

670	27364	92836	09428	61208	74982	36498	32764	81276	01
0986	40932	70987	32123	49817	26346	81287	65491	87364	81
721	75654	55656	12737	72727	72727	91918	63473	67867	70
0723	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
058	63298	75698	27465	87326	49876	28376	81273	98615	62
067	87432	74328	78674	29867	32867	67867	86786	43206	432
067	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
076	87698	69876	87698	69876	87612	12341	34867	86798	632
967	43298	65656	56756	56123	32143	14321	32143	14321	321
071	02787	58765	76587	58765	76587	58765	76587	58756	765
000	75475	26547	54365	36543	54365	36543	54365	36543	543

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #222, March 2016

Editor: Ary Boender email: udxf@udxf.nl

Numbers & Oddities <http://www.numbersoddities.nl>

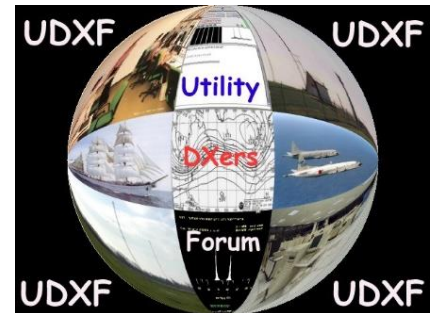
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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

Welcome to yet another edition of Numbers & Oddities. We begin this edition with several interesting news items and links.

UTILITY DXERS FORUM – UDXF 10th anniversary

In March we celebrated the 10th anniversary of the Utility DXers Forum – UDXF. I started UDXF on March 28th, 2006. We have over 3600 members and it is still the best forum for Utility DXers in the world. Thanks for your support and logs during all these years. UDXF and Numbers & Oddities wouldn't exist without your logs and support.



CLOAK & DAGGER

Recently I was interviewed by Shane Harris for the following article in The Daily Beast:

The Stupidly Simple Spy Messages No Computer Could Decode

Every day, hour after hour, the world's spies send top secret information you can easily listen in on.

<http://www.thedailybeast.com/articles/2016/03/06/the-stupidly-simple-spy-messages-no-computer-could-decode.html>

CLOAK & DAGGER 03.06.16 6:01 AM ET



SHANE HARRIS



The Stupidly Simple Spy Messages No Computer Could Decode

Every day, hour after hour, the world's spies send top secret information you can easily listen in on.

INTERESTING HISTORIC BOOKS

American Black Chamber

http://marshallfoundation.org/library/wp-content/uploads/sites/16/2014/06/American-Black-Chamber_II_watermark.pdf

War Secrets In The Ether

Parts I and II

https://www.nsa.gov/public_info/files/friedmanDocuments/ReportsandResearchNotes/FOLDER_264/41761019080017.pdf

Part III

https://www.nsa.gov/public_info/files/friedmanDocuments/Publications/FOLDER_265/41760949080010.pdf

OLX

Priyom published an article written by one of their members, who found a person who helped create Brigita, the device used by OLX. <http://priyom.org/blog/behind-the-device-of-olx> Nice job guys !

AKTENZEICHEN XY

It's an old news item but nevertheless interesting. German television station ZDF airs a program called "AktENZEICHEN XY". The aim of the program is to investigate/solve crimes, using the help of the public. At the end of episode 148 (aired on 3 Sept 1982) and beginning of episode 149 (aired on 1 Oct 1982), there was an item about a kidnapped girl named "Nina von Gallwitz".

The police contacted the kidnapers via newspaper Die Welt. It was a coded message using 5-figure groups. Quite unusual. It never happened before. More info about this case:

Aktenzeichen XY 148: <https://www.youtube.com/watch?v=EO39srKMO9g>

Aktenzeichen XY 149: <https://www.youtube.com/watch?v=JpXHXOM3atg>

Items about the used code and the decoded message:

<http://scienceblogs.de/klausis-krypto-kolumne/nicht-zu-knacken/>

<http://scienceblogs.de/klausis-krypto-kolumne/2016/01/17/entfuhrungsfall-nina-von-gallwitz-so-wurden-die-botschaften-an-die-kidnapper-verschluesselt/>

<http://de.sott.net/article/21312-Rolle-von-verschlussten-Nachrichten-bei-Entfuhrung-der-Nina-von-Gallwitz-einzigartiger-Fall-in-deutscher-Kriminalgeschichte>

Info via Chris, Kristian, and Daniel. Thanks for the tips gentlemen.

NUMBERS STATION NEWS

André reported an unid station that appears to be M76 and Benka found HM02 after quite a long silence. Great job guys !!!
We also have news about the transmitter sites of E25.
The fake/training messages that are regularly sent by E06, G06 and M14 were not heard lately. Are they gone???

VOICE STATIONS



E06

16230/19325 kHz, 03-03/04-03, 0600/0700 UTC

864 375 102
65640 03033 46544 14827 74865 17990 22428 84411 96942 15839
32477 56182 50818 97336 85640 75642 42791 62906 03622 24328
20660 27097 11983 69096 88900 38239 57136 40805 70818 32952
97640 84574 28609 80204 43263 48819 77273 94618 40222 05238
53307 23689 26070 16947 24122 38623 02628 96943 49119 83486
00440 24097 28372 62321 33159 08833 99829 68957 65315 25725
71005 89173 41896 55162 96067 29920 53189 01289 34280 55270
33308 78396 50731 33803 15850 82965 45281 27101 95120 93536
20673 74040 66367 65605 25733 50581 43438 13714 34624 09723
77341 97948 48047 31327 24105 57017 27377 36494 35393 55086
97628 46173
375 102 00000

8022 kHz, 15-03, 1530 UTC / 12202 kHz, 16-03, 1430 UTC

158 403 61
24843 23102 91796 97272 72012 47149 23292 35831 12832 61214
23739 83108 57067 54341 12710 62514 16208 07369 98354 62701
17585 82124 46785 57152 83280 69892 08727 34321 60924 19751
40354 01325 96703 32723 19380 38517 53731 03741 47268 89391
97515 93580 18465 81043 42459 05851 97856 89102 72625 12518
98507 05846 89602 45809 70734 49192 47265 64792 63835 87651
15171
403 61 00000



E07

7724/6924/5824 kHz, 29-02/02-03, 2000/2020/2040 UTC

798 1 325 33
14100 09169 23506 27575 01606 76294 83764 70092 70371 15613
38084 15756 83331 27171 74531 93025 41079 54069 03398 83498
78493 91329 99207 86546 68258 20267 90809 39191 03509 01469
86307 62499 93361
000 000

13439/12139/10739 kHz, 13-03, 1800/1820/1840 UTC

417 1 697 47
81315 18038 26828 13857 86354 12043 34737 78017 73542 83504
80099 75930 88797 10139 43153 32292 22885 05312 46978 18517
51248 86073 09858 99658 85926 24927 59955 82396 38517 97984
50244 86777 28224 03117 27119 81196 09909 73932 38234 83767
85099 57246 85752 67810 38243 78323 15362
000 000

9273/7873/6873 kHz, 14-03/16-03, 2000/2020/2040 UTC

288 1 850 33
82210 67565 22929 64658 88850 68374 65565 47683 57639 80781
30360 57917 72088 74123 19681 87486 10633 08697 81257 16224
14503 30425 76865 22835 72416 28351 36408 31404 94473 57475
44934 05781 61710
000 000

13439/12139/10739 kHz, 16-03, 1800/1820/1840 UTC

417 1 697 47
81315 18038 26828 13857 86354 12043 34737 78017 73542 83504
60099 75930 88797 10139 43153 32292 22885 05312 46978 18517
51248 86073 09858 99658 85926 24927 59955 82396 38517 97984
50244 86777 28224 03117 27119 81196 09909 73932 38234 83667
85099 57246 85752 67810 38243 78323 15362
000 000

9273/7873/6873 kHz, 21-03, 2000/2020/2040 UTC

288 1 304 35
61526 29422 79247 89441 23537 99448 29951 80781 37114 11436
76606 14724 28551 51948 1974 5 76240 73743 85120 76722 05457
87459 58850 78671 53162 43571 91875 46782 93902 89439 26220
96546 71126 65931 30623 00190
000 000

13439/12139/10739 kHz, 23-03, 1800/1820/1840 UTC

417 1 365 61
00893 56735 10373 84898 73950 84980 11815 22624 25444 35339
20367 02698 19684 14924 20968 63541 69665 60412 14734 02790
40969 01415 87525 33334 12698 79346 11308 61399 62760 74067
82000 25238 62889 65648 84954 76647 05043 37991 49252 70204
90994 96679 32133 75530 69630 45633 33738 30092 42695 64559
91888 15685 92985 47003 52645 56476 69457 89701 80146 29348
22044
000 000

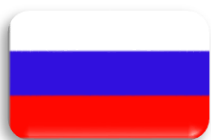
13439/12139/10739 kHz, 27-03, 1800/1820/1840 UTC: 2 messages

417 2 168 70
85446 74917 99997 14620 12421 98893 56347 20553 47150 36979
54736 91204 78375 00432 83521 71065 00333 79415 56379 74326
56451 36079 83173 45988 36891 64053 93379 33670 02257 47841
10105 23112 33875 16967 73351 24276 84684 02277 26058 91455
30773 00772 37975 49440 77237 17540 31611 66741 03414 48584
07566 16486 03898 67260 05132 98849 18353 86234 45562 42519
11601 17161 87750 66585 01869 71787 06177 96920 78724 31546

417 2 365 61
00893 56735 10373 84898 73950 84980 11815 22623 25444 35339
20367 02698 19684 14924 20968 63541 69665 60412 14734 02790
40969 01415 87525 33334 12698 79346 11308 61399 62760 74067
82000 25238 62889 65648 84954 76647 05043 37991 49252 70204
90994 96679 32133 75530 69630 45633 33738 30092 42695 64559
91888 15685 92985 47003 52645 56476 69457 89701 80146 29348
22044
000 000

9273/7873/6873 kHz, 28-03/30-03, 2000/2020/2040 UTC

288 1 697 69
22620 29629 91311 97053 54886 51671 57351 42334 35287 17452
51426 59726 00927 83154 09438 27221 53643 35147 99581 58491
72529 21512 46658 93725 07178 89800 84277 07532 76930 55190
37838 05116 37970 47706 36146 52009 71140 04553 94671 78319
70857 24087 76116 23665 14653 51368 33179 30398 44648 19839
23518 24131 27459 47780 85380 77627 91741 07348 74937 49506
01666 72412 78807 17700 21155 70103 32958 53773 22058
000 000



E07a

11473/10173/9373 kHz, 18-03, 1610/1630/1650 UTC

413 1 10197 7285 71
05645 77079 11816 55429 64845 55317 01287 76121 52659 72479
79158 00308 10721 36515 84245 01042 84215 14206 61691 34436
07585 42096 06235 36990 35159 32325 08552 22078 38013 18789
50467 42384 69172 36645 36979 67088 47565 64744 54184 10567
49146 44755 93826 26572 75841 94346 21428 33451 90632 47678
08090 08099 87014 79552 96164 78163 92497 84355 97033 43093
45579 87837 79804 73719 10257 86770 14917 38608 42012 05435
93770
000 000

11133/12133/13433 kHz, 19-03, 0900/0920/0940 UTC

114 1 10197 7285 71
05645 77079 11816 55429 64845 55317 01287 76121 52659 72479
79158 00308 10721 36515 84245 01042 84215 14206 61691 34436
07585 42096 06235 36990 35159 32325 08552 22078 38013 18789
50467 42384 69172 36645 36979 67088 47565 64744 54184 10567
49146 44755 93826 26572 75841 94346 21428 33451 90632 47678
08090 08099 87014 79552 96164 78163 92497 84355 97033 43093
45579 87837 79804 73719 10257 86770 14917 38608 42012 05435
93770
000 000

5877/5277/4577 kHz, 23-03, 2100/2120/2140 UTC

825 1 62410 7159 73
67182 17995 48066 06306 24307 67012 32439 75270 42571 93303
68115 86579 49418 68307 86376 57899 30558 76329 28008 51368
13441 89843 85386 36568 45207 69956 94917 36246 11713 43712
67775 93815 72613 61024 15658 16882 48489 24985 98979 32733
25603 78876 89499 40958 98828 19184 27001 61397 96044 50096
11024 37229 87710 47257 99063 69727 25551 81997 06670 59537
53553 93524 07679 19614 20452 75043 48028 00418 77629 36834
48069 44653 38233
000 000

6922/8122/9322 kHz, 24-03, 0630/0650/0710 UTC

913 1 62410 7159 73
67182 17995 48066 06306 24307 67012 32439 75270 42571 93303
68115 86579 49418 68307 86376 57899 30558 76329 28008 51368
13441 89843 85386 36568 45207 69956 94917 36246 11713 43712
67775 93815 72613 61024 15658 16882 48489 24985 98979 32733
25603 78876 89499 40958 98828 19184 27001 61397 96044 50096
11024 37229 87710 47257 99063 69727 25551 81997 06670 59537
53553 93524 07679 19614 20452 75043 48028 00418 77629 36834
48069 44653 38233
000 000



E11a

10213 kHz, 02-03, 1705 UTC

395/32 Attention
51527 65183 68702 40323 21446 71266 34011 41563 14583 21203
61329 74298 19940 46036 68693 54728 66199 05516 62333 44014
03895 86609 65023 56140 48541 44050 01816 63648 21050 53285
32017 30357
Attention, rpt msg, out

8186 kHz, 06-03, 1705 UTC

366/32 Attention
67907 73903 92939 74495 94395 25368 82807 73701 26262 18114
86041 60424 87968 26525 67807 82422 09725 07972 69913 44186
15194 43363 14189 56175 87711 08142 29119 16142 88712 69705
29369 46024
Attention, rpt msg, out

9399 kHz, 07-03/09-03, 0900 UTC

535/34 Attention
26200 64386 36135 85336 78374 63435 00266 99303 05884 74644
68894 39297 43498 37124 63433 83945 61754 94531 35977 12336
24916 98611 74059 36076 95262 71511 66862 42328 22543 09495
28479 29860 10711 01849
Attention, rpt msg, out

10221 kHz, 08-03/11-03, 0710 UTC

637/37 Attention

38158 14142 43148 76751 67428 49380 53267 08408 19259 92543
48134 15524 58565 48849 33417 97034 69362 52588 38057 39858
34574 98193 92221 30041 78770 07162 73737 62413 67328 19643
39582 87401 75338 32138 40274 98580 69694

Attention, rpt msg, out

15632 kHz, 08-03/09-03, 1300 UTC

134/33 Attention

50755 47067 92306 77472 58551 13528 15054 58635 68502 59757
24381 43744 56679 14052 35605 41064 15600 87564 16548 99239
25844 94865 63695 04757 07394 17383 39763 91932 18957 72857
26663 09883 86869

Attention, rpt msg, out

15825 kHz, 11-03, 0730 UTC

353/36 Attention

16707 55314 36607 82460 30757 15224 53967 31097 92606 53329
01639 98687 89101 12423 79632 99367 75195 73586 86499 68289
61679 45786 14070 30775 18271 92942 53769 83021 73638 63065
40923 27345 29094 99625 65846 33004

Attention, rpt msg, out

10690 kHz, 14-03/18-03, 0830 UTC

647/37 Attention

32376 65818 76675 22636 09179 00989 78131 83328 67218 06410
64398 88777 07833 75572 37744 38828 10708 75313 87345 23154
72479 71376 74936 76860 50677 62942 44498 40588 50103 07729
20424 50608 15891 16594 36449 84840 70161

Attention, rpt msg, out

6397 kHz, 15-03, 1605 UTC

237/40 Attention

15437 85343 18468 69718 18077 84259 35304 91289 14566 05877
45167 65315 92287 79467 33624 24157 63060 12371 30595 89834
60661 67484 70440 57955 34844 65763 09479 58213 03122 48093
50833 58184 46459 35834 74269 39854 06482 42658 81772 99968

Attention, rpt msg, out

10213 kHz, 21-03, 0745 UTC

267/34 Attention

49130 58642 39009 11173 70527 76251 96475 39739 08656 87723
21367 34351 40147 96314 14684 67565 25057 55594 64827 87756
67887 71205 49421 44459 32908 58341 63730 69651 43299 49932
45906 86941 92093 80281

Attention, rpt msg, out

6923 kHz, 21-03/24-03, 0820 UTC

434/37 Attention

65208 09592 75373 85922 09248 47157 45994 45801 01180 95427
56302 35720 90912 39548 87408 45193 00699 58379 36771 01619
16739 84989 57429 78053 46028 63865 53565 76467 86415 45035
89804 70358 56546 16448 56623 36350 59369

Attention, rpt msg, out

15915 kHz, 21-03, 1540 UTC

229/33 Attention

61588 84312 09578 03935 67468 05188 06493 91511 19080 39939
62232 20441 59047 33821 79629 44355 98564 96493 84132 91715
77998 22651 92304 25648 13445 99884 73297 74317 59162 29417
12282 62958 09767

Attention, rpt msg, out

10800 kHz, 22-03/24-03, 0645 UTC

515/33 Attention

67011 07518 67919 01264 21922 89366 36211 75611 26249 38494
65385 74555 32118 93497 76329 86754 36840 72656 09391 92192
79453 88634 59083 31121 57280 99937 88570 90270 08074 15794
10960 93156 34768

Attention, rpt msg, out

8102 kHz, 22-03, 1045 UTC

576/33 Attention

94829 85147 01886 99860 68456 04336 94561 34516 55247 24231
27292 51949 78237 85917 00047 64848 83999 94185 99322 54225
66906 45449 45775 29832 23600 37277 65743 04392 63101 80508
07373 98037 15393

Attention, rpt msg, out

8803 kHz, 23-03/24-03, 0930 UTC

275/40 Attention

90782 36052 24693 87601 21250 31292 36647 66741 88530 01340
96279 53364 46464 65332 42546 87588 54653 79532 54759 76299
72433 91401 01255 88654 15117 57848 41239 13424 88851 37558
36596 65025 96978 92314 24395 42575 06452 30019 66731 00744

Attention, rpt msg, out

10448 kHz, 23-03/27-03, 1625 UTC

978/34 Attention

88251 59754 67257 76739 87765 29979 52449 43988 35868 73906
34849 93014 03164 94754 23454 75713 97603 37994 11439 28427
29977 49221 68339 70064 12421 44697 57352 96634 83863 79331
02517 13516 24729 74853

Attention, rpt msg, out

10330 kHz, 24-03, 1530 UTC

267/34 Attention

49130 58642 39009 11173 70527 76251 96475 39739 08656 87723
21367 34351 40147 96314 14684 67565 25057 55594 64827 87756
67887 71205 49421 44459 32908 58341 63730 69651 43299 49932
45906 86941 92093 80281

Attention, rpt msg, out

11450 kHz, 27-03, 0805 UTC

319/31 Attention

90296 40685 94136 22813 91544 63420 38434 22956 03644 67912
62202 78985 61712 39517 91525 71531 71188 48429 80793 74516
66677 33811 08781 26197 51991 57278 40766 89360 54958 21892
48704

Attention, rpt msg, out

9443 kHz, 29-03/30-03, 1205 UTC

469/35 Attention

30202 48189 33095 32491 56697 68272 65138 35297 32477 91260

14152 15326 02069 69133 42066 55771 35768 21659 27786 46403

75321 33043 66329 79148 59206 55173 43426 97973 38097 40033

93616 89756 61565 79597 97907

Attention, rpt msg, out



E17z

14260/12930 kHz, 03-03, 0800/0810 UTC

674 339 5 46062 65672 97478 39685 30485 339 5 00000

14260/12930 kHz, 10-03, 0800/0810 UTC

674 239 5 46062 68072 77478 39685 30485 239 5 00000

12930 kHz, 24-03, 0800 UTC

674 235 8 34031 33430 48536 84906 39698 45454 35803 47332 235 8 00000



E25 / E25a

E25 logs

- 6140 kHz, 06-03, 0755 UTC 116 1080 5739 4540 7313 7225 7971 9944 8028 Rebeat Rebeat Rebeat 1080 5739 4540 7313 7225 7971 9944 8028 End of Message, End of Transmission. After this, the full transmission restarts and goes back into the callup. Carrier off at 0904z. At 0908z a repeat of the transmission is sent with less mistakes.
- 6140 kHz, 06-03, 0958 UTC 570 1073 9073 1614 8626 1432 9887 3948 Rebeat Rebeat Rebeat 1073 9073 1614 8626 1432 9887 3948. End of Message, End of Transmission. Windows 7 sound at the end.
- 6140 kHz, 07-03, 0955 UTC 570 1073 9073 1614 8626 1432 9887 3948
- 6240 kHz, 08-03, 0925 UTC 333 1080 5321 9468 4876 4732 8606 6437 5321 (msg sent 2x) 333 msg sent 3x. Rebeat Rebeat Rebeat 1080 5321 9468 4876 4732 8606 6437 5321. No EOM/EOT.
- 6140 kHz, 22-03, 0955 UTC 350 6479 7580 3021 0480 4985 4012 0510 7164 0612 4107 7620 7580 (msg sent 3x) Rebeat Rebeat Rebeat 6479 7580 3021 0480 4985 4012 0510 7164 0612 4107 7620 7580 . No EOM/EOT at the end.
- Note: If listened carefully, you can hear the operator introducing the numbers in the computer (mechanic keyboard sounds), which means that the audio feed comes from a windows 7 computer stereo mix and an open mic. Carrier up until 1011z.
- 6140 kHz, 23-03, 0900 UTC 111 4811 7810 3011 7806 5591 7534 2585 1052 0919 6770 7810 (msg sent 3x) Rebeat Rebeat Rebeat 4811 7810 3011 7806 5591 7534 2585 1052 0919 6770 7810 RBTx3 [Msg repeat] End of Message, End of Transmission. Windows 7 sounds before and after the transmission. Transmitter is left on for the next transmission
- 6140 kHz, 23-03, 0915 UTC 950 3021 9347 0601 9755 9501 7180 8819 8436 2484 4065 7777 0601 (msg sent 3x) Rebeat Rebeat Rebeat 3021 9347 0601 9755 9501 7180 8819 8436 2484 4065 7777 0601. End of Message, End of Transmission. Transmission resets several times during the callup.
- 9450 kHz, 24-03, 1210 UTC Enta Omri used as intro. Starts calling 835 837, which is later corrected as 837. Message: 1021 1580 2368 2827 8197 8039 9441 1331 8517 4396 1580 7907 Rebeat Rebeat Rebeat 1021 1580 2368 2827 8197 8039 9441 1331 8517 4396 1580 7907. End of Message, End of Transmission. Windows 7 sounds heard before the transmission.



30°16'20.28"N 31°21'52.42"E Abu Zabal. Picture by Google Earth

E25a Log

6140 kHz, 07-03, 0800 UTC 117 1 [...] Msg x2 117 1... Transmission ends abruptly around 0803z.

E25 tests and oddities

6140 kHz, 09-03, 0926, 0932, 1135, 1138 UTC

Possible carrier noise on 6140 AM, probably failed transmissions.

6140 kHz, 22-03, 0723 UTC

Carrier switching on and off on 6140 kHz.

6140 kHz, 22-03, 0917 UTC

Carrier up on 6140 until 0942z. Many windows 7 sounds during this period, but no actual message sent.

6140/9450 kHz, 24-03, 1130 UTC

Carrier switching on and off with some windows 7 sounds.

6140 kHz, 28-03, 0750, 0803, 0808, 0818 UTC

Carrier switching on and off on 6140 kHz

Qsr711 reports that E25 uses Radio Cairo's Abu Zabal transmitter site. You can hear that it is the same transmitter. Check the recordings on the N&O website. We already knew that E25 also uses Radio Cairo's Abis transmitter site. The logs are submitted by qsr711 and PW2.

Thanks to qsr711 and PW2 for the logs.



31° 7'25.10"N 30° 4'32.54"E Abis. Picture by Google Earth



G06

4953 kHz, 14-03, 1800 UTC

574 (R) 614 614 107 107

20948 14637 98118 24502 87217 74419 22099 75988 11607 25738

14814 57817 44253 89100 14604 61721 76983 77954 45302 32403

71667 23796 88719 73055 29274 73847 89852 45743 94355 78754

88338 53701 94284 94298 24817 64227 06574 16963 42780 55285

00741 11433 10090 69565 40501 05314 00044 44711 88682 36069

32190 63114 86045 36175 20225 56136 14329 56482 71715 97462

23714 89495 25900 66497 49662 55099 47644 63311 31179 59828

35779 71032 33387 65390 79458 07767 25050 01295 22144 74234

00672 65305 72902 83062 42580 49657 51668 00604 93675 68939

47550 59717 76171 71069 14675 58795 13782 66541 42842 54275

81262 44387 30216 24608 64429 91634 23015

614 614 107 107 00000



S06

10874 kHz, 01-03, 1000 UTC

480 356 40
18517 65670 07835 69607 17737 44924 20307 49406 37855 77934
68300 25052 97700 01827 19382 93471 31816 00691 33721 03136
60191 55235 55110 92008 10140 45362 59541 89197 92539 64453
29592 99312 05121 16999 77299 80729 51842 18973 30973 57563
356 40 000000

19415/16268 kHz, 03-03/04-03, 0830/0930 UTC

842 170 45
34584 47263 99505 84874 57259 20522 36811 09580 12199 54923
20544 52790 80559 06222 64230 05936 13506 75317 72841 71191
83512 07572 63099 56761 29529 62357 29981 03120 56922 56527
82836 57392 78149 11513 99588 38068 05077 58705 72426 57244
28917 82836 43445 92558 48676
170 45 00000

14913/10387 kHz, 15-03/16-03, 1500/1600 UTC

387 506 47
12946 24614 73240 79406 20469 45732 97260 98707 20840 56214
32732 19072 21963 79734 46795 06352 10297 21245 54276 71947
53164 45958 43658 26841 16482 35690 93401 7 5032 52498 96702
57315 14123 51780 93503 25954 46194 73020 64121 79098 51387
72792 16928 03604 26467 62012 59657 41458
506 47 00000

7887 kHz, 16-03, 1615 UTC

409 372 58
05437 69317 06209 37982 09754 47395 98203 29857 68056 53020
53615 78731 80497 02436 04746 39761 59047 35930 45258 54561
49206 28094 39715 38719 19560 97406 83180 01329 96290 06393
29283 10259 95839 92598 07482 56397 01209 27626 19843 67374
78937 06784 75870 53871 15652 38628 78618 02650 61017 57904
62528 86309 32191 39747 09724 52724 19089 21217
372 58 00000 1630z

10867 kHz, 27-03, 1000 UTC

480 276 41
68128 53518 23246 76308 38133 29892 12160 63004 98610 77027
77900 36871 19030 84327 99556 48826 40681 18838 64157 50440
33147 78759 64791 17214 63791 24926 19009 37644 43254 57917
06973 93248 07056 26795 68612 38242 46045 16619 94601 82040
46795
276 41 00000



S06c

9931 kHz, 29-03, 0915 UTC: 11673



S06s

7425 kHz, 01-03, 0730 UTC. Harmonic copied on 14850 kHz by Danix

427 516 8 46062 68672 97478 39685 30485 96632 52537 53317 516 8 00000

12140 kHz, 25-03, 0930 UTC

516 237 8 35861 33423 89319 32494 37142 32842 50003 98328 237 8 00000

I found a very strong carrier on 12160 kHz that started and stopped at exact the same time as S06s was on the air. It had also the same characteristics but there was no transmission on 12160 kHz.



S11a

7317 kHz, 08-03/11-03, 0915 UTC

487/38 Vnmaniye

52204 81822 94161 55398 64767 50473 67734 52221 70889 77213

68466 48167 56653 84371 49099 74966 93272 69696 35791 17645

33673 76098 03407 84516 26106 08407 31488 91873 33045 45648

85614 65811 39213 61895 19184 65650 98316 68917

Vnmaniye, rpt msg, konets

9960 kHz, 25-03, 1020 UTC

426/39 Vnmaniye

32829 08291 14505 30982 39163 34550 81935 38709 48655 47297

35589 24623 72792 29845 44474 02759 51396 09024 29456 84359

09495 78877 82750 81409 30560 37751 28245 33788 66611 15315

26799 85697 29526 78408 74887 14436 67309 83090 36480

Vnmaniye, rpt msg, konets



S28 - The Buzzer

Mode: USB

Frequency: 3216 & 4625 kHz

Date	UTC	Details
2-3	0843	KATOK-68 75398 OBODOK 92138764
2-3	0954	KATOK-68 93144 POLOVIK 96249070 (Female says "repeat the command" after the signal)
2-3	1010	KATOK-68 43542 NAVTARYeN 21924858
2-3	1440	Buzzer channel marker //6998 kHz
2-3	1540	Buzzer channel marker //4625 kHz
4-3	1235	ZhUOZ 21542 DOLOHUK 21286989
4-3	1528	Buzzer channel marker //6998 kHz
4-3	1528	Buzzer channel marker //4625 kHz
10-3	0806	ZhUOZ 96647 VHODONOZh 32264768
10-3	0938	ZhUOZ 69163 GNyeTOTYeMP 79340510
10-3	1244	ZhUOZ 69541 ANGIOTYeNZIN 30879610 (Female voice in the background)
10-3	1401	ZhUOZ 93203 BAPTISTSKIJ 67904701 (Operator started with the old call MDZhB)

Date	UTC	Details
13-3	1349	ZhUOZ 06946 GUZhOMGU 93178248
14-3	1017	ZhUOZ 68631 BANTOHLYeV 15856817 //6698 kHz
14-3	1017	ZhUOZ 68631 BANTOHLYeV 15856817 //4625 kHz
20-3	1129	ZhUOZ 30586 GOLOSTYeR 63023118
21-3	1054	ZhUOZ 41583 YeTOBAL 87994216
21-3	1216	ZhUOZ 15644 KAIKOBALL 58944167
21-3	1442	ZhUOZ 42250 BYeKOKLYeShch 80178154
21-3	1634	ZhUOZ 33943 KUHONNYJ 94777037
24-3	0858	ZhUOZ 00470 KRAMOTORSK 63972775 (Female voice in the background)
24-3	1638	ZhUOZ 71191 BUNTORIS 54031602
28-3	0500	ZhUOZ GYeOLOGIYa 5537
28-3	0506	ZhUOZ PYeNSION 3134
28-3	1538	ZhUOZ 19067 ZYuDOTYeRN 89264497
28-3	1642	ZhUOZ 78268 KRYeSS 18397235
28-3	1716	ZhUOZ CYeNTIM 6151
30-3	0612	ZhUOZ 86782 OBMYeRZANIYe 38152620
30-3	0756	ZhUOZ 16594 ADYeYuNKT 37285295
30-3	0823	ZhUOZ 37726 VYuNODUET 07383110
30-3	0830	ZhUOZ 23365 BOYeCOKLUB 67553089
30-3	1404	ZhUOZ 77729 STOZhOK 73978704

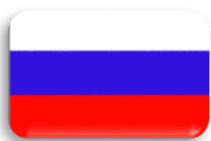


S30 - The Pip

Modes: CW (Pip), USB (messages)
 Frequencies: 3756 kHz (night), 5448 kHz (day)

Freq	Date	UTC	Details
5448	1-3	1514	DKJ1 48715 GODOROG 24160516
5448	1-3	1520	8CShchJ 09528 GYeL' 22344264
5448	2-3	1501	8S1Shch 21052 VLASTYeLIN 57744721
5448	4-3	1415	6I2Zh 01682 KLYeShOPAK 68770790
5448	4-3	1419	S7ZhG 28799 MASTOIDIT 21012946
3756	5-3	1743	49FT C2ZA INNC ShchGJP TZLM FY5E F61N 37CN MUDR 7VNShch
3756	6-3	1630	TShchShchs VKY1 HCLF 61HZh ZBIL L7O5 V'Z' NLCE LI27 V2MZ
5448	7-3	1424	8S1Shch 28719 NASADOChNYJ 29416433
5448	7-3	1434	8S1Shch 99937 KLYeNOLIF 00538047
5448	8-3	0521	TZLM FY5E F61N 37CN MUDR 7VNShch Zh7NZh YMA5 VTH3 AGDT
5448	8-3	1248	42BV 81BR M7KS PMV5 L'GJ KZI' TShchShchs VKY1 HCLF 61HZh
5448	8-3	1300	ZhD9V 34261 VISTOVOR 60648342
5448	8-3	1305	42BV 58968 MARTYeNSIT 90607857
3756	9-3	0159	8S1Shch GROGOTRYeK 2982
3756	9-3	0200	8S1Shch KANOKBIT 4054
3756	9-3	1750	CIHS Z7PM S7ZhG Z'1B CI9V ZhSK4 HZ5T 5FSShch 8MUO TUZR
3756	10-3	1908	9GSA ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS PMV5
3756	17-3	1759	8S1Shch Weather warnings: V period s 19 po 20 marta v Rostovskoy oblasti ozhidayetsya ukhudsheniye gidrometeosloviy. Veter do 20 m/s, osadki v vide dozhdya, mokrogo snega, gololed, vozmozhny snezhnyye zanosy. Temperatura vozdukha do -9 gradusov. (In the period from 19 to 20 March deterioration of hydro-meteorological conditions is expected in the Rostov region. Wind up to 20 m/s, precipitation in the form of rain, sleet, ice, snow drifts are possible. Air temperature to -9 degrees.)
3756	21-3	1633	8S1Shch 40781 LYaRDOKYeDR 32494075
3756	21-3	1823	F56Shch 9GSA ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS

