Link ID 32817, Date 25th, Serial #71 and Link ID 32816, Date 25th, Serial #72	FSK 200/1000	(AB)
M42d	13503	30-6	0620	Thu	Russian diplo/intel. Link ID 32817, Date 25th, Serial #71 and Link ID 32816, Date 25th, Serial #72	FSK 200/1000	(AB)
M42d	13543	30-6	1330	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M42d	11154	30-6	1340	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M42d	9221	30-6	1350	Thu	Russian diplo/intel. Null msg on link 49237	FSK 200/1000	(AB/Danix)
M51a	6825	7-6	1701	Tue	FAV22: 5LGs, 5FGs, punctuations //12246 kHz	CW	(F5JBR)
M51a	12246	7-6	1701	Tue	FAV22: 5LGs, 5FGs, punctuations //6825 kHz	CW	(F5JBR)
M51a	3881	16-6	0521	Thu	FAV22: Encrypted messages //6251 kHz	CW	(F5JBR)
M51a	6251	16-6	0521	Thu	FAV22: Encrypted messages //3881 kHz	CW	(F5JBR)
M76	3294	6-6	0400	Mon	YPRR DE V83S QTC 511 42 = 26310 15044 93080 41540 86411 833322 13722 15569 ...	CW	(F5JBR)
M76	3294	10-6	0400	Fri	T9EU DE 67KB QTC 527 33 = 26310 15084 93080 ... 91601 5XXXX NNNNN = 506 45 = 40545 ... = 504 59 = 40545 etc	CW	(F5JBR)
M76	3294	12-6	0405	Sun	ORJK de CA83 QTC 535 33 = 26310 05104 93080 40964 1193 98399 07660 10112 09360 38565 ...	CW	(F5JBR)
M76	3294	16-6	0400	Thu	DW24 DE MGLA QTC 543 33 = 26310 15144 93080 11864 13194 15408 64118 31785 99011 ...	CW	(F5JBR)
M76	3294	18-6	0400	Sat	4TON DE 3V97 QTC 551 38 = 26310 05164 93080 40064 12166 44183 17859 92166 44601 01120 ...	CW	(F5JBR)
M76	3294	18-6	0400	Sat	4TON DE 3V97 QTC 551 38 = 26310 05164 93080 40064 12166 44183 17859 92166 44601 01120 ...	CW	(F5JBR)
M76	3294	18-6	1650	Sat	YCB5 de HFUJ QTC 555 26 = 26310 15164 93080 14249 96411 7801 206 41725 14519 36362 ...	CW	(F5JBR)

M76	3294	18-6	1650	Sat	YCB5 de HFUJ QTC 555 26 = 26310 15164 93080 14249 96411 7801 206 41725 14519 36362 ...	CW	(F5JBR)
M76	3294	19-6	0400	Sun	IAQ8 DE FDBN QTC 556 29 = 26310 05174 93080 14230 16441 78601 20932 54223 85650 36217 ...	CW	(F5JBR)
M76	3294	19-6	1653	Sun	S87K DE QWUL QTC 558 26 = 26310 01131 93043 85649 36218 25511 71653 36363 85649 36215 ...	CW	(F5JBR)
M76	3294	20-6	0400	Mon	NO4V DE 5SP8 QTC 559 31 = 26310 05184 93080 30164 10616 46183 17860 10112 09199 25642 ...	CW	(F5JBR)
M76	3294	20-6	1650	Mon	R2EU DE K54E QTC 561 30 = 26310 95184 93089 31195 66502 55744 18317 86030 11209 25838 ...	CW	(F5JBR)
M76	3294	21-6	0400	Tue	H3TM DE AHAV QTC 562 34 = 26310 05184 93080 30164 40616 46183 17960 10616 03011 20925 ...	CW	(F5JBR)
M76	3294	22-6	1650	Wed	T4VH DE VAF1 QTC 567 32 = 26310 15204 93080 30125 66411 82217 64618 31786 01011 12560 ...	CW	(F5JBR)
M76	3294	23-6	0400	Thu	K8IP DE SJVG QTC 569 30 = 26310 05214 93080 30164 42176 46183 17860 10112 09109 38565 ...	CW	(F5JBR)
M89	3330	1-6	1915	Wed	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)
M89	3642	1-6	1918	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	4322	1-6	1919	Wed	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4860	1-6	1920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	6840	1-6	1920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	8888	2-6	1125	Thu	i.p. FFF NR 1185/EX.0 R NR 11.5/EX NR 1185/EX.0 16.. =	CW	(JPL)
M89	3642	2-6	2108	Thu	V DKG6 (x3) DE 3A7D (x2) //Not monitored	CW	(JPL)
M89	3330	2-6	2110	Thu	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)
M89	6666	2-6	2114	Thu	i.p. 6A4D TDA3 U375 N57U 7N3T N7A3 K K K7YA RPT	CW	(JPL)
M89	4860	2-6	2120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	6840	2-6	2120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	4720	2-6	2125	Thu	i.p. T64U 3N5T 754A N5U3 4A6U AR K (see N&O 225)	CW	(JPL)
M89	3330	3-6	1632	Fri	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)
M89	3642	3-6	1638	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	6840	6-6	0820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	10640	6-6	0820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	6840	6-6	0920	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	10640	6-6	0920	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	6-6	1320	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	6840	6-6	1320	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	3330	6-6	1322	Mon	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)

M89	4720	6-6	1330	Mon	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	3330	6-6	1702	Mon	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)
M89	3642	6-6	1703	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	6866	6-6	1708	Mon	i.p. D5N7 DN54 4536 54TD UN..	CW	(JPL)
M89	6876	6-6	1709	Mon	i.p. 1359 R K OK PSE .. K	CW	(JPL)
M89	6905	6-6	1726	Mon	i.p. 6TD3 6.54 35AN D.T3 D3AN AN54 K QSL? R GA	CW	(JPL)
M89	6969	6-6	1729	Mon	i.p. DE M8TK K R AS K OK QRX 26286 28712 QSY 36738 37042 QSW 24607 25671 NIL K SK	CW	(JPL)
M89	7602	6-6	1732	Mon	DKG6 de 3A7D V	CW	(F5JBR)
M89	6845	7-6	1004	Tue	DP91 (x3) DE CQ (x2) V HR NIL SK GB (x3)	CW	(JPL)
M89	6840	7-6	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	10640	7-6	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	3642	7-6	1430	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	4322	7-6	1626	Tue	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4720	7-6	1630	Tue	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	6840	9-6	0920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	10640	9-6	0920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4322	9-6	1128	Thu	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	6893	9-6	1424	Thu	i.p. DT63 5ANT TDU6 43U.	CW	(JPL)
M89	3642	9-6	1724	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	4860	9-6	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	6840	9-6	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	4322	9-6	1925	Thu	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	3642	9-6	1926	Thu	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	7602	9-6	1926	Thu	V DKG6 (x3) DE 3A7D (x2) //36422	CW	(JPL)
M89	14905	10-6	0525	Fri	Comms checks and traffic	CW	(F5JBR)
M89	3642	13-6	2020	Mon	DKG6 de 3A7D V	CW	(F5JBR)
M89	8073	14-6	0006	Tue	V BNGC (x3) DE XSV85 (x2)	CW	(JPL)
M89	10180	14-6	1008	Tue	V DKG6 (x3) DE 3A7D (x2) (IP - Cont'd)	CW	(JPL)
M89	4444	14-6	1013	Tue	i.p. AU43 TAUN 4	CW	(JPL)
M89	6840	14-6	1020	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	10640	14-6	1020	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	6840	14-6	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	10640	14-6	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	3642	14-6	1744	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	15-6	1926	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	7602	15-6	1926	Wed	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	16521	18-6	0517	Sat	Chinese military 4F message using cut numbers QSX 16527	CW	(PPA)
M89	16527	18-6	0517	Sat	Chinese military 4F message using cut numbers QSX 16521	CW	(PPA)
M89	16527	18-6	0534	Sat	i.p.	CW	(F5JBR)
M89	16527	18-6	0543	Sat	QTC in progress	CW	(F5JBR)
M89	3330	18-6	1805	Sat	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)

M89	3642	18-6	1808	Sat	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	19-6	1124	Sun	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3636	20-6	1520	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	7602	20-6	1520	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	7602	22-6	1630	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3636	22-6	1638	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	23-6	1602	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3330	23-6	1610	Thu	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)
M89	7602	23-6	1622	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	7602	23-6	2321	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	23-6	2323	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	7602	28-6	1740	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	28-6	1742	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3330	28-6	1747	Tue	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)
M89	3642	28-6	2115	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	28-6	2118	Tue	V DKG6 (x3) DE 3A7D (x2) //76022	CW	(JPL)
M89	7602	28-6	2118	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	4131	28-6	2119	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	10180	29-6	0903	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	7602	29-6	1755	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	29-6	1758	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3330	29-6	1759	Wed	V MW3D (x3) DE 2SLC (x2)	CW	(JPL)
M89v	14905	10-6	0538	Fri	Chinese voice traffic following CW traffic	USB	(F5JBR)
M89v	16527	18-6	0535	Sat	Messages in Chinese	CW	(F5JBR)
M89v	16527	18-6	0535	Sat	Messages in Chinese Voice	USB	(F5JBR)
M90	3322	14-6	0535	Tue	V7Z6 clg CQXJ, XVSQ, DNSF, K6ZJ, ICFV, PJP6, E5BJ	CW	(F5JBR)
M90	4852	14-6	0611	Tue	V7Z6 wkg CQXJ, XVSQ, DNSF, K6ZJ, ICFV, PJP6, E5BJ. Comms checks	CW	(F5JBR)
M90	3390	14-6	0652	Tue	VF7Z wkg H7Z2, T2M8. Comms checks	CW	(F5JBR)
M90	3390	14-6	0700	Tue	T2M8 de VF7Z QTR 0900 K	CW	(F5JBR)
M95	8073	1-6	1137	Wed	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NMSG NR 0428 CK 175 35 0601 1630 = 3U6 3AN 3U7 TAU ...	CW	(JPL-HK)
M95	4243	1-6	1147	Wed	VVV HR MSG TOYR PSE CY NR 099 CK 19 35 0601 1511 = 5TD UTT TTA ... //9054 kHz	CW	(JPL-HK)
M95	9054	1-6	1147	Wed	VVV HR MSG TOYR PSE CY NR 099 CK 19 35 0601 1511 = 5TD UTT TTA ... //4243 kHz	CW	(JPL-HK)
M95	4243	1-6	1205	Wed	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
M95	9054	1-6	1205	Wed	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
M95	8073	2-6	1136	Thu	V BNGC (x3) DE XSV85 (x2) A HR MSG GA NR 0430 CK 163 35 0602 16.. = TTU 3U6 3AN ...	CW	(JPL-HK)
M95	4243	2-6	1145	Thu	VVV = ... PSE CY NR 001 .. 35 0602 15.9 = 5TD UT. TTU 3UD ... //9054 kHz	CW	(JPL-HK)
M95	9054	2-6	1145	Thu	VVV = ... PSE CY NR 001 .. 35 0602 15.9 = 5TD UT. TTU 3UD ... //4243 kHz	CW	(JPL-HK)
M95	8073	3-6	1135	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG PSE CY NR 0432 CK 94 35 0604 ...	CW	(JPL-HK)
M95	4243	3-6	1145	Fri	VVV HR MSG TOYR Q. .. NR 003 2. 35 0603 051. = //9054 kHz	CW	(JPL-HK)