Freq	Date	UTC	Details
3756	22-3	1802	53OB 78MV DEAY JH'J 12CI 79AJ Shcht3O CIHS Z7PM S7ZhG



S32 - Squeaky Wheel

Mode: USB

Frequencies: 3838 kHz (night), 5473//7009 kHz (day)

Freq	Date	UTC	Details
5473	1-3	1519	AL'FA-45 80337 NAPRYaZhYeNIYe 65146851
5473	2-3	1506	AL'FA-45 71714 NAPYeRSNICA 21222042 (S30 in the background)
5473	4-3	1430	AL'FA-45 86417 GICHKA 75910976
3828	9-3	0202	AL'FA-45 GROGOTRYeK 2982 (S30 in the background)
3828	9-3	0204	AL'FA-45 KANOKBIT 4054 (S30 in the background)
3828	9-3	1829	RYeZINA-38 KOVBOJ-39 STUPA-32 KARTA-11 FONTAN-34 RUZh'E-26 SLIVA-94 OTPOR-89 ShULER
3828	16-3	0300	AL'FA-45 23978 40211 64662 MOLODAJKA 01867067
3828	16-3	0308	AL'FA-45 81175 71306 74344 BLYuZ 80708953
3828	17-3	1706	RYeZINA-38 KOVBOJ-39 STUPA-32 KARTA-11 FONTAN-34 RUZh'E-26 NYeVKA-26
3828	19-3	1812	SLIVA-94 OTPOR-89 ShULER-60 STAZhER-29 ZASLONKA-27 STOROZh-62
3828	31-3	1753	SLIVA-94 OTPOR-89 ShULER-60 STAZhER-29 ZASLONKA-27 STOROZh-62



S4525

Frequency: 4524 kHz

Mode: USB

Date	UTC	Details
26-3	1909	Channel marker (dash)
18-3	2051	Channel marker (dash)
19-3	2112	Channel marker (dash)



S5292

Frequencies: 5252 kHz USB

Date	UTC	Details
4-3	1540	Channel marker D
10-3	0826	TVIZIR-21 02382 KURSOVOJ 27459273
10-3	1329	TSYeKRYeT-39 RYeGATA-75 08383 DRAGUN 32168479 (count before the message)
10-3	1414	Test count 1 2 3 4 5 6 7 8 9 0
18-3	2100	Channel marker S
19-3	2112	Channel marker D
26-3	1908	Channel marker D



V02a

Dirección General de Inteligencia

7554 kHz, 03-03, 2000 UTC, LSB YL/SS announcing 5FGs
7554 kHz, 24-03, 2004 UTC, LSB Atencion 22101 35402 48721

03-03, 2000z 7554 kHz LSB:

28512 32841 45362

Message 28512: 58566 71100 77486 11200 58123 26538 40784 37318 70241 13000
58851 40612 64341 05803 83374 60286 84573 68512 34033 48687
77802 42764 04031 31224 40210 31767 61505 61080 67665 40411
61223 35055 77322 20234 74784 04383 76853 21676 44266 62283
46800 03756 152?? ????? ??755 48460 422?? ????? ????? ?????
71320 77558 77218 06362 76661 61464 07274 14676 05555 82718
66028 45481 52264 88865 85744 40405 46648 28448 46637 67253
01848 60280 40432 52802 23865 17466 30761 87164 80787 01608
30623 62441 46185 82004 44362 68327 05226 43627 74353 06242
40128 54077 51406 76206 48716 61866 04348 20163 37321 54200
31672 84716 17028 67231 42357 42344 56826 27550 84254 30838
22501 02840 36427 02316 37188 82146 64414 08053 18677 37030
67377 43002 48805 76552 23070 04635 65844 30135 61584 12238
01204 05005 50210 37476 23625 14282 04514 22570 72257 11662
55713 72464 41415 31570 64166 23758 75714 42311 56380 20753

Message 32841:

23723 45370 02714 42241 80151 24618 74333 80207 74351 12775
50471 05345 20203 82440 53624 55302 33504 86855 24780 01187
78135 32141 07523 11678 42117 32145 21762 86361 58531 83732
06374 26280 07045 30216 25480 71306 24032 70501 08345 11466
71446 14464 34764 26267 16586 40106 20138 71725 85074 21855
36534 71617 04810 55364 30584 23813 13480 44364 41824 35554
13761 76813 45724 22137 17357 22108 38667 01060 80284 08586
03834 13583 25272 42382 85621 12686 10106 46214 48341 21706
43525 22262 32612 26018 86526 00243 07625 86202 50635 60676
07122 70270 61134 15141 65033 50414 24870 51447 04142 62380
10525 78820 85453 40584 21282 08753 51356 80842 37062 14856
20201 36285 56333 42045 03727 48506 32774 25084 87307 58428
36830 55074 50648 62081 86468 28648 85546 05763 75436 64832
36222 57343 11002 78381 54846 07847 64508 75364 27455 46362
63377 36420 71772 36616 77355 14464 07741 60108 50382 13772

Message 45362:

45452 37076 22443 20356 84677 40825 36046 68002 50876 21258
42633 16282 36053 68306 04562 77501 04088 83050 63650 48717
35688 66077 61824 80107 16702 02087 58327 54854 26105 25233
22177 70437 88022 04301 02450 32435 76641 50845 62822 76451
36050 35021 30222 05052 68062 76557 37373 82473 67042 37780
48635 20388 76056 45677 87635 36221 61440 23132 77657 48236
87853 72020 77372 30582 37606 80387 75334 07678 70460 01066
25170 72210 82130 85104 27245 52644 66274 38330 62652 10408
80748 73115 44500 54552 07146 78135 21463 70115 08713 54482
56323 23167 81853 65027 57805 57088 68650 80781 04054 85712
????? ????? ????? ????? ????? ????? ????? ?????? ?????5 07472 10560
84403 00242 85543 66486 20773 53657 57070 23430 48287 78435
66156 66482 25513 15085 00187 67253 04775 00676 08680 78544
53026 38042 00518 72374 66505 64405 53737 40222 15450 07167
78530 32306 00246 87663 17350 64741 36576 17827 52202 24615
Final Final Final



V07

18074/15874/14374 kHz, 20-03, 0100/0120/0140 UTC

883 883 883 1 136 63 136 63
87406 88976 21368 42938 35292 92653 95792 80921 44801 60227
11610 36484 70523 46565 48530 41046 24188 69061 93319 79104
71336 59800 64750 38691 70978 78288 72916 60344 97223 52837
33186 50494 60097 36190 27119 06100 43160 54026 81990 05782
70035 85981 37555 57949 36079 12736 97042 49445 62948 28423
99246 21024 27642 14978 56394 60909 83449 59046 83718 46914
78826 76924 82062
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	15250 kHz New Star Broadcasting #3 0700 UTC
15388 kHz New Star Broadcasting #1 0300 UTC	15250 kHz New Star Broadcasting #3 0800 UTC
15388 kHz New Star Broadcasting #2 0400 UTC	7502 kHz New Star Broadcasting #4 1200 UTC
9522 kHz New Star Broadcasting #4 0500 UTC	7502 kHz New Star Broadcasting #4 1300 UTC
9522 kHz New Star Broadcasting #4 0600 UTC	

Logs:

Freq	Date	UTC	Station	Freq	Date	UTC	Station
9522	2-3	0600	New Star #4	15250	18-3	0700	New Star #3
7502	2-3	1300	New Star #4	15250	18-3	0800	New Star #3
15250	4-3	0700	New Star #3	15250	19-3	0800	New Star #3
15250	4-3	0800	New Star #3	9522	21-3	0600	New Star #4
9522	9-3	0600	New Star #4	15250	21-3	0700	New Star #3
15250	9-3	0700	New Star #3	15250	23-3	0700	New Star #3
7502	9-3	1218	New Star #4 i.p.	7502	23-3	1220	New Star #4 i.p.
7502	10-3	1200	New Star #4	7502	23-3	1300	New Star #4
7502	10-3	1300	New Star #4	15250	24-3	0700	New Star #3
7502	11-3	1320	New Star #4	15250	26-3	0700	New Star #3
9522	14-3	0600	New Star #4	15250	26-3	0800	New Star #3
7502	17-3	1200	New Star #4	9522	30-3	0600	New Star #4
9522	18-3	0620	New Star #4 i.p.	7502	31-03	1200	Mew Star #4



V26

7777 kHz, 04-03, 1228 UTC. Thanks to Dennis for his help

70 70

265 265 557 202 011 (repeats 2 more times)

70 70

085

342 407 684 016 841 684 505 086

085

333 752 86 (blocked for about 3 seconds)

852

See further our Logs Section



V30

Vietnamese numbers

Freq Date UTC Details

10255	8-3	1554	Message in Vietnamese
10255	10-3	1558	i.p. Vietnamese numbers. Ends at 1619 UTC
10255	17-3	1554	Numbers transmission in Vietnamese
10255	18-3	1553	Numbers transmission in Vietnamese
10255	25-3	1554	Numbers transmission in Vietnamese



VC01 - Chinese Robot Chinese Air Defense

Modes: USB and LSB

The station changes its frequencies frequently. Known frequencies:

3036, 2519, 3679, 3749, 3837, 4075, 4258, 4343, 4410, 4422, 4427, 4480, 4530, 4580, 5006, 5195, 5232, 5288, 5303, 5328, 5330, 5393, 5436, 5592, 5700, 5742, 5802, 5832, 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.

Freq	Date	UTC	Day	Freq	Date	UTC	Day
5436	9-3	1038	Wed	5436	19-3	1203	Sat
5436	9-3	1256	Wed	6505	19-3	1203	Sat
5436	11-3	1456	Fri	5436	23-3	1303	Wed
6505	11-3	1459	Fri	6505	23-3	1303	Wed
5436	14-3	1314	Mon	5436	25-3	1202	Fri
6505	14-3	1314	Mon	6505	25-3	1202	Fri
6505	17-3	1212	Thu				



VR01

6985 kHz, 25-03, 1515 UTC Nomer odinnadsat (nr 11)

MORSE STATIONS



M01

5020 kHz, 03-03, 2000 UTC

463 803 80 AS 30 30 = =

89129 15415 68830 96778 66296 80731 00948 64641 83804 11079
74746 19753 16460 57545 54803 94307 39117 68800 29612 69475
27129 50664 27830 73138 14716 74857 58206 05906 04295 50662
803 AS 30 = 000

5475 kHz, 10-03, 1800 UTC

463 146 30 =

72974 09988 49457 05405 36381 30038 86320 41706 43383 42296
86323 60427 27488 58118 94202 87975 62446 27744 23461 93206
04577 36305 43311 32201 77161 73383 07364 48181 76280 58759
= 146 30 000

5020 kHz, 15-03, 2000 UTC

463 319 30 =

13348 47395 09507 70858 90985 03505 53483 03323 56590 22105
08352 75220 49965 24188 67320 79332 20701 30180 34558 18048
87920 48088 98717 48432 28246 64244 54279 27715 01907 13749
= 319 30 000

5475 kHz, 17-03, 1800 UTC

463 183 30 =

54789 89641 98614 12598 36701 84625 77458 89547 36458 21674
54260 71364 75469 00213 34873 69758 02540 96589 12530 75460
21548 89347 36485 26489 23547 69741 02540 60745 26845 78549
= 183 30 000



M01a/M01c

6810 kHz, 04-03, 0746 UTC

284 284 284 577 17
284 284 284 574 77
284 284 000
284 284 77
111 000

4792 kHz, 14-06, 1348 UTC

333 111 =
055 18
111 000

5258 kHz, 22-03, 1817 UTC, i.p.

458 458 458 45278 45278
458 458 458 45278 45278
458 458 458 45278 45278
458 458 458 45278 45278
458 458 458 45278 45278
458 458 458 45648 45648
458 458 458 45648 45648
458 458 458 45648 45648
458 458 458 45648 45648
458 458 458 45648 45648
458 458 458 45648 45648
458 458 458 45648 45648
458 458 458 44648 44648
458 458 458 44648 44648
111
111 000

5101 kHz, 22-03, 1355 UTC

472 472 472 943 91
472 472 472 943 91
472 472 000

3846 kHz, 22-03, 1654 UTC

638 87 35855 ... = 638 87
111 638 87
111 000

6206 kHz, 22-03, 1529 UTC

148 148 148 638 20
148 148 148 638 20
333 623 03
111 999
419 80 = 63159 38196 00607 ... = 419 80 000

3623 kHz, 23-03, 1633 UTC

111 333 =
111 333 03 =
25451 000 =
333 111 000

4642 kHz, 23-03, 2047 UTC

240 240 240 75112 75112
240240 240 75112 75112
240 240 240 75112 75112
240 240 240 75112 75112
240 240 240 240 75112 75112
240 240 240 75112 75112
240 240 240 75372 75372
240 240 240 75372 75372
111 111 111 000

5796 kHz, 23-03, 0905 UTC

591 591 591 39044 39044 111 000

5809 kHz, 24-03, 0925 UTC

966 966 966 783 04
966 966 966 783 04
966 966 000



M12

14769 kHz, 03-03, 1010 UTC

721 721 721 1 (R) 8656 133 8656 133
19816 27075 76165 38145 67463 93485 69498 99245 10515 14853
42112 64098 78478 43556 74026 93526 77387 30654 72456 30919
18549 92036 03724 90705 81639 58525 53467 19731 22517 26517
47790 83585 66341 29578 72550 90379 71056 30271 44106 45666
89188 44771 78219 90177 37192 61795 03468 52085 17027 56737
42377 54855 55212 15439 66278 70163 31464 96982 87363 33679
82366 94091 13796 15225 83392 41788 22176 67207 22886 30888
70316 83355 81262 96556 67581 84731 10428 96997 16665 09967
30242 35306 88297 41531 38603 66383 26464 67893 16501 77655
72576 36409 98941 63798 51100 30015 65159 29470 64701 96063
01126 69760 59457 60965 62666 82900 48327 17389 11887 39517
98714 80593 64170 85254 31485 22607 51187 44950 33155 43768
68745 57926 78478 76428 95946 18728 60092 64796 26279 88518
53857 82708 11758
000 000

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

546 546 546 1 (R) 9268 88 9268 88
81543 19289 87536 62371 36356 14054 95675 25399 40418 66217
82945 05088 86722 82912 60482 27685 72630 82039 77787 83219
28972 64277 94135 01623 46979 77824 70498 31172 10011 70670
53361 56026 92566 47841 64507 72538 51486 40264 16430 68371
97766 33812 92247 47613 85795 84739 27142 97286 93164 46840
52220 11977 87879 50141 13275 19119 74021 75436 57315 33215
95664 27620 69113 87300 04172 05550 25855 58684 69245 69122
78145 52677 94669 30691 20017 97869 77832 15891 99265 81234
99114 21480 01333 10761 55454 03205 93255 32431
000 000

12162/11566/10711 kHz, 10-03, 1700/1720/1740 UTC

546 546 546 1 (R) 5653 86 5653 86
32173 63695 12555 12990 83816 71693 38066 20712 88771 51760
68677 13922 98863 11556 71633 49258 97420 18853 30875 56583
52723 53808 07646 89014 03852 80568 14181 56689 54231 52196
23310 42358 55900 37498 41722 72510 04988 23371 30937 45561
75947 36826 70724 58547 70763 60020 11382 92160 75730 34959
86329 15140 74748 54724 65408 33825 08586 34205 72155 64439
23529 16968 29089 74727 73004 47848 52211 97909 07351 97169
85916 68834 74294 44528 23935 07362 08859 36713 99257 73083
91610 74792 37036 17255 12476 84530
000 000

12205/13559/14728 kHz, 21-03, 1100/1110/1120 UTC

973 973 973 1 (R) 2013 118 2013 118
29788 10158 93509 20788 56970 61104 19580 92649 03709 79772
12275 18208 06285 42104 73385 65696 66975 55874 95046 66073
42569 89967 63864 54608 89612 67960 45594 84255 90856 88407
84022 06411 11364 15129 89896 72918 48353 16923 44257 65737
85902 95539 78706 24323 54890 11882 91002 53684 87829 31663
36312 10567 27699 34657 50544 26278 27912 12940 48232 78010
67562 26941 57698 19509 06389 53545 72100 62767 27801 10654
63794 49936 37922 66271 60659 77139 28382 25723 94370 93204
03502 56728 99459 05720 08835 30382 11192 26449 91829 75611
44983 46402 70777 79944 57405 00765 36838 12389 26965 39992
39312 60773 39528 17752 70050 74254 13190 83311 07229 43400
42581 05412 77582 73379 80906 52604 30644 85798
000 000

8047/6802/5788 kHz, 23-03, 1900/1920/1940 UTC

463 463 463 1 (R) 5589 138 5589 138
47118 38373 49371 10265 58323 83449 90499 76210 09233 67882
10003 87107 50942 77763 98533 45417 70575 48379 81695 32402
72508 24353 24626 07900 38974 50857 51864 78913 41603 92943
65797 21914 57210 63974 13982 27417 93647 23483 18495 79231
97634 86527 15067 38337 57130 44780 51925 04579 96298 54037
10228 15423 05623 79236 51848 18523 57627 82060 75711 65561
94152 03569 26171 97823 01446 53282 49625 09003 95189 61460
38879 56764 64907 03540 10298 28333 07071 618E1 51273 49525
30266 09934 31059 86284 63540 77065 66227 15129 09123 77903
04059 70584 86295 15817 48502 75250 64201 57486 11530 02780
36740 10536 19957 39132 88167 59617 51594 06438 38938 26296
82712 44990 96123 21003 23220 55796 75829 24360 72279 77311
73154 80483 91394 77286 64281 46875 74887 69775 23133 54416
03403 01257 18462 02538 53045 38263 65992 08717
000 000

14769/16269/18169 kHz, 24-03, 1010/1030/1050 UTC

721 721 721 1 (R) 2006 85 2006 85
47559 93333 86806 65120 11757 22038 85365 79639 77960 64365
57024 22391 18710 26115 84693 12853 79532 51890 61442 89611
27322 18903 90228 99024 81268 15610 86969 76329 04352 75883
59280 49475 35839 75248 58998 10772 05635 91173 21351 90476
14399 55435 82520 60863 69774 21251 53193 74399 65747 28200
95783 69354 49056 04793 31716 94711 23851 57622 48305 69169
08561 86658 17118 73622 95397 13066 19881 98478 88157 56882
89724 12285 17542 83449 56479 41389 95782 22315 64563 59034
07736 43645 00370 23521 38212
000 000

9176/7931/6904 kHz, 24-03, 1900/1920/1940 UTC

257 257 257 1 (R) 7650 51 7650 51
40416 78296 75344 21345 72132 43483 28523 77986 24526 37333
52420 23094 76618 15260 70599 63140 88682 62492 25775 74190
63731 33177 29258 79229 05426 75401 22132 10574 73668 09776
46176 37953 97567 58652 94363 82028 81165 71537 23402 20191
63581 57870 24661 52224 89637 96180 34692 78768 84916 90940
11259
000 000

12214/10814/9214 kHz, 26-03, 1310/1330/1350 UTC

282 282 282 1 (R) 1741 101 1741 101
14394 00014 87188 99820 72279 74273 69168 74924 94282 98786
57888 45697 80496 30484 73331 06683 02166 88830 54947 74754
45126 87018 85507 19954 92881 16477 60451 26386 93112 73996
71306 61647 05190 44655 40174 48692 04621 88654 78309 34203
50884 13461 92052 42385 30687 71185 56240 37082 77217 38994
38926 33118 89937 79209 61752 54045 46197 14138 10499 72131
38230 17560 45058 98287 71947 84402 33039 34264 98815 00364
84282 34471 78445 92384 80324 27907 73846 51044 18467 19344
37157 91507 89564 50201 66780 64103 74789 77635 64260 50200
70606 71497 98504 22592 89452 14333 25443 29421 33281 54081
85656

000 000

Ends at 1338 UTC. Then at 1339 UTC: HHH 3 K.

10343/9264/8816 kHz, 29-03, 1930/1950/2010 UTC

124 124 124 1 (R) 3669 94 3669 94
66935 12336 06233 32391 49777 16391 68503 56777 01964 41569
04283 69311 82852 07207 87878 03700 72719 69875 98469 21214
02850 68754 71832 79203 04964 71622 17511 82841 57786 22153
55156 45762 68315 51241 08045 96743 29093 72665 63147 10888
84102 71925 01639 48770 32291 07692 42853 15423 83021 13013
39486 94694 24702 32733 60674 77230 10216 24262 05938 61769
57131 79015 44684 84591 89844 89008 44101 39329 10942 74656
35974 27927 35493 75511 45781 55307 14607 55815 24655 78151
45766 75176 50822 37080 04156 07193 84850 34122 24751 28294
48333 96931 85919 41913
000 000

8047/6802/5788 kHz, 30-03, 1900/1920/1940 UTC

463 463 463 1 (R) 2420 144 2420 144
77093 80723 37352 61729 86197 61472 79380 01050 49987 51527
07771 14234 99850 65795 19056 01200 75083 08540 16269 04038
13145 06416 79366 30196 05802 62441 57884 01500 44105 95145
76681 36843 85648 45282 04738 10928 60360 12753 55190 48456
84793 98285 26805 04825 87535 37457 36885 81910 66443 26910
10234 93398 57049 20088 44749 68997 41129 60050 65383 61332
45305 85946 68643 85756 50633 47476 14990 49131 57927 13940
77433 78078 75011 85705 51917 25202 14364 73335 19743 61521
35918 09385 73948 80552 57051 30035 62721 17052 71421 47502
42809 13112 72918 00083 13559 30153 10360 16381 92020 36679
83879 59412 07103 44843 68398 12917 75626 22264 65190 32556
28375 53585 05797 61534 25233 84476 96725 97717 87334 54655
65791 78320 44145 39350 30996 10139 74942 59868 61702 87210
42817 94781 10367 38610 48055 38216 81919 85937 06908 20346
47690 66675 22396 88116
000 000

12162/11566/10711 kHz, 31-03, 1700/1720/1740 UTC

546 546 546 1 (R) 7073 88 7073 88
09686 14165 02407 87064 91033 60463 05653 25392 07350 50582
74816 25135 58418 29514 50534 03410 26206 14307 79935 76709
63723 75546 23363 79490 04780 94799 41382 54557 37937 96293
74202 17392 10073 23886 08357 60803 85897 14299 00318 64737
52366 49043 44633 47589 03664 42358 27280 20071 58168 74987
07028 12537 57709 35232 52930 54763 94401 44063 66719 66441
80586 29066 06712 87809 88757 78988 46872 77361 86456 60733
87275 72092 52003 35197 92573 92628 51232 41342 41509 97300
64635 71720 29241 41526 36998 40775 32423 91575
000 000



M14

4826 kHz, 15-03, 1600 UTC

361 528 158
93901 49727 78747 84562 63246 22330 27577 98408 11270 71058
17582 86493 79113 89680 03300 05276 82799 60847 73430 31336
28960 27182 48315 36488 75446 71966 64537 56271 36620 31590
88361 13792 27830 25502 54647 04027 34427 60468 76263 16703
09109 35111 30763 02710 22144 08163 51910 77993 02270 05023
92738 81557 38772 92915 63444 39792 43038 27030 48766 91470
53993 25469 55683 99569 60562 48300 26854 01454 96430 47477
98971 69895 06735 83174 58946 36698 55530 90491 06609 20212
78239 54403 06775 18148 99441 04571 23722 44352 16337 00474
45817 11197 70635 21968 03267 18098 67365 22260 43596 82762
39470 09459 50295 59340 14532 70331 12524 15735 49249 76233
73185 10721 86206 36073 21201 19881 02893 46649 40750 25784
69764 03604 84634 19620 42991 89721 14080 45099 37117 19370
34071 79361 24872 16102 26761 05623 84101 18176 78599 19627
39265 38162 52300 44923 73444 01701 87756 24591 53650 02336
46785 91293 85115 94015 42139 96676 22497 09600
528 158 00000

5560 kHz, 28-03, 0900 UTC, fading

171 230 65
12345 43435 67674 83838 98765 26362 15465 12321 88855 04275
90123 27446 72311 45454 87456 12345 54321 65432 16161 23456
34344 65771 90901 89765 62312 13141 15121 09100 76500 09876
67891 33001 66699 09223 12345 01020 13456 77881 33031 56561
13690 12091 56342 7nn6n n4n56 n3874 19634 80989 56890 34087
23985 34567 n2221 35454 37456 00352 12323 55555 07706 46444
76543 45665 77721 03264 78967
230 65 00000



M21 + variants
Russian Air Defence Forces
Во́йска ПВО Во́йска ПВО

6828 kHz, 02-03, 0620 UTC =990923??8????? =990924??8????? =990925??8?????
 3314 kHz, 03-03, 1939 UTC =992239??0????? =992240??0????? =992241??0????? =992242??0????? =992243??0?????
 6827 kHz, 06-03, 1408 UTC =991708??8????? =26330914169208 =26330701050503 =10775914169108
 3314 kHz, 08-03, 1748 UTC =992049??0?????
 4391 kHz, 10-03, 1826 UTC =992227??0????? =992228??0????? =992229??0????? =992230??0?????
 4192 kHz, 13-03, 2146 UTC =99TT46??8????? =99TT47??8????? =99TT48??8?????
 6425.5 kHz, 14-06, 0604 UTC =990906??0????? =990907??0????? =990908??0????? =990909??0?????
 3279 kHz, 23-03, 1732 UTC =992031??0?????



M41
Russian Air Defence Forces
Во́йска ПВО Во́йска ПВО

6014.5 kHz, 24-03, 0902 UTC PWZW =1565832343246 =1565832145648 =1656832145950
 5135.5 kHz, 24-03, 1631 UTC I42J = 722 194 9752 795 36 49 2 654 3 330 2230
 RPT 722 194 9752 795 36 49 2 654 3 330 2230 =
 722 194 9753 798 34 23 3287 1030 2231
 RPT = 721949753 798 34 232387 ...



M76

André found M76 after a long silence. Great catch, André and thanks for the logs.

M76 was first heard on 11 December 1998. It had two transmissions, one at 0500 UTC and one at 1750 UTC on 3819 kHz wintertime and 3280 kHz summertime. Most of the format description from 1998 is still valid.

Format:

- 4 chr callsign DE 4 chr callsign (3x) then QTC nnn (serial nr) nn (group count) = 5FGs
- Use of accented letters
- Messages always start with 26310. Messages consist of 5-figure groups but also 5-letters are used (D, R, W, X).
- The last group of the first message is always NNNNN
- There are always more messages. They start with nnn nn = followed by 5FGs. Mostly repeats of old messages
- The last group usually contains some letter X.
- The first group is always 40545 and the second starts with 79.
- The last 3 figures of the message are always 437. Where the last group is 7XXXX, then the previous group will end with a 43.
- The whole sequence is sent twice.
- Transmissions are usually 40-50 mins long.

The station was reported till late 2002, then re-appeared in 2006 and was first heard again in March 2010. It seems to be a cycle, maybe a propagation thing. In the past years it was heard till 16-4-2010, then between 6-1-2011 and 18-3-2011, between 9-3 and 20-3-2012 and no reports after that.

Sample message 1:

IKX1 DE WTDP QTC 66 17 = (17 5FGs)
3607X RRRRR 201XX NNNNN =
330 20 = 20 5FGs. Last group 7XXXX =
263 10 = 10 5FGs. Last group 437XX =
328 25 = 25 5FGs. Last group 437XX =
327 9 = 9 5FGs. Last group 37XXX =
314 21 = 21 5FGs. Last group 37XXX AR

Sample message 2:

SLAK DE CXBL QTC 68 28 = 28 5FGs
RRRRR 206XX WWWWW 74153 77425 42742 562XX NNNNN
=
Then repeated same messages as the day before.

3280 kHz, 08-03, 1755 UTC

SPÛR de 1ÂDE QTC 177 34 =
26310 14964 90080 14230 16411 83295 08664 61831 78602 01120
93582 96152 38663 91580 45602 15836 21726 14089 17162 00893
63615 089XX RRRRR 208XX WWWWW 74251 97385 00737 56977
05075 07915 49991 6913X NNNNN =
175 22 =
40545 79715 05938 33694 50923 69940 33694 60924 33282 83056
80332 02791 90194 11999 31355 15398 91999 39355 28211 36579
32251 437xx =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 09-03, 1747 UTC

KAC8 de 5UKL QTC 181 29 =
26310 15074 90080 30164 42171 18640 18317 86020 11209 13515
13856 49158 36217 26471 71648 46461 3089X RRRRR 202XX WWWWW
73155 17345 40735 55577 05075 96915 50691 6914X NNNNN =
179 22 =
40545 79735 05939 33694 60923 69941 33694 60924 33282 91056
80330 42791 90194 11999 31355 15398 91999 39355 28211 36579
32251 437XX =
000 24 =
13094 11991 99946 93419 99489 36199 95393 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
05199 95919 99601 99966
AR)

3280 kHz, 10-03, 1750 UTC

ÂFEU DE FHOY QTC 183 30 =
26310 15084 90080 14240 96411 83178 60325 81990 30385 64905
36021 58362 17261 01716 17089 36361 5089X RRRRR 207XX WWWWW
72455 57265 69728 544XX 77059 75029 15503 91691 3XXXX NNNNN =
179 22 =
40545 79735 05939 33694 60923 69941 33694 60924 33282 91056
80330 42791 90194 11999 31355 15398 91999 39355 28211 36579
32251 437XX =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 11-03, 1750 UTC

IRFW DE UCWP QTC 185 31 =
26310 15094 90080 25631 72551 42641 18317 86010 11209 27618
85835 49158 34136 21726 41171 64608 93636 15089 RRRRR 207XX
WWWWW 72651 57275 26726 529XX 77050 75109 15505 91691 3XXXX
NNNNN =
179 22 =
40545 79735 05939 33694 60923 69941 33694 60924 33282 91056
80330 42791 90194 11999 31355 15398 91999 39355 28211 36579
32251 437XX =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 12-03, 1749 UTC

HMMT DE CQ11 QTC 189 29 =
26310 15104 90080 30030 16441 25649 17860 12556 03209 27603
03856 50045 60136 21726 08171 61736 3615X RRRRR 207XX WWWWW
71851 17235 01743 55177 05075 17915 50691 6914X NNNNN =
192 39 =
40545 79805 05942 93394 60926 61901 95135 51549 42199 93735
52189 01951 35515 49471 99934 21890 19491 99935 35515 49471
99934 35521 89019 49199 93535 51549 42199 93735 51875 05939
13994 38650 63369 94621 89479 33946 09216 10641 85437 =
191 39 =
40545 79795 05942 93394 60926 61901 95119 99353 55154 94035
52189 01951 19993 53551 54951 19993 53552 18901 95035 51549
51549 37199 93535 51875 05938 13994 18650 63369 94621 89479
33946 09216 10641 85437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31355 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
187 43 =
40545 79765 05941 33694 60926 61901 93119 99603 55154 94119
99703 55901 93015 49461 99939 90098 57021 54946 19993 93559
00983 70215 49401 99950 35590 09891 99970 15494 01999 50355
18750 59371 99970 13994 11999 40865 06336 99462 18947 33694
60920 64185 437XX =
186 47 =
40545 79755 05941 33694 60926 61901 93319 99383 55154 93119
99703 55961 93119 99603 55154 94119 99703 55900 98919 99703
55154 90019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37199 97013 99411 99940 86506
33699 46218 94733 69460 92064 18543 7XXXX =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 13-03, 1750 UTC

ÛL62 de OYSR QTC 195 33 =
26310 15114 90080 30113 83006 49183 12565 01831 78603 01120
92102 95030 30364 61581 86029 36217 26400 89172 64308 93636
14089 RRRRR 206XX WWWWW 72252 67325 08741 71277 05075
15915 50591 3XXXX NNNNN =
192 39 =
40545 79805 05942 93394 60926 61901 95135 51549 42199 93735
52189 01951 35515 49471 99934 21890 29491 99935 35515 49471
99934 35521 89019 49199 93535 51549 42199 93735 51875 05939
13994 38650 63369 94621 89479 33946 09216 10641 85437 =
191 39 =
40545 79795 05942 93394 60926 61901 95119 99353 55154 94035
52189 01951 19993 53551 54951 19993 53552 18901 95035 51549
51549 37199 93535 51875 05938 13994 18650 63369 94621 89479
33946 09216 10641 85438 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31355 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
187 43 =
40545 79765 05941 33694 60926 61901 93119 99603 55154 94119
99703 55901 93015 49461 99939 90098 57021 54946 19993 93559
00983 70215 49401 99050 35590 09891 99970 15494 01999 50355
18750 59371 99980 13994 11999 40865 06336 99462 18947 33694
60920 64185 437XX =
186 47 =
40545 79755 05941 33694 60926 61901 93319 99383 55154 93119
99703 55961 93119 99603 55154 94119 99703 55900 98919 99703
55154 94019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37199 97013 99411 99940 86506
33699 46218 94733 69460 92064 18543 7XXXX =
000 24 =
13094 11991 99946 93419 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 14-03, 1750 UTC

VGLV de Y7Û8 QTC 198 32 =
26310 15124 90080 39062 24110 98517 24421 76181 83178 60591
96030 11209 25838 56501 18362 17248 41716 14363 61209 9XXXX
RRRRRR 202XX WWWWW 75053 27185 26746 52177 05075 15915
50301 5XXXX NNNNN =
197 18 =
40545 79815 05946 09166 19019 42199 94135 51539 89199 033893
83352 10644 93125 11611 85199 29521 85456 31437 =
192 39 =
40545 79805 05942 93394 60926 61901 95235 51549 42199 93735
52189 01951 35515 49371 99934 21898 19491 99935 35515 49471
99934 35521 89019 49199 93535 51540 42199 93735 51875 05939
13994 38650 63369 94621 89479 33946 09216 10641 85437 =
191 39 =
40545 79795 05942 93394 50926 61901 95119 99353 55154 94035
52189 01951 09993 53551 54951 19993 53852 28901 9503815549
51549 37199 93535 51875 05939 13994 18650 63369 94621 89479
33946 09216 20641 85437 =
189 20 =
40545 79775 05942 94394 60927 91901 94119 91999 31355 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =

187 43 =
40545 79765 05941 33694 60926 61901 93119 99603 54154 94119
99703 55901 93015 49461 99939 90098 57021 54946 19993 93559
00983 70215 49401 99950 35590 09891 99970 15495 01999 50355
18750 59371 99970 13904 11999 40865 06536 99462 19947 33694
60920 64185 437XXX =

186 47 =
40545 79755 05941 33694 60926 61901 93319 99383 55154 93119
99703 55961 93118 99603 55154 94119 99703 65900 98919 98703
55154 94019 99503 55900 98315 69401 99950 35590 09801 99960
45515 49311 99970 35518 75059 37199 97013 99411 99940 86506
32699 46218 94733 69460 92064 18543 7XXXX =

000 24 =
13904 11991 99946 93419 99489 36499 95193 81999 59931 19996
89301 99968 93619 99699 36199 97093 21999 70933 19993 51999
45199 95919 99601 99966

AR

3280 kHz, 15-03, 1750 UTC

45RF DE Y1CU QTC 201 29 =
26310 15134 90080 30030 16441 83178 60201 12092 76385 65015
83415 62172 48317 16140 89363 61208 9XXXX RRRRR 202XX WWWWWW
74150 17465 15741 52277 05075 17915 50691 6913X NNNNN =

200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =

197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =

192 39 =
40545 79805 05942 93394 60926 61901 95135 51549 42199 93735
52189 01951 35515 49471 99934 21890 19491 99935 35515 49471
99934 35521 89019 49199 93535 51549 42199 93735 51875 05939
13994 38650 63369 94621 89479 33946 09216 10641 85437 =

191 39 =
40545 79795 05942 93394 60926 61901 95119 99353 55154 94035
52189 01951 19993 53551 54951 19993 53552 18901 95035 52549
51549 37199 93535 51875 05938 13994 18650 63369 94621 89479
33946 09216 10641 85437 =

189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =

187 43 =
40545 79765 05941 33694 60926 61901 93119 99603 55154 94119
99702 55901 93015 49461 99939 90098 57021 54946 19993 93559
00983 70215 49401 99950 35590 09891 99970 15494 01999 50355
18750 59371 99970 13994 11999 40865 06336 99462 18957 33694
60920 64185 437XX =

186 47 =
40545 79755 05941 33694 60926 61901 93319 99383 65154 93119
99703 55961 93119 99603 55154 94119 99703 55900 98919 99703
55154 94019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37199 97013 9941199940 86516
33699 46218 94733 69460 92064 18543 7XXXX =

000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999

45199 95919 99601 99966

AR

3280 kHz, 16-03, 1750 UTC

2W2S DE R9EW QTC 203 32 =

26310 15144 90080 30034 81184 08644 18317 86001 12092 76267
38564 91683 62172 43180 00891 71644 38936 36120 89XXX RRRRR
207XX WWWWW 71751 17635 11716 511XX 77050 75269 15497 91601
5XXXX NNNNN =

200 50 =

40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =

197 18 =

40545 79815 05946 99266 19019 41199 94135 51539 89199 93893

93552 18644 93125 11611 85199 20521 85456 31437 =

192 39 =

40545 79805 05942 93394 60926 61901 95135 51549 42199 93735
52189 01951 35515 49471 99934 21890 19491 99935 35515 49471
99934 35521 89019 49199 93535 51549 42199 93735 51875 05939
13994 38650 63369 94621 89479 33946 09216 10641 85437 =

191 39 =

40545 79795 05942 93394 60926 61901 95119 99353 55154 94035
52189 01951 19993 53551 54951 19993 53552 18901 95035 52549
51549 37199 93535 51875 05938 13994 18650 63369 94621 89479
33946 09216 10641 85437 =

189 20 =

40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =

187 43 =

40545 79765 05941 33694 60926 61901 93119 99603 55154 94119
99702 55901 93015 49461 99939 90098 57021 54946 19993 93559
00983 70215 49401 99950 35590 09891 99970 15494 01999 50355
18750 59371 99970 13994 11999 40865 06336 99462 18957 33694
60920 64185 437XX =

186 47 =

40545 79755 05941 33694 60926 61901 93319 99383 65154 93119
99703 55961 93119 99603 55154 94119 99703 55900 98919 99703
55154 94019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37199 97013 9941199940 86516
33699 46218 94733 69460 92064 18543 7XXXX =

000 24 =

13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966

AR

3280 kHz, 17-03, 1750 UTC

GNBC DE 8ÛFT QTC 209 27 =

26310 15154 90080 40864 41831 78600 01120 92583 05649 15835
93621 73484 17164 63636 12089 RRRRR 206XX WWWWW 74651
57215 15722 52977 05075 21915 50491 6914X NNNNN =

200 50 =

40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =

197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 19-03, 1750 UTC

NÂGO DE 3EM2 QTC 211 29 =
26310 15164 90080 41540 86461 83170 60101 12091 99255 06338
56491 59362 17264 11716 49089 36361 3089X RRRRR 202XX WWWWW
74251 97415 15743 51977 05075 07915 49891 6914X NNNNN =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 20-03, 1750 UTC

MH49 de SKLF QTC 217 31 =
26310 15184 90080 51540 86403 56641 18317 86000 11209 19931
91313 85649 15934 13621 72639 17164 93636 22089 RRRRR 202XX
WWWWWW 74850 47455 58845 585XX 77051 75149 15499 51600 5XXXX
NNNNN =
214 41 =
40545 79885 05949 33694 60926 61901 93119 99603 55154 94119
99703 55901 15494 61999 39355 90198 51549 46199 93936 59009
83154 94019 99503 55900 98919 99703 55154 90419 99503 55187
50593 71399 43199 97586 50633 89953 21895 43369 46092 18543
7XXXX =
213 45 =
40545 79875 05949 33694 60926 61901 93319 99383 55165 93119
99343 55901 93119 99333 55154 94119 99343 55900 98919 99343
55154 94019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37139 94319 99858 65063 36995
32189 54336 94609 21854 37XXX =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =

40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 21-03, 0500 UTC

Â79G de MOY3 QTC 218 32 =
26310 05194 90080 31840 86411 95178 59901 12092 58313 13538
56491 58559 36217 16491 72641 36361 3039X RRRRR 206XX WWWWWW
74332 27555 01846 555XX DDDDDD 075XX 77050 75129 15500 91691
5XXXX NNNNN =
214 41 =
40545 79885 05949 33694 60926 61901 93119 99603 55154 94119
99703 55901 15494 61999 39355 90198 51549 46199 93936 59009
83154 94019 99503 55900 98919 99703 55154 90419 99503 55187
50593 71399 43199 97586 50633 89953 21895 43369 46092 18543
7XXXX =
213 45 =
40545 79875 05949 33694 60926 61901 93319 99383 55165 93119
99343 55901 93119 99333 55154 94119 99343 55900 98919 99343
55154 94019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37139 94319 99858 65063 36995
32189 54336 94609 21854 37XXX =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 21-03, 1750 UTC

6CY3 DE KDRS QTC 219 38 =
26310 15194 90080 25611 86411 83255 34840 96441 83178 59901
12556 01011 20925 81592 18138 21615 13856 46158 04560 21583
62172 60608 91716 50089 36361 3089X RRRRR 207XX WWWWWW 74354
07425 62743 56977 05075 09915 50591 6914X NNNNN =
214 41 =
40545 79885 05949 33694 60926 61901 93119 99603 55154 94119
99703 55901 15494 61999 39355 90198 51549 46199 93936 59009
83154 94019 99503 55900 98919 99703 55154 90419 99503 55187
50593 71399 43199 97586 50633 89953 21895 43369 46092 18543
7XXXX =
213 45 =

40545 79875 05949 33694 60926 61901 93319 99383 55165 93119
99343 55901 93119 99333 55154 94119 99343 55900 98919 99343
55154 94019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37139 94319 99858 65063 36995
32189 54336 94609 21854 37XXX =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 22-03, 1750 UTC

DQVD de Å32C QTC 221 32 =
26310 15204 90083 25611 86443 55142 40964 61831 78601 01120
92760 30385 64905 36021 58362 17261 01716 49089 36361 4089X
RRRRR 207XX WWWW 74952 17405 47741 58777 05074 92915 50191
4XXXX NNNNN =
214 41 =
40545 79885 05949 33694 60926 61901 93119 99603 55154 94119
99703 55901 15494 61999 39355 90198 51549 46199 93936 59009
83154 94019 99503 55900 98919 99703 55154 90419 99503 55187
50593 71399 43199 97586 50633 89953 21895 43369 46092 18543
7XXXX =
213 45 =
40545 79875 05949 33694 60926 61901 93319 99383 55165 93119
99343 55901 93119 99333 55154 94119 99343 55900 98919 99343
55154 94019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37139 94319 99858 65063 36995
32189 54336 94609 21854 37XXX =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528
93571 0437X =
000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 23-03, 1750 UTC

EY9A EY9A EY9A DE I4BO I4BO QTC 223 34 =
26310 15214 90080 40925 53483 02644 18317 86000 11209 13529
50300 64385 25664 02556 49158 36217 26061 71646 36361 3089X
RRRRR 25624 72552 02XXX WWWWW 73255 17375 69739 55577 05074
91915 49991 694XX NNNNN =
214 41 =
40545 79885 05949 33694 60926 61901 93119 99603 55154 94119
99703 55901 15494 61999 39355 90198 51549 46199 93936 59009
83154 94019 99503 55900 98919 99703 55154 90419 99503 55187
50593 71399 43199 97586 50633 89953 21895 43369 46092 18543
7XXXX =
213 45 =
40545 79875 05949 33694 60926 61901 93319 99383 55165 93119
99343 55901 93119 99333 55154 94119 99343 55900 98919 99343
55154 94019 99503 55900 98315 49401 99950 35590 09801 99960
35515 49311 99970 35518 75059 37139 94319 99858 65063 36995
32189 54336 94609 21854 37XXX =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528
93571 0437X =
000 24 =
13094 11991 99946 94119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 24-03, 1750 UTC

A7PQ A7PQ A7PQ DE 22G6 22G6 QTC 227 32 =
26310 15224 90080 30030 26442 43509 19317 86010 11209 25816
73856 49043 60015 83621 72640 17164 60893 63612 089XX RRRRR
207XX WWWWW 74450 17415 40738 553XX 77050 74879 15501 91691
3XXXX NNNNN =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 25-03, 1750 UTC

L1H4 L1H4 L1H4 DE ÜB59 ÜB59 QTC 230 28 =
26310 15234 90080 30164 11831 78601 01120 92763 85649 15835
93621 72639 17161 00893 63613 089XX RRRRR 206XX WWWWW 72351
17119 35738 562XX 77050 75109 15506 913XX NNNNN =
229 27 =
40545 79369 31505 95533 69460 92661 90095 31999 30153 97921
88449 80930 93034 71875 05936 19996 01399 39199 96986 50633
69959 21896 03369 36092 16106 41854 37XXXX =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
000 24 =
13094 11991 9994694119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 27-03, 1650 UTC, poor copy

2K8F 2K8F 2K8F de M6EK M6EK M6EK QTC 239 27 =
2 .10 15254 90080 11825 64156 41183 1.860 10112 09119 38574
93133 62172 64 .17 164 . . 6 .613 089XX RRRRR . . . 6 . WWWWW 74750
87165 19719 49977 05075 14416 615XX NNNNN
.38 39 = 4954 . . .
Other section headers from first sending;
064 50 =
232 43 = 40547 79369 32505 95633
229 27 =
40545 79369 31505 95533 69460 92661 90095 31999 30153 97921
88449 80930 93034 71875 05936 19996 01399 39199 96986 50633
69959 21896 03369 36092 16106 41854 37XXXX =
200 50 =
40545 79825 05945 33694 60922 35282 91053 20426 59901 97419
99323 55154 96419 99373 55901 97235 51569 45355 90094 23551
54987 35589 99893 55154 93219 99313 55218 90197 41999 32355
15496 41999 37355 90197 41999 32355 15498 48999 89154 94889
99891 54932 19993 13551 87505 94933 61399 60336 94609 2437X =
197 18 =
40545 79815 05946 99266 19019 41199 94135 51539 89199 93893
93552 18644 93125 11611 85199 20521 85456 31437 =
189 20 =
40545 79775 05942 93394 60927 91901 94119 91999 31935 15398
91999 39355 56873 91780 29838 69117 86076 97528 93571 0437X =
000 24 =
13094 11991 99946 94119 99489 36199 95193 81999 59931 19996
89301 99968 93619 99699 37199 97093 21999 70933 19993 51999
45199 95919 99601 99966
AR

3280 kHz, 29-03, 0440 UTC

TENG TENG TENG de 26VA 26VA QTC 243 29 =
26310 05274 92080 41564 11831 78599 02120 92763 85649 36217
16211 72641 36361 4089X RRRRR 202XX WWWWW 74651 17465 44746
55577 05075 12915 50691 6015x DDDDD 23764 0089X NNNNN =
241 50 =
04545 79369 37505 95833 69460 92043 16666 19019 42355 94319
99347 10153 98335 59331 99710 90194 29531 99936 71015 39823
55951 19993 17109 01942 35594 77101 53932 35594 31999 33720
90194 23559 36199 93971 01539 82355 98519 99397 10369 93191
15059 39199 96013 99451 99960 86506 30484 82183 53243 7XXXX =
238 39 =
40545 79369 36505 95609 26619 01951 35515 49421 99937 35590
19513 55154 94719 99343 55901 94819 99353 55154 94719 99343
55901 94919 99353 55154 94219 99373 55187 50593 61999 80139
94186 50633 69961 33621 89310 11946 09216 10641 85437 =
235 43 =
40545 79369 35505 95633 69460 92661 90193 01999 30154 93199
99803 55900 98719 99303 55154 94029 99603 55900 98419 99383
55958 94019 99603 55900 98219 99303 55154 93019 99803 55187
50593 81999 80139 93119 99608 65063 36996 02189 61336 94609
21610 64185 437XX =
064 50 =
40545 79369 34305 95633 69460 92661 90193 12999 60355 15495
11999 70355 90193 01999 30154 94619 99393 55900 58519 99305
55154 94619 99393 55900 98419 99303 55958 94019 99503 55900
98919 99703 55154 94019 99503 55187 50593 61999 30139 94019
99308 65063 36996 02189 61336 94609 21610 64482 18353 2437X =
233 50 =
40547 79369 33505 95633 69460 92661 90193 31999 38355 15493...
232 43 =
40547 79369 32505... etc
229 27 =
40545 79369 31505... etc.
200 50 =
40545 79825 05945... etc
197 18 =
40545 79815 05946... etc.
189 20 =
40545 79775 05942....etc
000 24 =
13094 11991 99946....etc

3280 kHz, 30-03, 1650 UTC, poor copy

Q400 Q400 Q400 de DV6L DV6L QTC 248 41 =
26310 05284 92080 15640 86402 55409 64018 31785 99011 2.919....



M89 - Chinese military

3563 kHz, 05-03, 1416 UTC, i.p.

DNT6 T4DA 673D D4AN AUNT
AR QSL 2237 = = =
AU3U 4D6A NT75 AU6N ND6U (Cont'd)
AR QSL 2245 = = =
7D44 DN7U 457A 646U (Cont'd)

3894 kHz, 06-03, 1558 UTC, i.p.

DE DP91 CL K
DP7391 QSA 4 NIL
SK GB
DP7691 QSA 2 NIL
VVV DP7491 DE DP7591 DP7791 DP7.91 DE DP91 CL K
VVV DP7391 DE DP7491 DE D7591 DE DP7691 DE DNMS791 DE
DP91 CL K
DP7 E DP7791 QSA 2 NIL
SK GB
DP7491 QSA 4 NIL
SK GB
DPM591 QSA 2 NIL SK GB
DPDO91 QSA 4 NIL
SK GB

5555 kHz, 07-03, 1455 UTC

/GZ4. AR
FF 0./EX 13.. /GZ4 U7 AR
FFF NR ... /EX 0 =
P.W3/. AR QSY 15 ... QSY 15.. VV
VVV FF NR 4. 1/EX ..2 Q1. AR
FF NR 48.1/EX 1.. C1T/.. AR
FF NR 4../EX 1.620 C T.. AR
1 QSY TO 9 VVV
VVV F F NR 2..2/EX ..GD55/WK= AR
FNR 2..1/EX 6.M = GD55/W.BN AR
F NR 24.1/EX 67.1 = GD55/WKBN AR QS. 8WA QSY 2.8
VVV VVV NR 1... 628. = MT. ... FN. AR
NR 1/EX 62.7 = . AR
NR 18724/EX NU C QSY 6288 QSY 6288 AR
FF NR 02... .. 579 = .45/NA8Q AR
FF NR 12. 5679 = AR
..../EX .79 =87 AR
0.8/EX
F NR 3008/EX (Cont'd)

3894 kHz, 09-03, 1559 UTC

DP7391 QSA 4 NIL SK GB
DP7491 QSA 2 NIL SK GB
DP7691 QSA 2 NIL SK GB
DP7591 QSA 2 NIL SK GB
DP7991 QSA 2 NIL SK GB
DP7091QSA 3 NIL SK GB
DP7691 QSA 4 NIL SK GB
DP7591 QSA 2 NIL SK GB

7777 kHz, 07-03, 1237 UTC, i.p.

GA
FF NR 0055/EX 2100 RMKS 9367 TO 5023 =
G7C/ K6N AR
VVV I8Z7 DE PXB9
DE ZALT HR F O A
FF NR 0055/EX 2100 RMKS 9367 TO 5023 =
G7C/K6N AR
BOZ U SE U PSSB WK
05 0
AU34567DNT 12234567890 ABCDYGAGA
QSA
VVV I8Z7 DE PXB9 DE 7ALT QSA 2 HR ? GA
FF NR 0055/EX 2100 RMKS 9367 TO 5023 =
G7C/K6N AR
BOZ U SEUPS B WK
U34565T74NT74NA567D46DAU45DUTAN36NA47UT
DAT5DTU34UN4A567D7NT46A4767NU563DDN4TAU535DT (Cont'd)
III AR

8888 kHz, 07-03, 1118 UTC, i.p.

/EX 0800 =
ABC2/CBA4 AR
F NR 01/EX 0800 =
ABC2/

4640 kHz, 08-03, 1935 UTC

3Z9 DE 7N4 QRU

6768 kHz, 10-03, 1228 UTC, i.p.

QSL 2028 QSA 2 AR
VVV CGX9 (x3) QSL 2029 QSA 2 AR
VVV CGX9 (x3) QSL 2030 QSA 2 AR
VVV CGX9 (x3) QSL 2032 QSA 2 AR
HR HR WK NR 911 K K
HR WK 911 K
SK

3210 kHz, 18-03, 1504 UTC, i.p.

6U7A 75T6 N5D7 64NT
AR QSL ? K
R I EEEEE R U MSG GA K
7CJK (Cont'd)
R QSL 2312 2312 K
R MSG GA
NR 76. CK 100 15 0318 224. RMKS 362.. TO 40 3620262 ..
AR QSL ? K
R OK K
R OK K

5126 kHz, 20-03, 1125 UTC, i.p.

A77N AU.6 A4N5 D77N 446T DTAT U3DN ...
AR K
N AGN K
R

5555 kHz, 11-03, 1228 UTC, i.p.

RMKS PSE CY HW
 55 MSG PSE CY HW III
 WW WW
 HR MSG PSE CY HW E
 G.P MP ..
 VVV V. R. G TR.. (Two stations sending at the same time)
 YR MSG TRY GA
 HR MSG PSE CY HW
 T.P
 YR MSG YR MSG TRY GA
 AMP UAP AMP SB SB SB SB
 NI.. HH SB SB SB AMP AMP ZNN QRU
 ZNN QRU S EEEEE AR KS WSI EEEEE
 W. FM ? D4 EEEEE
 MSG PSE N. PSE K OMPT O.. M ...
 7G NR .. SK SK SK SK SK SK SK SK
 BB.DB.. NSB NSB
 SK SK SK SK SK SK SK SK SK SK
 K 7G NR 7G EEEEE 7G SK SK SK
 MSG HR MSG PSE CY HW
 7G TRY GA
 SS
 VVV XXXK NR RHR R.
 R HR QSA 4 QSA K
 R HR QSA 3 QSA K
 KIEC IEC 4RW. SK SK SK
 SB SB SB SB
 MSG
 7G PSE CY 7G PSE CY
 PSE CY
 NR 1001 CK 2.. 41 0311 10840 RMKS 885 .. 83..
 KIEN4RW.K
 KI.F4R.. WK
 K5N.SG.S YHW K
 ... PSE CY HW K (Now another station is voice)
 R UPSB WK U .. SB WK
 UP SB UP SB K
 7G NR 28
 7G NR 286/CCK CK 499 67 0309 2040 RMKS 3731 TO 3391 K K
 5TA5 7D63 A373 4D46 NA6A A42D 4736 5D7U TUT4 TTAA (Cont'd)

4639 kHz, 20-03, 1822 UTC, i.p.

20612 88591 20526
 K QRU VA
 VV QTC QTC QTC
 VV F FF QTC QTC R
 NR 1 10. 0321 .30 3731 =
 TA9T9 ..44 39213 009..7 (Cont'd)
 K
 V FF VFF V RF QTC QTC
 NR 53 ..100 0321 0230 ..731 =
 TA... 3A4.. 4NUA (Cont'd)

5270 kHz, 22-03, 1717 UTC

00032 40049 6667 =
 AS
 NW NW NW 81 NW 81 NW NW 81 NW NW
 09387 60441 80947 00269
 NW NW 131 NW NW 131 =
 10114 88108 72252 46648 23087 (Cont'd)
 K ABV ABV AS AS
 AS AS AS AS

4638 kHz, 19-03, 1744 UTC (3Z9 DE 7N4), i.p.

Chirpy TX - Drifting off frequency
 F 978 978 978
 NR 2DD1 77 2TT T320 10100 21 2..
 57409 25241 84250 15561 11678 47120 4828. 15654 37514
 04689 18548 57007 59922 59806 85014 98582 40120 99994 84093
 39029 85403 62256 45182 44706 21136 15969 02092 01693 68205
 72705 83525 67129 43044 30643 66307 42031 56114 938005 1603
 26803 66084 05193 14975 21208 74588 96033 90009 46312 40075
 78045 41044 04750 9.370 58863 60652 02724 9.766 78375 57359
 56085 74892 52400 44289 87918 44332 68279 56292 54290 53014
 7047. 48420 72489 7..18 29340 73129 29107 23931 917.6 64954
 34096 48720 06238 43025 44067 76002 22159 8490 843848 10873
 60259 30012 26470 43157 92348 87983 .7.59 01302 73564 76672
 34298 99918 1915219439 56676 78887 74413 70381 88806 85922
 43855 87973 90009 14856 00644 31412 32007 19683 71319 39563
 4.970 67810 96076 91231 80972 85626 15389 53981 41793 42000
 15877 05814 83976 24118 66233 85128 73.29 57978 87.61 24049
 .0962 80258 71934 80599 17562 54343 40602 20888 86219 69245
 2..70 37376 58576 52383 68902 48606 25930 7.605 48047 07451
 23604 48419 .9787 24035 00284 70..6 441.0 20068 14536 84190
 04116 74906 548.3 78649 98L51 4308 40025 840.. 21293 55620
 76225 12.6. 40990 48857 9996. 82217 19110 20392 70233 04564
 7..83701 11329 85848 97584 .0104 63064 86516 42461 12248 K
 ABV
 NR 2DD1 77 200 0320 0100 2122 =
 D77U 574TN U5U3A D4.. (Cont'd)
 K
 BMG BMG NN
 MGB MG NR 2.D2 77 132 0320 0100 .122 =
 78523 T7A3. 86419 .1596 (Cont'd)
 ABV
 NR 2DD2 77 132 0320 0100 2122 =
 7D5U3 T7A3A (Cont'd)
 K BMG
 ... CMG
 VVV 3Z9 (x3) DE 7N4 (x2) F 970 970 970 (Cont'd)
 QTC QTC
 NR 377 212 0320 0300 2128 =
 61588 3.338 08779 63953 84674 1..07 98962 45593 (Cont'd)
 ABV
 NR NR 377 212 0320 0300 2128 =
 6A5DD 3D33D TD77N (Cont'd)

5270 kHz, 19-03, 2008 UTC

VVV D9K (x3) DE 7N4 (x2) F 870 (x3)
 QTC (x4)
 NR 254 220 0320 0346 0608 =
 38215 46659 10339 17322 14350 76969 48369 04368 69362 04825
 (Cont'd)

6632 kHz, 20-03, 0810 UTC, i.p.

DP7791 DP7591 QSA 2 U ?
 VV DP7.91 QSA 2 U ?
 DP7791 ... QSA 2 U ?
 NIL SK
 DE DP7591 QSA 2 U ?
 NIL SK GB
 DP7391 QSA 2 U ?
 NIL
 DE DP7491 QSA 2 U ?
 NIL SK GB
 DE DP7091 QSA 2 U ?
 NIL SK GB

4328 kHz, 22-03, 1501 UTC, i.p.

HR WK NR 37 K
R HR WK NR 37 K
N HR WK NR 14 K
R NIL SK
SK (1502z)
VV .PS4 DE IOTG K
R R
DFJV DE DSS3 R QSA 1 QSA ? K
R QSA 2 K
R
R HR WK 37 K
R HR WK NR 16 K
R NIL SK
NIL SK
..F DE IOTG K
R IN EEE
R DFH. DE HR5D R QSA 3 QSA ?
VV MFGF DE IOTG K
R DF5. DE .R5D R QSA 3 QSA ? K
R R DFJV DE
R DFJV DE HR5D R QSA 3 QSA ? K
R QSA 2 K
R
N HR WK NR 37 K
R HR WK NR 37 K
R WK NR 42 K
NIL SK
SK
VV 3BGD DE IOTG K
R DFJV DE 8SGV R QSA 2 QSA ? K
R QSA 2 K
R
R HR WK NR 37 K
HR WK NR 41 K
R NIL SK
R 91508z)
9FBD DE IOTG K
R DFJV DE 3GSK R QSA 2 QSA ? K
R QSA 4 K
R K
R HR WK NR 37 K
HR WK NR 44 K
R NIL SK
NIL SK
FD5B DE IOTG K
R ..JV DE VD8 . R QSA 1 QSA ? K
R DFJV DE VDZX R QSA 1 QSA ? K

3572 kHz, 24-03, 1410 UTC, i.p.

I RPT 34W TO 15W K
I RPT 81W K
I RPT 92W K
I RPT 2P 08W K
I RPT 78W K
I QSL 2220 K
I HR WK NR 07 K
I SK
I OEVY DE .NS5 QSA 2 QSA ? K
...Y DE. NS5 R QSA 2 QSA ? K

5123 kHz, 22-03, 1427 UTC

HR MSG GA
NR 6968 CK 35 30 0322 4 EEEEE
HR 7G GA
NR 6968 CK 35 30 0322 2225 RMKS CQ =
D3NU 6T34 6T4N 5D6U 57D6 74UN DU5A 7TA5 64TD DUA6
A34N 4T7U DA4. 45AD DT4U U5NT 673N 763T 6A37 NDU7
DUNA DTU3 57D4 3A5D 47A6 A45A 6T3U 54. 6T.. 5A6
UD65 534T D6A5 UDTN 5N63 AR
HR 7G GA
NR 6968 CK 35 30 0322 2225 RMKS CQ =
D3NU 6T34 (Cont'd repeat message)
AR
QSL 2233 QSL 2233
SK

5270 kHz, 22-03, 1842 UTC

VVV D9K DE 7N4 F 236136146
NR 8197 200 0323 0049 667 = =
3DT6N 4D4T3 47ANN 3A6T6 (Cont'd)
QRU QRU 4141 4141 VA VA
VVV F95 DE F7P QSA ? K
... QSA ...
VVV F95 DE F7P QSA ?
VVV F95 DE F7P QSA ?
F7P ... QSA .. K
FLP FLP QSA 2 ?
QSA 3 QSL NR 81
FLP FLP FLP OK ..
OK
FLP FLP QSA 2 OK K
QSL NR 3. AA ... 5
DEX 4115 415
OK QRU
QRU
VVV VVV VVV
FE7 QSA . QSA ? K
VVV F95 DE F7P QSM QSM
VVV F95 DE F7P QSM QSM QSM VA VA K

7952 kHz, 22-03, 0110 UTC

F NR 169/EX 0909 RMKS 2213 TO 2204 =
DNF2/DNA2 AR K
R QSL .. QSL 0910 K
F GA K
F GA K
R GA K
F NR .75/EX 0911 RMKS ... 2204 223. =
R QSL 0913 K
R MSG GA K
MSG NR 170 CK 99 96 0322 0913 RMKS 2213 TO 2204 =
D4A5 N65U 763U 5DNT UA74 UAD5 4UAT T67N (Cont' d)
AR K
R QSL 0920 K
R U MSG GA K
MSG NR ... CK 99 9.
NR 086 CK 8. 9. 0.22 09.. RMKS 2204 TO 2..
R GA K

3642//7602 kHz, 24-03, 1422 UTC, i.p.

4UDA NDA7 NA7D DAUT UT4N DDT6 ...
III BT TDU7 ANTU 5T54 645A (Cont'd)
? T36T 6T45 5NTN D76D (Cont'd)
III BT A7UN NAUD D4A6 3U6A (Cont'd)
QSL ? HR WK NR 310

4364 kHz, 25-03, 2038 UTC

IEC =
ZSHL AR K (2038z)
R HR NR 1619 229 4 K
HR F GA
NR 1267/EX 0430 RMKS CQ =
O4F/C5V AR (2040z)
NR 1267/EX 0430 RMKS CQ =
O4F/C5V AR
VV KX5J DE C34F K
R
R HR 7G GA
HR 7G GA
NR 1268 CK 61 97 0326 0430 RMKS CQ =
U54D TUN3 T5D3 UN6A DN37 UT7A 5743 7N.T T4A6 AT5U (Cont'd)
AR
VVV KX5J DE C3RF K
R
VVV NSR. DE C3RF K
R SK

6553 kHz, 25-03, 1310 UTC, i.p.