M95	9054	3-6	1145	Fri	VVV HR MSG TOYR Q. .. NR 003 2. 35 0603 051. = //4243 kHz	CW	(JPL-HK)
M95	5555	7-6	1114	Tue	05 05 05 TTKK ... (Second station now on freq) 37AD A44N TT6D A44 U5A.. 763N5 557A 3D7U 66..	CW	(JPL-HK)
M95	8073	7-6	1134	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA NR 0440 CK 137 35 0607 1546 = TT7 3U6 3AN 3U7 TAU 773 TA7 ...	CW	(JPL-HK)
M95	4243	7-6	1144	Tue	NR 011 CK 22 35 0607 1525 =	CW	(JPL-HK)
M95	5500	9-6	0850	Thu	i.p. N QSL ? K. R DP VV PJL4 K. R D DP VV TN8 K. DP DP VV	CW	(JPL-HK)
M95	8073	9-6	1136	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0444 CK 289 35 0609 1559 = TTN 3U6 3AN 3U7 TAU 773 ...	CW	(JPL-HK)
M95	5500	9-6	1927	Thu	i.p. T63D 453A 74DA 57AN A56U III 5 5 5 05 55 05 505 05 = 4AN3 7NT7 D6UA A4..	CW	(JPL-HK)
M95	5500	9-6	2125	Thu	i.p. NR 165. CK 66 24 0610 0600 RMKS 2209 TO 2225 K	CW	(JPL-HK)
M95	8073	14-6	1136	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0463 CK 534 // 0463 CK 53 35 0614 1530 = TT6 N5U ...	CW	(JPL)
M95	4243	14-6	1151	Tue	VVV HR 7G TOYR PSE CY NR 025 CK 23 35 0614 1525 = .TD UTT ... //9054 kHz	CW	(JPL)
M95	9054	14-6	1151	Tue	VVV HR 7G TOYR PSE CY NR 025 CK 23 35 0614 1525 = .TD UTT ... //4243 kHz	CW	(JPL)
MX	13527.7	11-6	1502	Sat	Beacon D, Sevastopol	CW	(AB)
MX	13527.9	11-6	1502	Sat	Beacon S, Sevromorsk	CW	(AB)
MX	23528	11-6	1502	Sat	Beacon C, Moscow	CW	(AB)
MX	10871.7	11-6	1503	Sat	Beacon D, Sevastopol	CW	(AB)
MX	10871.9	11-6	1503	Sat	Beacon S, Sevromorsk	CW	(AB)
MX	10872	11-6	1503	Sat	Beacon C, Moscow	CW	(AB)
MX	7508.7	11-6	1801	Sat	Beacon D, Sevastopol	CW	(AB)
MX	8494.9	11-6	1802	Sat	Beacon S, Sevromorsk	CW	(AB)
MX	7027.5	12-6	2115	Sun	Beacon V, Khiva	CW	(MPJ-HOL)
MX	7027.5	13-6	2013	Mon	Beacon V, Khiva	CW	(AB)
MX	7027.5	14-6	1911	Tue	Beacon V, Khiva	CW	(AB)
MX	8497.8	14-6	1912	Tue	Beacon L, St Petersburg	CW	(AB)
MX	5156.8	15-6	1845	Wed	Beacon L, St Petersburg	CW	(AB)
MX	8494.9	18-6	2057	Sat	Beacon S, Severomorsk	CW	(AAI)
MX	8494.9	18-6	2057	Sat	Beacon D, Sevastopol	CW	(AAI)
MX	16332.4	21-6	0645	Tue	Beacon M, Magadan	CW	(AAI)
MX	7039.2	29-6	0225	Wed	Beacon F, Vladivostok	CW	(AB-KOR)
MX	10872.2	29-6	0700	Wed	Beacon F, Vladivostok	CW	(AB-KOR)
MX	13528.2	29-6	0702	Wed	Beacon F, Vladivostok	CW	(AB-KOR)
MX	7508.8	29-6	1714	Wed	Beacon D, Sevastopol	CW	(AB)
MX	7508.9	29-6	1714	Wed	Beacon S, Severomorsk	CW	(AB)
MX	5156.8	29-6	1718	Wed	Beacon L. St Petersburg	CW	(AB)
MX	8497.8	29-6	1719	Wed	Beacon L, St Petersburg	CW	(AB)
POL	6480	6-6	0800	Mon	0434 00000	FSK 100/625	(AB)
POL	6480	6-6	0805	Mon	0434 00000	FSK 100/625	(AB)
POL	13470	7-6	0630	Tue	0754 00000	FSK 100/625	(AB)
POL	13470	7-6	0635	Tue	0754 00000	FSK 100/625	(AB)
POL	14757	7-6	0655	Tue	0684 00000	FSK 100/625	(AB)
POL	14757	7-6	0700	Tue	0684 00000	FSK 100/625	(AB)
POL	8423	7-6	0900	Tue	0554 00000	FSK 100/625	(AB)

POL	8423	7-6	0905	Tue	0554 00000	FSK 100/625	(AB)
POL	10210	7-6	1150	Tue	0325 00000	FSK 100/625	(AB)
POL	10210	7-6	1155	Tue	0325 00000	FSK 100/625	(AB)
POL	15690	7-6	1245	Tue	0132 00000	FSK 100/625	(AB)
POL	15690	7-6	1250	Tue	0132 00000	FSK 100/625	(AB)
POL	13537	8-6	0530	Wed	0453 88888 88888 86094 21185 82733 ... 34286 41467 36661 88888 88888 00043 00043	FSK 100/625	(AB)
POL	13537	8-6	0535	Wed	0453 88888 88888 86094 21185 82733 ... 34286 41467 36661 88888 88888 00043 00043	FSK 100/625	(AB)
POL	13424	8-6	0845	Wed	0353 00000	FSK 100/625	(AB)
POL	13424	8-6	0850	Wed	0353 00000	FSK 100/625	(AB)
POL	10210	8-6	1150	Wed	0325 00000	FSK 100/625	(AB)
POL	10210	8-6	1155	Wed	0325 00000	FSK 100/625	(AB)
POL	15690	8-6	1245	Wed	0132 00000	FSK 100/625	(AB)
POL	15690	8-6	1250	Wed	0132 00000	FSK 100/625	(AB)
POL	13740	9-6	0630	Thu	0574 00000	FSK 100/625	(AB)
POL	13740	9-6	0635	Thu	0574 00000	FSK 100/625	(AB)
POL	14940	9-6	0730	Thu	0433 88888 88888 09284 86939 64264 ... 26587 19282 06020 88888 88888 00043 00043	FSK 100/625	(AB)
POL	14940	9-6	0735	Thu	0433 88888 88888 09284 86939 64264 ... 26587 19282 06020 88888 88888 00043 00043	FSK 100/625	(AB)
POL	6480	9-6	0800	Thu	0434 00000	FSK 100/625	(AB)
POL	6480	9-6	0805	Thu	0434 00000	FSK 100/625	(AB)
POL	13537	10-6	0530	Fri	0453 88888 88888 86094 21185 82733 ... 34286 41467 36661 88888 88888 00043 00043	FSK 100/625	(AB)
POL	13537	10-6	0535	Fri	0453 88888 88888 86094 21185 82733 ... 34286 41467 36661 88888 88888 00043 00043	FSK 100/625	(AB)
POL	8423	10-6	0900	Fri	0554 00000	FSK 100/625	(AB)
POL	8423	10-6	0905	Fri	0554 00000	FSK 100/625	(AB)
POL	6480	13-6	0800	Mon	0434 00000	FSK 100/625	(AB)
POL	6480	13-6	0805	Mon	0434 00000	FSK 100/625	(AB)
POL	13424	13-6	0845	Mon	0353 00000	FSK 100/625	(AB)
POL	13424	13-6	0850	Mon	0353 00000	FSK 100/625	(AB)
POL	13470	14-6	0630	Tue	0574 88888 88888 56278 60555 08928 ... 05694 97863 90449 88888 88888 00039 00039	FSK 100/625	(AB)
POL	13470	14-6	0635	Tue	0574 88888 88888 56278 60555 08928 ... 05694 97863 90449 88888 88888 00039 00039	FSK 100/625	(AB)
POL	14757	14-6	0655	Tue	0684 88888 88888 20578 53878 75669 ... 09305 02628 77927 88888 88888 00040 00040	FSK 100/625	(AB)
POL	14757	14-6	0700	Tue	0684 88888 88888 20578 53878 75669 ... 09305 02628 77927 88888 88888 00040 00040	FSK 100/625	(AB)
POL	14940	14-6	0730	Tue	0433 00000	FSK 100/625	(AB)
POL	14940	14-6	0735	Tue	0433 00000	FSK 100/625	(AB)
POL	8423	14-6	0900	Tue	0554 00000	FSK 100/625	(AB)
POL	8423	14-6	0905	Tue	0554 00000	FSK 100/625	(AB)
POL	10210	14-6	1150	Tue	0325 88888 88888 83934 53092 89946 ... 13646 66371 84023 88888 88888 00037 00037	FSK 100/625	(AB)