/X1L AR K
GA K (Other station not on this frequency)
R R QSL 2113 K
HR MSG GA K
R MSG
NR 01 FM NR 0388 CK 129 92 0325 2100 RMKS = 5679 TO 0173 ==
AUT6 6U7N NDD6 3ANU AN6T 5DTD T3TU TUUN TT43 (Cont'd)
AR
80 QSL ? K

4990 kHz, 29-03, 1037 UTC

AUN4 3UAN T6U7 3N4A D7U5
III III III = = =
T4A7 3DUU 4U35 NAUA NNU5 (Cont'd)
III III III
V YSHD DE TIMNS

4131//5177 kHz, 29-03, 1450 UTC

D65A TUU6 7U4N 4A65 4UNU DAN6
R QSL ? HR WK NR 0027 VVV
HR MSG GA
NR 061/CCKCK 199 10 0329 2255 RMK

4364 kHz, 30-03, 2032 UTC

V 7RTE DE C3RF K
R QSA 2 IEC = ZSSL AR K
R HR WK NR 16192299 K
R HR F GA
FFF NR 1605/EX 0435 RMKS CQ =
MZ0/C3U AR
NR 1605/EX 0435 RMKS CQ =
MZ0/C3U AR
NR 1605/EX 0435 RMKS CQ =
MZ0/C3U AR
V KX5J DE C3RF K
R KP
V 7RTE DE C3RF K
R HR MSG GA
NR 1606 CK 61 97 0331 0430 RMKS CQ =
A3TN 76UA 4U5D 4TNA D67T 6UN7 334T 3N5T 4NTN 3UN6
T3ND 6AN5 U43D 6DAN U45D 43UT 4D3A 75UN U7DN TA34
6543 A5DU 36DU TN7D 67ND T7N6 D7TU 47NA 3D5A 36TD
5NDT 4TD5 7AT6 TAD7 4UD3 7D6A .AN. 5UN3 A456 3ND5
DNN5 5N4A N64T NTU3 5N7U U573 36TN T4A3 AD57 3ATD
A7D5 U734 NA7T 654A TU67 T53A TD7N UT43 3674 N356
3756 AR
V KX5J DE C3RF K
R KP
V 7RTE DE C3RF K
R OK SK SK

10123 kHz, 30-03, 1051 UTC

= FM = 0 = 97797889 = = 0 = 0 = = =
K K K K K E E = AR AR FM AR FM AR FM AR FM AR
VV //// 4468EEEEEEEE EEEE T.3.EEEEE = // CK NNER EEEEE
//??????477777NN777 73?3V V VVV EI A 1S VVV X
VVVVV

8520 kHz, 29-03, 1023 UTC

7D45 A6T3 U6A3 54N7 TT7U NTA4
III =
46T7 3AU7 TN54 DA36 67TD (Cont'd)

6644 kHz, 31-03, 1126 UTC, i.p.

4TN7 6U3A N545 3N5T N6U5 4TN3 ...
AR AR K
R R HR 7G GA K
R 7G NR 4167 CK 35 45 0331 1940 RMKS 3456 TO 3225 K
R R = =
5T4A 7N5T NT45 4DU6 TU4A .T4U 5A7U 7T3A N743 3T7. (Cont'd)
AR AR K K
R R
R GB



M95

8073 kHz, 02-03, 1135 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSGS GA PSE CY
NR 0199 CK 25 35 0302 1542 =
TT3 N5U TT3 N53 (Cont'd)
AR
MSG AGN
NR 0199 CK 25 35 0302 1542 =
TT3 N5U TT3 N53 TAD N54 7TT TUA (Cont'd)
AR
A HR 7G GA
NR 0200 CK 163 35 0302 1546 =
TTU 3U6 3AN 3U7 TAU 773 356 35N (Cont'd)

4243//9054 kHz, 02-03, 1147 UTC

VV VV VV HR MSG OT YR PSE CY
NR 017 CK 19 35 0302 1520 =
5TD UTT TTU 3U6 3A4 35U 4AA (Cont'd)
AR MSG AGN
NR 017 CK 19 35 0302 1520 =
5TD UTT TTU 3U6 3A4 35U 4AA N3D 4TN U7U
N4A 445 3DA TTU TT3 773 446 3D3 4D3 AR
A HR MSG GA
NR 04 CK 095 35 0302 1634 =
UTU TTU 3U6 3A4 TTU N44 TT3 N44 TT5 773
N44 5AA 75U 35A (Cont'd)
AR
7G AGN
NR 04 CK 095 35 0302 1634 =
UTU TTU 3U6 3A4 TTU N44 TT3 N44 TT5 773 (Cont'd)
AR
A HR MSG GA
NR 026 CK 16 35 0302 1652 =
UT5 TTU 3U6 3A4 TTA TTU (Cont'd)
AR
NR 026 16 35 0302 1652 =
UT5 TTU 3U6 3A4 (Cont'd)
AR
A HR U SB WK

8073 kHz, 03-03, 0009 UTC, i.p.

V BNGC (x3) DE XSV85 (x2)

4243//9054 kHz, 03-03, 1147 UTC

VV A HR 7G TOYR PSE CY
NR 019 CK 18 35 0303 1520 =
5TD UTT TT3 3U6 3A4 356 36T 4TN U7U N4A
435 3DA TTU TT3 773 436 3D3 4D4 AR
A HR MSG GA
NR 06 CK 130 35 0303 1555 =
UTU TT3 3U6 3A4 TTU 773 357 4TN (Cont'd)
A HR MSG GA
NR 029 CK 1. 35 0303 1615
.6T 33U 63A 4TT (Cont'd)
A HR SB WK

4243//9054 kHz, 02-03, 2347 UTC

VV HR 7G TOT
HR 7G TOY R PSE CY
NR 027 CK 14 35 0303 0559 =
UT5 TT3 3U4 3A4 TTA TTU TT3 773 346 36U
4AD 446 4D3 DUT AR
7G AGN
NR 027 CK 14 35 0303 0559 =
UT5 TT3 3U4 3A4 TTA TTU TT3 773 356 36U 4AD
446 D43 DUT AR
A HR 7G GA
NR 018 CK 29 35 0303 0634 =
57U TTT T33 U47TA (Cont'd)
AR
A HR 7G GA
NR 05 CK 036 35 0303 073D =
UUT 3U4 3A4 TTU 773 35A U4T 353 (Cont'd)
AR AR

9054 kHz, 03-03, 2354 UTC, i.p.

TTU TT3 773 446 3D3 4D4 AR
A HR MSG GA
NR 07 CK 065 35 0304 0735 =
UTU TT4 3U4 3A4 TTU N44 TT3 N44 TT5 773 (Cont'd)

8073 kHz, 04-03, 0007 UTC, i.p.

= = TT4 3U4 3A4 TAU 773 353 (Cont'd)
AR AR AR AR AR

8073 kHz, 04-03, 1134 UTC

05 VVV
V BNGC (x3) DE XSV85 (x2)
HR MSG GA HR MSG GA
NR NR 0204 CK 120 35 0404 1522 =
TT4 4U6 3AN 3U7 TAU 773 TA7 773 457 364 4T4 NN3 (Cont'd)

9054 kHz, 04-03, 0001 UTC, i.p.

7G AGN
NR 07 CK 065 35 0304 0725 =
UTU TT4 3U5 (Cont'd)
AR
A HR U SB WK

8073 kHz, 06-03, 1135 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSG GA
NR 0208 CK 189 35 0306 0550 = =
TT6 3U6 3AN 3U7 TAU 773 353 35N (Cont'd)

8888 kHz, 06-03, 1124 UTC, i.p.

D65 DU VVV V 3N4U.. U4ADNN 3NE6 6N 5 5 EEEE
05 05 05
ND4 TT5 4DT 4D6 TUN N4 4 T.. 37 773

4243//9054 kHz, 04-03, 1145 UTC

VV HR 7G TOYR PSE CY
 NR 01 CK 30 35 0304 1513 =
 5TD UTT TT4 3U6 (Cont'd)
 AR
 A HR 7G GA
 NR 032 CK 25 35 0304 1546 =
 UT5 TT4 3U6 3A4 TTA TTU TT3 773 4U6 (Cont'd)
 AR
 A HR 7G GA
 NR 08 CK 156 35 0304 1615 =
 UTU TT4 3U6 3A4 TTU 773 357 336 (Cont'd)
 AR
 AHR U SB WK AR AR AR

4243//9054 kHz, 06-03, 1147 UTC

HR 7G TOYR PSE CY
 U7U N4A 444 3DA TTU TT3 773 435 3DU 4DA AR
 7G AGN
 NR 025 CK 20 035 0306 1502 =
 5TD UTT TT6 3U6 3A4 353 36T 4T7 N3D 4TA
 U7U N4A 444 3DA TTU TT3 773 435 3DU 4DA AR
 A HR 7G GA
 NR 12 CK 155 35 0306 1604 =
 .TU TT6 3U6 3A4 TTU 773 353 U4T 354 4TN (Cont'd)

9054 kHz, 06-03, 2354 UTC

VV VV HR MSG TOYR PSE CY
 NR 025 CK 35 35 0307 0625 =
 5TD UTT TT7 3U4 7TA N44 (Cont'd)
 AR
 7G AGN
 NR 025 CK 35 35 0307 0625 =
 5TD UTT TT7 3U4 7TA N44 (Cont'd)

8073 kHz, 07-03, 0009 UTC, i.p.

353 363 4T7 NN3 434 3DT TTA N34 TTA ND4
 AR
 7G AGN
 NR 0209 CK 115 35 0307 0711 =
 TT7 3U4 3A4 TAU 773 353 363 4T3 NN3 (Cont'd)

8073 kHz, 07-03, 1139 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSG GA PSE CY
 NR NR 0210 CK 274 35 0307 1631 ==
 TT7 3U6 3AN 3U7 TAU 773 353 363 (Cont'd)

8889 kHz, 07-03, 1210 UTC

== TA74 UD5U UD56
 == = TA74 UD5U UD56 35NU 47NT AR NIL SK GB (Cont'd)
 05 05 05 777777. 4.M 777764444476VV7777
 == = TA74 UD5U UD56 35NU 47NT AD75 UADT 6ATU TUT5 TTTU
 == = TA74 UD5U UD56 35NU 47NT AD75 UADT 6ATU TUT5 TTTU
 == = TA74 UD5U == ATA7 4TUE == =
 TA74 UD5U T EE 33765 == =
 TA74 UD5U ==
 7TA7 4 TA74 UDEEEEE UD56 45NU 47NT A7U A (Cont'd)
 05 = 7467 4T4D ADAT
 73N7 4T4D ADAU T364 44 (Cont'd)
 07777404444 47NI73N74T4DADAUT3D4AE I ER U34AA6A45
 (Cont'd) 0 0

9054 kHz, 07-03, 0001UTC

AR
 A HR MSG GA
 NR 039 CK .5 EEE
 NR 04 EEEEE
 NR 039 CK 31 35 0307 0644 =
 UT5 TT7 3U4 3A4 TTA TTU (Cont'd)
 AR
 MSG AGN
 NR 039 CK 31 35 0307 0644 =
 UT5 TT7 3U4 3A4 TTA TTU TT3 (Cont'd repeat message) AR
 A HR 7G GA
 NR 139 CK .09 35 0307 073. =
 UTU TT7 3U4 3A. TTA (Cont'd) AR
 A HR U PSE SB WK

4243//9054 kHz, 07-03, 1149 UTC

VVV HR 7G TOYR PSE CY
 NR 027 CK 28 35 0307 1506 =
 5TD UTT TT7 3U6 7TA (Cont'd)
 AR
 A HR 7G GA
 NR 14 CK 174 35 0307 1610 =
 UTU TT7 3U6 3A4 TTU 773 35A N3D (Cont'd)
 AR
 A HR 7G GA
 NR 004 CK 2035 0307 1619 =
 U. 7 TT7 3U6 3A4 TTT (Cont'd) AR
 A HR U PSE SB WK AR AR AR

5555 kHz, 07-03, 1537 UTC, i.p.

VVV WXYZ DE ABCD K K
 R RPT
 R R
 VVV WXYZ DE ABCD K K
 R QSA 3 QSA ? K
 QSA 3
 R R HR MSG GA CY SEW? K
 TIHI QRT SG GA
 OK MSG
 NR 0002 CK 99 24 0307 2325 RMKS 1234 TO 5678 CY HW ? K
 C QGD
 R R = =
 5U67 357A 4A6N 43NU TA3D A46A 4536 7A6A TT6N TTUD D3U6
 AU3N (Cont'd)
 AR K
 R CDHHCTTAGD
 OK 21W = = =
 647U 6454 5373 (Cont'd)
 C QDD HH CQ GD
 OK 41W = = 5A76 5UN4 DUA3 (Cont'd)
 K AR AR CY E HW ? K
 HR RPT PBL
 NR 0002 CK 99 24 0307 2325 RMKS 1234 TO 5678 CY HW ? K
 K R AS
 QSL 2EEEEEE 0 EEEE QSL 2355
 R R U MSG GA CY HW ?
 HR MSG GA
 R GA
 U MSG GA HW ? K
 R MSG
 NR 0002 CK 50 24 0307 2350 W

8073 kHz, 08-03, 1142 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSGS GA PSE CY
 NR 0213 CK 42 35 0308 1454 = =
 TT3 N5U TTD N53 TAD N54 7TT TTU 746 7T5
 7TA 4TA N7D N35 7T5 4TN NAN 74D 33U 336
 N3U 7A3 777 TAU 773 TA7 773 TAD 773 TAN
 773 TUT 773 7NN D3A N56 4TN 777 7AD N47
 3AN 7U5 AR
 MSG AGN
 NR 0213 CK 42 35 0308 1454 = =
 TT3 N5U TTD N53 TAD N54 7TT TTU 746 7T5 (Cont'd repeat
 message)
 AR AR
 A HR MSG GA
 NR 0214 CK 344 35 0308 1602 = =
 TTD 3U6 3AN 3U7 TAU 773 (Cont'd)

8889 kHz, 08-03, 1155 UTC, i.p.

05
 7G GA

4243//9054 kHz, 08-03, 1150 UTC

AR
 A HR MSG GA
 NR 16 CK 115 35 0308 1613 =
 UTU TTD 3U6 3A4 TTU N44 TT3 773 357 4TA (Cont'd)

6666 kHz, 09-03, 0057 UTC, i.p.

05 05
 73357A4..N 43NU TA3D A46A 4536 7A6A TTT6 N
 05 05 05 (Cont'd)
 NR NR 0002 CK 99 3I
 05 05 05 05 (Cont'd)
 XS5PA5552S337 EEE
 05 05 05 (Cont'd)
 VVV 05 05 05 (Cont'd)
 HR MSG GA PSE CY
 NR 0002 CK 99 24 0307 2325 RMKS 1234 TO 5678 =
 5U67 357A 4A46 4A6N 43N5 (Cont'd)
 III = =
 7DN4 T553 TD43 T53D 5NU3 (Cont'd)
 N37N TA57 U4U5 5N5U 577T (Cont'd)
 III
 X = = =
 577T 3D56 7D7N NUN3 A4NT 5NND UA3U (Cont'd)
 AR AR AR AR
 (Note: Identical message sent 5555 kHz, 07-03, 1537 UTC)

4283//7553 kHz, 09-03, 0919 UTC, i.p.

47T D43 D.5 N5A D73 (
 A HR MSG GA
 NR 206 CK 114 35 0309 1520
 66A UT3 TTN 3U6 3A4 TT4 773 354 (Cont'd)
 7G AGN
 NR 206 CK 114 35 0309 1520
 66A UT3 TTN 3U6 3A4 TT4 773 354 (Cont'd repeat message)
 A HR MSG GA
 NR 207 CK 190 35 0309 1520
 ..A UT3 TTN 3U. TT4 773 35. 353 (Cont'd)
 7G AGN
 NR 207 CK 190 35 0309 1520
 66A UT3 TTN 3U6 TT4 773 3AD 353 (Cont'd repeat message)

8073 kHz, 09-03, 1143 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSGS GA PSE CY
 NR 0217 CK 328 35 0309 1615 = =
 TTN 3U6 3AN 3U8 3U7 TAU 773 354 365 (Cont'd)
 AR
 A HR 7G GA
 NR 0218 CK 47 35 0309 1615 =
 TT3 N5U TTN N53 TAD N54 7TT TT4 746 7T5
 7TA 4TA N7D N35 7T5 4TN NAN 74D 336 N3U
 7A3 777 TAU 773 TA7 773 TAD 773 TAN 773
 TUT 773 TU3 773 TU4 773 TU5 773 7NN D3A
 N56 4TN 777 7AD N47 3AN 7U5
 7G AGN
 NR 0218 CK 47 35 0309 1615 =
 TT3 N5U TTN N53 TAD N54 7TT TT4 746 7T5 (Cont'd)
 AR

4243//9054 kHz, 09-03, 1147 UTC

445 3DA TTU TT3 773 447 (Cont'd)
 AR
 A HR 7G GA
 NR .8 CK 103 35 0309 1630 =
 UTU TTN 3U6 3A4 TTU N44 TT3 773 353 U45 354 (Cont'd)
 AR
 A HR 7G GA
 NR 047 CK 15 35 0309 1637 =
 UT5 TTN 3U6 3A4 TTA TTU TT3 773 35U U4T
 353 4UT 435 4D6 3DA AR AR

9054 kHz, 09-03, 2356 UTC, i.p.

773 353 N3D 35U 4TA
 VVV ?
 NR 19 CK 041 35 0310 0714 =
 UTU TAT 3U4 3A4 TTU N44 TT3 N44 TT5 773 T44 (Cont'd)
 AR
 A HR U PSE SB WK

8073 kHz, 10-03, 0006 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSGS GA PSE CY
 NR 0219 CK 124 35 0310 0714 = =
 TAT 3U4 3A4 TAU 773 TA7 773 354 373 4T3 (Cont'd)
 AR AR
 MSG MSG AGN
 NR 0219 CK 124 35 0310 0714 = =
 TAT 3U4 3A4 TAU 773 (Cont'd repeat message)
 AR
 A HR MSG GA
 NR 0220 35 35 0310 0717 = =
 TT3 N5U TAT N53 TT6 N54 7TT TT5 746 7T5
 77T DN3 7T7 TAU 773 TA7 773 TAD 773 TAN
 773 TUT 773 TU3 773 7AN 7NN D3A N56 4TN
 777 7AD N47 3A4 7U5 AR AR
 MSG AGN
 NR 0220 CK 35 35 0310 0717 = =
 TT3 N5U TAT N53 TT6 (Cont'd repeat message)
 AR AR

8073 kHz, 10-03, 1144 UTC, i.p.

4TU NN3 447 46D 3D5 ...
 N47 3AN 7A5 AR AR AR AR

7777 kHz, 09-03, 0948 UTC, i.p.

RPT RPT (Other station also on this frequency)
7G 7G NR 268 CK 50 35 0309 1745 K K
SGA GA
R = = = =
A7T3 37A4 66A5 T7DN5 6NAD 5643 UT53 D5TU (Cont'd) AR AR K K
RPT 48W
= D = = 3NDA 3NDA K K
RPT 49W
= = D = = D5N6 D5N6 K K
RPT = = = = D5N6 B D5N66
RPT RPT .. TO 020 K
= = N43A N43A K K
RPT 012W
= = 3A4N 3A4N (Cont'd repeating groups) AS SK
49 CK A HR VVV
NR 12/EX XXX B 355
AGN AGN
RPT 015 TO 020 K
R R = = 653D D7NA 5UA7 DNA4 3U7D N43A AR AR K (Cont'd
repeating groups)
QSL QSL 1800
R GA GA
R FM ? D4 FM ? D4 K
R R
MSG MSG NR 4571 CK 50 35 0409 1801 K K
GA GA = =
5N7T T5TN 34T6 (Cont'd) AR
QSA ? 18.04 1804 K K
RPT
QSL 1804 K K
R GA GA
FFFF NR 218/EX 1804 K K
GA GA = =
A5/Q6 AR = =
A5/Q6 AR K
QSL QSL 1805
R GA GA
A H
VV FF NR 35.2/EX 1806 =
M5/O3 = M5/O3 AR
QSL QSL 1807 K K
R R GA GA
QSO QSO K QSM 7G 7G K
GA GA
7G 7G NR 269 CK 50 35 0309 1808

7G NR 269 CK 50 35 0309 1807 K K
R GA
R =
ATU5 3N7A 6D34 ND6T U7NA AD5U 5T43 3U65 76DA 4D67
(Cont'd)
AR AR K K
RPT 001
= = = = ATU5 ATU5
QSL QSL 1812
R R GA GA
MSG MSG K
RS MSG MSG NR 3574
MSG NR 4573 CK 50 35 0309 1814 K
R GA = =
576D TUN6 UA64 5D76 U6TN 7D3A AUT7 D45N N46A (Cont'd)
AR
RPT 1W K
= 576D
R GA AGN
RPT RPT 1 K
RPT
RPT RPT 1 K
001 = = 576D
R QSL 1816 K K
R R FF K
GA GA
FF NR 219/EX 1817 K K
GA GA = =
A7/Q8 AR = =
A7/Q8 AR K
RPT RPT = =
A7/Q8 AR K K
R QSL QSL 1818
GA GA
V F
R
VV F NR 3574/1
VV FF NR 3574/EX 1819 =
B9/C3 =
B9/C3 =
B9/C3 AR
R QSL QSL 1820 K K
R R SK SK
F M7G 7G K K
SK SK SK

4243//9054, 10-03, 1146 UTC

VV HR 7G TOYR PSE CY
NR 033 CK 29 35 0310 1456 =
5TD UTT TAT 3U6 3A4 35U 4A5 336 N3D 4AA
U7U N4A 445 336 DA5 N34 444 3DA TTU TT3
773 446 3DU336 DA5 N34 435 3DU 4D3 AR
A HR 7G GA
NR 050 CK 15 35 0310 1513 =
UT5 TAT 3U6 3A4 TTA TTU TT3 773 35U DN.
353 4A4 435 4D6 3DU AR
A HR 7G GA
NR 20 CK 159 35 0310 1616 =
UT5 TAT 3U6 3A4 TTU 773 35A (Cont'd)
AR

9054 kHz, 10-03, 2157 UTC, i.p.

TT3 N44 TT5 773 45A U4T 353 4TA
AR A HR UP SB WK K

8073 kHz, 10-03, 0007 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSGS GA
NR 0223 CK 162 35 0311 0710 =
TAA .D. ..5

9054 kHz, 11-03, 2344 UTC

VV HR 7G PSE CY
NR .04 CK 17 35 0312 0.210 =
AT5 AAU 3U4 3A. TTA TTU TT. 773 (Cont'd)
AR
AGN
NR 036 CK 18 35 0312 00.40 =
TTD UTT TAU (Cont'd)
AR
A HR MSG GA
NR 23 CK 041 35 0312 0072 =
UTU TAU 3U4 3A5 TTU (Cont'd)
AR
AGN
NR 23 CK .. 35 0312 0720 =
UTU TAU 4U4 3A5 TTU (Cont'd)
AR AR AR

7788 kHz, 12-03, 1100 UTC, i.p.

CK 91 57 0312 1900 NMKS 0 EEEE
7G GA
NR 01 NR CKK CK 91 57 0312 1900 RMKS 6A5XTO MISN EEEEE
7G GA
NR 01/CCK CK 91 57 0312 1900 RMKS BAHX TO MIIM = (Normally
uses numbers in RMKS)
BT A43T 5343 7A3D 5A73 7U47 5N3T T5AU 65NT TUT7 TTTU 773U
4ATU (Cont'd)
AR QSL ? K (Message format suggests QV5B family)
R M.. 1911 K
R QSA....
R AS R AS

8073 kHz, 12-03, 0006 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSGS GA PSE CY
NR 0227 CK 145 35 0312 0722 =
TAU 3U4 3A4 TAU 773 TA7 773 354 373 35N (Cont'd)
AR
A HR MSG GA
NR 0228 CK 22 35 0312 0722 =
TT3 N5U TAU N53 TT6 N54 7TT TTN 746 7..
77T 6TN 7AA 7U4 U6D U5U 7T5 6T7 7AD N47
3A4 7U5 AR
MSG AGN
NR 0227 CK 145 35 0312 0722 =
TAU 3U4 3A4 TAU 773 TA7 773 (Cont'd repeat message - 0022z)
AR (0031z)
7G AGN
NR 228 CK 22 35 0312 0722 =
TT3 N5U TAU N53 TT6 (Cont'd)
AR AR AR

8073 kHz, 12-03, 1137 UTC

V BNGC (x3) DE XSV85 (x2)
HR 7G GA PSE CY
NR 0229 CK 300 35 0312 1612 =
TAU 3U6 3AN 3U7 TAU 773 354 (Cont'd)

8073 kHz, 14-03, 1137 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0233 CK 214 35 0314 1555 =
TA4 3U6 3AN 3U7 TAU 773 TU5 773 357 4T3 NN3 (Cont'd)

4243//9054 kHz, 12-03, 1146 UTC

VVV
HR 7G PSE CY
NR 037 CK 2.... 12 15125.
5TN UTT TUU 3U5 (Cont'd)
AR
NR .. CK 23 35 0312 1512
5TN TTU TAU 3U6 (Cont'd)
NR .. 1.1 35...

4444 kHz, 13-03, 1153 UTC, i.p.

7G GA K
R R 7G NR 11/CCK K
LG7CH = =
3467 34567NR =
T =
354T = =
3456
7G NR 1456
7G NR 1456
7G NR 14567G
NR 14567M =
VV345
7G NR 1456
7G NR 14567G
NR 14
= = =
345 = = = =
34 = =
3756
7G NR
VVVVV 3456
7G NR VVV3456
7G NR 14567MT
4457 NAGN NR 1456
7G G NR 1456
7G NR 145M FS VV 3456
7G GA 1456 7G =
= = = 7G NR 1456 7G NR 1456 7G NGG
= = 4444 44 444 4 4 E 4444444 = =
VVVVVVVVVVV34456 7M T = =
7NT = = =
T = = = N = 4444 6578 1234567G NR 1456 7G NR 1456 7G NR 1400M
000
00006 7G NR 1456 7G NR
= = 456 7G NR 145 = = =
567T = = = = 0000000000 0000000 O400
VVVV 2016613200625 K K QSL 2006 K K
VV VV K K SK SK SK
VVV = 20521 K K
2016200714 K K
VV 55E
5512U A 1456 7G NR 14 56 7G
56 7G NR 0000 = = = = = = = = = = = = = T
= MG NR 112456 7G NR 11456 7G NR
= = VVV 3456 7G NR 1456 7G
GT 14 7G = = = = = = = = = =
VV VV3 456 7G NR 1456 7G NR 1456 7G NR (Cont'd)

8073 kHz, 13-03, 1139 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSG GA PSE CY
 NR 0231 CK 209 35 0313 1650 =
 TA4 3U6 3AN 3U7 TAU 773 TA7 773 357 (Cont'd)

4243//9054, kHz, 13-03, 1146 UTC

VVV
 HR 7G TOYR PSE CY
 NR 039 CK 17 35 0314 1505 =
 5T. UTT TU3 3UN 83U (Cont'd)
 AR
 A HR 7G GA
 NR 266 CK 154 35 0313 1611 =

4243//9054 kHz, 14-03, 1147 UTC

V HR 7G
 V HR 7G TOYR PSE CY
 NR 041 19 35 0314 1518 =
 5TD UTT TA4 3U6 3A4 35U (Cont'd)
 AR
 7G AGN
 NR 041 19 35 0314 1518 =
 5TD UTT TA4 3U6 3A4 35U N3D 353 4AA UTT (Cont'd)
 AR
 A HR MSG GA
 NR 28 CK 101 35 0314 1601
 UTU TA4 3U6 3A4 TTU N44 TT3 TT. 773 35A N3D (Cont'd)

9054 kHz, 18-03, 2344 UTC

VV HR MSG TOYR PSE CY
 NR 0.. CK 20 35 0319 0615 =
 5TD UTT TAN (Cont'd)
 AR
 7G AGN
 NR 050 CK 20 35 0319 0615 =
 5TD UTT TAN (Cont'd)
 AR
 A HR 7G GA
 NR 075 CK .2 35 0319 0627 =
 U.. UT5 TAN 3U4 3A4 TTA TTU TT3 773 353 (Cont'd)
 AR
 AGN
 NR 075 CK 22 35 0319 0627 =
 TU6 TAN 3U4 3A4 TTA TTU TT3 773 (Cont'd)
 AR
 A HR MSG
 NR 37 CK 069 35 0319 0.30 =
 UTU TAN 3U4 3A4 TTU 773 (Cont'd)
 AR
 NR ... CK 069 35 01
 NR 37 CK 069 35 0319 0730 =
 UT. TAN 3U4 (Cont'd)

8073 kHz, 19-03, 0004 UTC

V BNGC (x3) DE XSV85 (x2)
 HR 7G GA PSE CY
 NR NR 0242 CK 142 35 0319 0700 =
 TAN 3.4 3A4 TAU 773 357 363 373 4AD NN3 (Cont'd)
 AR
 MSG AGN
 NR 0242 CK 142 35 0319 0700
 TAN 3U4 3A4 TAU 773 357 363 373 (Cont'd)

8073 kHz, 19-03, 1138 UTC

V BNGC (x3) DE XSV85 (x2)
 HR 7G GA
 NR 0243 CK 301 35 0319 1621 =
 TAN 3U6 3AN 3U7 TAU 773 (Cont'd)

8507 kHz, 19-03, 2218 UTC, i.p.

01/CRO
 05 05 05 05 05 =
 05 05 05 =
 HR 50. 36 U7NA4T 5D3U6N7TTU.54..7A3N455D65U7A3746. DNTU
 A3TTUDN53674AU4465DN7TAU3457D6ANT563NA3 457U5 46A5N..
 74DU4657D 4TA3U567III 4UADNK 3NDAA 74546A5N7E
 EEEEE SEEEESSS (Cut numbers are run together)

4243//9054 kHz, 19-03, 1145 UTC

VV HR 7G TORY PSE CY
 NR 38 CK 135 3A EEE
 NR 38 CK 135 35 0319 1.46 =
 UTU TAN (Cont'd)

9054 kHz, 19-03, 2345 UTC

VV
 NR 07D 29 35 0320 0621 =
 UT5 TUT 3U4 3A4 TTA TTU (Cont'd)
 AR
 GA AGN
 NR 078 29 35 0320 0621 =
 UT5 TUT 3U4 3A4 TTA TTU TT3 (Cont'd)
 AR
 A HR MSG GA
 NR 052 18 35 0320 0642 =
 DUT TTU T3U 43A (Cont'd)
 AR
 GA AGN
 NR 052 CK 18 35 0320 0642 = (Repeats message)
 AR
 A HR MSG GA
 NR 039 CK 039 35 0320 0723 =
 UT. T.T 3UA 3A4 TTU N4. TT3 773 (Cont'd)
 AR
 GA AGN
 NR 039 CK 039 35 0320 0723 =
 UTU TUT 3UA 3A4 TTU N44 TT3 773 ...

8073 kHz, 20-03, 0007 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSG GA PSE CY
 NR 0244 CK 125 35 0320 0711 = =
 TUT 3U4 3A4 TAU 773 357 373 35D 4T3 NN3 (Cont'd)
 AR
 MSG AGN
 NR 0244 CK 125 35 0320 0711 =
 TUT 3U4 3A4 TAU 773 (Cont'd repeat message)
 AR AR

8073 kHz, 20-03, 1137 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSG GA PSE CY
 NR 0245 CK 288 35 0320 1523 =
 TUT 3U6 3AN 3U7 TAU 773 (Cont'd)

4243//9054 kHz, 20-03, 1145 UTC

VVV VVVVV HR MSG TOYR
 TOYR PSE CY
 NR 05. CK 17 35 0302 .. 515 =
 5TD UTT TUT 3U6 3A4 35U (Cont'd)
 AR
 7G AGN
 NR 03 CK 17 35 0320 01515 =
 AR
 A HR 7G GA
 NR 4 EEE
 NR 40 CK 131 35 0320 1557 =
 UTU TUT 3U6 3A4 TTU 773 (Cont'd)

4284 kHz, 21-03, 1310 UTC

DE XS
 ...YR PSE NO CY
 NR 242 CK 96 35 0321 15.6 =
 UT3 TUA 3U6 3A4 (Cont'd)
 AGN
 NR 242 CK 96 35 0321 1556 =
 UT3 TUA 3U6 3A4 (Cont'd repeat message)
 A HR MSG GA
 NR 243 CK 157 35 0321 1556 =
 UT3 TUA 3U6 TT4 TT5 TT6 773 3AD 357 (Cont'd)
 7G AGN
 NR 243 CK 157 35 0321 1556 =
 UT3 TUA 3U6 (Con 't repeat message)
 ZNN SK

8073 kHz, 21-03, 1139 UTC

Switched to Q26 at 1141 UTC and back to M95
 III = 44D 4.. 3D5 4DT 4D7 TA7 773 (Cont'd)
 III = 4T3 NN3 447 46N 3D4 4DT 4D6 476 AR AR

4243//9054 kHz, 21-03, 1146 UTC

VV
 HR MSG TOYR PSE CY
 NR 055 CK 24 35 0321 1510 =
 5TD UTT TUA 3U6 3A4 35U N3D 354 753 773
 35D 4AA N3D 4TA U7U N4A 434 3DA TTU TT3
 773 435 3D3 4D3 AR AGN
 NR 055 CK 35 0321 1510 BT (Repeats message)
 A HR 7G GA
 NR 42 CK 106 35 0321 1551 =
 UTU TUA 3U6 3A4 TTU 773 (Cont'd)

8073 kHz, 22-03, 0030 UTC, i.p.