POL	10210	14-6	1155	Tue	0325 88888 88888 83934 53092 89946 ... 13646 66371 84023 88888 88888 00037 00037	FSK 100/625	(AB)
POL	15690	14-6	1245	Tue	0132 88888 88888 71175 88561 42641 ... 91788 09277 76507 88888 88888 00042 00042	FSK 100/625	(AB)
POL	15690	14-6	1250	Tue	0132 88888 88888 71175 88561 42641 ... 91788 09277 76507 88888 88888 00042 00042	FSK 100/625	(AB)
POL	13537	15-6	0530	Wed	0453 00000	FSK 100/625	(AB)
POL	13537	15-6	0535	Wed	0453 00000	FSK 100/625	(AB)
POL	13424	15-6	0845	Wed	0353 00000	FSK 100/625	(AB)
POL	13424	15-6	0850	Wed	0353 00000	FSK 100/625	(AB)
POL	10210	15-6	1150	Wed	0325 88888 88888 83934 53092 89946 ... 13646 66371 84023 88888 88888 00037 00037	FSK 100/625	(AB)
POL	10210	15-6	1155	Wed	0325 88888 88888 83934 53092 89946 ... 13646 66371 84023 88888 88888 00037 00037	FSK 100/625	(AB)
POL	13470	16-6	0630	Thu	0574 88888 88888 56278 60555 08928 ... 05694 97863 90449 88888 88888 00039 00039	FSK 100/625	(AB)
POL	13470	16-6	0635	Thu	0574 88888 88888 56278 60555 08928 ... 05694 97863 90449 88888 88888 00039 00039	FSK 100/625	(AB)
POL	14940	16-6	0730	Thu	0433 00000	FSK 100/625	(AB)
POL	14940	16-6	0735	Thu	0433 00000	FSK 100/625	(AB)
POL	6480	16-6	0800	Thu	0434 00000	FSK 100/625	(AB)
POL	6480	16-6	0805	Thu	0434 00000	FSK 100/625	(AB)
POL	14757	17-6	0655	Fri	0684 88888 88888 20578 53878 75669 ... 09305 02628 77927 88888 88888 00040 00040	FSK 100/625	(AB)
POL	14757	17-6	0700	Fri	0684 88888 88888 20578 53878 75669 ... 09305 02628 77927 88888 88888 00040 00040	FSK 100/625	(AB)
POL	8423	17-6	0900	Fri	0554 00000	FSK 100/625	(AB)
POL	8423	17-6	0905	Fri	0554 00000	FSK 100/625	(AB)
POL	13424	20-6	0845	Mon	0353 00000	FSK 100/625	(AB)
POL	13424	20-6	0850	Mon	0353 00000	FSK 100/625	(AB)
POL	13470	21-6	0630	Tue	0574 00000	FSK 100/625	(AB)
POL	13470	21-6	0635	Tue	0574 00000	FSK 100/625	(AB)
POL	14575	21-6	0655	Tue	0684 00000	FSK 100/625	(AB)
POL	14575	21-6	0700	Tue	0684 00000	FSK 100/625	(AB)
POL	14940	21-6	0730	Tue	0433 00000	FSK 100/625	(AB)
POL	14940	21-6	0735	Tue	0433 00000	FSK 100/625	(AB)
POL	8423	21-6	0900	Tue	0554 88888 88888 34474 00809 69215 ... 40717 22823 00288 88888 88888 00043 00043	FSK 100/625	(AB)
POL	8423	21-6	0905	Tue	0554 88888 88888 34474 00809 69215 ... 40717 22823 00288 88888 88888 00043 00043	FSK 100/625	(AB)
POL	10210	21-6	1150	Tue	0325 00000	FSK 100/625	(AB)
POL	10210	21-6	1155	Tue	0325 00000	FSK 100/625	(AB)
POL	15690	21-6	1245	Tue	0132 00000	FSK 100/625	(AB)
POL	15690	21-6	1250	Tue	0132 00000	FSK 100/625	(AB)
POL	13537	22-6	0530	Wed	0453 00000	FSK 100/625	(AB)
POL	13537	22-6	0535	Wed	0453 00000	FSK 100/625	(AB)
POL	13424	22-6	0845	Wed	0353 00000	FSK 100/625	(AB)
POL	13424	22-6	0850	Wed	0353 00000	FSK 100/625	(AB)
POL	10210	22-6	1150	Wed	0325 00000	FSK 100/625	(AB)

POL	10210	22-6	1155	Wed	0325 00000	FSK 100/625	(AB)
POL	13470	23-6	0630	Thu	0574 00000	FSK 100/625	(AB)
POL	13470	23-6	0635	Thu	0574 00000	FSK 100/625	(AB)
POL	6480	23-6	0800	Thu	0434 88888 88888 79406 60153 47163 ... 72063 31955 10599 88888 88888 00039 00039	FSK 100/625	(AB)
POL	6480	23-6	0805	Thu	0434 88888 88888 79406 60153 47163 ... 72063 31955 10599 88888 88888 00039 00039	FSK 100/625	(AB)
POL	13537	24-6	0530	Fri	0453 00000	FSK 100/625	(AB)
POL	13537	24-6	0535	Fri	0453 00000	FSK 100/625	(AB)
POL	14575	24-6	0655	Fri	0684 00000	FSK 100/625	(AB)
POL	14575	24-6	0700	Fri	0684 00000	FSK 100/625	(AB)
POL	8423	24-6	0900	Fri	0554 88888 88888 34474 00809 69215 ... 40717 22823 00288 88888 88888 00043 00043	FSK 100/625	(AB)
POL	8423	24-6	0905	Fri	0554 88888 88888 34474 00809 69215 ... 40717 22823 00288 88888 88888 00043 00043	FSK 100/625	(AB)
POL	13424	27-6	0845	Mon	0353 88888 88888 71063 59360 87911 ... 48527 54612 20336 88888 88888 00042 00042	FSK 100/625	(AB)
POL	13424	27-6	0850	Mon	0353 88888 88888 71063 59360 87911 ... 48527 54612 20336 88888 88888 00042 00042	FSK 100/625	(AB)
POL	13470	28-6	0630	Tue	0574 00000	FSK 100/625	(AB)
POL	13470	28-6	0635	Tue	0574 00000	FSK 100/625	(AB)
POL	14575	28-6	0655	Tue	0684 00000	FSK 100/625	(AB)
POL	14575	28-6	0700	Tue	0684 00000	FSK 100/625	(AB)
POL	14940	28-6	0730	Tue	0433 00000	FSK 100/625	(AB)
POL	14940	28-6	0735	Tue	0433 00000	FSK 100/625	(AB)
POL	8423	28-6	0900	Tue	0554 00000	FSK 100/625	(AB)
POL	8423	28-6	0905	Tue	0554 00000	FSK 100/625	(AB)
POL	10210	28-6	1150	Tue	0325 00000	FSK 100/625	(AB)
POL	10210	28-6	1155	Tue	0325 00000	FSK 100/625	(AB)
POL	15690	28-6	1245	Tue	0132 00000	FSK 100/625	(AB)
POL	15690	28-6	1250	Tue	0132 00000	FSK 100/625	(AB)
POL	13424	29-6	0845	Wed	0353 88888 88888 71063 59360 87911 ... 48527 54612 20336 88888 88888 00042 00042	FSK 100/625	(AB)
POL	13424	29-6	0850	Wed	0353 88888 88888 71063 59360 87911 ... 48527 54612 20336 88888 88888 00042 00042	FSK 100/625	(AB)
POL	10210	29-6	1150	Wed	0325 00000	FSK 100/625	(AB)
POL	10210	29-6	1155	Wed	0325 00000	FSK 100/625	(AB)
POL	15690	29-6	1245	Wed	0132 00000	FSK 100/625	(AB)
POL	15690	29-6	1250	Wed	0132 00000	FSK 100/625	(AB)
POL	13470	30-6	0630	Thu	0574 00000	FSK 100/625	(AB)
POL	13470	30-6	0635	Thu	0574 00000	FSK 100/625	(AB)
POL	14940	30-6	0730	Thu	0433 00000	FSK 100/625	(AB)
POL	14940	30-6	0735	Thu	0433 00000	FSK 100/625	(AB)
POL	6480	30-6	0800	Thu	0434 00000	FSK 100/625	(AB)
POL	6480	30-6	0805	Thu	0434 00000	FSK 100/625	(AB)
Q26	8073	1-6	1132	Wed	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	1-6	1141	Wed	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	1-6	1141	Wed	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)

Q26	8073	2-6	1131	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	2-6	1140	Thu	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	2-6	1140	Thu	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	3-6	1130	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	3-6	1141	Fri	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	3-6	1141	Fri	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	7-6	1130	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	9-6	1132	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	14-6	1130	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	14-6	1149	Tue	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	14-6	1149	Tue	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL)
RADv	4770.5	1-6	0939	Wed	Tracking (Russian Voice)	USB	(F5JBR)
RADv	4380	3-6	0611	Fri	Tracking (Russian Voice)	USB	(F5JBR)
RADv	2603	8-6	0352	Wed	Tracking (Russian Voice)	USB	(F5JBR)
RADv	4038	13-6	2049	Mon	Tracking (Russian Voice)	LSB	(F5JBR)
RADv	3884	16-6	0439	Thu	Tracking (Russian Voice)	USB	(F5JBR)
RADv	5151	16-6	0903	Thu	Tracking (Russian Voice)	USB	(F5JBR)
RADv	2300	23-6	0352	Thu	Tracking (Russian Voice)	USB	(F5JBR)
RAv	8909	6-6	1808	Mon	Russian Air Force OCHISTKA wkg 63331, 63333, 12524	USB	(Tom/SSh/F5JBR)
RAv	18030	16-6	1300	Thu	Russian Air Force. Korsar clg Polotno Kasten	USB	(F5JBR)
RMv	5263	1-6	0502	Wed	ROBIN-63 clg YAVAT-53 KARABAT- 04	USB	(F5JBR)
RMv	5550	3-6	0914	Fri	POWARAK-90 clg KALIBOT-44	USB	(F5JBR)
RMv	4929.5	4-6	0525	Sat	KARAT-77 clg outstations	USB	(F5JBR)
RMv	4929.5	5-6	0525	Sun	DISEL-39 clg outstations OZIL-75 BOLUM-08	USB	(F5JBR)
RMv	5084	8-6	0601	Wed	PROZAH-86 clg DEBOK-15, PRODOZ- 76, DIESSAM-81	USB	(F5JBR)
RMv	4784.5	9-6	0440	Thu	ROSDIN-86 clg VASEL-68, ABORDEH- 71, RACHIL-60	USB	(F5JBR)
RMv	4090	10-6	1638	Fri	SOKOL-20 clg TOPOL-62, ORAN-05	USB	(F5JBR)
RMv	4608	14-6	1741	Tue	VARTA-31 clg EDART-39, ARTSIEK- 07, RAM-51, SELECTA-40, KANAL-76	USB	(F5JBR)
RMv	4250	15-6	0615	Wed	GORKA-54 clg VARAT-23, CHAK- TIOR-56, FALOP-43	USB	(F5JBR)
RMv	4608	15-6	0804	Wed	DRAG-91 clg CRAKOR-96	USB	(F5JBR)
RMv	4608	15-6	0804	Wed	VARTA-31 clg EDART-39, ARTSIEK- 07, RAM-51, SELECTA-40, KANAL-76	USB	(F5JBR)
RMv	4250	15-6	1642	Wed	GORKA-54 clg VARAT-23, CHAK- TIOR-56, FALOP-43	USB	(F5JBR)
RMv	5340	16-6	0915	Thu	GAZON-55 clg GROUP-14, PITSOL- 31, PITSOL-32, PITSOL-33, PITSOL- 34, PITSOL-35, PITSOL-36, PITSOL- 37, PITSOL-38, PITSOL-39, PITSOL- 40	USB	(F5JBR)
RMv	4929.5	19-6	0505	Sun	STEKI-42 clg TOMAL-68	USB	(F5JBR)
RMv	5263	19-6	0516	Sun	ROZEN-63 clg outstations	USB	(F5JBR)