TUA 773 TUU 773 356
 AR

8073 kHz, 22-03, 1138 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSGS GA PSE CY
 NR 0250 CK 49 35 0322 1604 =
 TT3 N5U TUU N53 TAD N54 7TT TTU 746 7T5 77T (Cont'd)
 AR
 A HR 7G GA
 NR 0251 CK 269 35 0322 1605 =
 TUU (Cont'd)
 773 TU3 773 356 .. AR AR

4243//9054 kHz, 22-03, 1148 UTC, i.p.

= 357 4TA ...
 AR
 NR 057 CK 32 35 0322 1.3. =
 UTT TUU 3U6 (Cont'd)
 AR
 A HR 7G GA
 NR 44 CK 1.. 35 0322 1.47 =
 UTU TU. 4U6 3A4 TTU (Cont'd)
 AR
 A HR 7G GA
 NR 08. CK 21 35 0322 .602 =
 UT5 TUU 3U6 (Cont'd)
 AR
 AGN
 NR 086 CK 21 35 0322 1602 =
 UT5 TUU 3U6 (Cont'd)
 AR
 A HR U PSE BWK AR AR AR

8073 kHz, 24-03, 1136 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSGS GA
 NR 0259 CK 36 35 0324 1525 = =
 TT3 N4U TU4 N53 TAD N54 7TT TT6 746 7T5
 77T DN3 7T7 TAU 773 TA7 773 TAD 773 TAN
 773 TUT 773 TUA 773 TU3 773 TU4 773 TU5
 773 7AN 7AD N47 3AN 7U5
 MSG AGN
 NR 0259 CK 36 35 0324 1525 = =
 TT3 N5U TU4 N53 (Repeats msg)
 A HR MSG GA
 NR 0260 CK 170 35 0324 1533 = =
 TU4 3U6 3AN 3U7 TAU 773 TA7 773 TU5 773 357 (Cont'd)

8888 kHz, 24-03, 1339 UTC, i.p.

= = 5NU6N5UTTA3U
 37DT 46T7 (Cont'd)
 NR 0260 CK 170 35 0324 1533 = (This message sent by XSV85 on
 8073 at 1144z)
 TU4 3U6 3AN 3U7 TAU 773 TA7 773 TU5 773 357 (Cont'd)
 AR
 FF FT /////
 353 4T3 NN3 446 3D3 4DT 4D6 (Cont'd)
 3D5 3UD TU4 3
 NR 0257 CK 108 35 0324 0714 =
 TU4 3U4 3A4 TAU 773 TA7 773 (Cont'd)
 AS

4284//7554 kHz, 25-03, 1325 UTC, i.p.

447 4D6 N3D 4.6 4.7 4DD
 NR 255 CK =
 MSG AGN
 NR 255 CK 184 35 0325 1605
 66A UT3. TU5 3U6 TT4 773 3AD 353 U46 (Cont'd)
 ZAN VA

8073 kHz, 25-03, 1140 UTC

PSE CY
 NR 0253 CK ..35 0325 15.. =

4243//9054 kHz, 24-03, 1146 UTC, i.p.

HR MSG TOYR PSE CY
 VVV HR MSG TOYR
 VVV HR MSG TOYR PSE CY
 NR 09 21 35 032
 NR 092 CK 13 35 0324 1522 =
 UT5 3A4 TTA TT. TT3 773 ... (Cont'd)
 AR
 7G AGN
 NR 092 13 35 0324 1522 =
 UT5 TU4 3U6 3A4 TTA TTU TT3 773 564 TU.
 4TA 445 4D6 3DA AR
 A HR 7G GA
 NR 061 17 35 0324 1555 AR
 5TD UTT TU4 3U. (Cont'd)
 AR
 A HR 7G GA
 NR 48 110 35 0324 1... =
 UTU .U4 3U6 3A4 TTU 773 353 (Cont'd)

4243//9054 kHz, 25-03, 1155 UTC

WK AR AR AR

9054 kHz, 25-03, 2346 UTC, i.p.

HR ... PSE CY
 NR 096 CK 13 35 0326 061. =
 UT5 (Cont'd)
 MSG
 NR 064 CK 19 35 0326 061. =
 5TN NTT TU6 (Cont'd)
 AR
 NR 51 CK 0.9 35 0326 0.2. =
 T.T (Cont'd - 2351z)
 AR AGN
 NR 51 CK 0.. 35 0326 =

4284 kHz, 26-03, 1312 UTC

V BNEC (x3) DE XSV70 (x2)
 HR MSG TOYR PSE NOTE CY
 NR 2.7 CK 104 35 0326 1545 =
 UT3 TU6 3U6 3A4 TT4 773 (Cont'd)

8073 kHz, 26-03, 0010 UTC

V BNGC (x3) DE XSV74 (x2) (Note change in callsign from XSV85 to XSV74. Probably a typo)
 ... PSE CY
 NR 0265 CK 110 35 0326 0709 =
 TU6 3U4 3A4 TAU 773 TA7 773 356 (Cont'd)

8073 kHz, 26-03, 1140 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSGS GA PSE CY
 MSG NR 0267 CK 263 35 0326 1605 = =
 TU6 3U6 3AN 3U7 TAU 773 TA7 773 356 (Cont'd)
 773 TU7 773 TUN 773 353 4T3 NN3 (Cont'd)
 AR
 A HR MSG GA
 NR 0268 CK 30 35 0326 1611 =
 TT3 N5. TU6 N53 TAD N54 7TT TTT 746 7T5 77T (Cont'd)
 AR AR HR U SB WK

4243//9054 kHz, 26-03, 1147 UTC

VVV HR MSG TOYR PSE CY
 NR 065 CK 19 35 0326 1514 =
 5TD UTT TU6 3U6 3A4 35U 4A5 N3D 4AA U7U
 N4A 445 3DA TTU TT3 773 446 3D3 4D3 AR
 7G AGN
 NR 065 CK 19 35 0326 1514 = (Repeats message)
 AR A HR MSG GA
 NR 098 CK 13 35 0326 1623 =
 UT5 TU6 3AD 3A4 TTU TT3 773 35U 4A5
 445 4D6 3DA AR
 MSG AGN
 NR 098 CK 13 35 0326 1623 = (Repeats message)
 AR
 A HR MSG GA
 NR 52 CK 114 35 0326 1623 =
 UTU TU6 3U6 3A4 TTU N44 (Cont'd)
 GA MSG AGN
 NR 52 CK 114 35 0326 1624 =
 UTU TU6 3U6 3A4 TTU N44 TT3 773 35A U4T (Repeats message)
 AR

8073 kHz, 29-03, 1134 UTC

V BNGC (x3) DE XSV85 (x2)
 HR MSG GA
 NR 0279 CK 123 35 0329 1... =
 TUN 3U6 3A. 3U7 TAU 773 (Cont'd)

9054 kHz, 29-03, 1148 UTC

V HR MSG TOYR GA PSE CY

9054 kHz, 30-03, 2351 UTC, i.p.

UT5 T3A 3U4 3A4 3A4 TTA TTU TT3 773 356
 AR
 NR ... CK 32 35 0331 0625 =
 5T. UTT 63A 3U4 (Cont'd)
 AR 7G AGN
 NR 074 CK 32 35 0331 0625 =
 5TD UTT 63A 3U4 (Cont'd)
 AR
 A HR 7G GA
 NR 051 CK 070 35 0331 0626 =
 UTU T3A 3U4 3A4 TTU (Cont'd)

8073 kHz, 31-03, 1132 UTC

V BNGC (x3) DE XSV85 (x2)
 HR 7G GA
 NR 0283 CK 95 35 0331 1525 =
 T3A 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 357 (Cont'd)
 AR
 AGN 7G AGN 7G AGN
 NR 0283 CK 95 35 0331 1525 =
 T3A 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 357 (Cont'd)

9054 kHz, 31-03, 0001 UTC, message from 30-30 still i.p.

AR
 7G AGN
 NR 61 CK 78 35 0331 0... =
 NR 6A CK 078 35 0331 0729 =
 UT3A U6... AR
 A HR CW A ? AHR U PSB ATTT

8073 kHz, 31-03, 0017 UTC

773 TUU 773 TU6 773 TU7 773 356 ...
AR

4243//9054, kHz, 31-03, 1145 UTC

V HR MSG TOYR GA PSE CY
NR 62 CK 166 35 0331 01616 =
T3A 3A4 TTU 773 357 (Cont'd)
AR
A HR BWK AR AR AR

9054 kHz, 31-03, 2347 UTC

V HR MSG TOYR PSE CY
NR 015 39 35 0401 063. = (Cont'd)
AR
A HR 7G GA
NR 076 28 35 0401 064. =
TU5 TDU TT. (Cont'd)
AR
A HR 7G GA
NR 010 .4 35 0401 0626 =
UTU TTA (Cont'd)
AR PSE.. WK AR



M97 - Vietnamese numbers

Frequency: 10375 kHz
Mode: Morse

10375 kHz, 10-03/17-03/24-03/25-03/31-03, 1454 UTC

SO DIEN: 84 SO DIEN: 84 SO DIEN: 84
DK: HT HT HT
SO NHOM: 58 SO NHOM: 58 SO NHOM: 58
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
99324 20677 08739 99636 96965 54484 33165 73144 79429 78620
39915 66546 27757 88700 97238 14506 06185 28529 91347 58476
97654 04920 77677 68494 68775 93995 42047 83420 12029 65119
62117 53236 17108 82136 93364 29498 76417 98320 89878 18024
87216 10241 89350 23597 51616 09230 40880 03965 97942 45682
02439 57570 98181 13039 13354 64933 37670 27264
KKKKKKKKKKKKKKKKKKKKKKKKKK
SO DIEN: 84 SO DIEN: 84 SO DIEN: 84
DK: HT HT HT
SO NHOM: 58 SO NHOM: 58 SO NHOM: 58
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
99324 20677 08739 99636 96965 54484 33165 73144 79429 78620
39915 66546 27757 88700 97238 14506 06185 28529 91347 58476
97654 04920 77677 68494 68775 93995 42047 83420 12029 65119
62117 53236 17108 82136 93364 29498 76417 98320 89878 18024
87216 10241 89350 23597 51616 09230 40880 03965 97942 45682
02439 57570 98181 13039 13354 64933 37670 27264
KKKKKKKKKKKKKKKKKKKKKKKKKK
SO DIEN: 84 SO DIEN: 84 SO DIEN: 84
DK: HT HT HT
SO NHOM: 58 SO NHOM: 58 SO NHOM: 58
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
99324 20677 08739 99636 96965 54484 33165 73144 79429 78620
39915 66546 27757 88700 97238 14506 06185 28529 91347 58476
97654 04920 77677 68494 68775 93995 42047 83420 12029 65119
62117 53236 17108 82136 93364 29498 76417 98320 89878 18024
87216 10241 89350 23597 51616 09230 40880 03965 97942 45682
02439 57570 98181 13039 13354 64933 37670 27264
KKKKKKKKKKKKKKKKKKKKKKKKKK

Ends at 1515 UTC



MC03 - Chinese Air Defense

3885 kHz, 14-03, 1205 UTC, i.p.
FFF 3007276758641009002005R

4011 kHz, 25-03, 2055 UTC
NDA UA65T3 6746UU6 TD5 55
NDA UA5N4T 6D46U4N TNT 56
NDA 4TU7NU D63D35A A7T 56
NDA UA65T6 5N4AD5N AAU 56



UM02 – YRM net

10470 kHz, 04-03, 0131 UTC

CQ DE YRM
QSV
VOZ
KLF
KLF
R
ZNN
ZNN
VA
QSV K
VOZ
QSV K
CQ DE YRM
VOF
CQ DE YRM VVV QSV
CQ DE YRM VVV QSV K
DE DE

10470 kHz, 19-03, 0129 UTC

Q CQ Q CK DE YRM (x2) VVV QSV K
QSV K
CQ (x5) DE YRM (x2) VVV QSV K

10470 kHz, 26-03, 0128 UTC

VVV
VVV CQ (x3) DE YRM (x2)
QSV K
VVV CQ DE YRM QSV
DE DE
QSV K
QSV K
QSV K
QSV K

10470 kHz, 22-03, 0103 UTC

VVV CQ DE YRM QSV K
VOR ZNN
VVV CQ DE YRM QSV K
QSV K
DE
VVV CQ DE YRM QSV K
VVV CQ DE YRM QSV K
DE
VVV CQ DE YRM ZAN ZAN VA I



UM10 - 10-minutes net

3718 kHz, 05-03, 1911 UTC: 7CJK
 3326 kHz, 07-03, 1855 UTC: U34D
 3718 kHz, 08-03, 1742 UTC: 7CJK
 3718 kHz, 08-03, 1950 UTC: 7CJK
 3817 kHz, 09-03, 1018 UTC: 7CJK
 3326 kHz, 09-03, 2023 UTC: U34D
 3718 kHz, 10-03, 1618 UTC: 7CJK
 3718 kHz, 13-03, 1442 UTC: 7CJK
 3326 kHz, 13-03, 1455 UTC: U34D
 3718 kHz, 18-03, 1547 UTC: 7CJK //3210 kHz
 3718 kHz, 22-03, 1414 UTC: 7CJK
 3326 kHz, 22-03, 1558 UTC: U34D
 3718 kHz, 23-03, 1726 UTC: 7CJK
 3718 kHz, 25-03, 1613 UTC: 7CJK

DIGITAL MODES



HM01

Dirección General de Inteligencia

11635 kHz, 29-02, 2100 UTC 34411 15721 51328 40533 36261 54425

Files: 70023441.TXT 302 Bytes
 63721572.TXT 872 Bytes
 50415132.F1C 797 Bytes
 14344053.TXT 874 Bytes
 87543625.TXT 528 Bytes
 53385442.TXT 818 Bytes

11435 kHz, 04-03, 1600 UTC 15724 36152 40537 36265 57741 34415

Files: 63721572.TXT, 872 Bytes
 53313615.TXT, 451 Bytes
 14344053.TXT, 847 Bytes
 87543626.TXT, 528 Bytes
 50115774.F1C, 536 Bytes
 70023441.TXT, 302 Bytes

11435 kHz, 10-03, 1601 UTC 47772 36158 32315 30153 57747 28721

Files: 68254777.TXT (528 Bytes)
 53313615.TXT (451 Bytes)
 57133231.TXT (931 Bytes)
 24583015.TXT (614 Bytes)
 50115774.F1C (536 Bytes)
 78412872.TXT (239 Bytes)

11435 kHz, 14-03, 1606 UTC Radio Havana briefly then 47777 22153 57322 02711 63514 28726

11435 kHz, 17-03, 1602 UTC Starts with yesterday groups then new ones: 83542 22156 57325 02713 63517 60181

11435 kHz, 20-03, 1601 UTC Starts with yesterday's groups, stops, then 83545 33861 57328 02716 88141 60184



HM02

Modes: FSK + FSK-Morse

HM02 is back, and Benka found it!! The station was quite active for a while in 2015 but disappeared. Here is the format:

Format:

FSK intro, followed by Morse

Sends single 5-figure groups

Short zero

3FG DK and GC = 5FG message = DK GC (pause) DK GC = repeats message = DK GC 000

Ends with 3 long dashes (000)

DK = Decode Key, GC = Group Count, 3FG = 3-figure group, 5FG = 5-figure group

6261 kHz, 12-03, 0625 UTC, i.p.

ends with 68807 75797 94610 = 284 43 000

6261 kHz, 17-03, 0620 UTC, FSK intro

284 53 =

15376 54332 68064 22965 62118 60071 95199 67786 61335 77954
07265 35020 93256 36661 60129 09780 04567 58601 50793 91409
42467 98553 89088 76029 10739 41136 01173 74162 20445 01059
21419 00763 43598 77539 33107 81183 09019 15658 03082 02696
21103 07661 98078 17398 05136 93621 43907 03820 79036 81062
52981 92010 50459 =

284 53 pause 284 53 = repeats message = 284 53 000

6261 kHz, 18-03, 0545 UTC, FSK intro

154 49 =

13906 49392 55529 20224 02367 97605 07169 14929 27499 70247
58341 22930 24962 82749 92090 08263 73398 42424 45924 36411
94666 49613 85595 45585 27021 30533 95206 96532 89479 30118
69849 79883 43764 70502 93368 37626 53462 16111 53446 24376
44667 19980 78495 77078 73343 17887 66922 67932 02407 =

154 49 pause 154 49 = repeats message = 154 49 000

6261 kHz, 19-03, 0545 UTC, FSK intro

428 46 =

36030 04537 92657 81696 58195 00573 66046 08461 81568 97992
99261 31964 60267 86950 32858 23458 96746 77346 18803 42423
84206 51071 45733 70678 28804 67745 27253 93771 90077 74815
06613 52985 85056 75253 20022 17067 68524 86283 31044 86261
75061 76971 98362 92521 99671 93884 =

428 46 pause 428 46 = repeats message = 428 46 000

6261 kHz, 20-03, 0542 UTC, FSK intro

567 44 =

42629 40063 85621 45182 86003 29495 61571 43406 89375 41235
98240 51330 41587 45944 81237 69683 81892 47588 83817 68082
42419 01957 93586 75907 13020 11317 35641 82777 18776 94374
35895 93422 67099 83698 62932 23306 43119 31613 77874 60903
02487 21077 35532 37817

= 567 44 pause 567 44 = repeats message = 567 44 000

6261 kHz, 21-03, 0547 UTC, FSK intro

667 47 =
68019 90966 60535 44329 97657 60820 91440 46752 68946 72705
80225 62998 19483 60054 79043 61186 19247 69463 77940 94107
46889 12517 14761 61788 42714 99532 57528 24666 60289 85437
07703 42626 70101 37805 93802 02148 57808 15088 24677 29719
49639 61689 69041 39215 11911 76692 87381
= 667 47 pause 667 47 = repeats message = 667 47 000

6261 kHz, 22-03, 0543 UTC, FSK intro

418 50 =
59999 13955 11399 28648 89776 28979 18552 09384 74297 38981
81796 67155 05813 92014 35925 91452 53845 27430 84814 93719
56547 16151 81534 41924 24932 53138 16592 69591 75123 80524
03973 54261 02180 12805 11582 59576 18937 34187 51690 58290
64687 94690 77314 99433 02114 51219 57815 20253 21106 21409
= 418 50 pause 418 50 = repeats message = 418 50 000

6261 kHz, 23-03, 0541 UTC, FSK intro

184 48 =
61272 48598 18278 43858 26477 07981 59032 61421 60475 12040
10911 42097 32100 40361 85434 18612 46051 91942 41154 89971
81561 46446 19045 58032 49699 73935 56003 49638 33517 56181
32473 31674 14735 84502 60472 56789 12098 44258 66022 81007
63543 02259 26958 31303 36144 14485 83434 37099
= 184 48 pause 184 48 = repeats message = 184 48 000

6261 kHz, 28-03, 0440 UTC, FSK intro

295 44 =
64146 15259 80337 66893 91250 06988 69458 93089 46240 93598
52812 42874 69450 68666 78031 13288 15337 80282 29889 92869
86672 15313 50735 69204 12113 06575 58771 81393 38325 89478
81232 43105 72550 46196 26490 80531 75381 42472 53581 76286
13741 66860 00287 13153
= 295 44 pause 295 44 = repeats message = 295 44 000

6261 kHz, 29-03, 0440 UTC, FSK intro

Note: the complete FSK and CW sequence is sent twice. Very unusual.

427 46 =
88619 66245 08686 34750 31527 88794 87636 81133 82532 56240
32279 81523 97989 93494 98587 38118 19875 57072 55050 10598
21812 88997 02427 29626 87828 79035 68395 02291 58675 36329
45764 65021 47468 19967 15402 81847 22338 70072 22625 48702
05212 40438 19436 84692 76912 96708
= 427 46 pause 427 46 = repeats message = 427 46

Repeat of the complete transmission

427 46 =
88619 66245 08686 34750 31527 88794 87636 81133 82532 56240
32279 81523 97989 93494 98587 38118 19875 57072 55050 10598
21812 88997 02427 29626 87828 79035 68395 02291 58675 36329
45764 65021 47468 19967 15402 81847 22338 70072 22625 48702
05212 40438 19436 84692 76912 96708
= 427 46 pause 427 46 = repeats message = 427 46 000

6261 kHz, 30-03, 0440 UTC, FSK intro

568 49 =
 00101 43603 21819 43063 50414 77584 78978 44386 74681 29894
 68352 50900 56889 54306 48278 52876 69298 08730 95405 94351
 09615 20849 80750 50003 43575 64489 06145 53993 67054 92384
 19203 58629 97871 16218 07495 08507 23543 86824 53826 83721
 07018 76378 78494 54904 24875 64719 70289 99548 64457
 = 568 49 pause 568 49 = repeats message = 568 49 000

6261 kHz, 31-03, 0440 UTC, FSK intro

231 44 =
 92613 57106 97655 70166 57557 87048 71132 62983 86124 28606
 18903 08641 53084 60157 42019 11140 31043 71166 33209 65833
 49100 80411 14028 47801 22042 86070 84819 26598 27237 71392
 39390 69614 59890 08537 23198 61736 60107 61170 22038 99096
 83469 24984 33406 82402
 = 231 44 pause 231 44 = repeats message = 231 44 000

M42 & X06



*Modes:
 Various digital modes, CW,
 Tones (Мазелка / Mazielka)*

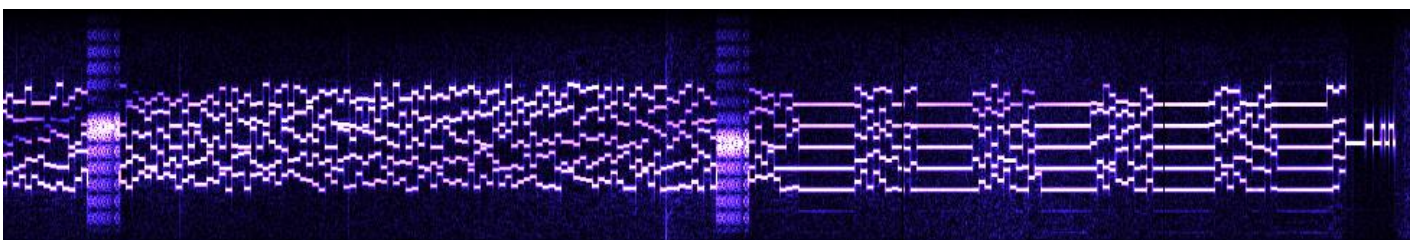
Russian Government & Intelligence



M42 – various modes

Freq	Date	UTC	Day	Details	Mode
6935	3-3	0350	Thu	Russian point to point net	RUS-ARQ 100/500
3300	3-3	0511	Thu	RUA41 de RUU76 ZHC? ZHC?	FSK 100/500
13397	12-3	1500	Sat	i.p. QTC 2 OK QRQ 100	FSK 100/500
10257	16-3	0835	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
13372	16-3	0835	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
9300	16-3	0838	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
12155	16-3	0843	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
13436	16-3	0845	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
13807	16-3	0846	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
15687	16-3	0848	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
15654	16-3	0852	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
17459	16-3	0855	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
10861	16-3	0910	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
10873	16-3	0910	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
11615	16-3	0915	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
7857	16-3	0920	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
13383	16-3	0928	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
13391	16-3	0928	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
17418	16-3	0935	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz

Freq	Date	UTC	Day	Details	Mode
18664	16-3	0944	Wed	Russian Intel, Moscow	MFSK-68
16342	16-3	0949	Wed	Russian Intel, Moscow	OFDM-45
14602	16-3	0956	Wed	Russian Intel, Moscow	OFDM-45
13860	16-3	0957	Wed	Russian Intel, Moscow	MFSK-68
13403	16-3	0958	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
14721	16-3	1011	Wed	Russian Intel, Moscow Header 11100 epqpo qwerq qypew ptppe	Baudot 100/250
11158	16-3	1016	Wed	Russian Intel, Moscow	OFDM-45
11561	16-3	1032	Wed	Russian Intel, Moscow	OFDM-45
15693	16-3	1041	Wed	Russian Intel, Moscow	MFSK-68
12193	16-3	1044	Wed	Russian Intel, Moscow	OFDM-45
12164	16-3	1045	Wed	Russian Intel, Moscow	OFDM-45
13995	16-3	1052	Wed	Russian Intel, Moscow	OFDM-45
14631	16-3	1058	Wed	Russian Intel, Moscow	MFSK-68
17465	16-3	1120	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
17467	16-3	1120	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
7734	16-3	1135	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
13441	16-3	1140	Wed	Russian Intel, Moscow	OFDM-45
12156	16-3	1204	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
14936	16-3	1205	Wed	Russian Intel, Moscow	CIS FTM-4/MFSK-4 150Bd 4000Hz
9975	16-3	1216	Wed	Russian Intel, Moscow	MFSK-68
13375	18-3	1047	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts
17461	18-3	1233	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts
14608	18-3	1330	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts
11572	18-3	1821	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts
10142	18-3	1828	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts
14380	19-3	1028	Sat	11100 60102 60571 19071 01003 = 5FGs. 11100 CW 60102 60571 19071 01003 = 5FGs	
20309	20-3	0730	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
19661	20-3	0800	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
17456	20-3	0830	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
15853	20-3	0900	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
13375	20-3	0930	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
19498	20-3	1200	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
17461	20-3	1230	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
15845	20-3	1300	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
14606	20-3	1330	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:
16116	23-3	0949	Wed	Russian diplo	CROWD-36
17459	25-3	0930	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts
16318	30-3	1131	Wed	Russian diplo 4646464 RAH RAH RAH 1/251	Baudot 75/500



Russian Intelligence. 5 x 16-tone MFSK with 250bd BPSK bursts every 10 seconds

M42b – FSK 50/500

Freq	Date	UTC	Day	Details	Mode
6931	29-2	1736	Mon	BZL26	FSK 50/500
5774	7-3	1344	Mon	GENP de MERG QSY 89631 K	CW
1777.5	9-3	1859	Wed	Messages and opchat: UWG2 de UUA4 QSA? K. QSA 4 ZOR K	FSK 50/500
8181	12-3	1017	Sat	7ZGR de PR6O QSY 17140 QTC	CW
9274	14-3	0746	Mon	K4MT wkg NT9P. Messages. Opchat in CW: QRU NIL SK	FSK 50/500
15680	14-3	0831	Mon	111002658 14021 01009 = 5FGs 111000 ... 14022 01009 = 5FGs	CW
13922	16-3	0808	Wed	8DSF wkg ZUOB	CW
4398	17-3	1710	Thu	DE LOCR QTC 1 K	FSK 50/500
5839	17-3	1725	Thu	QSA 4 QTC 1 K and message in FSK 50/500	CW
12210	18-3	0821	Fri	RWB5 wkg RAZ2 GB 73 SK. Message in FSK, opchat in CW	FSK 50/500
6941	18-3	1248	Fri	BV6K de HKDR QSY 83481 K. QSA NO SK	CW
7625	18-3	1248	Fri	BV6K de HKDR QSY 51733 K	CW
5421	22-3	0800	Tue	L2RS wkg KE4T. Msg in FSK, opchat in CW	FSK 50/500
6837	22-3	0806	Tue	Msg in FSK, opchat in CW de UCR QTC 1 K	FSK 50/500
5149	22-3	1402	Tue	OJNS wkg RAZK. Msg in FSK, opchat in CW	FSK 50/500
4993	22-3	1428	Tue	OJNS wkg PAPH. Msg in FSK, opchat in CW	FSK 50/500
3836	22-3	1738	Tue	OJNS wkg PAPH. Msg in FSK, opchat in CW	FSK 50/500

M42c (F01) – FSK 200/500

10861/8187/6939 kHz, 01-03, 1015/1025/1035 UTC

=8921 92998360227855991	=82019 33498393270543757	=81737 907802455721676110	=82155 714305052250896157
=8762 90688851793508562	=83720 58320470370022094	=89238 950795916180046149	=80256 17096935894781344
=7733 380167538579225114	=84921 796849752678117146	=82939 876547065580596167	=82157 24017870402000483
=8874 256192960714946153	=83222 06945503153755640	=82540 80695367003695241	=87858 38228423058209869
=8395 20110207433520763	=86323 21927907022457490	=89041 77881983719256769	=81859 761673739199671156
=8576 751589387811211128	=83424 03069000000000002	=87442 09894913491332932	=86960 257992463257550115
=8337 86193759829063373	=72025 000000000000000127	=84343 24479503007371356	=84561 29791237085413874
=7818 74070755089557040	=72026 00000000000000080	=78544 07174056802545774	=83862 21977218506088098
=7879 433956072666677115	=72127 000000000000577673	=83345 41648395219046535	=84263 60640388353364190
=89010 59151912760656775	=82428 641231697331428159	=87646 62965887923177486	=77564 861326241345468113
=82111 10754674704041999	=87929 030272396600056123	=82547 268428281389877158	=80265 567285656616425106
=84212 2938107100444616	=82030 457836744599029154	=82848 064744702518615159	=87366 590181333340786104
=83013 211130871668956106	=83531 889440173823019116	=80149 50636556540295642	=84967 28172943488965570
=83614 088476454763389157	=80932 472033790469704100	=88250 639378322336636100	=82968 042437215735176101
=89415 797389935447630110	=83233 92291086365976388	=85851 39025046721179296	=83469 353082515065197109
=81416 69326509860822893	=83734 49264252976911069	=84952 187001918923370108	=86570 69367835480412968
=86817 793128492217913119	=82135 36537909895240393	=86553 379442907650670113)57671 00000+++++++129
=80618 02731268487611084	=87136 430432818008983139	=89454 864962073471689159	

92998 36022 78559 90688 85179 35085 38016 75385 79225 25619
 29607 14946 20110 20743 35207 75158 93878 11211 86193 75982
 90633 74070 75508 95570 43395 60726 66677 59151 91276 06567
 10754 67470 40419 29381 07100 44461 21113 08716 68956 08847
 64547 63389 79738 99354 47630 69326 50986 08228 79312 84922
 17913 02731 26848 76110 33498 39327 05437 58320 47037 00220
 79684 97526 78117 06945 50315 37556 21927 90702 24574 03069
 00000

57767 64123 16973 31428 03027 23966 00056 45783 67445 99029
88944 01738 23019 47203 37904 69704 92291 08636 59763 49264
25297 69110 36537 90989 52403 43043 28180 08983 90780 24557
21676 95079 59161 80046 87654 70655 80596 80695 36700 36952
77881 98371 92567 09894 91349 13329 24479 50300 73713 07174
05680 25457 41648 39521 90465 62965 88792 31774 26842 82813
89877 06474 47025 18615 50636 55654 02956 63937 83223 36636
39025 04672 11792 18700 19189 23370 37944 29076 50670 86496
20734 71689 71430 50522 50896 17096 93589 47813 24017 87040
20004 38228 42305 82098 76167 37391 99671 25799 24632 57550
29791 23708 54138 21977 21850 60880 60640 38835 33641 86132
62413 45468 56728 56566 16425 59018 13333 40786 28172 94348
89655 04243 72157 35176 35308 25150 65197 69367 83548 04129
00000

10861/8187/6939 kHz, 02-03, 1015/1025/1035 UTC

=8681 84808881941516558	=86238 58246688530796540	=85075 863863207649130102	=83711294872628462777092
=8422 52952453819395099	=80939 19965492331357075	=84076 186761894663900120	=768113171060420119871129
=8003 38763468830401346	=78640 95752868415647538	=78877 36114064719017870	=82711417250473066162599
=8034 783754916899984137	=83041 670961509867819129	=79578 20701200680987998	=783115466753063226100151
=7705 73237347924119638	=86242 110163015692634133	=78579 44853794132617186	=774116176455021731477119
=8556 023295837439565116	=77243 189304494897859144	=85480 323156262026163118	=80111775604394997090192
=8417 20568770242250360	=84444 52129751048836787	=85281 993864524509086989	=78011890706444411539386
=8218 20769660118448575	=82545 729094320740008104	=83282 053581866202950108	=831119502239311318173111
=8379 76549523471880857	=86046 123134904302305151	=85883 283807629648728121	=891120561193205582644137
=87910 639015540478449111	=77847 095714015836760158	=85684 45275756716948686	=888121144601460279145129
=81011 232112910766008134	=81548 25054526454465294	=88185 904379306413060118	=802122386403306793771908
=85612 976276619561030113	=82049 17266797739722780	=84986 59856155756594973	=888123592430021746227115
=81213 18357615858994168	=84550 727943559016766102	=84887 172859904797068118	=860124716784929580983118
=83514 63917753416816261	=85351 95692657236878270	=82788 771877268873978105	=808125415780082931138111
=87815 75526775008238978	=82352 53105674576581484	=82789 705648525147869170	=824126412785147957613158
=83416 5325221237623277	=84553 301633759042532125	=86790 83866882700682776	=805127771401010631776109
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18726 kHz, 04-03, 2230/2240 UTC, transmitted from Cuba

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10861/8187/6939 kHz, 07-03, 1015/1025/1035 UTC

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20700/18726 kHz, 18-03, 2230/2240 UTC, transmitted from Cuba

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Map: CIA World Factbook

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=75519 20134422587491933 =83042 745320551559485100 =84665 20697441505990796
=89420 35277815075590036 =85143 093300696404513131 =85466 136029386065230116
=89021 741747261102675147 =78444 00702566149968966 =73667 53244311090000054
=82222 802121810253980149 =79345 01125059948084792)58168 ++++++84
=86723 67698437886605034 =80646 42848923976740781

95556 76212 98951 27088 50534 59434 76564 21778 52723 92113
38769 77524 08480 23096 90119 93727 72975 94127 43819 33741
24675 81013 71250 91275 91093 91120 33246 65488 17999 78165
97782 68208 99264 60229 73785 11717 09557 51923 15740 50540
07036 46662 78785 75684 98269 09971 28988 84744 82534 69756
38478 76333 17707 14496 20134 42258 74919 35277 81507 55900
74174 72611 02675 80212 18102 53980 67698 43788 66050 33038
04395 58433 15697 66410 12083 76679 84367 89033 82017 12679
07242 73960 40174 30083 00000

87365 26555 44151 80453 28871 57080 11686 92171 55265 15851
78497 85852 95896 50751 64751 41003 16737 08807 66381 16370
81900 37515 30523 70852 76976 95267 76360 11472 67618 38040
97312 48080 91820 74532 05515 59485 09330 06964 04513 00702
56614 99689 01125 05994 80847 42848 92397 67407 51325 03204
88601 93483 71764 79394 58187 77832 41917 03754 05668 32251
41942 57904 18340 64088 37961 94313 42787 02538 32253 80985
77116 03530 06506 11493 89843 87941 31576 47520 01382 92780
42192 86121 89068 40057 00035 68869 01657 53006 93626 75085
94224 74376 48491 66339 19428 66439 45989 74410 36036 97439
74289 49887 20697 44150 59907 13602 93860 65230 53244 31109
00000

M42d (F06) – FSK 200/1000

Link 00000

10421/8016/6812 kHz, 01-03, 0800/0810/0820 UTC

Block No 0 : Total Message Size 1 blocks : This transmission contains 0 messages.