RMv	7823	21-6	1436	Tue	RAPIR-43 clg GROUP-03	USB	(F5JBR)
RMv	7910	22-6	0606	Wed	PRIZMA-17 clg PRIZMA-9010	USB	(F5JBR)
RMv	2682	22-6	1804	Wed	KOJUR-83 clg CLAYA-27, GENIAR-50	USB	(F5JBR)
RMv	4929.5	23-6	0501	Thu	PROVAT-37 clg RADIO-73, SIENA-09	USB	(F5JBR)
RNv	8267	3-6	0605	Fri	BUKSOL clg NAGORYE, ZABOR, PRA-ZAY, LENIR, PRINOI	USB	(F5JBR)
RNv	16603	22-6	1340	Wed	AGITATOR clg GVOZDIKA (sends message)	USB	(F5JBR)
RNV	4940.5	23-6	0454	Thu	GARANTIYA (RIQ88) clg GANILA (RAI63). Comms checks and message	LSB	(F5JBR)
S06	10204	3-6	2000	Fri	761 761 761 00000	USB	(MPJ/HFD)
S06	8058	3-6	2100	Fri	761 761 761 00000	USB	(HFD)
S06	13944	8-6	1500	Wed	387 160 54 74680 00642 98860 ... 53137 76437 99368 160 54 00000	USB	(Danix)
S06	11496	8-6	1600	Wed	387 160 54 74680 00642 98860 ... 53137 76437 99368 160 54 00000	USB	(Danix)
S06	13944	9-6	1500	Thu	387 160 54 74680 00642 98860 ... 53137 76437 99368 160 54 00000	USB	(Danix)
S06	11496	9-6	1600	Thu	387 160 54 74680 00642 98860 ... 53137 76437 99368 160 54 00000	USB	(Danix)
S06	6875	18-6	1900	Sat	614 614 614 00000	USB	(AB)
S06s	9353	6-6	0830	Mon	371 524 6 26945 80744 62600 84706 42227 08531 524 6 00000	USB	(AB)
S06s	15945	7-6	0600	Tue	438 295 6 49294 38064 31724 37324 49416 35660 295 6 00000	USB	(AB)
S06s	16945	7-6	0610	Tue	438 295 6 49294 38064 31724 37324 49416 35660 295 6 00000	USB	(AB)
S06s	6810	7-6	1100	Tue	754 209 6 33796 13577 74526 46647 79402 53516 209 6 00000	USB	(AB)
S06s	7560	7-6	1110	Tue	754 209 6 33796 13577 74526 46647 79402 53516 209 6 00000	USB	(AB)
S06s	11565	8-6	0530	Wed	464 830 5 65906 66610 20336 17301 88554 830 5 00000 Slightly off freq	USB	(AB)
S06s	12560	8-6	0540	Wed	464 830 5 65906 66610 20336 17301 88554 830 5 00000	USB	(AB)
S06s	9485	8-6	0820	Wed	471 980 5 33796 13577 74526 46647 79302 480 5 00000	USB	(AB)
S06s	11085	8-6	0830	Wed	471 980 5 33796 13577 74526 46647 79302 480 5 00000	USB	(AB)
S06s	10290	10-6	0930	Fri	516 920 7 68765 73779 57539 21414 17658 99790 84388 920 7 00000	USB	(AB)
S06s	9655	10-6	0940	Fri	516 920 7 68765 73779 57539 21414 17658 99790 84388 920 7 00000	USB	(AB)
S06s	16320	12-6	0630	Sun	524 896 7 67286 74059 72532 59526 30430 58158 99790 896 7 00000	USB	(AB)
S06s	8221	13-6	0830	Mon	371 524 6 16945 80744 62600 84706 42227 08531 524 6 00000	USB	(AB)
S06s	9353	13-6	0840	Mon	371 524 6 16945 80744 62600 84706 42227 08531 524 6 00000	USB	(AB)
S06s	16380	13-6	0900	Mon	872 509 6 10592	USB	(HFD)
S06s	16380	13-6	0900	Mon	872 509 6 10597 23521 47660 92883 69901 39534 509 6 00000	USB	(AB)
S06s	14835	13-6	0910	Mon	872 509 6 10597 23521 47660 92883 69901 39534 509 6 00000	USB	(AB)
S06s	14835	13-6	0910	Mon	872	USB	(HFD)

S06s	10230	13-6	1200	Mon	831 407 5 88620 58069 61732 74537 56440 407 5 00000	USB	(AB)
S06s	12165	13-6	1210	Mon	831 407 5 88620 58069 61732 74537 56440 407 5 00000	USB	(AB)
S06s	15945	14-6	0600	Tue	438 295 6 49294 38064 31724 37324 49416 35660 295 6 00000	USB	(AB/Edd-POL)
S06s	16945	14-6	0610	Tue	438 295 6 49294 38064 31724 37324 49416 35660 295 6 00000	USB	(AB)
S06s	6780	14-6	0715	Tue	374 815 6 38034 37823 38230 48245 38702 44520 815 6 00000	USB	(Edd-POL)
S06s	11655	14-6	0740	Tue	427 580 6 46062 68672 97478 39685 30485 96632 580 6 00000	USB	(AB)
S06s	11655	14-6	0740	Tue	427 580 6 46062 68672 97478 39685 30485 96632 580 6 00000	USB	(Edd-POL)
S06s	14373	14-6	0800	Tue	352 814 6 52401 63919 92699 14600 74248 48754 814 6 00000	USB	(AB)
S06s	12935	14-6	0810	Tue	352 814 6 52401 63919 92699 14600 74248 48754 814 6 00000	USB	(AB)
S06s	6810	14-6	1100	Tue	754 209 6 33796 13577 74526 46647 79402 53516 209 6 00000	USB	(AB/Edd-S)
S06s	7560	14-6	1110	Tue	754 209 6 33796 13577 74526 46647 79402 53516 209 6 00000	USB	(AB/Edd-S)
S06s	7744	14-6	1510	Tue	537 210 6 11171 64386 82707 06123 22536 88280 210 6 00000	USB	(AB)
S06s	11565	15-6	0530	Wed	464 291 5 38453 48324 33885 31830 34645 291 5 00000	USB	(AB/Edd-S)
S06s	12560	15-6	0540	Wed	464 291 5 38453 48324 33885 31830 34645 291 5 00000	USB	(AB/Edd-S)
S06s	12110	15-6	0730	Wed	745 203 6 52401 63919 92699 14600 74248 48754 203 6 00000	USB	(AB/Edd-S)
S06s	9485	15-6	0820	Wed	471 530 6 46062 68672 97478 39685 30485 96632 530 6 00000	USB	(AB/Edd-S)
S06s	11085	15-6	0830	Wed	471 530 6 46062 68672 97478 39685 30485 96632 530 6 00000	USB	(AB)
S06s	14580	15-6	1000	Wed	729 561 8 24357 60583 54545 50128 99477 83574 48874 94031 561 8 00000	AM	(AB/Edd-S)
S06s	16020	15-6	1010	Wed	729 561 8 24357 60583 54545 50128 99477 83574 48874 94031 561 8 00000	AM	(AB)
S06s	12952	16-6	0900	Thu	167 498 5 53516 25616 56069 96813 14199 498 5 00000	AM	(AB)
S06s	7161	16-6	0910	Thu	624 830 5 ...	USB	(AB)
S06s	10325	16-6	0940	Thu	314 208 5 26634 14690 95592 60386 81413 208 5 00000	USB	(AB)
S06s	13135	16-6	1200	Thu	425 968 7 47891 23247 14099 94961 35826 65906 77243 968 7 00000	USB	(AB)
S06s	14535	16-6	1210	Thu	425 968 7 47891 23247 14099 94961 35826 65906 77243 968 7 00000	USB	(AB)
S06s	14875	19-6	0640	Sun	524 803 6 44365 43025 39283 33578 47568 40573 803 6 00000	USB	(AB)
S06s	10230	20-6	1200	Mon	831 294 5 47530 27810 66483 98234 00618 294 5 00000	USB	(AB)
S06s	12165	20-6	1210	Mon	831 294 5 47530 27810 66483 98234 00618 294 5 00000	USB	(AB)
S06s	15945	21-6	0600	Tue	438 271 5 76584 55901 33254 65021 33533 271 5 00000	USB	(AB)

S06s	16945	21-6	0610	Tue	438 271 5 76584 55901 33254 65021 33533 271 5 00000	USB	(AB)
S06s	6780	21-6	0715	Tue	374 861 5 46062 68672 97478 93685 30485 861 5 00000	USB	(AB)
S06s	7365	21-6	0730	Tue	427 910 6 52401 63919 92699 14600 74249 48754 427 910 6 00000	USB	(AB)
S06s	11655	21-6	0740	Tue	427 910 6 52401 63919 92699 14600 74249 48754 427 910 6 00000	USB	(AB)
S06s	14373	21-6	0800	Tue	352 916 7 33796 13577 74526 46647 79302 53516 25616 916 7 00000	USB	(AB)
S06s	12935	21-6	0810	Tue	352 916 7 33796 13577 74526 46647 79302 53516 25616 916 7 00000	USB	(AB)
S06s	7744	21-6	1510	Tue	537 280 6 39534 17228 15636 47891 23247 17099 280 6 00000	USB	(AB)
S06s	11565	22-6	0530	Wed	464 291 5 38453 48324 33885 31830 34645 291 5 00000	USB	(AB)
S06s	12560	22-6	0540	Wed	464 291 5 38453 48324 33885 31830 34645 291 5 00000	USB	(AB)
S06s	12110	22-6	0730	Wed	745 203 6 52401 63919 92699 14600 74248 48754 203 6 00000	AM	(AB)
S06s	14977	22-6	0740	Wed	745 203 6 52401 63919 92699 14600 74248 48754 203 6 00000	AM	(AB)
S06s	9485	22-6	0820	Wed	471 530 6 46062 68672 97478 39685 30485 96632 530 6 00000	USB	(AB)
S06s	11085	22-6	0830	Wed	471 530 6 46062 68672 97478 39685 30485 96632 530 6 00000	USB	(AB)
S06s	14580	22-6	1000	Wed	729 561 8 24357 60583 54545 50128 99477 83574 48874 94031 561 8 00000	AM	(AB)
S06s	16020	22-6	1010	Wed	729 561 8 24357 60583 54545 50128 99477 83574 48874 94031 561 8 00000	AM	(AB)
S06s	12952	23-6	0900	Thu	167 498 5 53516 25616 56069 96813 14199 498 5 00000	USB	(AB)
S06s	13565	23-6	0910	Thu	167 498 5 53516 25616 56069 96813 14199 498 5 00000	USB	(AB)
S06s	9255	23-6	0930	Thu	314 208 5 26634 14690 95592 60386 81413 208 5 00000	USB	(AB)
S06s	10325	23-6	0940	Thu	314 208 5 26634 14690 95592 60386 81413 208 5 00000	USB	(AB)
S06s	10290	24-6	0930	Fri	516 973 8 46062 68672 97478 39685 30485 96632 52537 53317 973 8 00000	USB	(AB)
S06s	9655	24-6	0940	Fri	516 973 8 46062 68672 97478 39685 30485 96632 52537 53317 973 8 00000	USB	(AB)
S06s	16320	26-6	0630	Sun	524 803 6 44365 43025 39283 33578 47568 40573 803 6 00000	USB	(AB)
S06s	14875	26-6	0640	Sun	524 803 6 44365 43025 39283 33578 47568 40573 803 6 00000	USB	(AB)
S06s	9353	27-6	0840	Mon	371 849 5 48310 47917 44509 67859 38786 849 5 00000	USB	(AB)
S06s	16380	27-6	0900	Mon	872 916 5 37651 09807 47538 90081 44381 916 5 00000	USB	(AB)
S06s	14835	27-6	0910	Mon	872 916 5 37651 09807 47538 90081 44381 916 5 00000	USB	(AB)

S06s	10230	27-6	1200	Mon	831 294 5 47530 27810 66483 98234 00618 294 5 00000	USB	(AB)
S06s	12165	27-6	1210	Mon	831 294 5 47530 27810 66483 98234 00618 294 5 00000	USB	(AB)
S06s	15945	28-6	0600	Tue	438 271 5 76584 55901 33254 65021 33533 271 5 00000	USB	(AB)
S06s	16945	28-6	0610	Tue	438 271 5 76584 55901 33254 65021 33533 271 5 00000	USB	(AB)
S06s	7365	28-6	0730	Tue	427 910 6 52401 63919 92699 14600 74249 48754 427 910 6 00000	USB	(AB)
S06s	11655	28-6	0740	Tue	427 910 6 52401 63919 92699 14600 74249 48754 427 910 6 00000	USB	(AB)
S06s	14373	28-6	0800	Tue	352 916 7 33796 13577 74526 46647 79302 53516 25616 916 7 00000	USB	(AB)
S06s	12935	28-6	0810	Tue	352 916 7 33796 13577 74526 46647 79302 53516 25616 916 7 00000	USB	(AB)
S06s	11565	29-6	0530	Wed	464 464 464 00000	USB	(AB)
S06s	12560	29-6	0540	Wed	464 464 464 00000	USB	(AB)
S06s	12110	29-6	0730	Wed	745 745 745 00000	AM	(AB)
S06s	14977	29-6	0740	Wed	745 745 745 00000	AM	(AB)
S06s	9485	29-6	0820	Wed	471 471 471 00000	USB	(AB)
S06s	11085	29-6	0830	Wed	471 471 471 00000	USB	(AB)
S06s	14580	29-6	1000	Wed	729 729 729 00000	AM	(AB)
S06s	16020	29-6	1010	Wed	729 729 729 00000	AM	(AB/GHn)
S06s	12952	30-6	0900	Thu	167 167 167 00000	AM	(AB)
S06s	7161	30-6	0910	Thu	624 624 624 00000	USB	(AB)
S06s	13565	30-6	0910	Thu	167 167 167 00000	AM	(AB)
S06s	9255	30-6	0930	Thu	314 314 314 00000	USB	(AB)
S06s	10325	30-6	0940	Thu	314 314 314 00000	USB	(AB)
S06s	13145	30-6	1200	Thu	425 425 425 00000	AM	(AB)
S06s	14535	30-6	1210	Thu	425 425 425 00000	AM	(AB)
S11a	4870	1-6	1955	Wed	371/00	USB	(MPJ)
S11a	4879	3-6	1955	Fri	371/00	USB	(F5JBR)
S11a	11092	4-6	1540	Sat	563/00	USB	(HFD)
S11a	11092	4-6	1540	Sat	563/00	USB	(AB/MPJ)
S11a	8530	7-6	0915	Tue	484/00	USB	(AB)
S11a	11581	7-6	1020	Tue	421/36 Vnimanaye 24207 60300 32567 ... 55787 78045 57443 Vni- manaye, rpt msg, konets	USB	(AB)
S11a	20180	8-6	0715	Wed	382/36 Vnimanaye 39497 ...	USB	(BCI/HFD)
S11a	5149	10-6	0455	Fri	321/00	USB	(AB)
S11a	8530	10-6	0915	Fri	484/00	USB	(AB)
S11a	11581	10-6	1020	Fri	421/36 Vnimanaye 24207 60300 32567 ... 55787 78045 57443 Vni- manaye, rpt msg, konets	USB	(AB)
S11a	20180	13-6	0715	Mon	382/00	USB	(AB)
S11a	16530	13-6	1015	Mon	475/00	USB	(AB)
S11a	5149	14-6	0455	Tue	322/39 Vnimanaye 18790 98209 66726 ... 67552 01474 67144 Vni- manaye, rpt msg, konets	USB	(AB/Edd-S)
S11a	8530	14-6	0915	Tue	484/00	USB	(AB/Edd-S)
S11a	11581	14-6	1020	Tue	426/00	USB	(AB/Edd)
S11a	8530	17-6	0915	Fri	484/00	USB	(AB)
S11a	11581	17-6	1020	Fri	426/00	USB	(AB)
S11a	11092	18-6	1540	Sat	565/39 Vnimanaye ...	USB	(AB)
S11a	20180	20-6	0715	Mon	382/00	USB	(AB)

S11a	16530	20-6	1015	Mon	475/00	USB	(AB)
S11a	5149	21-6	0455	Tue	321/00	USB	(AB)
S11a	8530	21-6	0915	Tue	487/39 Vnimanaye 34474 00809 69215 ... 40717 22823 00288 Vni- maniye, rpt msg, konets	USB	(AB)
S11a	11581	21-6	1020	Tue	426/00	USB	(AB)
S11a	11092	22-6	1540	Wed	563/00	USB	(MPJ)
S11a	4870	22-6	1955	Wed	371/00	USB	(AB/MPJ)
S11a	8530	24-6	0915	Fri	487/39 Vnimanaye 34474 00809 69215 ... 40717 22823 00288 Vni- maniye, rpt msg, konets	USB	(AB)
S11a	11581	24-6	1020	Fri	426/00	USB	(AB)
S11a	4870	24-6	1955	Fri	371/00	USB	(AB/MPJ)
S11a	11092	25-6	1540	Sat	563/00	USB	(MPJ)
S11a	5149	28-6	0455	Tue	321/00	USB	(AB)
S11a	8530	28-6	0915	Tue	484/00	USB	(AB)
S11a	11092	29-6	1540	Wed	563/00	USB	(MPJ)
S11a	4870	29-6	1955	Wed	371/00	USB	(MPJ)
S28	4625	6-6	0953	Mon	ZhUOZ 06392 ZNACHASHchIJ 67457137	USB	(Priyom)
S28	4625	6-6	0955	Mon	ZhUOZ 49347 DYROChKA 56847778	USB	(Priyom)
S28	4625	20-6	0758	Mon	ZhUOZ 70966 VYMOROChNYJ 70063676	USB	(Priyom)
S28	4625	20-6	0800	Mon	ZhUOZ 21656 VOZNYeSYeNIYe 68097350	USB	(Priyom)
S28	4625	20-6	0945	Mon	ZhUOZ 36239 BOYeKOCIAN 39125640	USB	(Priyom)
S28	4625	20-6	1118	Mon	ZhUOZ 20379 BRYeDOPONG 51865298	USB	(Priyom)
S28	4625	22-6	0741	Wed	ZhUOZ 36139 SNYeGOChYeLN 36020024. Female voice on back- ground	USB	(Priyom)
S28	4625	22-6	1719	Wed	ZhUOZ 05261 BAKSOVDOH 38197622 DOKOSHish 77096142. Phone rings on background	USB	(Priyom)
S28	4625	22-6	1742	Wed	ZhUOZ 52369 ZAKRYTIYe 61437314	USB	(Priyom)
S28	4625	22-6	1848	Wed	ZhUOZ 91575 ARHYeOGRAF 09600781	USB	(Priyom)
S28	4625	22-6	1858	Wed	ZhUOZ 89472 IZYuMOKLICH 97739512. Female voice on back- ground	USB	(Priyom)
S28	4625	22-6	1900	Wed	ZhUOZ 26426 GUAMOChUB 23400885	USB	(Priyom)
S28	4625	22-6	1904	Wed	ZhUOZ 28481 GRANOHYeR 09581028	USB	(Priyom)
S28	4625	23-6	1101	Thu	ZhUOZ 36925 BASHONAST 62420041	USB	(Priyom)
S28	4625	23-6	1110	Thu	ZhUOZ 60177 YeJSKKYuSYu 64401210. Female voice on back- ground	USB	(Priyom)
S28	4625	23-6	1237	Thu	ZhUOZ 31478 VARIKOZNYJ 76729016	USB	(Priyom)
S28	4625	23-6	1338	Thu	ZhUOZ 50053 ZAIROZAD 66347183. Female voice on background	USB	(Priyom)
S28	4625	23-6	1443	Thu	ZhUOZ 31814 BLYuMOSHyeIH 19913345 VYeYeROPAZ 84553431	USB	(Priyom)
S28	4625	23-6	1444	Thu	ZhUOZ 59669 ISSYeChYeNIYe 71866289 BUYaNOFARSh 98545153 ZAJCOVRYeD 21641766	USB	(Priyom)
S28	4625	27-6	1229	Mon	ZhUOZ 70348 DZhiHAD 23635984	USB	(Priyom)