Block No 1 : Link ID 00000 : 26th of month : Msg Number 235 : Msg Type 07104 : Group Count (?) 87
09581 39713 56444 32105 20541 05527 53638 60263

Link 16404 / 16405

20386/18215/16061 kHz, 10-03/23-03/24-03, 0600/0610/0620 UTC

Block No 0 : Total Message Size 16 blocks : This transmission contains one message.

Block No 1 : Link ID 16404 : 4th of month : Msg Number 242 : Msg Type 07145 : Group Count (?) 96
61684 18692 54283 33104 59836 36418 58809 42970

[Link ID 16404, Date 4th, Serial #97]

1be9 4014 f0f4 28f2 60e8
d40b 4904 7b0c fd28 f570 60d4 e46a a844 2741 5465
5592 19e1 2e3e 4980 dcc9 1b72 a58f 9895 6226 344c
6f90 db27 2c34 1d62 a255 7ec0 7b82 1257 e8dd 6c51
0239 6064 06a1 8da1 9725 d071 bb67 69dc faec d0e1
14be ab02 a397 af53 47e1 e2fd 468d 5562 b543 9836
b8d7 7563 d6a7 a1cd 51d7 d60d a22f 12e1 bd44 b381
cc74 1155 7fdb 753d f9f1 89e5 4eff faa4 5c58 e3ed
f27d c052 0ef0 aac8 a755 6ccb 2ada 9550 0534 65fe
54aa 2660 8cf7 43c9 e7eb ad63 9545 e000

Link 20492

20138/17428/14983 kHz, 23-03, 1015/1025/1035 UTC

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

Block No 1 : Link ID 20492 : 23rd of month : Msg Number 065 : Msg Type 07145 : Group Count (?) 4
59840 00000 00000 00768 37104 00094 00893 51433

Link 20501

13386/11129/9244 kHz, 01-03, 1650/1700/1710 UTC

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

Block No 1 : Link ID 20501 : 1st of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
34156 00000 00000 00626 12857 34082 00893 06154

16034/14353/12195 kHz, 06-03, 1530/1540/1550 UTC

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

Block No 1 : Link ID 20501 : 6th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
51652 00000 00000 03357 21447 35130 00893 17700

13386/11129/9244 kHz, 08-03, 1650/1700/1710 UTC

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

Block No 1 : Link ID 20501 : 8th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
46204 00000 00000 01060 16418 33361 00893 27288

16034/14353/12195 kHz, 13-03, 1530/1540/1550 UTC

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

Block No 1 : Link ID 20501 : 13th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 02654 12857 36056 00893 14875

16034/14353/12195 kHz, 15-03, 1530/1540/1550 UTC

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

Block No 1 : Link ID 20501 : 15th of month : Msg Number 147 : Msg Type 07145 : Group Count (?) 4
34596 00000 00000 00895 12857 33037 00893 57143

16034/14353/12195 kHz, 20-03, 1530/1540/1550 UTC

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

Block No 1 : Link ID 20501 : 20th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
26852 00000 00000 01598 32012 35947 00893 45838

13386/11129/9244 kHz, 22-03, 1650/1700/1710 UTC

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

Block No 1 : Link ID 20501 : 22nd of month : Msg Number 147 : Msg Type 07145 : Group Count (?) 4
48508 00000 00000 02401 21447 34258 00893 11629

Link 32799

20361/18238/16239 kHz, 01-03, 1400/1410/1420 UTC

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

Block No 1 : Link ID 32799 : 1st of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
50540 00000 00000 00045 09187 35808 00893 46100

20361/18238/16239 kHz, 15-03, 1400/1410/1420 UTC

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

Block No 1 : Link ID 32799 : 15th of month : Msg Number 102 : Msg Type 07145 : Group Count (?) 4
55564 00000 00000 02235 09187 35157 00893 14487

20361/18238/16239 kHz, 22-03, 1400/1410/1420 UTC

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

Block No 1 : Link ID 32799 : 22nd of month : Msg Number 110 : Msg Type 07145 : Group Count (?) 4
65332 00000 00000 01951 46067 53119 04095 03832

18187/16046/14459 kHz, 02-03/03-03, 0600/0610/0620 UTC

Block No 0 : Total Message Size 52 blocks : This transmission contains one message.

Block No 1 : Link ID 32817 : 27th of month : Msg Number 122 : Msg Type 07145 : Group Count (?) 91
50629 07056 18886 25270 05640 39677 45442 53512

[Link ID 32817, Date 27th, Serial #49]

1be9 8031 c5c5 0e7a 5bf9
49c6 1b90 2c7b c74b 603a f9dd 03df cebc 66b9 8c9f
9b70 f49f 97b7 a07b 244c f8a3 e48e e46e f012 1f27
1387 ee11 ad92 595f f72e 6f5b 52f9 b28b e228 27e2
0d03 94c5 0446 b977 8335 69ac 0863 9872 e5e9 95f4
6aaf 551a 24e7 2fb4 c813 db2d 29b7 6cc0 432f dc44
eae7 7b20 5cb1 c8fe 86f6 a874 c8bb 3bb1 48b2 f323
b13d f38a ddaf d758 4cc5 19c7 0953 fe5b 478c 4e4f
b098 8822 3a4f 9a69 982b b840 32d5 d8da 1f06 4aa4
6203 172e a466 f51c 33b3 acf2 a3af 7cb1 b00a e63d
e0cc 1409 3156 b6ca 55e8 e45d 8a42 7869 fe04 f780
c08b 3e68 132c b27a 9341 c164 d9b8 0036 a709 a040
af2d 2682 bc66 3553 e6a6 9b78 f981 6a39 afd4 6b9c
19c4 edca c8cc 7145 43dc 0adc 65b7 0734 1aec b007
8aaf 0961 1d87 07a9 08f3 5267 211c 4e42 87c2 6b92
83b7 1120 abc9 90dc c9a2 2e9c 0989 d529 dd72 dfeb
f02e bf5b 7823 e248 44db 8642 5cb9 a32d c85f bf3f
a7e1 7621 64e6 53c7 a72e 6d0a 8887 cbb8 4d63 80f7
ae41 a927 ddb6 f509 5f99 0b1c 4544 8217 95f1 62b6
4644 1150 f694 9697 63c8 fd3a 9a07 232b 9a03 196b
0151 6d78 e532 4e26 9c9b e240 1749 3d55 763a 5c62
09bb e2e0 7a03 e9a6 7c91 d07d 3772 7c03 0b2d 58d5
a3a4 2665 b0d5 5dd4 88ee 3abb 9af9 4080 9ba2 81b4
3238 1212 385d 6bca fe01 6368 54fc 40d1 28ab 9dce
7633 dfd8 8fb1 46a3 4d0a da54 5740 0c61 ef9c 9f66
7a8e b3c1 d84d 5b63 3447 3034 b079 9d3c 62a3 38e5
0e37 7129 f918 b6e6 0665 b223 678f be39 d731 3589
3252 95eb 1f47 6d36 83a3 3ba6 fbe6 c067 0901 7058
549e dfde 8182 8a01 9df5 0549 c6a1 21f7 3466 4eac
1f11 89c4 5e36 e4c3 fcec e9e9 b477 87da 2b57 80a0
541a e5f0 788e bd90 b879 4eb1 cb1b e9c2 db45 0ce0
865b dcf9 9859 b328 bf7c 5305 55e4 b8e8 094b a670
a095 5145 564a 157c 4b6a 8e91 a980 b7ba 67d0

18187/16046/14459 kHz, 09-03, 0600/0610/0620 UTC

Two messages with the same dates and different link ID's, not typically seen outside of 45136/45137.

[Link ID 32816, Date 5th, Serial #50]

1be9 8030 f464 327d f0ea
10a0 10d1 6b16 50dc 6e5d 6812 fcdd 7a21 4b71 a4dd
cb93 2ba3 e330 048b f985 f4f6 c1e0 d330 bcb3 6603
3e7a e592 c4b7 878b 2f82 4d6b 405d 949e 1eef 2b45
efc2 ae6a 2063 8a12 c7b3 2eee 0cf3 02bc bccf d722
cd89 b0ac 0725 e1d4 5c47 5b65 c3f0 78ba d079 80ae
8ef6 a184 57ec 8219 9f60 3c4a 6f98 5751 2adc 755c
cc41 2ebd d674 0d1e 39f1 a18c a36e 5030 15e0 2091
5891 0178 59e9 9ae2 1a9b 8b1d 137a 4e55 c6c8 a2cd
dea9 6c87 2a13 1d2e 5087 7012 81cb 8270 b83d bc4d
5f7b 0230 ed83 6b28 6bc9 5cb5 ce6b 55c7 43be c076
8440 e04f 9e38 68cd 1879 68d6 88e7 9926 04af 4848
47f4 d181 0065 1fc1 38f9 96f3 6415 3e0d df12 304e

2db3 29f6 3d3a ec0d 20c3 e65e cd39 6539 f52a f724
4a7b a0b0 3c0a bc07 8f06 2f98 6444 a021 887a 50ed
2dc6 d6e3 dc5d 9911 5035 806e c9f9 6aee 1833 f971
0b32 2448 c453 cf95 c5b0 8f30 f961 137e 9331 e489
dad9 7d2d 00b6 ee40 b9aa 92fc bb43 0749 be74 2b77
0de5 6e79 179d 09b2 8280 cc87 6065 78c5 ee8c ac03
9de4 4b78 41ab 4035 e7e6 1d24 b15a 06d4 a3b4 eebd
f873 2d57 9902 98f8 df2c 7c70 3acc b477 9140 836b
bb34 7522 e5f4 721c e798 4791 e37b 22af d3cb bfd5
8531 6b20 cf32 24ad 7de6 4d70 90ee b7c5 c722 05f2

[Link ID 32817, Date 5th, Serial #51]

1be9 8031 7734 327f 5ff3
cf31 1b30 aac8 8937 229f 9d5d 96e6 d77d 39f8 ece7
9d1a 28aa 3439 2cda 50c2 2100 cd2d ca10 3c11 3ac6
5355 f250 b535 dd62 43a2 2b79 62bc cf11 ae8f 9fc8
29fd 1476 d01b b008 b480 5d6b 54f1 5d64 796c d617
a222 5fcf da75 f899 59f5 7c2c 4515 8f0d 6804 d4f2
be76 a09f ad42 0f86 7caf 0467 6cf5 9d20 d7e3 172f
5855 28b0 be26 7754 ba20 4966 b168 01e8 5537 2424
6ac1 56a0 5d16 2e47 87be 3f57 9ebd 04f1 31d9 82ac
37c3 302b 7eeb 7f70 f123 6fe8 78b8 db12 4878 7834
9e4b 297a 94f0 315c f37e e781 d6cb df13 4277 9e87
0e63 7413 5d0c ff2d 1af5 e591 8606 b3e0 1e35 4e59
247f 3c02 c61b 1656 950e 8353 ab99 d090 a7af bbd4
2d44 0760 5775 4a1e 2103 d806 28e3 a862 485c 6d34
43cf 15a5 27ce 6d15 3895 460d d30d 091c beee 5556
1636 70f4 2d05 8566 bf7a e6ce 66c8 8d00 56c2 dce2
487d c906 33d5 3190 94b5 baf4 6a9a c38e adf5 7140
11f4 c173 8384 347c b1d0 da5a aca0 de30 02a7 4fc5
b8d2 a908 b8f5 60f0 411b efe5 e9c4 8784 1070 b4ba
d49a 42be 35ae 12f1 3f64 a962 6de3 a1ab ce51 2c50
8b17 2c85 07a1 38cc 15a0 b9c3 6931 1d13 30e9 18c7
6940 4f9d 4329 58c6 0986 6e8c 655a 59be 4dbb 09c6
d625 df73 10c4 a900 120d 0d8d 99ba 35f5 8607 274e
7e8b 14a9 0d15 17ea 8d29 6e91 cd11 28d0 bebc 85f3
a49a 9f4f 4593 6eab dc73 6a98 f178 0eb7 16bf df05
02ad f4f0 4949 f327 5482 a454 69e2 0807 76ea bde5
2c33 7d94 c61a 55a1 4d12 83f6 27ba c894 836e fbdc
8450 d1b9 e1a0 f70f 7b10 aae6 ce97 9535 a809 a162
a774 3139 6359 eec9 1ea3 ca14 21eb ce25 ef1e f8a9
71bb 9da9 db14 389f 31d9 26d8 1b2b dfc7 26e8 1152
092a 7739 db94 412d 90fe 4a62 79b4 a5be bc88 6b22
9b2b 79b3 b6e9 5eda de70 680e 1048 a480 797a ab51
7629 718b d9c8 1978 8334 c890 8786 4da3 c060 5bae
169f 5f57 4000

18187/16046/14459 kHz, 10-03, 0600/0610/0620 UTC

Block No 0 : Total Message Size 87 blocks : This transmission contains 2 messages.
Block No 1 : Link ID 32816 : 5th of month : Msg Number 125 : Msg Type 07145 : Group Count (?) 240
62564 04305 04256 22353 59615 02865 08967 42761

18187/16046/14459 kHz, 16-03, 0600/0610/0620 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 32817 : 16th of month : Msg Number 102 : Msg Type 07145 : Group Count (?) 4
34068 00000 00000 01087 11596 33249 00893 50103

16046/14459 kHz, 16-03, 0610/0620 UTC

Block No 0 : Total Message Size 64 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 32816 : 26th of month : Msg Number 142 : Msg Type 07145 : Group Count (?) 216
20276 12896 32004 02346 55757 34398 40932 27482

* 2016-03-30, 0600/0610/0620 UTC, 18189/16046/14459 kHz

* 2016-03-31, 0600/0610/0620 UTC, 18189/16046/14459 kHz

[Link ID 32816, Date 26th, Serial #57]

1be9 8030 4f35 048e d8f1
7d15 3260 3062 d915 daa5 9ae6 64b1 6899 ba92 a1ce
3e8d 9510 1f6a fc59 91f2 b5d5 edb5 0e97 91a0 8465
b551 5823 ea55 1917 792f bc28 b224 2620 7532 c016
695b d5cb 0d2a 67e3 4a25 d370 6b27 38da 877e 2cb2
9f2f f6a8 b5cb 8352 8dd7 0b6a 2201 7328 88a0 9319
78c3 692f 45ac f229 f951 2629 938b 5988 c078 d134
30e4 4094 571e 512a 4c30 8de1 3526 717e 7044 2257
43fc 6318 c418 c8fb 097d 1baa c5c1 68ea a088 e03d
f0f9 e962 de82 6e57 92f9 4fe6 5444 b352 4231 779c
f626 6aa0 1935 861b b285 8e5a cbc1 bc0d 8bfe d0e8
e671 4539 2882 4bdc 2b30 3b4c 35e9 8415 b1cd 6c8b
da78 01db 9a6c 07b8 255d e80c f606 11e5 803a ca81
07b3 484c 4799 e272 4d8d b23e c93e 8c88 680f bdce
1ea1 0cd5 f402 22b0 8900 a0d8 b1c7 8357 7db6 5d1f
ad12 b521 d3f2 7b3e d9d2 8721 462b 9e43 66b4 317a
4291 a608 46e4 7c41 d806 2ee5 29f7 5452 f0a8 b4cc
1d96 d6aa 7767 5ce3 4ecb a614 ad18 9eea 3386 a7d9
1f7b 53dd 13b9 cef9 f33d 9793 c0c5 bb39 d4e1 c45f
d777 e788 9b00 d9b5 5e4d 4a0c 7e99 3db8 8362 f48a
8017 a48d 9f1a 8790 3f39 4c38 79aa 4d60

[Link ID 32817, Date 26th, Serial #58]

1be9 8031 9d15 0491 d7e7
5573 16d3 ec27 264b 91ed e8cf 1b45 4cf0 d900 90f1
52c9 39cf ca6c 3d86 ed4e 3c27 0328 25ae 761e a399
f1c4 9318 5cd0 325e e6df 34c8 e41c 7f9e 2e11 17f1
7578 eca5 ecb8 b718 97bc ea4f e3d2 d258 e274 d55e
900d b9b1 64a2 1d12 a41b 8543 21d0 3edc 779d 5b94
ee15 ba11 784a 55b7 3884 89bf 6662 8e48 006e a216
01dc 4a39 6b27 d659 b8e0 94e5 d826 a74b e695 8bc6
840b c339 c708 9d14 0031 c725 6a58 7c84 34f1 d053
3273 2c4d 4a99 0cd4 3a28 7619 1c4c 1400 123e c9ec
9682 a240 6836 5659 bb8d c84f 2bbc b423 1f34 8620
e300 788b bda2 3ade 63ec 2be8 bd79 c1e5 f3a8 76cf
aa8a 8d80 f8a3 9710 b1f9 9f99 035c 2b4e 2367 21ea
71e3 7e88 de1f 4418 bf6c 75d2 c10d b5c9 7c44 f2ef
07e3 aba3 a70f 5806 35c7 8271 c8b3 faaf dedd 218f
3752 cb79 d94a cc83 ead7 beb9 9c86 1596 01d1 f5a9
1864 fc30 4569 1d92 4d2b d586 dadb 2570 8ae8 0b8f
a718 daa5 e838 8f26 fc16 15b6 4cc5 7537 37cf 0e09
c91f 9680 d00f a5d9 dac9 a928 7841 8a1b d368 230c
8850 d3e3 ec96 6a07 53dc 4577 67fc c76d fa83 0093
0247 a33a b7a0 6a5f e2d0 8b10 7354

Link 32821

22913/20374/18406 kHz, 05-03, 1500/1510/1520 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 32821 : 5th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 00486 13740 34651 00893 20834

[Link ID 32821, Date 11th, Serial #23]

1be9 8035 5910 6e39 6af3
e9f7 a4b9 9556 53bd 60b9 d6ea f90d 6c95 2ab0 7c22
c4eb d2ba ce50 fe7b 7568 5058 39b4 a450 0cbd ae03
c053 8107 8857 83e0 ff51 bd7d 1c94 5d98 cc8c e391
0718 9200 cf4f b874 a861 b54b ef86 162b a9a6 3d8e
f6a6 6e88 7c7b 0ee0 20a8 5de1 e933 077f 567d 8f83
4016 7bf0 2815 fb0a 272a 8d7d 3d96 88b0 0b0e 52a6
d213 bf0a 6f81 cba3 bd90 7157 e344 f7de 8b36 a2e8
f82c b685 7944 9dd7 81d0 023e da7a c66d a916 30fd
e3e1 a725 6cce ec1d 2a4e bcf7 1861 de0a c5fc 67bf
2aa2 04fb 4063 0b7d 0f0f de6c 6800

22874/20634/18751 kHz, 12-03, 1530/1540/1550 UTC

1be9 8035 b47c 7802 04e1

Null message

22913/20374/18406 kHz, 13-03, 1500/1510/1520 UTC

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

Block No 1 : Link ID 32821 : 11th of month : Msg Number 057 : Msg Type 07145 : Group Count (?) 106
22800 42169 59895 38646 22795 34804 02619 31729

22913/20374/18406 kHz, 26-03, 1500/1510/1520 UTC

Block No 0 : Total Message Size 8 blocks : This transmission contains one message.

Block No 1 : Link ID 32821 : 26th of month : Msg Number 002 : Msg Type 07137 : Group Count (?) 4
39181 00000 00000 02704 13740 35809 01917 17919

22874/20634/18751 kHz, 26-03, 1530/1540/1550 UTC

Block No 0 : Total Message Size 1 blocks : This transmission contains 0 messages.

Block No 1 : Link ID 32821 : 26th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
51653 00000 00000 00351 22795 35335 00895 62645

Link 36882

18344/16273/14434 kHz, 05-03/06-03, 1100/1110/1120 UTC

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

Block No 1 : Link ID 36882 : 4th of month : Msg Number 110 : Msg Type 07145 : Group Count (?) 152
58644 12568 32187 05611 43092 02331 44830 09129

[Link ID 36882, Date 4th, Serial #44]

1be9 9012 e514 286e 98e9
7dbb 3118 b99a dd2a 2b77 b4bd 1211 e0d4 1d33
f3c2 a6da 29f0 966c 76cd 4408 1477 b320 8c91
63f1 35d2 ebb6 d3e3 1ef6 2316 99f7 f2da 153e
44bb 0ca7 6356 c79b 65f4 401d 166f 542d ce41
4f39 8c97 a2b8 1e50 cf1d 28f5 a00b c2e9 4d5e
cad4 89a4 e180 d8d1 63d6 f916 22ec 39c7 66b0
5942 7616 6804 3be7 f8f4 e8d0 09ac fef0 7db7
abcc 85b9 0d4c 37ae 3c09 03b6 4e83 0502 e7a8
4e97 546d 07a0 0d99 c38c d708 d9c4 051d 815b
b04e f5cb f0a2 e774 7193 616b 04fe 055b e766
7c7a 9532 f404 e9cd 5f5d 8790 cdc2 2c6a 17ff

2e59 c69f 5632 0f7e 5aa5 8b04 39e0 47d1 d9c9
57a9 b168 68c4 6179 bba1 fc84 6382 23ef f93a
a214 9d4c fbb2 8c26 45fb 5b18 cefb 577c 0c3a
794f b586 76a1 2024 0f06 13c4 00b1 0b03 72e2
d28c 188f ab79 b97d

18344/16273/14434 kHz, 12-03, 1100/1110/1120 UTC

Block No 0 : Total Message Size 39 blocks : This transmission contains one message.

Block No 1 : Link ID 36882 : 11th of month : Msg Number 112 : Msg Type 07145 : Group Count (?) 2
01564 13688 60304 07820 31234 39052 46977 00148

[Link ID 36882, Date 11th, Serial #45]

1be9 9012 061c 6e70 02e7
eb90 3578 b99a dd11 0084 12bd 1211 dce5 5d40 f3c2
a6db 4cdd 971b c322 4cdf d2b5 135c 0aa6 e311 bde2
4467 8f07 2065 dcb7 3352 f500 339b 0004 0e10 1a80
035c 19e9 32e3 4f7a c02e 95d3 e8a8 92aa c031 6a4e
e104 db0 9a20 7dd5 a3f9 4912 0ee5 03dd db02 2140
d056 5f40 1f43 8e1c a945 0d21 56fd c7d1 a2aa f395
a243 a9bb a7c0 41f5 99b7 294b 29b3 81e5 c48f 5689
96b8 6764 36e8 e0b2 09d9 a9a4 5c19 7506 7790 d98f
08fd 9b17 1f64 f447 c838 4657 26e1 4336 6a91 79db
66f4 a6e8 9f06 e751 2011 4b4b 7996 97d4 c590 87e0
6b7d 6898 d718 1867 363a 636a ccf6 4451 5d99 434a
55b8 9324 16c4 cdc0 9345 ef62 c5f5 ae17 69e8 8e30
5e06 8638 e565 29d4 cc0c 3029 e4e4 52d1 1dba 9f5c
fed4 259d b276 6bb6 e274 a4e0 8ce3 2dc7 540d 0b2c
e071 65b0 c675 041d 886b 7a17 0f1e dd4b ed59 6fa4
5582 8afe ea68 5dc8 4af2 4db4 0b9c 5b83 cd80 ae53
6b09 231c 5693 66a0 bca0 2700 d247 b6c9 3099 b8f7
8423 bc46 25f2 ae64 d937 a77e 4a71 c9d0 d03c 6c8c
74b2 d54a ec34 5839 5038 ada7 2bf8 1f23 dc45 80c9
e480 72d2 f51d a40b a85b c610 8ce4 31a9 f714 8721
2be0 fbd6 4bb2 a676 87f0 ce2b 3782 c782 0f02 4203
a399 6487 5864 e876 c79e e6e6 f1ed df10 9ff8 02c8
7b40 e244 f5bf a543 fcf3 b648 3ef6 d296 5e2a e591
686f 4b6e 4f57 b192 7320 3885

18344/16273/14434 kHz, 13-03, 1100/1110/1120 UTC

Block No 0 : Total Message Size 39 blocks : This transmission contains one message.

Block No 1 : Link ID 36882 : 11th of month : Msg Number 112 : Msg Type 07145 : Group Count (?) 2
01564 13688 60304 07820 31234 39052 46977 00148

18344/16273/14434 kHz, 19-03, 1100/1110/1120 UTC

Block No 0 : Total Message Size 27 blocks : This transmission contains one message.

Block No 1 : Link ID 36882 : 18th of month : Msg Number 115 : Msg Type 07145 : Group Count (?) 176
21600 13208 61429 07037 28573 01780 24862 52333

18344/16273/14434 kHz, 20-03, 1100/1110/1120 UTC

Block No 0 : Total Message Size 27 blocks : This transmission contains one message.

Block No 1 : Link ID 36882 : 18th of month : Msg Number 115 : Msg Type 07145 : Group Count (?) 176
21600 13208 61429 07037 28573 01780 24862 52333

18344/16273/14434 kHz, 26-03, 1100/1110/1120 UTC

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

Block No 1 : Link ID 36882 : 26th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
35269 00000 00000 02172 34728 36060 00893 17074

10643/8051/6924 kHz, 15-03, 2300/2310/2320 UTC.

13419/11133 kHz, 18-03, 0610/0620 UTC

Block No 0 : Total Message Size 93 blocks : This transmission contains one message.

Block No 1 : Link ID 40988 : 15th of month : Msg Number 165 : Msg Type 07145 : Group Count (?) 133

20132 40371 37468 28469 22585 09397 44212 36789

[Link ID 40988, Date 15th, Serial #66]

1be9 a01c 4ea4 96a5 85f7

925c 9db3 aec5 7e08 95ea ac71 24ea 12f6 4494 1493
7bf8 8776 9f40 d628 c3ec b331 9295 d125 fe3c 4a56
1866 91a4 bc28 1a9d 2a33 12dc 865c 8654 0e19 82a3
b55c 64ac 929e 19df 60df 058a 2579 b757 2dd1 2539
de7b ada4 b8f9 b5e0 6730 025e 69e1 e238 6f48 25dd
e617 8906 2940 e117 c20b 1380 8c3c f8d9 e649 1841
de75 0e43 d60a 8a72 09a3 ae7b 3ea5 2823 8474 f19e
62a0 5b68 9334 e1bd 9074 72b0 b1d8 a5c6 46f6 090c
2767 257b 112b 0262 5c7d bd87 ebfc acd8 2d28 a197
9908 483c ca94 b898 7883 e224 6d73 9eea 2b2d 3be5
7cb7 6bcc fd64 bd74 7706 ecf8 1fe3 ee4b 5f7e 363a
7266 2668 ad67 d237 543e 4a35 0668 7735 c053 baa0
a937 3c10 2cc1 144e dfb3 29b9 d61b 5229 5179 f708
830b 987d 23a8 d1a7 8811 1f72 1b2b 7678 51db c97c
49f6 5502 1166 9b31 8bd8 a988 6fd5 65dc be07 3578
fc4c e444 a882 847d b0d4 d4e6 7a94 cbbc 93e4 fe57
5a9a 101d f092 d533 0d9a 7286 7f11 01a3 9cb1 aed4
3ec3 6b67 9afe 84bf a6e6 62b6 c8f5 0b91 21fa b16f
d59f 4a60 01c3 38e9 4a27 6ae4 b6be 67c7 2110 9c80
1400 47b9 466f ec13 e07c 4ee7 aae7 1c81 bad8 2f9f
9ee0 40af 8147 0374 9b60 ea8d 2547 9eb0 b185 2c75
b785 0c58 2754 f190 4ad7 857e 622b 5dd6 6784 9e57
2578 2039 572e 2e6e 8970 59c8 cbce eb72 78e4 ab84
b181 acfb 4875 aeab 2b63 1d70 1017 cebd 53f9 01a7
df3e 42be dbf3 4df5 fb8a 35e4 4224 4a5e 20fb cef1
bb62 06b4 0422 1482 38e6 8d6b 3212 ccdd 30bb c32b
31e3 b20f c045 35a7 4c05 6967 4adc 6487 c185 249f
95a6 9f47 81e7 0485 b5b8 e933 0dad 4689 d2dc e6e6
14a3 7233 7964 0c77 e7d5 dcc7 176a 3640 2338 3f9f
ff70 251a 5977 379f 1986 f483 6a00 d309 25ac f469
a9bd f3d9 9341 7adc 1421 60e8 0053 0e3b dc76 0de6
92e4 a144 9c24 4424 bd66 7b58 5465 3e54 6a4e 859d
caab 2a84 c0f2 9d21 bab6 88ce 7498 e028 7939 82ae
a311 1f0f e550 1907 3aa6 8162 9bbc 6ab9 6c11 8423
26cd 23dc 0b14 14c4 f455 cf5a 5206 8345 247f f7a5
6df5 ae09 6633 4533 a762 a633 4fd1 b6e6 ef88 a638
65ee 08c6 97c4 7b19 2684 acf5 de4b 36fd ff56 07b8
9a84 88b3 4242 946a 26cd e320 1aeb a2da c9dc 1307
4ae9 ba78 0a11 36a6 8f3e f75d e3d0 785a e0e8 075d
6f40 3a65 a859 cb94 4270 3a63 e5c8 8158 721b d0b7
0b54 3126 1e01 0986 2b7f 75db 5240 9f55 7579 8b20
a417 41bf b68d 133a 0279 eed3 406f 80c4 8c76 75c2
957c 6102 004f 6f42 155e 2134 2f6d 6274 93f2 d956
1d25 a304 a103 09d5 96b2 8235 43de 1529 9d8b dd59
5ea6 e384 5c50 d7ca 4a40 dbd6 7fa0 de0c 0b2d a474
9f91 1461 dc30 3724 639e 1109 9c91 ee9c f2f3 6334
bc77 b0c0 dca0 b8f1 6714 d3b5 6f48 1c07 7a8e 1dfe
4410 73f4 f44d b3c7 21ba 59e7 1802 ef98 d61f 2725
1e6e dd8c 1cf6 daad 20f4 e57e 7efc a2db 4dbf d0e9

c953 30d0 9ae5 125e c6ec 9cc8 a402 9655 3759 e5db
66d4 e4d9 3624 3623 312c c438 3185 1aab e620 95cf
cd48 5ac9 8096 725e a42a b3e2 3030 399e 34a7 b930
17c8 64ae feb0 a041 3f2b cec3 3ce6 e791 c859 3d5e
9f7c ae21 774f cb80 a799 e20c 8668 0af3 02ba 8f73
2f24 0efd 3dba 0ab7 70ed 06ac 760f ec71 acd5 0805
ae54 aee5 4e74 a8ce f645 2f86 00cc 6643 8aa6 6277
f70e 9b04 a2f0 b295 229d 9850 c692 6d9e 8e17 65c9
9d16 da78 a4a4 e045 b082 3dd7 759f 5760 ac6a 3d6b
b21c 81a4 2e72 0656 c678 a17e b9f3 6b6c 16d7 8890
8c9e 0ca8 2a0c

10643/8051/6924 kHz, 22-03, 2300/2310/2320 UTC.