S30	3756	18-6	1812	Sat	53OB 78MV DEAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG	USB	(Priyom)
S30	3756	19-6	1810	Sun	YMA5 VTH3 AGDT 'U1B OSOG BO6C F56Shch 9GSA ZhBZU 4RVZ	USB	(Priyom)
S30	3756	20-6	1819	Mon	Y8VM 6I2Zh 8CSchJ 27Shch' N1DU 53OB 78MV DEAY JH'J 12CI	USB	(Priyom)
S30	3756	22-6	1733	Wed	5J7Shch TUZR 89671 15125 MYSOV'YuK 61113157. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1739	Wed	8S1Shch 50929 JOTOGROG 56456454. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1742	Wed	TUZR 82537 KYeDROZAYaC 17895886. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1814	Wed	8S1Shch 39315 IDOLOLYeS 36952636. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1817	Wed	8S1Shch 83944 DOMRIST 22310390. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1819	Wed	8S1Shch 33856 DYeKOVINT 94206220. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1821	Wed	8S1Shch 38779 GROTYeSKOVYJ 65987973. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1827	Wed	8S1Shch 57780 KURSOChAL 65821569. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1836	Wed	8S1Shch 28302 BATIK 57196181. Time mark after the message	USB	(Priyom)
S30	3756	22-6	1857	Wed	V'Z' NLCE LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CSchJ 27Shch'	USB	(Priyom)
S32	3828	18-6	1835	Sat	BIZON-64 KOVBOJ-39 LANDYSh-74 KURGAN-40 NYeVKA-26 ZASLONKA-27 KARTA-11 OTPOR-89 PYeSOChNYJ-21 ShULER-60 STUPA-32 RYeZINA-38	USB	(Priyom)
S32	3828	19-6	1904	Sun	BIZON-64 PYeSOChNYJ-21 KARTA-11 DUBLYoR-68 PYeNZ-07 KURGAN-40	USB	(Priyom)
S32	3828	20-6	0015	Mon	SLIVA-94 ZASLONKA-27 YaHTA-94 OTPOR-89 LANDYSh-74 S30 in the background	USB	(Priyom)
S32	3828	20-6	1849	Mon	BIZON-64 KOVBOJ-39 LANDYSh-74 KURGAN-40 NYeVKA-26 ZASLONKA-27 KARTA-11 OTPOR-89 PYeSOChNYJ-21 ShULER-60 STUPA-32 RYeZINA-38	USB	(Priyom)
S32	3828	21-6	1847	Tue	KURGAN-40 NYeVKA-26 ZASLONKA-27 KARTA-11	USB	(Priyom)
S32	3828	22-6	1744	Wed	AL'FA-45 64880 GAZOSVARShchIK 90383532. S30 in the background	USB	(Priyom)
S32	3828	22-6	1753	Wed	BIZON-64 KOVBOJ-39 LANDYSh-74 KURGAN-40 NYeVKA-26 ZASLONKA-27 KARTA-11 OTPOR-89 PYeSOChNYJ-21 ShULER-60 STUPA-32 RYeZINA-38	USB	(Priyom)

S32	3828	22-6	1822	Wed	AL'FA-45 58472 VYChISLIMYJ 45469337. Error in reading	USB	(Priyom)
S32	3828	22-6	1826	Wed	AL'FA-45 93838 IDIShOKVIT 43363719	USB	(Priyom)
S32	3828	22-6	1827	Wed	AL'FA-45 33066 INTYeR'YeR 60168258	USB	(Priyom)
S32	3828	22-6	1829	Wed	AL'FA-45 66828 DOGOKNIT 63549174	USB	(Priyom)
S32	3828	22-6	1833	Wed	AL'FA-45 34462 ALOE 46654189	USB	(Priyom)
S32	3828	22-6	1841	Wed	AL'FA-45 62453 NYeRVOMART 47863286	USB	(Priyom)
S32	3828	22-6	1907	Wed	SLIVA-94 UTYoS-94 DZhIGIT-46 FONTAN-34 ALEUT-09 PYeNZ-07 DUBLYoR-68 STAZhER-29 STOROZh- 62 YaHTA-94 RUZh'E-26 ROSA-64	USB	(Priyom)
S32	3828	23-6	1953	Thu	AL'FA-45 94465 MYeTROZNAK 68966249. S30 in the background	USB	(Priyom)
S32	3828	23-6	2058	Thu	AL'FA-45 68295 19374 OVYeVANIYe 80708953. S30 in the background	USB	(Priyom)
S5292	5292	29-6	2116	Wed	Channel marker D	USB	(AB)
UM02	10470	2-6	0130	Thu	VVV CQ (x3) DE YRM (x3) QSV K KFL KLF ZNN VA I VVV ROZ ROZ ROZ	USB	(JPL-Sib)
UVB33	12025	11-6	1500	Sat	VVV VVV VVV UVB33 UVB33 UVB33 219 219 219 ZZZZ FSNBL FULGE EGGUM KFOIU ... XKJDH NLRPC ADENP NXGGZ YYYYY 219 219 219 UVB33 UVB33 UVB33 K	PSK-63	(W2IBC)
UVB33	6926	14-6	0048	Tue	VVV UVB33 181 335 262 103 ZZZZ 00000 00000 00000 YYYYY 181 335 262 103 UVB33 UVB33 UVB33 K	PSK-63	(W2IBC)
V07	12182	5-6	0700	Sun	112 1 511 35 50831 31979 23948 ... 82263 18100 72203 000 000	USB	(Dan/Danix-USA)
V07	11182	5-6	0720	Sun	112 1 511 35 50831 31979 23948 ... 82263 18100 72203 000 000	USB	(Dan/Danix-USA)
V07	10282	5-6	0740	Sun	112 1 511 35 50831 31979 23948 ... 82263 18100 72203 000 000	USB	(Dan/Danix-USA)
V07	12182	26-6	0700	Sun	112 1 113 93 33007 03225 37373 ... 99044 95220 73338 000 000	USB	(Dan)
V07	11182	26-6	0720	Sun	112 1 113 93 33007 03225 37373 ... 99044 95220 73338 000 000	USB	(Dan)
V07	10282	26-6	0740	Sun	112 1 113 93 33007 03225 37373 ... 99044 95220 73338 000 000	USB	(Dan)
V13	15388	5-6	0800	Sun	New Star #3	USB	(AB-HK)
V13	15388	6-6	0700	Mon	New Star #3	USB	(AB-HK)
V13	15388	6-6	0800	Mon	New Star #3	USB	(AB-HK)
V13	15388	9-6	0800	Thu	New Star #3	USB	(AB-HK)
V13	9725	16-6	1200	Thu	New Star Broadcasting #4	AM	(AB-USA)
V13	9725	16-6	1300	Thu	New Star Broadcasting #4	AM	(AB-USA)
V13	15388	25-6	0700	Sat	New Star Broadcasting #3	AM	(AB-J)
V13	15388	25-6	0800	Sat	New Star Broadcasting #3	AM	(AB-J)
V13	9725	27-6	1200	Mon	New Star Broadcasting #4	AM	(AB-KOR)
V13	9725	27-6	1300	Mon	New Star Broadcasting #4	AM	(SDX)
V13	9725	27-6	1308	Mon	New Star Broadcasting #4 i.p.	AM	(RonC)
V13	9725	28-6	1200	Tue	New Star Broadcasting #4	AM	(AB-KOR)
V13	9725	28-6	1300	Tue	New Star Broadcasting #4	AM	(AB-KOR)
V13	9725	30-6	1200	Thu	New Star Broadcasting #4	AM	(AB-USA)
V13	9725	30-6	1300	Thu	New Star Broadcasting #4	AM	(AB-USA)
V21	5637	9-6	1400	Thu	Cuban Babbler: 29 29 vale 679 29 29 804 253 Atento soporte 253 25	USB	(AAFL)

					25 correcto 295 Fernando 297 13 33 33 812 497 811 497 14 ...		
V26	8073	1-6	1131	Wed	Voice callup. Female operator //4243 kHz	USB	(JPL-HK)
V26	4243	2-6	1139	Thu	Voice callup. Female operator //9054 kHz	USB	(JPL-HK)
V26	9054	2-6	1139	Thu	Voice callup. Female operator //4243 kHz	USB	(JPL-HK)
V26	4243	2-6	1159	Thu	Messages in Chinese. Female opera- tor //9054 kHz	USB	(JPL-HK)
V26	9054	2-6	1159	Thu	Messages in Chinese. Female opera- tor //4243 kHz	USB	(JPL-HK)
V26	4243	3-6	1138	Fri	Messages in Chinese. Female opera- tor //9054 kHz	USB	(JPL-HK)
V26	9054	3-6	1138	Fri	Messages in Chinese. Female opera- tor //4243 kHz	USB	(JPL-HK)
V26	8073	7-6	1129	Tue	Voice callup. Female operator	USB	(JPL-HK)
V26	4243	14-6	1226	Tue	Messages in Chinese. Female opera- tor //9054 kHz	USB	(JPL)
V26	9054	14-6	1226	Tue	Messages in Chinese. Female opera- tor //4243 kHz	USB	(JPL)
V26	8073	14-6	1229	Tue	Voice callup. Male operator	USB	(JPL)
V26	7345	29-6	0938	Wed	Messages in Chinese	USB	(RonC)
VC01	4111	9-6	2143	Thu	Chinese Robot	USB	(JPL-HK)
VC01	4111	13-6	1213	Mon	Chinese Robot	USB	(AB)
VC01	5985	27-6	1247	Mon	Chinese Robot i.p.	USB	(RonC)
VC01	5985	27-6	1310	Mon	Chinese Robot i.p.	USB	(RonC)
X06	16115	1-6	1134	Wed	Mazielka. Sequence: 215346	MFSK	(AAI)
X06	13954	3-6	0544	Fri	Mazielka. Sequence: 213546	MFSK	(PUK)
X06	16320	3-6	0625	Fri	Mazielka. Sequence: 241563	MFSK	(PUK)
X06	16219	3-6	0819	Fri	Mazielka. Sequence: 324615	MFSK	(PUK)
X06	18197	3-6	0934	Fri	Mazielka. Sequence: 645321	MFSK	(PUK)
X06	14501	3-6	1004	Fri	Mazielka. Sequence: 361245	MFSK	(PUK)
X06	14824	3-6	1028	Fri	Mazielka. Sequence: 625413	MFSK	(PUK)
X06	20837	3-6	1228	Fri	Mazielka. Sequence: 645321	MFSK	(PUK)
X06	13547	3-6	1237	Fri	Mazielka. Sequence: 625413	MFSK	(PUK)
X06	14824	3-6	1248	Fri	Mazielka. Sequence: 625413	MFSK	(PUK)
X06	12091	3-6	1320	Fri	Mazielka. Sequence: 216354	MFSK	(PUK)
X06	13452	6-6	0652	Mon	Mazielka. Sequence: 165324	MFSK	(AAI)
X06	14825	6-6	0740	Mon	Mazielka. Sequence: 641523	MFSK	(F5JBR)
X06	13369	8-6	0728	Wed	Mazielka. Sequence: 412356	MFSK	(PUK)
X06	16116	8-6	0844	Wed	Mazielka. Sequence: 134265	MFSK	(PUK)
X06	14944	8-6	1027	Wed	Mazielka. Sequence: 621543	MFSK	(PUK)
X06	10653	10-6	0828	Fri	Mazielka. Sequence: 356412	MFSK	(PUK)
X06	19611	10-6	0953	Fri	Mazielka. Sequence: 256134	MFSK	(PUK)
X06	13465	15-6	0835	Wed	Mazielka. Sequence: 362154	MFSK	(AAI)
X06	18197	17-6	0931	Fri	Mazielka. Sequence: 645321	MFSK	(Danix)
X06	13452	20-6	0705	Mon	Mazielka. Sequence: 165324	MFSK	(F5JBR)
X06	16223	23-6	0846	Thu	Mazielka. Sequence: 164532	MFSK	(PUK)
X06	13510	28-6	1013	Tue	Mazielka. Sequence: 612534	MFSK	(PUK)
X06a	16230	16-6	1035	Thu	Mazielka. Sequence: 323232	MFSK	(Sch)
X06b	12138	17-5	1838	Tue	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	13538	17-5	1843	Tue	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	13538	17-5	1856	Tue	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	14538	22-5	1905	Sun	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	14538	22-5	1907	Sun	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	14538	22-5	1922	Sun	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	13538	22-5	1924	Sun	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	12138	22-5	1925	Sun	Mazielka. Sequence: 1--6--	MFSK	(Dan)

X06b	14538	22-5	1926	Sun	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	14538	29-5	1905	Sun	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	14538	29-5	1908	Sun	Mazielka. Sequence: 1--6--	MFSK	(Dan)
X06b	15884	7-6	1808	Tue	Mazielka. Sequence: 1--6-1	MFSK	(Dan)
X06b	11464	25-6	0513	Sat	Mazielka. Sequence: 1--6-- before E07	MFSK	(AB)
X06b	9064	25-6	0514	Sat	Mazielka. Sequence: 1--6-- before E07	MFSK	(AB)
X06b	10264	25-6	0515	Sat	Mazielka. Sequence: 1--6-- before E07	MFSK	(AB)
X06b	15884	30-6	1754	Thu	Mazielka. Sequence: 2--6-- before XPA2	MFSK	(Dan)
X06b	15884	30-6	1806	Thu	Mazielka. Sequence: 2--6-- before XPA2	MFSK	(Dan)
X06c	14450	30-6	1034	Thu	Mazielka. Sequence: 123456	MFSK	(Danix)
XPA	10438	2-6	1730	Thu	Message	MFSK-20/10Bd	(HFD)
XPA	9938	2-6	1750	Thu	Message	MFSK-20/10Bd	(HFD)
XPA	9138	2-6	1810	Thu	Message	MFSK-20/10Bd	(HFD)
XPA	10438	7-6	1730	Tue	491 1 02843 00143 57526 ... 78848 09305 24201	MFSK-20/10Bd	(AB)
XPA	9938	7-6	1750	Tue	491 1 02843 00143 57526 ... 78848 09305 24201	MFSK-20/10Bd	(AB)
XPA	9138	7-6	1810	Tue	491 1 02843 00143 57526 ... 78848 09305 24201	MFSK-20/10Bd	(AB)
XPA	11409	8-6	0600	Wed	456 1 08766 00179 52198 ... 16054 55704 14437	MFSK-20/10Bd	(AB/HFD)
XPA	13509	8-6	0620	Wed	456 1 08766 00179 52198 ... 16054 55704 14437	MFSK-20/10Bd	(AB/HFD)
XPA	14609	8-6	0640	Wed	456 1 08766 00179 52198 ... 16054 55704 14437	MFSK-20/10Bd	(AB/HFD)
XPA	10438	9-6	1730	Thu	491 1 02843 00143 57526 ... 78848 09305 24201	MFSK-20/10Bd	(AB)
XPA	9938	9-6	1750	Thu	491 1 02843 00143 57526 ... 78848 09305 24201	MFSK-20/10Bd	(AB)
XPA	9138	9-6	1810	Thu	491 1 02843 00143 57526 ... 78848 09305 24201	MFSK-20/10Bd	(AB)
XPA	11409	11-6	0600	Sat	456 1 08766 00179 52198 ... 16054 55704 14437	MFSK-20/10Bd	(AB)
XPA	13509	11-6	0620	Sat	456 1 08766 00179 52198 ... 16054 55704 14437	MFSK-20/10Bd	(AB)
XPA	14609	11-6	0640	Sat	456 1 08766 00179 52198 ... 16054 55704 14437	MFSK-20/10Bd	(AB)
XPA	10438	14-6	1730	Tue	491 491 491 000 09306 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9938	14-6	1750	Tue	491 491 491 000 09306 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9138	14-6	1810	Tue	491 491 491 000 09306 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	11409	15-6	0600	Wed	456 456 456 000 09615 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	13509	15-6	0620	Wed	456 456 456 000 09615 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	14609	15-6	0640	Wed	456 456 456 000 09615 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	10438	16-6	1730	Thu	491 491 491 000 09478 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9938	16-6	1750	Thu	491 491 491 000 09478 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9138	16-6	1810	Thu	491 491 491 000 09478 00001 00000 10140	MFSK-20/10Bd	(AB)

XPA	11409	18-6	0600	Sat	456 456 456 000 04694 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	13509	18-6	0620	Sat	456 456 456 000 04694 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	14609	18-6	0640	Sat	456 456 456 000 04694 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	10438	21-6	1730	Tue	491 491 491 000 05823 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9938	21-6	1750	Tue	491 491 491 000 05823 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9138	21-6	1810	Tue	491 491 491 000 05823 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	11409	22-6	0600	Wed	456 1 03062 00191 12119 ... 31435 10107 53600	MFSK-20/10Bd	(AB)
XPA	13509	22-6	0620	Wed	456 1 03062 00191 12119 ... 31435 10107 53600	MFSK-20/10Bd	(AB)
XPA	14609	22-6	0640	Wed	456 1 03062 00191 12119 ... 31435 10107 53600	MFSK-20/10Bd	(AB)
XPA	10438	23-6	1730	Thu	491 491 491 000 07936 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9938	23-6	1750	Thu	491 491 491 000 07936 00001 00000 10140	MFSK-20/10Bd	(AB/MPJ)
XPA	9138	23-6	1810	Thu	491 491 491 000 07936 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	11409	25-6	0600	Sat	456 1 03062 00191 12119 ... 31435 10107 53600	MFSK-20/10Bd	(AB)
XPA	13509	25-6	0620	Sat	456 1 03062 00191 12119 ... 31435 10107 53600	MFSK-20/10Bd	(AB)
XPA	14609	25-6	0640	Sat	456 1 03062 00191 12119 ... 31435 10107 53600	MFSK-20/10Bd	(AB)
XPA	10438	28-6	1730	Tue	491 1 02373 00085 75349 ... 14340 71378 31676	MFSK-20/10Bd	(AB)
XPA	9938	28-6	1750	Tue	491 1 02373 00085 75349 ... 14340 71378 31676	MFSK-20/10Bd	(AB)
XPA	9138	28-6	1810	Tue	491 1 02373 00085 75349 ... 14340 71378 31676	MFSK-20/10Bd	(AB)
XPA	11409	29-6	0600	Wed	456 1 08762 00197 23554 ... 47085 43218 25001	MFSK-20/10Bd	(AB)
XPA	13509	29-6	0620	Wed	456 1 08762 00197 23554 ... 47085 43218 25001	MFSK-20/10Bd	(AB)
XPA	14609	29-6	0640	Wed	456 1 08762 00197 23554 ... 47085 43218 25001	MFSK-20/10Bd	(AB)
XPA	10438	30-6	1730	Thu	491 1 02373 00085 75349 ... 14340 71378 31676	MFSK-20/10Bd	(AB)
XPA	9938	30-6	1750	Thu	491 1 02373 00085 75349 ... 14340 71378 31676	MFSK-20/10Bd	(AB/MPJ)
XPA	9138	30-6	1810	Thu	491 1 02373 00085 75349 ... 14340 71378 31676	MFSK-20/10Bd	(AB)
XPA2	15884	2-6	1900	Thu	Message	MFSK-16/20Bd	(HFD)
XPA2	14984	2-6	1920	Thu	02572 00001 00000 10140	MFSK-16/20Bd	(MPJ/HFD)
XPA2	14384	2-6	1940	Thu	Message	MFSK-16/20Bd	(HFD)
XPA2	16167	4-6	2100	Sat	00367 00117 00889 ... 15729 64651 61447	MFSK-16/20Bd	(AB)
XPA2	14663	4-6	2120	Sat	00367 00117 00889 ... 15729 64651 61447	MFSK-16/20Bd	(AB)
XPA2	13923	4-6	2140	Sat	00367 00117 00889 ... 15729 64651 61447	MFSK-16/20Bd	(AB)
XPA2	14738	5-6	2100	Sun	06994 00001 00000 10140	MFSK-16/20Bd	(AB/Dan/HFD)
XPA2	13438	5-6	2120	Sun	06994 00001 00000 10140	MFSK-16/20Bd	(AB/Dan/HFD)
XPA2	12138	5-6	2140	Sun	06994 00001 00000 10140	MFSK-16/20Bd	(AB/Dan/HFD)