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 40988 : 22nd of month : Msg Number 167 : Msg Type 07145 : Group Count (?) 4
03736 00000 00000 03759 06549 33425 00893 14978

10643/8051/6924 kHz, 29-03, 2300/2310/2320 UTC.

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 40988 : 29th of month : Msg Number 167 : Msg Type 07145 : Group Count (?) 4
62701 00000 00000 00179 19784 35613 00893 02915

Link 41022/41023

19825/17451/15883 kHz, 01-03, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 41022 : 1st of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 03827 50730 36001 00893 14501

19825/17451/15883 kHz, 02-03, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 41022 : 2nd of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
21036 00000 00000 02265 61509 32996 00893 53723

19825/17451/15883 kHz, 03-03, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 41022 : 3rd of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
27316 00000 00000 03929 60845 34664 00893 13194

19825/17451/15883 kHz, 04-03, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 41022 : 4th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 01028 50730 36459 00893 17086

19825/17451/15883 kHz, 05-03, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 41022 : 5th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
34156 00000 00000 01803 50730 33155 00893 06603

19825/17451/15883 kHz, 06-03, 1420/1430/1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 17356 : Corrupt Date : Msg Number 008 : Msg Type 07145 : Group Count (?) 4
29216 00000 00000 02228 10223 01051 08183 53785

15883 kHz, 07-03, 1440 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 41022 : 7th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
43904 00000 00000 01397 50730 35274 00893 33461

19825/17451/15883 kHz, 09-03, 1420/1430/1440 UTC

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

Block No 1 : Link ID 41022 : 9th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
34156 00000 00000 01483 50730 34525 00893 17990

19825/17451/15883 kHz, 10-03, 1420/1430/1440 UTC

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

Block No 1 : Link ID 41022 : 10th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
63124 00000 00000 01142 53647 34513 00893 21521

Link 45057

18948/16223/14639 kHz, 12-03, 1000/1010/1020 UTC

Block No 0 : Total Message Size 10 blocks : This transmission contains one message.

Block No 1 : Link ID 45057 : 11th of month : Msg Number 203 : Msg Type 07145 : Group Count (?) 81
15768 52388 06404 24370 42506 39634 34616 22548

[Link ID 45057, Date 11th, Serial #81]

1be9 b001 3d98 6eca 51f2
1904 cca0 3349 c637 3578 ef3e 1c16 3693 bb18 99ab
8f0d eafc 923e c3b8 9a66 bb85 01ab 266f b117 22cb
f18f 3b36 d437 2bc3 339a 19a8 94a2 349e b7dc 80d6
5852 db47 455e ec7f e6eb 9e70 f297 d141 e780 f22c
8e09 208b 5250 7c49 a94c 345a b902 4d5e dea2 69e9
c825 8721 d1bc e023 7a8d 748c 2769 31e4 af26 8070
f633 c68b 42e0 07dc 38f6 29b4 05dc 9e96 ffde 0ee2
3975 aa15 6106 be10

18948/16223/14639 kHz, 13-03, 1000/1010/1020 UTC

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

Block No 1 : Link ID 45057 : 11th of month : Msg Number 202 : Msg Type 07145 : Group Count (?) 81
15768 52384 06404 24370 44730 35578 49976 26676

18948/16223/14639 kHz, 26-03/27-03, 1000/1010/1020 UTC

Block No 0 : Total Message Size 10 blocks : This transmission contains 0 messages.

Block No 1 : Link ID 45057 : 11th of month : Msg Number 202 : Msg Type 07145 : Group Count (?) 81
15768 52384 06404 24370 44730 35578 49976 26676

1be9 b001 3d98 6eca 51f2
1904 cca0 3349 c637 3578 ef3e 1c16 3693 bb18 99ab
8f0d eafc 923e c3b8 9a66 bb85 01ab 266f b117 22cb
f18f 3b36 d437 2bc3 339a 19a8 94a2 349e b7dc 80d6
5852 db47 455e ec7f e6eb 9e70 f297 d141 e780 f22c
8e09 208b 5250 7c49 a94c 345a b902 4d5e dea2 69e9
c825 8721 d1bc e023 7a8d 748c 2769 31e4 af26 8070
f633 c68b 42e0 07dc 38f6 29b4 05dc 9e96 ffde 0ee2
3975 aa15 6106 be10

Link 45075

18431/16278/14423 kHz, 02-03, 0800/0810/0820 UTC

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

Block No 1 : Link ID 45075 : 2nd of month : Msg Number 187 : Msg Type 07145 : Group Count (?) 4
18132 00000 00000 02469 21930 36142 00893 26180

18431/16278/14423 kHz, 09-03, 0800/0810/0820 UTC

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

Block No 1 : Link ID 45075 : 9th of month : Msg Number 117 : Msg Type 07145 : Group Count (?) 4
61292 00000 00000 03158 09055 35726 00893 21736

18431/16278/14423 kHz, 16-03, 0800/0810/0820 UTC

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

Block No 1 : Link ID 45075 : 16th of month : Msg Number 007 : Msg Type 07145 : Group Count (?) 5
61292 00000 00000 02489 09055 35545 03007 02755

18431/16278/14423 kHz, 23-03, 0800/0810/0820 UTC

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

Block No 1 : Link ID 45075 : 23rd of month : Msg Number 127 : Msg Type 07145 : Group Count (?) 4
46140 00000 00000 01611 21930 33141 00893 33229

18431/16278/14423 kHz, 30-03, 0800/0810/0820 UTC

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

Block No 1 : Link ID 45075 : 30th of month : Msg Number 022 : Msg Type 07145 : Group Count (?) 4
19177 00000 00000 03004 21930 36451 00893 05059

Link 45079

10429/8137/5946 kHz, 21-03, 0500/0510/0520 UTC. A VERY long message

10164/8076/6769 kHz, 23-03, 2200/2210/2220 UTC

Block No 0 : Total Message Size 32 blocks : This transmission contains one message.

Block No 1 : Link ID 45079 : 18th of month : Msg Number 030 : Msg Type 07145 : Group Count (?) 122
57500 18968 42331 04062 42071 17355 21124 26233

1be9 b017 e09c b41e 7ae9
a55b 4a18 cc57 09bb b71b 067e 2517 e862 dcd3 abce
6319 07bd 92d3 7138 8ab5 2040 60cf 5702 b633 6146
05b5 5762 f565 e693 5942 721a 72bf 0772 b2d4 6211
3981 68fc 4188 18b6 28d6 fda1 6f14 7fec c1a9 0f1a
4355 60f3 54f2 2c28 d7d8 4dc8 0ad0 1e5b c7e2 fc74
3826 f5e4 274f 5702 2314 0354 8c17 5355 994c 6c27
5c44 d246 9958 7e43 2d53 0301 2bdf a644 84e0 9ac4
7a6e 65e5 b77a d11f c95d e5d2 b124 ea77 6303 b1ab
48fe 50b9 5643 0b8b 3dec e1e7 0fbd 5ab0 19e0 f567
8a7b aee0 a054 5914 9d15 47f0 19e4 2f65 2c53 2201
589e 440d 7381 28b1 55a7 12ec 7119 ca1a 98cd 1586
74d2 6b78 49d7 e3b6 3afc d330 eb7c 9205 3e82 8188
dd33 8a9f 2bd5 10c9 85be 6138 2f29 e3d4 bcb1 8040
d3cd a0b3 0def d988 77e6 a1ca ea7f bd8b 702f a0f6
07e6 2919 deda 6f60 e4bb 3f59 4e72 967b 9e97 1f1d
bd87 1e32 0700 b1e8 a69d 4fb1 dd11 be67 6476 7a63
b8b0 360a a8b5 ab2e 701b ee81 63c1 a911 45f0 23e1
86d1 03bd 7325 a2c8 0af4 4cf2 d628 bb03 6ad7 fd7d
8db1 b839 8ef1 b186 86b4 156f 25ae d5a3 0260 b105
4869 7b36 64f8 e4fa 5d07 0fd2 6db5 b725 2e8d bddf
271f 01c7 d9e7 455b bce8 3163 e4ac 4637 895c e172
f626 dcb4 0f81 5b17 838a 9def 51d7 19a3 bce2 bda9
32d6 ed1b 03f4 608d 54cf 91d4 f51b 335a 651e bc8e
b48a b83a 9538 b40b eab9 a025 8098 f39b b698 fd22
0ccb 3de6 a712 be42 dc6b de9e 6a37 82f1 4e50 9233
1d33 4bb3 e4dc c962 1ed0 158b 417a 5cc4 e438 8def
8398 7208 35d8 d1b8 96e7 571d afc6 2484 05b3 6331
2296 a804 becb 0fec 9239 d5eb 555b a180 9632 7801
9324 ec09 58cf 8914 fb52 4f45 2dd8 2c08 f7d9 ed8b
89ab 5cf0 59a1 0d5d ca4c c028 356c 0adf ddb5 bda9
7573 2047 a8d9 c088 01bb 1489 5481 8252 c7e8 3777
c754 5513 0500 2f03 dd53 c822 16e6 de9e e2e0 e2c7
dd87 df8c 653b 42c2 40ee 1719 c29a fe8b a4d5 ef5c
cf48 358e da86 1f06 39b1 d7b3 90ec 2585 9051 a393
b179 c61b ca59 08a3 b091 f672 3f95 7666 1cf5 7e3c
940e b7b5 ea28 db33 d0da 9c3f ae88 5318 8cc4 60e2

7b0f 2dfe d0b8 d315 d62c c292 7200 04f2 2699 c004
db48 91d8 2fd6 d0d3 2668 0016 75bc e6e4 ca4c 3890
656a 6059 3268 ebbf 21ec c2fb 8c36 ccd7 9873 d96a
45e0 c9e3 bd31 9f96 6d4d 0100 226e d216 9b9e 6483
b5d4 1b6b edd3 577e 8835 3154 52ef d8d7 c61f 20cb
76d7 4170 54d2 34da 38b4 274f 7e8c 83ff c8a6 6535
21e2 8c10 b5dc 7cdf be5d 55ee db16 e96b d6e7 1174
f2bc 2dd4 5da9 dee4 a235 72c3 cfa1 b5fc 6572 ba96
3ef9 6d01 01c5 1d9d 04bd ddd5 1e5f d210 62c5 2537
b6bc 7359 c7d8 9d8b 1093 7aa8 f222 8746 46cb f4a4
86e3 cc82 663e 58c8 dac9 f18c ed56 7547 712c 5d0f
3566 1639 23c2 9d17 8a03 65d7 57bf 2063 97ab 864d
8cb6 7a06 5300 c3dc e822 5b3c 3a63 c2d7 ae97 b01e
080c 6fd4 86dd cdeb 56c6 61a8 9dbd 60ce c1c7 78a6
d67a 6f8f c788 32e3 9428 b004 9180 d533 9ccc 215f
300d 50e4 a3b4 9a83 0223 a35e 703c 1bd4 356b 0281
2ffa 4188 41fd f8ca 9792 5d8d 6d24 62b2 b2bf 1f0b
cee5 19db acd0 8608 3a74 234d a63b 03c9 ce6a 4f91
2a00 61e7 c8e7 2a47 58bb 02af ea6c b159 caca a9f8
e1c3 731d 7b44 a85e 1f32 b487 8f49 2a15 bd68 ad63
badf c7d9 167b ab0e 4d2a da5a 0302 cbc9 8ee5 9399
b3d1 fe5d 7d55 b37a c2e7 65f0 8b3a 4361 b436 3427
9990 33b8 8252 a199 31dd bc47 13a6 1072 c514 bc05
1ea8 0f1d 7449 bac2 3a81 a721 3082 b859 4f43 b3de
b4be 5d76 5480 8693 00ce e08a 29fb 72f8 ecaf 6d90
6d88 3d56 b031 da16 d139 e262 6f6a c644 da57 4355
28cc de9b 97ba 45c3 ede9 3d54 30f6 39ff 97e6 33b6
6ebc 78c8 f74f 96ac d03a 495c c376 1785 5561 3a1f
3c4e b3c9 45ae 2145 b95f e826 5054 a413 cd30 33aa
6fcc 8816 6ee4 2f9e c6ba c318 7d75 907b da4d 7199
1760 4bc2 f23e b860 8431 6c00 25c4 84b9 7766 db6f
cd07 3771 4d45 13d4 eac4 55bc d025 2fc5 1583 ccd2
5e44 43c8 eca9 c0ee 3441 ca14 9531 6024 b1ba e01a
ef88 85b1 6add e169 3270 09f5 2c71 b1d2 e0bd 96ca
fd4a 2396 8d39 7be0 c93a 34a4 ba7e b081 3543 203d
3dea 2e99 6878 5ea7 d468 cec7 43c8 4d8e 0011 f5a9
e9a4 1914 1055 653a 84c7 7d1b 0c54 8b1b 39b5 68b0
d345 627b 0ae2 5540 88b0 75c6 53c7 d02e b3b9 f3a6
dc80 8119 3aa7 ab10 e1d2 8a39 79b1 46e8 e2f8 e554
97c8 4dd6 8391 5b1c 5d4b acd4 eac7 0de3 640c 0c9d
e9ca a784 245f d6d9 6930 2be6 78d9 2a1e 99ec a2f3
3883 ae76 69d3 2a48 f540 891f 877e 12c1 2f51 ae75
4b1a 42e2 ede9 51a6 c6f6 e346 b6a1 910d d44f 4554
771b c9d4 58f7 ab56 d58a e8f5 0840 5ca6 c062 e5b4
ebe5 2a8c b5b3 5b24 9356 699d 3261 8564 caca e78d
a73e 2ab9 69f3 6fc6 0be2 9c9f 36a0 fa34 dc81 b762
0f07 d9c8 ec77 5f2d 850c 2fb1 e879 fe44 f42f 39d1
98a5 da35 d014 aa95 7dd1 9a2c 372b 378f b698 08a9
7065 7b10 6c19 6aaf 0aca 1353 4877 360e efc5 4a66
5eb2 7bbc f412 67b9 077f 5d43 584a 309a 4889 164e
bce0 964d 9c50 3c23 d53c 2e91 0961 a802 ea6b 6b61
77af 04e8 7e5d a5d9 f650 cdf3 4307 c000 5c80 3c4e
d7d0 a324 af69 2ca1 f3e7 f2f7 0d3d 7db2 7b3d 5225
11f0 6095 79f8 d318 1592 a288 4981 2104 273c db32
4947 8052 9154 7a98 20a5 5562 5811 bbcb 9c56 3903
d192 7961 9563 8d56 d1f1 9689 a6a0 2646 c825 54a8
0049 33f1 093c 9171 10d4 3e41 b279 db8c 6f59 aa30
7fdf e670 2262 34b7 3047 4448 4623 1cc1 e85b 5c98
84f7 1f09 ae2e 8016 12a3 83ba ace1 4e18 8733 27ba
286e 5976 e1fe 0088 109f def6 448d 3751 3908 4a91

eea7 f1cf f675 323d 1052 eb05 925b 26f9 aef9 50cc
2e30 7220 944f 942a 4203 f82d 942c f01b daa8 b1ae
f1d8 6ca9 406a d984 8092 6b2f de05 3ab1 8b49 5560
182d fe97 4e28 6448 bdfb 9483 3cfa 5071 ad4b 6737
db87 3689 a0b5 bcd2 34f5 927a 6319 e397 cfc4 8357
bd1a 05ca 9b01 a3f7 b5ad c084 bae5 6436 3e0d 4df4
8362 be2d 6078 b3d1 28c2 9960 a38d 27b8 7678 2138
abd1 1c07 8000

Link 45114 / 45115

17437/15833/13515 kHz, 12-03, 0900/0910/0920 UTC

[Link ID 45114, Date 11th, Serial #27]

1be9 b03a f1ac 6e43 3cf7
d75e 0e67 c015 b8cb 5068 6399 9307 0b0a f2a2 9000
1777 7635 11d4 0386 6366 6f71 7ead cf31 8ae0 35b4
a720 8a90 4358 e4c9 d820 3181 012e c6cc 6403 9118
a2cb 8b26 164a af60 ccf0 b9db 85e2 b4c5 1ec4 ca57
7a0a ecf5 9f1f 5743 a775 2f48 5362 f34e e48e 8c68
83d6 adc0 a2ee 0b07 2000

17437/15833/13515 kHz, 13-03, 0900/0910/0920 UTC

Block No 0 : Total Message Size 11 blocks : This transmission contains one message.

Block No 1 : Link ID 45114 : 11th of month : Msg Number 067 : Msg Type 07145 : Group Count (?) 60
61868 03687 55134 40586 56490 33068 53638 40561

17437/15833/13515 kHz, 26-03/27-03, 0900/0910/0920 UTC

Block No 0 : Total Message Size 13 blocks : This transmission contains one message.

Block No 1 : Link ID 45114 : 23rd of month : Msg Number 070 : Msg Type 07145 : Group Count (?) 78
23976 05607 25875 39726 56490 02530 57365 55026

1be9 b03a 5da8 e646 4ef9
6513 15e7 bb15 b8e0 9518 7799 cb07 08ae b2b4 9032
1774 c600 e412 39a4 d28c 3ab3 79c4 6b9d c8e9 8c44
b629 1351 4af8 83a3 0429 20b1 5298 b3cb 62bc 0377
2bc7 8e62 abe4 0fae 6930 6df6 1df8 4853 4600 2d76
1136 0338 147e 29b9 197b e7cd 27ee 9983 2b5c 613c
9971 4509 4473 c1df 4ee2 05ba f9a5 e2e3 7348 4ddf
b138 5a63 b9ae 5edc 8867 4c5b af69 27f1 d1e0 ec84
04c0

Link 45136 / 45137

10671/8093/6879 kHz, 01-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 01-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 67 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45136 : 29th of month : Msg Number 142 : Msg Type 07145 : Group Count (?) 161
06889 50871 24135 29859 58024 35306 40693 51964

10671/8093/6879 kHz, 02-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 02-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 38 blocks : This transmission contains one message.

Block No 1 : Link ID 45136 : 1st of month : Msg Number 147 : Msg Type 07145 : Group Count (?) 249
17896 46003 37405 16984 55182 34414 12388 04354

10671/8093/6879 kHz, 03-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 03-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 66 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45137 : 2nd of month : Msg Number 150 : Msg Type 07145 : Group Count (?) 233
20320 62019 30585 36632 07583 03618 65143 23615

10671/8093/6879 kHz, 04-03, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45136 : 4th of month : Msg Number 037 : Msg Type 07145 : Group Count (?) 4
39632 00000 00000 02585 55182 36083 00893 15628

10671/8093/6879 kHz, 07-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 07-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 37 blocks : This transmission contains one message.

Block No 1 : Link ID 45136 : 4th of month : Msg Number 155 : Msg Type 07145 : Group Count (?) 245
34832 16688 23454 13673 58024 01930 49497 40991

10671/8093/6879 kHz, 08-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 08-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 66 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45137 : 4th of month : Msg Number 157 : Msg Type 07145 : Group Count (?) 193
24040 59237 50311 10649 01150 34612 32436 64509

10671/8093/6879 kHz, 09-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 09-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 36 blocks : This transmission contains one message.

Block No 1 : Link ID 45136 : 5th of month : Msg Number 162 : Msg Type 07145 : Group Count (?) 231
06888 03302 35799 37839 58024 34508 59329 59659

11428/8026/6884 kHz, 10-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 61 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45136 : 9th of month : Msg Number 165 : Msg Type 07145 : Group Count (?) 183
02272 54452 26784 34041 58024 00324 36120 25470

10671/8093/6879 kHz, 11-03, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45136 : 11th of month : Msg Number 052 : Msg Type 07145 : Group Count (?) 4
57836 00000 00000 02865 65099 33811 00893 08554

10671/8093/6879 kHz, 14-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 14-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 32 blocks : This transmission contains one message.

Block No 1 : Link ID 45137 : 12th of month : Msg Number 170 : Msg Type 07145 : Group Count (?) 215
26692 49782 08020 17841 07583 02211 16279 62801

10671/8093/6879 kHz, 15-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 15-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 47 blocks : This transmission contains 0 messages.

Block No 1 : Link ID 45136 : 14th of month : Msg Number 172 : Msg Type 07145 : Group Count (?) 133
32540 45460 16622 32619 55182 36085 49795 09566

10671/8093/6879 kHz, 16-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 16-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 43 blocks : This transmission contains one message.

Block No 1 : Link ID 45137 : 15th of month : Msg Number 177 : Msg Type 07145 : Group Count (?) 33
40120 52457 17314 09975 01146 37092 04139 09733

10671/8093/6879 kHz, 17-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 17-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 47 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45136 : 16th of month : Msg Number 180 : Msg Type 07145 : Group Count (?) 189
58136 05161 18369 04961 65099 02408 61088 18532

10671/8093/6879 kHz, 18-03, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45137 : 18th of month : Msg Number 092 : Msg Type 07145 : Group Count (?) 5
00496 00000 00000 03777 01146 34175 03007 61258

10671/8093/6879 kHz, 21-03, 0700/0710/0720 UTC

Block No 0 : Total Message Size 34 blocks : This transmission contains one message.

Block No 1 : Link ID 45136 : 18th of month : Msg Number 185 : Msg Type 07145 : Group Count (?) 223
33560 24054 54959 28801 58024 00479 07463 37635

10671/8093/6879 kHz, 22-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 22-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 51 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45136 : 21st of month : Msg Number 187 : Msg Type 07145 : Group Count (?) 173
59828 04932 27006 02471 58024 35049 50274 10173

10671/8093/6879 kHz, 23-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 23-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 41 blocks : This transmission contains one message.

Block No 1 : Link ID 45136 : 22nd of month : Msg Number 192 : Msg Type 07145 : Group Count (?) 17
20332 02647 08602 12359 55182 40853 37589 60371

10671/8093/6879 kHz, 24-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 24-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 60 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45137 : 23rd of month : Msg Number 195 : Msg Type 07145 : Group Count (?) 37
45568 10738 28457 37154 01146 05756 44435 07667

10671/8093/6879 kHz, 25-03, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45137 : 25th of month : Msg Number 067 : Msg Type 07145 : Group Count (?) 4
00496 00000 00000 00395 01146 33112 00893 52186

10671/8093/6879 kHz, 28-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 28-03, 1200/1210/1220 UTC

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

Block No 1 : Link ID 45136 : 25th of month : Msg Number 200 : Msg Type 07145 : Group Count (?) 27
52716 29232 29628 05028 58024 06112 57659 20450

11428/8026/6884 kHz, 29-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 51 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45136 : 28th of month : Msg Number 202 : Msg Type 07145 : Group Count (?) 159
17941 54882 07696 22910 55182 32805 40267 53723

10671/8093/6879 kHz, 30-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 30-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 45 blocks : This transmission contains one message.

Block No 1 : Link ID 45137 : 29th of month : Msg Number 207 : Msg Type 07145 : Group Count (?) 45
34281 15252 03810 30956 01146 38885 63327 33151

10671/8093/6879 kHz, 31-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 31-03, 1200/1210/1220 UTC

Block No 0 : Total Message Size 50 blocks : This transmission contains 2 messages.

Block No 1 : Link ID 45137 : 30th of month : Msg Number 210 : Msg Type 07145 : Group Count (?) 123

22421 47497 39170 17597 01146 00858 52727 41282

Link 49202

20961/18553/16264 kHz, 02-03, 1000/1010/1020 UTC

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

Block No 1 : Link ID 49202 : 2nd of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4

35268 00000 00000 01434 34046 34058 00893 37143

20961/18553/16264 kHz, 09-03, 1000/1010/1020 UTC

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

Block No 1 : Link ID 49202 : 9th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4

22796 00000 00000 00582 28271 33505 00893 58563

18553/16264 kHz, 16-03, 1010/1020 UTC

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

Block No 1 : Link ID 49202 : 16th of month : Msg Number 110 : Msg Type 07145 : Group Count (?) 4

32564 00000 00000 03785 28271 01233 00893 56456

20961/18553/16264 kHz, 23-03, 1000/1010/1020 UTC

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

Block No 1 : Link ID 49202 : 23rd of month : Msg Number 110 : Msg Type 07145 : Group Count (?) 4

29932 00000 00000 02571 44300 02343 00893 32457

20961/18553/16264 kHz, 30-03, 1000/1010/1020 UTC

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

Block No 1 : Link ID 49202 : 30th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4

50629 00000 00000 01554 34046 35273 00893 57219

Link 49237

17468/15859/13471 kHz, 03-03, 1330/1340/1350 UTC

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

Block No 1 : Link ID 49237 : 3rd of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4

30920 00000 00000 03001 39258 33284 00893 06953

17468/15859/13471 kHz, 10-03, 1330/1340/1350 UTC

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

Block No 1 : Link ID 49237 : 10th of month : Msg Number 052 : Msg Type 07145 : Group Count (?) 4

30540 00000 00000 01390 44260 34518 00893 20398

17468/15859/13471 kHz, 17-03, 1330/1340/1350 UTC

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

Block No 1 : Link ID 49237 : 17th of month : Msg Number 117 : Msg Type 07145 : Group Count (?) 4

44856 00000 00000 03440 44260 34374 00893 36640

17468/15859/13471 kHz, 24-03, 1330/1340/1350 UTC. Note: Corrupt date in all repeats

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

Block No 1 : Link ID 49237 : Corrupt Date : Msg Number 132 : Msg Type 07145 : Group Count (?) 4

38244 00000 00000 04032 58545 35715 00893 05607

17468/15859/13471 kHz, 31-03, 1330/1340/1350 UTC. Note: Corrupt date in all repeats

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

Block No 1 : Link ID 49237 : 31st of month : Msg Number 170 : Msg Type 07145 : Group Count (?) 4
52337 00000 00000 01691 44260 02926 00893 16641

Link 53277

18563/16314/14723 kHz, 02-03, 1230/1240/1250 UTC

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

Block No 1 : Link ID 53277 : 2nd of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
63124 00000 00000 02877 19866 36210 00893 35953

X06 - Mazielka

Code	Freq	Date	UTC	Day	Sequence	Code	Freq	Date	UTC	Day	Sequence
X06	13524	1-3	0758	Tue	Sequence: 125643	X06	13420	22-3	0804	Tue	Sequence: 534216
X06	14942	1-3	1300	Tue	Sequence: 325614	X06	16257	22-3	0810	Tue	Sequence: 542136
X06b	16138	1-3	1403	Tue	Sequence: 1--6--	X06	16257	22-3	0814	Tue	Sequence: 542136
X06b	16138	1-3	1406	Tue	Sequence: 1--6--	X06	16257	22-3	0817	Tue	Sequence: 542136
X06	10684	2-3	0730	Wed	Sequence: 256341	X06	13510	22-3	0818	Tue	Sequence: 612534
X06	16219	4-3	0920	Fri	Sequence: 324615	X06	16317	22-3	1029	Tue	Sequence: 612534
X06	20837	4-3	0934	Fri	Sequence: 645321	X06	16317	22-3	1033	Tue	Sequence: 612534
X06	12215	4-3	1004	Fri	Sequence: 361245	X06	18177	23-3	0800	Wed	Sequence: 164253
X06	16116	9-3	0830	Wed	Sequence: 134265	X06	11153	23-3	0904	Wed	Sequence: 465132
X06	10214	10-3	1520	Thu	Sequence: 263145	X06	16116	23-3	0932	Wed	Sequence: 134265
X06	10214	10-3	1523	Thu	Sequence: 263145	X06	14419	24-3	0757	Thu	Sequence: 521634
X06	10214	10-3	1523	Thu	Sequence: 263145	X06	16153	24-3	0806	Thu	Sequence: 153624
X06	10535	10-3	1630	Thu	Sequence: 564213	X06	13506	24-3	0944	Thu	Sequence: 164532
X06	12118	11-3	1736	Fri	Sequence: 325614	X06	13506	24-3	0948	Thu	Sequence: 164532
X06b	16138	13-3	1401	Sun	Sequence: 1--6--	X06	10535	24-3	1608	Thu	Sequence: 564213
X06b	13438	13-3	1402	Sun	Sequence: 1--6--	X06	19611	25-3	0950	Fri	Sequence: 256134
X06b	14438	13-3	1403	Sun	Sequence: 1--6--	X06	14947	27-3	0845	Sun	Sequence: 351264
X06	16219	18-3	0951	Fri	Sequence: 324615	X06	10115	27-3	1747	Sun	Sequence: 145632
X06	12215	18-3	1016	Fri	Sequence: 361245	X06	13423	28-3	0820	Mon	Sequence: 421635
X06	18750	21-3	0746	Mon	Sequence: 641523	X06	14683	28-3	1316	Mon	Sequence: 364152



XPA

9362/8062/7462 kHz, 01-03, 1900/1920/1940 UTC

304 304 304 000

03484 00001 00000 10140

11409/13509/14609 kHz, 02-03, 0700/0720/0740 UTC

456 456 456 000

05518 00001 00000 10140

9362/8062/7462 kHz, 03-03, 1900/1920/1940 UTC

304 304 304 000
02586 00001 00000 10140

11409/13509/14609 kHz, 05-03, 0700/0720/0740 UTC

456 456 456 000
03787 00001 00000 10140

9362/8062/7462 kHz, 08-03/10-03, 1900/1920/1940 UTC

304 304 304 1 304 304 304 1 304 304 304 1
02297 00225 66594 36159 43661 97006 42292 22046 45896 36938
96737 96165 22282 33137 42144 51325 96154 31109 25202 05496
32940 87183 67915 89777 93251 32355 10368 17620 52390 69504
89768 88159 99206 12338 45124 02084 53505 67454 93787 14745
74522 10480 19881 50847 34828 57996 00237 77822 74464 43591
07132 46381 15116 52438 15301 49252 21712 89179 51874 14860
94216 76248 85833 52128 95349 88630 60780 68291 76578 72777
51182 65398 16360 92067 44836 85893 01643 47635 87832 89341
29844 53457 03231 06357 79714 77298 03000 23325 51588 65698
04399 02654 72168 03781 78188 98162 19269 08832 77548 40837
97610 33798 88003 84789 97269 54884 41692 64375 02222 41082
90844 19128 73532 29597 21165 99282 72009 03592 68556 49321
62883 49553 16935 88345 17747 74768 37167 32487 15650 82623
73889 44436 30351 11946 86697 37691 52000 89008 50966 73982
21559 81270 91500 43482 16525 20132 36077 65523 33600 25581
34638 47531 80763 01934 98485 71155 08698 88114 58218 64199
73716 56382 18498 88002 43645 78813 19907 45247 65520 20074
78768 56180 02942 55969 41469 93748 02231 55658 04006 60363
55723 19889 98892 07546 98119 26690 17281 37924 22798 35147
63701 78457 49153 46174 48354 69671 72993 83594 56191 83185
66341 56914 90732 60934 76737 60367 65544 55120 91176 50034
57610 94303 71027 98739 00093 29408 24412 71759 01264 46840
21251 71823 88942 70567 30546 61599 79053 33704

11409/13509/14609 kHz, 09-03/12-03, 0700/0720/0740 UTC

456 456 456 1 456 456 456 1 456 456 456 1
02379 00187 48158 44982 81575 51330 19238 20945 55114 20261
95071 98368 63699 97261 53773 84393 90489 99174 50833 73299
34946 84002 71840 09425 13709 61522 44394 99772 64110 50320
08397 60103 03070 12464 66091 50769 17634 87422 08082 98913
18109 44140 23315 15623 82923 32915 12596 37761 02623 64806
60881 72819 91256 23071 17607 68992 35116 04148 70785 36425
58024 68918 01496 73457 99754 69434 85276 26736 35350 25088
46142 63228 08355 09168 89928 98760 99060 03274 95464 56994
33382 08374 31637 88729 84876 28868 91259 39768 73285 78128
70274 78835 95067 23695 79700 39970 40271 69067 40131 67232
07309 44908 65598 98138 19112 31836 07360 94031 33957 16622
01809 74352 68657 36527 72840 94399 57282 22810 62936 62562
69473 77531 59169 16515 03375 10525 37397 52826 81325 39423
08600 40895 82219 37807 90557 25837 34727 06408 66506 76910
73842 25926 10445 26725 19214 01875 61169 61246 14330 43817
20707 44404 25847 85724 46674 51177 96443 49822 71459 99863
53511 81639 03831 61701 27698 08052 98303 16639 53038 79666
49354 91376 24264 13171 12138 41646 26196 63005 80268 52846
99433 64341 93522 89704 91985 48728 11699 25392 56690 35542