XPA2	19514	7-6	0700	Tue	03004 00103 80660 ... 46248 27576 44767	MFSK-16/20Bd	(AB/HFD)
XPA2	18214	7-6	0720	Tue	03004 00103 80660 ... 46248 27576 44767	MFSK-16/20Bd	(AB/HFD)
XPA2	16314	7-6	0740	Tue	03004 00103 80660 ... 46248 27576 44767	MFSK-16/20Bd	(AB/HFD)
XPA2	15884	7-6	1900	Tue	09284 00000 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	14984	7-6	1920	Tue	09284 00000 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	14384	7-6	1940	Tue	09284 00000 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	14738	7-6	2100	Tue	03103 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	13438	7-6	2120	Tue	03103 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	12138	7-6	2140	Tue	03103 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	15884	9-6	1900	Thu	05244 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	14984	9-6	1920	Thu	05244 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	14384	9-6	1940	Thu	05244 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	19514	10-6	0700	Fri	03004 00103 80660 ... 46248 27576 44767	MFSK-16/20Bd	(AB)
XPA2	18214	10-6	0720	Fri	03004 00103 80660 ... 46248 27576 44767	MFSK-16/20Bd	(AB)
XPA2	16314	10-6	0740	Fri	03004 00103 80660 ... 46248 27576 44767	MFSK-16/20Bd	(AB)
XPA2	14663	10-6	2120	Fri	Message	MFSK-16/20Bd	(HFD)
XPA2	13923	10-6	2140	Fri	msg XPA2r	MFSK-16/20Bd	(HFD)
XPA2	16167	11-6	2100	Sat	07840 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14663	11-6	2120	Sat	07840 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13923	11-6	2140	Sat	07840 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14738	12-6	2100	Sun	06743 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	13438	12-6	2120	Sun	06743 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	12138	12-6	2140	Sun	06743 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	19514	14-6	0700	Tue	00949 00179 37691 ... 39461 29752 06026	MFSK-16/20Bd	(AB)
XPA2	18214	14-6	0720	Tue	00949 00179 37691 ... 39461 29752 06026	MFSK-16/20Bd	(AB)
XPA2	16314	14-6	0740	Tue	00949 00179 37691 ... 39461 29752 06026	MFSK-16/20Bd	(AB)
XPA2	15884	14-6	1900	Tue	08807 00239 49419 ... 86323 91836 05337	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	14-6	1920	Tue	08807 00239 49419 ... 86323 91836 05337	MFSK-16/20Bd	(AB/MPJ)
XPA2	14384	14-6	1940	Tue	08807 00239 49419 ... 86323 91836 05337	MFSK-16/20Bd	(AB/MPJ)
XPA2	15884	16-6	1900	Thu	08807 00239 49419 ... 86323 91836 05337	MFSK-16/20Bd	(AB/Dan)
XPA2	14984	16-6	1920	Thu	08807 00239 49419 ... 86323 91836 05337	MFSK-16/20Bd	(AB/Dan)
XPA2	14384	16-6	1940	Thu	08807 00239 49419 ... 86323 91836 05337	MFSK-16/20Bd	(AB/Dan)
XPA2	19514	17-6	0700	Fri	00949 00179 37691 ... 39461 29752 06026	MFSK-16/20Bd	(AB)
XPA2	18214	17-6	0720	Fri	00949 00179 37691 ... 39461 29752 06026	MFSK-16/20Bd	(AB)
XPA2	16314	17-6	0740	Fri	00949 00179 37691 ... 39461 29752 06026	MFSK-16/20Bd	(AB)
XPA2	16167	17-6	2100	Fri	07055 00101 55874 ... 79893 79341 24047	MFSK-16/20Bd	(AB)
XPA2	14663	17-6	2120	Fri	07055 00101 55874 ... 79893 79341 24047	MFSK-16/20Bd	(AB)
XPA2	13923	17-6	2140	Fri	07055 00101 55874 ... 79893 79341 24047	MFSK-16/20Bd	(AB)
XPA2	16167	18-6	2100	Sat	02249 00001 00000 10140	MFSK-16/20Bd	(AB/Danix)

XPA2	14663	18-6	2120	Sat	02249 00001 00000 10140	MFSK-16/20Bd	(AB/Danix)
XPA2	13923	18-6	2140	Sat	02249 00001 00000 10140	MFSK-16/20Bd	(AB/Danix)
XPA2	14738	19-6	2100	Sun	06831 00081 57111 ... 33138 56223 04556	MFSK-16/20Bd	(AB)
XPA2	13438	19-6	2120	Sun	06831 00081 57111 ... 33138 56223 04556	MFSK-16/20Bd	(AB)
XPA2	12138	19-6	2140	Sun	06831 00081 57111 ... 33138 56223 04556	MFSK-16/20Bd	(AB)
XPA2	19514	21-6	0700	Tue	07376 00141 76352 ... 95009 89585 35645	MFSK-16/20Bd	(AB)
XPA2	18214	21-6	0720	Tue	07376 00141 76352 ... 95009 89585 35645	MFSK-16/20Bd	(AB)
XPA2	16314	21-6	0740	Tue	07376 00141 76352 ... 95009 89585 35645	MFSK-16/20Bd	(AB)
XPA2	15884	21-6	1900	Tue	06862 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	21-6	1920	Tue	06862 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	14384	21-6	1940	Tue	06862 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	14738	21-6	2100	Tue	06831 00081 57111 ... 36296 32301 56673 798 the transmitter broke down at group 52	MFSK-16/20Bd	(AB)
XPA2	13438	21-6	2120	Tue	06831 00081 57111 ... 34149 57223 04666	MFSK-16/20Bd	(AB)
XPA2	12138	21-6	2140	Tue	06831 00081 57111 ... 34149 57223 04666	MFSK-16/20Bd	(AB)
XPA2	15884	23-6	1900	Thu	05274 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	14984	23-6	1920	Thu	05274 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	14384	23-6	1940	Thu	05274 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	19514	24-6	0700	Fri	07376 00141 76352 ... 95009 89585 35645	MFSK-16/20Bd	(AB)
XPA2	18214	24-6	0720	Fri	07376 00141 76352 ... 95009 89585 35645	MFSK-16/20Bd	(AB)
XPA2	16314	24-6	0740	Fri	07376 00141 76352 ... 95009 89585 35645	MFSK-16/20Bd	(AB)
XPA2	16167	24-6	2100	Fri	08673 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14663	24-6	2120	Fri	08673 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13923	24-6	2140	Fri	08673 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	16167	25-6	2100	Sat	07103 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	14663	25-6	2120	Sat	07103 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	13923	25-6	2140	Sat	07103 00001 00000 10140	MFSK-16/20Bd	(AB/Dan)
XPA2	14738	26-6	2100	Sun	07352 00057 44510 ... 42649 87028 64507	MFSK-16/20Bd	(AB)
XPA2	13438	26-6	2120	Sun	07352 00057 44510 ... 42649 87028 64507	MFSK-16/20Bd	(AB)
XPA2	12138	26-6	2140	Sun	07352 00057 44510 ... 42649 87028 64507	MFSK-16/20Bd	(AB)
XPA2	19514	28-6	0700	Tue	01791 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	18214	28-6	0720	Tue	01791 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	16314	28-6	0740	Tue	01791 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15884	28-6	1900	Tue	07395 00257 13688 ... 09394 56300 22720	MFSK-16/20Bd	(AB/MPJ)
XPA2	14984	28-6	1920	Tue	07395 00257 13688 ... 09394 56300 22720	MFSK-16/20Bd	(AB/MPJ)
XPA2	14384	28-6	1940	Tue	07395 00257 13688 ... 09394 56300 22720	MFSK-16/20Bd	(AB/MPJ)
XPA2	14738	28-6	2100	Tue	07352 00057 44510 ... 42649 87028 64507	MFSK-16/20Bd	(AB/Dan)
XPA2	13438	28-6	2120	Tue	07352 00057 44510 ... 42649 87028 64507	MFSK-16/20Bd	(AB/Dan)
XPA2	12138	28-6	2140	Tue	07352 00057 44510 ... 42649 87028 64507	MFSK-16/20Bd	(AB/Dan)

XPA2	15884	30-6	1900	Thu	07395 00257 13688 ... 09394 56300 22720	MFSK-16/20Bd	(AB/Dan/MPJ)
XPA2	14984	30-6	1920	Thu	07395 00257 13688 ... 09394 56300 22720	MFSK-16/20Bd	(AB/Dan/MPJ)
XPA2	14384	30-6	1940	Thu	07395 00257 13688 ... 09394 56300 22720	MFSK-16/20Bd	(AB/Dan/MPJ)
XSL	6250	29-6	0943	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-PHL)
XSL	6417	29-6	0944	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-PHL)
XSL	6445	29-6	0945	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-PHL)
XSL	8313	29-6	0946	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-PHL)
XSL	8585	29-6	0947	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-PHL)
XSL	8703.5	29-6	0948	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-PHL)
XSL	4231	29-6	1642	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-AUS)

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AB-HK	Ary Boender via remote rx Hong Kong	JPL-S	JPL via remote rx Sweden
AB-ISR	Ary Boender via remote rx in Israel	JPL-Sib	JPL via remote rx Siberia
AB-J	Ary Boender via remote rx Japan	Lan	Landolpho
AB-KOR	Ary Boender via remote rx South Korea	MCO	Mike Chace-Ortiz, PA, USA
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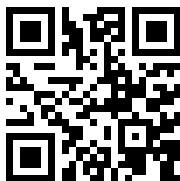
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 423 87629 37677 32612 53498 71296 28756 18276 98716 87
 7269 76329 74698 76857 98678 27681 56701 57681 73648 18
 591 87364 87265 96718 27638 12673 84769 28743 98127 56
 8 63298 75698 27465 87326 49876 28376 81273 98515 61
 67 67432 74328 78674 29867 32867 67867 86786 43266 432
 57 68768 68763 34234 34238 68768 62342 48273 48768 238
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 943 98798 98754 98754 98754 98754 29867 67543 67986 86
 746 87698 69876 87698 69876 87612 12341 34867 86798 652
 943 43298 65656 54756 56123 32143 14321 32143 14321 321
 95 82787 58765 76587 58765 76587 58765 76587 58756 765
 65474 95645 86768 34543 54345 66543 68565 34543 654

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