9362/8062/7462 kHz, 15-03, 1900/1920/1940 UTC

304 304 304 000
07343 00001 00000 10140

11409/13509/14609 kHz, 16-03, 0700/0720/0740 UTC

456 456 456 000
06127 00001 00000 10140

9362/8062/7462 kHz, 17-03, 1900/1920/1940 UTC

304 304 304 000
06652 00001 00000 10140

11409/13509/14609 kHz, 19-03, 0700/0720/0740 UTC

456 456 456 000
08994 00001 00000 10140

9362/8062/7462 kHz, 22-03, 1900/1920/1940 UTC

304 1 304 304 304 1 304 304 304 1
05759 00287 83432 20300 05059 76223 58592 64652 71299 54872
86075 82789 98872 34075 97779 69718 50533 44017 43752 66377
47107 55927 12841 76890 84953 48012 07115 58042 06158 57980
49508 39398 77613 70829 96479 13637 52847 84864 90050 63463
30592 01006 30649 74309 88714 66149 82965 25414 47931 30212
08168 27732 06976 16033 03912 42161 60696 45801 88860 02035
91612 88431 45993 91775 11584 14595 69580 81958 80639 90474
47551 47046 06374 69813 18288 09338 23195 70018 20128 00514
37334 17346 37466 04940 98766 26777 54392 79920 74302 60514
55263 07572 42992 63120 49430 94730 46295 78645 23668 86612
55316 98199 01798 25908 35366 03401 80357 39206 01480 79659
64660 02640 48077 50359 00064 78112 95372 52599 72587 58271
86454 54593 47433 69496 28445 92618 74006 01377 76916 75531
74035 74667 59080 72052 79716 30481 41999 10629 35336 77354
49544 40348 64107 54261 21912 76214 44861 74412 03184 20494
14422 08666 54252 72350 87855 27639 02585 27492 19325 99148
38782 13584 50182 62452 31550 52121 53381 57819 34245 09227
74295 71107 92940 16652 96243 20775 38212 95532 11303 01007
55880 10202 43599 20958 29899 00583 14651 82534 77763 18656
60189 44482 08546 11534 10753 25906 25002 06451 94815 42929
56752 57169 49932 44800 22666 77928 71437 98346 74896 00416
44882 68443 31161 87179 28470 05755 39557 62114 43969 04555
15608 44642 45764 75781 22806 73941 49639 99344 71627 05468
27211 95975 98798 52802 13927 28543 95697 81537 12191 59581
88639 34669 06750 25495 92265 44715 83491 89591 23562 18521
47249 17133 40597 23553 88199 87807 69429 68288 69195 60721
92451 09178 02290 27808 60579 60594 74117 32233 31788 91783
66898 24432 77897 55833 61748 56719 36096 58218 65305 54414
09569 24342 41114 33517 35006 54652 49936 13131 17847 27756

11409/13509/14609 kHz, 23-03/26-03/30-03, 0700/0720/0740 UTC

456 456 456 1 456 456 456 1 456 456 456 1
04775 00175 36827 60272 21524 49448 01454 93524 37874 00247
95772 88423 09557 87768 93612 01736 91779 71754 14520 18705
93432 50172 85625 91170 88222 28987 98757 55486 57652 47940
10033 24120 42899 13079 06806 89021 97922 34709 57292 68713
36919 79991 28353 61473 07385 75220 13759 62473 57859 20886
77879 15391 57565 51752 74412 39963 31895 20081 09631 60016
47141 09484 67538 80745 39727 83080 80058 37802 70315 02356
09513 25649 95504 96165 47925 27393 11649 20590 69357 72390
56992 02812 11160 27568 70789 11044 61748 32020 25346 68204
62037 60445 85446 75239 76570 79539 36679 36298 59855 91487
34163 04046 87196 79445 80726 40819 10245 39862 51259 43993
00184 56034 03105 50277 27296 18298 34884 45635 74149 87587
90687 20663 35663 20223 91946 74428 36949 37660 04466 99036
31300 45343 11006 93774 18049 14139 35077 14980 50029 69975
04810 13087 71786 46568 42259 86616 04099 92973 50695 97786
40150 85778 66093 15480 71073 77975 57588 91024 49292 76880
66094 84426 85243 13445 64949 84571 59650 68209 31835 31413
46507 51192 55544 18554 14272 11134 92754 74351

9362/8062/7462 kHz, 24-03, 1900/1920/1940 UTC

304 304 304 000
04647 00001 00000 10140

9362/8062/7462 kHz, 29-03/31-03, 1900/1920/1940 UTC

304 1 304 304 304 1 304 304 304 1
07018 00261 59557 01359 00642 26386 14022 37283 29726 53275
17301 68641 24600 56845 12190 13921 36097 39128 18418 32421
88896 89669 59752 47302 82765 13263 24479 37402 92286 68835
14040 42442 76015 06473 93508 24383 98746 76868 80785 32465
51611 63742 40828 43789 08051 91037 75314 03624 54532 32662
37642 05026 02559 81370 33085 54842 85416 17920 92815 42890
32573 37038 72475 66380 74985 83918 28762 04498 81918 24007
83059 06381 42738 88826 73746 60692 97611 70949 07221 58181
08425 88246 86962 99381 44876 64001 50810 77831 13439 24641
75195 07050 25339 36334 23149 74969 54502 79847 78976 22249
13970 52103 51510 42714 73999 51210 11930 50024 88669 94272
93067 33286 29492 86927 30101 98857 62172 45021 38977 64968
17880 42747 65239 39712 37614 76641 14972 21778 52467 52092
74780 76536 49943 26048 65431 88270 28175 53489 67593 49228
00345 31041 24325 23983 76944 55323 68852 89371 76705 03486
62365 09367 38748 86999 71103 34869 85134 49708 92714 56535
45502 64272 14855 12361 91540 33730 51973 15872 66963 54855
27733 54306 77997 84813 98781 69035 43386 65346 04987 91798
49321 69164 57353 67949 71437 21757 37535 72404 66532 94970
07560 74933 51885 21684 75367 65820 56878 87960 21340 22388
87938 67502 67600 95868 39264 48569 74544 01563 31954 74317
35610 95125 91960 33066 59427 09733 29313 40800 56281 19749
14100 71511 90085 39006 01865 66309 03120 34413 93283 52545
21880 27367 81857 83037 26077 80880 53329 53588 77144 11839
93634 71733 97625 88956 72868 52206 34937 89957 76506 26439
14132 12515 28614 41770 83207 60824 31814 20875 02219 81778
24157 50306 63217 05122



XPA2

16138/14538/13538 kHz, 01-03, 1500/1520/1540 UTC

01127 00089 48085 51529 53925 44537 28735 98920 84776 57221
94497 52518 41999 70325 47630 62679 60398 61540 73569 06353
03159 55681 65224 11354 77969 97470 85981 87366 87828 88526
64253 54305 60739 45046 46194 85848 96085 60887 35467 78150
94692 33415 32444 79872 50621 87042 67734 90869 03410 52566
54188 11546 14818 00110 46238 78969 44813 31595 83029 66200
80282 95805 30168 73100 59116 09827 81271 74502 27332 96228
28911 66802 08993 01274 21426 23733 20126 52653 66739 87709
98999 13021 41323 79175 27807 62110 03353 90459 64713 12490
34820 63305

15956/14956/13956 kHz, 02-03, 0800/0820/0840 UTC

04219 00001 00000 10140

13431/14631/15931 kHz, 04-03, 0700/0720/0740 UTC

05274 00117 55906 54489 66196 17250 47660 99633 21257 94214
47592 68692 97365 98794 03420 72010 76174 52728 38545 94846
21559 26608 82343 20816 35266 18693 27303 98845 89945 39100
21139 35677 31075 75949 91689 53209 06791 38853 83724 64723
73748 37205 38379 88882 73191 84611 11600 06026 63224 73273
44195 44455 70905 16140 24676 67311 22164 27901 06962 45240
22124 36445 43070 81306 04888 81488 56550 82252 57258 33701
34455 70656 66266 81576 61913 36177 42059 83632 00914 98116
90384 52262 95385 25154 97408 80825 33609 23874 61177 15217
30864 46080 89207 22477 53523 80980 30745 07196 66680 06738
08701 55383 42619 65012 32296 70552 49072 26462 82138 66007
40004 82351 16288 45621 55992 85938 49633 54717 77242 37050

18667/17419/16212 kHz, 04-03, 1400/1420/1440 UTC

07871 00001 00000 10140

18667/17419/16212 kHz, 05-03, 1400/1420/1440 UTC

08521 00001 00000 10140

16138/14438/13438 kHz, 06-03, 1500/1520/1540 UTC

09457 00001 00000 10140

13431/14631/15931 kHz, 08-03, 0700/0720/0740 UTC

01141 00001 00000 10140

13431/14631/15931 kHz, 11-03, 0700/0720/0740 UTC

02330 00001 00000 10140

15956/14956/13956 kHz, 07-03/09-03, 0800/0820/0840 UTC

00212 00173 96349 29163 67495 08806 90413 57031 21773 84791
27370 02173 38249 50998 60473 32162 71811 22833 47719 63685
35047 01052 36441 67522 54911 87535 26360 19590 61113 74428
06818 01125 04266 02741 27215 44445 53368 44536 49114 47555
58225 47369 62331 26953 39086 70125 31863 17063 72621 65888
22023 13766 38233 49230 94127 99213 90685 03862 75780 62859
88700 40355 44515 59075 27477 49369 67266 43584 62496 26521
50952 19764 91965 80371 58880 46461 29979 41645 02285 00827
71665 99784 18764 38639 27784 09726 73071 11157 40664 79633
36345 83357 12406 57335 68970 77136 03153 85976 42917 09823
72643 22113 88788 81790 48824 47061 84615 18695 77410 84950
58635 90026 83692 09393 27404 32309 17701 98178 93627 13675
46663 73324 71420 13084 70156 27099 11857 53735 37241 29765
17633 48678 71189 38262 46616 21832 37932 56234 45689 72053
87551 93989 61042 67364 46690 12435 96342 70416 96597 35823
41747 62352 07075 96232 88091 59049 88647 46043 74761 86349
16518 14198 29725 02370 13770 27302 02018 68521 60807 41647
75627 09276 84537 39591 21668 70643

18667/17419/16212 kHz, 12-03, 1400/1420/1440 UTC

06483 00095 33589 38781 21046 70772 82757 66408 37705 63487
28196 85160 69425 19631 31335 67754 22087 59339 58738 83733
49489 02294 35967 95572 14050 08292 91376 50734 57399 01489
61278 49192 68254 65692 98906 67483 82834 22393 14355 34975
47149 41398 44897 22726 64505 58093 30191 97007 47215 96845
30548 41947 20401 46474 71666 54804 35005 09251 61111 61162
60772 56048 94400 55002 60947 46662 19186 30499 53076 44523
10306 08796 58955 11368 45476 25630 94975 59195 90550 57321
09155 80452 19468 47517 27285 52626 31144 72163 78612 38289
97602 20596 57772 43069 69017 35073 66347 42250

16138/14438/13438 kHz, 13-03/15-03, 1500/1520/1540 UTC

04585 00061 15140 74271 97961 56811 52883 24511 07814 57565
31265 91809 45754 72640 32340 52576 06155 23948 16125 63058
29399 15474 82295 67524 23298 23880 83603 01546 52318 56924
32717 00107 98081 56343 74053 89343 24889 95493 57257 69633
72596 10226 74366 99836 98531 41965 87069 88074 84141 99121
84361 72005 35398 01342 28195 66786 52810 91339 66095 20588
02637 59286 40923 60557

15956/14956/13956 kHz, 14-03, 0800/0820/0840 UTC

04507 00001 00000 10140

13431/14631/15931 kHz, 15-03, 0700/0720/0740 UTC

09403 00001 00000 10140

15956/14956/13956 kHz, 16-03, 0800/0820/0840 UTC

04438 00001 00000 10140

13431/14631/15931 kHz, 18-03, 0700/0720/0740 UTC

00684 00001 00000 10140

18667/17419/16212 kHz, 18-03, 1400/1420/1440 UTC

04301 00001 00000 10140

18667/17419/16212 kHz, 19-03, 1400/1420/1440 UTC

03993 00001 00000 10140

16138/14438/13438 kHz, 20-03, 1500/1520/1540 UTC

01003 00001 00000 10140

15956/14956/13956 kHz, 21-03/25-03, 0800/0820/0840 UTC

05853 00001 00000 10140

13431/14631/15931 kHz, 22-03, 0700/0720/0740 UTC

05725 00133 02994 65753 27648 06664 63106 00287 60496 88245
99678 92507 41577 31537 96573 25435 18634 22512 05977 74655
17714 31055 77159 53771 46312 67133 31454 78443 93955 52739
39589 81999 65911 74050 47180 59570 55088 05017 65040 06083
52916 55322 66597 39336 08763 76783 17238 82114 45438 65827
66563 31848 39872 44175 74126 44333 70739 82845 81341 49987
02838 00466 93596 38878 12379 11375 55933 60271 60444 77781
00612 92811 24718 27414 31700 45130 04363 55254 44019 92416
11833 22988 32811 71293 29472 88312 16266 01105 66999 66278
17509 25677 95506 75163 11368 11414 33441 14388 55983 72969
81639 88461 56784 92532 35435 52948 80838 69468 04888 20506
48794 46006 17039 65483 25823 21268 29671 43330 55049 22599
45494 23426 87488 49617 70621 26794 93404 02638 37921 42497
42555 13921 49195 53214 89932 41571

16138/14438/13438 kHz, 22-03, 1500/1520/1540 UTC

01007 00001 00000 10140

15956/14956/13956 kHz, 23-03, 0800/0820/0840 UTC

08206 00001 00000 10140

18667/17419/16212 kHz, 25-03, 1400/1420/1440 UTC

03493 00109 24202 43924 49016 44679 77611 14711 58453 48867
76808 22054 99906 38854 95536 38763 89650 64269 56922 89308
63288 15847 98067 73609 89453 64258 45285 72856 28567 24782
97221 75056 49412 18602 55984 86887 36246 59379 81000 36142
66666 00447 59036 66213 44760 54325 42379 00662 99106 05914
28548 31603 43974 98126 14450 17578 81699 09589 37989 44752
44987 28552 15736 99116 99027 48848 24565 96656 74677 76670
74957 86071 93901 56676 23852 76369 62182 91625 34344 83072
90978 55844 57667 49951 18438 33210 81994 16132 12912 28559
27606 11859 13033 04194 24442 70759 84957 06304 91054 25922
65259 67634 03190 98243 14599 44924 78136 18857 85569 37074
78780 16503

18667/17419/16212 kHz, 26-03, 1400/1420/1440 UTC

09939 00001 00000 10140

16138/14438/13438 kHz, 27-03, 1500/1520/1540 UTC

04536 00095 61869 50831 32166 32010 92286 44813 90925 21888
47810 08185 88332 01533 40016 63864 36076 70362 05307 60985
32959 57811 28407 65157 95589 43279 11836 37339 77468 91984
04544 34840 81585 67368 54036 50181 66651 96547 98702 23157
90251 93349 29689 17380 12527 17349 32028 20553 79183 59895
07285 97308 80759 88609 37018 68456 46957 00810 80036 54494
20813 22754 85722 34294 98029 65241 90645 76946 12426 24396
33286 93636 88980 73860 70937 21550 62408 95585 61339 09733
36947 70888 66991 11187 88268 85692 07202 06246 02715 52087
00865 79995 28644 23723 95236 18616 23188 51300

15956/14956/13956 kHz, 28-03/30-03, 0800/0820/0840 UTC

01614 00085 09808 49203 69040 12209 93348 50554 34977 38926
85803 20641 21619 07260 34794 96511 11108 05575 30640 84736
00924 50641 78192 38193 24878 54988 47680 86051 15259 91152
43052 62883 31923 44701 59417 27837 30399 89902 76223 11660
43996 93280 86988 74856 95030 30890 78641 36864 03394 64075
41472 64207 56326 38430 30275 06135 26544 78627 38286 18507
86352 69727 97320 82453 05354 76003 26113 34241 49906 13377
18305 90224 21143 73005 88429 25161 42711 36266 77077 07295
41128 41112 11877 00773 66444 58854 43858 37157



POL-FSK (F11)

9339 kHz, 07-03/09-03, 0845/0850 UTC

0353 0353 0353 0353 0353
88888 88888 26200 64386 36135 85336 78374 63435 00266 99303
05884 74644 68894 39297 43498 37124 63433 83945 61754 94531
35977 12336 24916 98611 74059 36076 95262 71511 66862 42328
22543 09495 28479 29860 10711 01849 88888 88888
00038 00038

10246 kHz, 08-03/11-03, 0655/0700 UTC

0684 0684 0684 0684 0684
88888 88888 38158 14142 43148 76751 67428 49380 53267 08408
19259 92543 48134 15524 58565 48849 33417 97034 69362 52588
38057 39858 34574 98193 92221 30041 78770 07162 73737 62413
67328 19643 39582 87401 75338 32138 40274 98580 69694 88888
88888
00041 00041

7371 kHz, 08-03/11-03, 0900/0905 UTC

0554 0554 0554 0554 0554
88888 88888 52204 81822 94161 55398 64767 50473 67734 52221
70889 77213 68466 48167 56653 84371 49099 74966 93272 69696
35791 17645 33673 76098 03407 84516 26106 08407 31488 91873
33045 45648 85614 65811 39213 61895 19184 65650 98316 68917
88888 88888
00042 00042

14972 kHz, 08-03/ 09-03, 1245/1250 UTC

0132 0132 0132 0132 0132
88888 88888 50755 47067 92306 77472 58551 13528 15054 58635
68502 59757 24381 43744 56679 14052 35605 41064 15600 87564
16548 99239 25844 94865 63695 04757 07394 17383 39763 91932
18957 72857 26663 09883 86869 88888 88888
00037 00037

11092 kHz, 14-03/18-03, 0815/0820 UTC

0446 0446 0446 0446 0446
88888 88888 32376 65818 76675 22636 09179 00989 78131 83328
67218 06410 64398 88777 07833 75572 37744 38828 10708 75313
87345 23154 72479 71376 74936 76860 50677 62942 44498 40588
50103 07729 20424 50608 15891 16594 36449 84840 70161 88888
88888
00041 00041

6906 kHz, 21-03/24-03, 0800/0805 UTC

0434 0434 0434 0434 0434
88888 88888 65208 09592 75373 85922 09248 47157 45994 45801
01180 95427 56302 35720 90912 39548 87408 45193 00699 58379
36771 01619 16739 84989 57429 78053 46028 63865 53565 76467
86415 45035 89804 70358 56546 16448 56623 36350 59369 88888
88888
00041 00041

15632 kHz, 21-03, 1525/1530 UTC

0221 0221 0221 0221 0221
88888 88888 61588 84312 09578 03935 67468 05188 06493 91511
19080 39939 62232 20441 59047 33821 79629 44355 98564 96493
84132 91715 77998 22651 92304 25648 13445 99884 73297 74317
59162 29417 12282 62958 09767 88888 88888
00037 00037

10728 kHz, 22-03/24-03, 0630/0635 UTC

0574 0574 0574 0574 0574
88888 88888 67011 07518 67919 01264 21922 89366 36211 75611
26249 38494 65385 74555 32118 93497 76329 86754 36840 72656
09391 92192 79453 88634 59083 31121 57280 99937 88570 90270
08074 15794 10960 93156 34768 88888 88888
00037 00037

9079 kHz, 29-03/30-03, 1150/1155 UTC

0325 0325 0325 0325 0325
88888 88888 30202 48189 33095 32491 56697 68272 65138 35297
32477 91260 14152 15326 02069 69133 42066 55771 35768 21659
27786 46403 75321 33043 66329 79148 59206 55173 43426 97973
38097 40033 93616 89756 61565 79597 97907 88888 88888
00039 00039

One of the few errors made by this station occurred today. The 0630 UTC transmission was a null message, which is correct. The 0635 UTC transmission should be the same as 0630 but was instead a repeat of the message sent on 22 and 24-03. The associated E11 transmission was also a null message: 517/00 sent on 10800 kHz at 0645 UTC.

10728 kHz, 31-03, 0630 UTC

0574 0574 0574 0574 0574
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

10728 kHz, 31-03, 0635 UTC

0574 0574 0574 0574 0574
88888 88888 67011 07518 67919 01264 21922 89366 36211 75611
26249 38494 65385 74555 32118 93497 76329 86754 36840 72656
09391 92192 79453 88634 59083 31121 57280 99937 88570 90270
08074 15794 10960 93156 34768 88888 88888
00037 00037



North Korean diplomatic stations

Freq	Date	UTC	Details	Mode
14775	11-3	0733	North Korean diplo (QSX 16450 kHz)	DPRK-ARQ 600/600 LSB
18455	11-3	1458	North Korean diplo	DPRK-ARQ 600/600 LSB
19355	11-3	1553	North Korean diplo	DPRK-ARQ 600/600 LSB
20888	11-3	1502	North Korean diplo	DPRK-ARQ 600/600 LSB



Egyptian diplomatic stations

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

Freq	Date	UTC	Details	Mode
9055	14-3	2050	MFA Cairo clg RCVB Egyptian embassy Kinshasa	SITOR-A 100/170
9066	14-3	1738	MFA Cairo clg OOVQ Egyptian embassy Beijing	SITOR-A 100/170
9066	15-3	1840	11105: Egyptian embassy London clg/wkg 99910 MFA Cairo	Codan chirp
9066	16-3	1811	1: Egyptian embassy Algiers clg 99909 Cairo	Codan chirp
20066	7-3	0910	MFA Cairo. Encrypted messages	Codan-16



Czech diplo

18320 kHz, 11-3, 1112 UTC, Pactor-III

CZE embassy, Islamabad wkg MFA Prague: ISLAMABAD@____.mzv.cz. From CN=ISLAMABAD/O=ZSMZVU. Lotus Notes Release 5.0.10 March 22, 2002.

UTILITY ROUND-UP



Armenian Air Defense

6450 kHz, 1-3, 1545 UTC: Armenian Air Defense. Bearings



Unid stations

3603 kHz, 13-03, 1445 UTC. Logged by JPL. Possibly related to M89

LJZ LJZ LJZ DE X54 X54 QSA 2
B88 EEEE T67Z K
VVV LJZ DE X54 QSA 2 = T68Z K
VVV LJZ DE X54 QSA 2 = T65 TEEEE T68Z K
OK OK OK OK OK
QRU ? OK QRU ? QRU ? K
M SK SK K

7155 kHz, 24-03, 1021 UTC. Logged by JPL, i.p.

QG1G DE YILI OK SK 73 K
QG1G DE BQ4Q OK SK SK
VVV QG1G QG1G DE DBMB DBMB OK SK SK 73 K
OK 73 AR K
C 73 AR
OK 73 AR

Note: This is unusual, as they are using the 40M amateur band and sending 73 like amateurs, but not using amateur callsigns???

9156 kHz, 29-03, 1502 UTC. Logged by JPL, i.p.

LAAPONGKLE KWL WU KAA WGUAY
C84V =
WU KAA WGUAY AGDAAODONA LAOE UPCL\HANUOE W WFNKO WOPWW 988 RPT AL K
C84V =
ELAE QW. WW
C84V =
NUOEW WFNKO ELAE QWOPW 988

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from logs submitted by Ron, Andre, JPL, Ton, Wolfgang, Ron



RMv/RNv/RNAv/RAv **Russian military voice stations**

Frequency: various Mode: USB / voice

RMv – Russian Military

3434 kHz, 03-03, 1855 UTC
3200 kHz, 03-03, 1901 UTC
3774 kHz, 07-03, 1407 UTC
2766 kHz, 07-03, 1607 UTC
2775.5 kHz, 08-03, 1711 UTC
6296.5 kHz, 09-03, 1259 UTC
7276 kHz, 10-03, 0843 UTC
4238 kHz, 11-03, 1733 UTC
5400 kHz, 14-03, 1433 UTC
5426 kHz, 15-03, 0632 UTC
6948 kHz, 15-03, 0718 UTC
5058.5 kHz, 19-03, 0552 UTC
4536.5 kHz, 19-03, 0558 UTC

SOKOT-15 wkg outstations
SOKOT-12 wkg outstations
PARNIK-15 clg DAVOY-22
PAGOD-63 clg outstations
MARKER-04 clg outstations
SPIKE-03 clg BANKET-27, POROK-51, SKAN-51, KIRVAN-73
MIROR-46 clg outstations
BARDO-63 clg outstations
ROMAN-51 clg SLUPKA-93, SIAM-60, RAITOK-69
VIRKTA-88 clg outstations
BAIKA-18 clg outstations
PODIO-29 clg outstations
HORT-39 clg outstations

5260 kHz, 19-03, 0604 UTC	OBLIK-24 clg outstations
5886 kHz, 24-03, 0853 UTC	VOLGA-22 clg LIMA-84
4640 kHz, 24-03, 1051 UTC	MARAK-47 clg outstations
5830 kHz, 24-03, 0652 UTC	BALAN-94 clg outstations
7149 kHz, 24-03, 0710 UTC	MARVEK-46 clg outstations

RNV – Russian Navy

8219 kHz, 15-03, 0658 UTC	BUKSOL clg KALCHUGAH, KORCHIK, PAMFLET, ZABOR, BANKET, KORCHIK
4042 kHz, 17-03, 0625 UTC	VESTNIK (RMP) clg BOKOAT (RFK99)
4395 kHz, 24-03, 0646 UTC	VESTNIK (RMP) clg MOTORIE (RMB80)
4605 kHz, 24-03, 1231 UTC	VESTNIK (RMP) clg EKLAVOJ (RHY47)
4940.5 kHz, 24-03, 1246 UTC	GARANTIYA (RIQ88) clg GANILA GORNILA
5206 kHz, 26-03, 0711 UTC	KAPRIA (RKH80) cg VESTNIK (RMP)
6959 kHz, 26-03, 0801 UTC	MOTORIYA (RMB80) Clg VESTNIK (RMP)

RNAV – Russian Navy Air Transport

11354 kHz

03-03, 1219 UTC	Priboj (Naval Air Transports Central Sector, Moscow) USB w/95721 (Russian Navy AN-72) reporting landing at Ostayevo at 1320 UTC w/3200 kgs fuel.
03-03, 1242 UTC	Krocket (Naval Air Transports Central Sector, Moscow) USB w/95725 (Russian Navy AN-72) reporting passing waypoint ?VIDLA? at 1230 UTC at alt 5500 meters w/3200 kgs fuel. At 1508Z reports departing Levashovo at 1435 UTC w/4600kgs fuel and ETA Ostafyevo 1640 UTC. Krocket relays info to Priboj.
03-03, 1429 UTC	Priboj USB w/95722 (Russian Navy AN-72) reporting passing UKAP at 1431 UTC at alt 6000m w/3000kgs fuel. At 1455Z reports landing at Levashovo w/2500kgs fuel
03-03, 1432 UTC	Krocket USB w/95727 (Russian Navy AN-72) reporting passing LAKUT at 1433 UTC at alt 8500m w/3200kgs fuel.

RAV – Russian Air Force

6685 kHz, 03-03, 1630 UTC	26034 (unid Russian AF acft) USB calling Korsar (Russian Air Force 334th Air Transport Regiment, 6985th Air Base, Pskov) w/no response.
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RADV – Russian Air Defense

1788 kHz, 03-03, 1917 UTC,	Outstation setting on the frequency and tracking (Russian Voice)
3374 kHz, 04-03, 1842 UTC	Tracking (Russian Voice)
3545 kHz, 05-03, 1622 UTC	Tracking (Russian Voice)
3520 kHz, 05-03, 1625 UTC	Tracking (Russian Voice)
3268 kHz, 05-03, 1752 UTC	Tracking (Russian Voice)
3460 kHz, 05-03, 1810 UTC	Tracking (Russian Voice)
1834 kHz, 06-03, 1828 UTC	Tracking (Russian Voice)



M32
Russian / CIS Military CW Stations

6870 kHz, 03-03, 1406 UTC	XXX 26050 NEPREMENT 7816 5838
5514 kHz, 10-03, 1842 UTC	XXX 5NZK KONTROLX 8888 K
5693 kHz, 10-03, 1842 UTC	Outstations confirming flash message: KONTROLX 8888 QDC 2133 K
2674.5 kHz, 14-03, 1855 UTC	CHARBAH-51 clg LEPOK-65
4463 kHz, 16-03, 0608 UTC	XXX F5PZ POSADKA 4214 FORSAV 0701 K
13914 kHz, 17-03, 0811 UTC	XXX WEGI 80549 55235 TUFOGROG 6168 5188 K
12981 kHz, 17-03, 0812 UTC	XXX WEGI 80549 55235 TUFOGROG 6168 5188 K
5842 kHz, 17-03, 0824 UTC	XXX VZFY 35405 BABKINA 5466 3211 K

5842 kHz, 17-03, 0828 UTC
 4824.5 kHz, 17-03, 0901 UTC
 4572 kHz, 19-03, 0655 UTC
 13852 kHz, 20-03, 0937 UTC
 12981 kHz, 20-03, 0937 UTC
 12606 kHz, 20-03, 0937 UTC
 6584 kHz, 20-03, 0943 UTC
 13852 kHz, 20-03, 0948 UTC
 12981 kHz, 20-03, 0948 UTC
 12606 kHz, 20-03, 0948 UTC
 13852 kHz, 20-03, 0955 UTC
 12981 kHz, 20-03, 0955 UTC
 12606 kHz, 20-03, 0955 UTC
 13852 kHz, 20-03, 1018 UTC
 12981 kHz, 20-03, 1018 UTC
 12606 kHz, 20-03, 1018 UTC
 13852 kHz, 20-03, 1022 UTC
 12981 kHz, 20-03, 1022 UTC
 12606 kHz, 20-03, 1022 UTC
 13852 kHz, 20-03, 1027 UTC
 12981 kHz, 20-03, 1027 UTC
 12606 kHz, 20-03, 1027 UTC
 4656 kHz, 23-03, 0600 UTC
 4656 kHz, 23-03, 0700 UTC
 7099 kHz, 23-03, 0948 UTC
 7196 kHz, 24-03, 0749 UTC
 7144 kHz, 24-03, 0749 UTC
 5878 kHz, 24-03, 0850 UTC
 5874 kHz, 24-03, 0851 UTC
 5951 kHz, 24-03, 0907 UTC
 10683 kHz, 30-03, 1009 UTC
 10683 kHz, 30-03, 1013 UTC
 10683 kHz, 30-03, 1016 UTC
 10164 kHz, 30-03, 1021 UTC
 9169 kHz, 30-03, 1025 UTC
 7412 kHz, 30-03, 1355 UTC

XXX VZFY 60881 LEVANXE 1145 9874 K
 XXX ZO1F ChrADA 7070 AR (17mars16) (F5JBR)
 DIKTOR-67 clg outstaions
 XXX WEGI 20423 VOSTER 9997 6139 K
 XXX WEGI 20423 VOSTER 9997 6139 K
 XXX WEGI 20423 VOSTER 9997 6139 K
 XXX ELMV 05306 PRERYWATELX 1370 6299 K
 XXX WLHN 23527 10137 15112 WOINOUJ 7645 9158 K
 XXX WLHN 23527 10137 15112 WOINOUJ 7645 9158 K
 XXX WLHN 23527 10137 15112 WOINOUJ 7645 9158 K
 XXX G5CX F2ET 26171 55723 TWOROG 3997 5158 K
 XXX G5CX F2ET 26171 55723 TWOROG 3997 5158 K
 XXX G5CX F2ET 26171 55723 TWOROG 3997 5158 K
 XXX WLHN 06945 90947 54977 TAKTOHAM 8743 9951 K
 XXX WLHN 06945 90947 54977 TAKTOHAM 8743 9951 K
 XXX WLHN 06945 90947 54977 TAKTOHAM 8743 9951 K
 XXX WEGI 47282 14137 RUMBOPEJS 8102 1080 K
 XXX WEGI 47282 14137 RUMBOPEJS 8102 1080 K
 XXX WEGI 47282 14137 RUMBOPEJS 8102 1080 K
 XXX WEGI 38216 LAGERNIK 0855 8949 K
 XXX WEGI 38216 LAGERNIK 0855 8949 K
 XXX WEGI 38216 LAGERNIK 0855 8949 K
 XXX 7MNA GIDRA 6631 K
 XXX WITER 505 K
 XXX MS2E R 26391. XXX MS2E 12470. OK QSU 1 K
 XXX VUOZ 63357 BREMEN 6495 6880 K
 XXX VUOZ 63357 BREMEN 6495 6880 K
 E55J QSA 2 K and XXX E55J 39725 K
 XXX LB1E 67529 GALXEGO 0564 3914 K
 TRITAN-34 clg outstations
 XXX XXX WEGI WEGI 46336 07001 44324 18573 K. ORDOBYT 7167 8047 K
 XXX JQRF JQRF 11223 K ORDOBYT 7167 8047 K
 XXX XXX WEGI WEGI 20165 64955 12994 HRE NOWSOD 2388 7614 K
 XXX XXX WEGI WEGI 36723 46.36 07001 44324 18573 KORDOBYT 716. 8047 K
 XXX XXX WEGI WEGI 12941 20165 64955 12994 HRENOWHOD 2388 7614 K
 XXX XXX WEGI 40837 15562 80943 STOVOK 7397 8704 K

5514 kHz, 24-03, 1644 UTC

XXX E8IJ 35278 RABOGUD 0173 2911 K
 G3G7 R E8IJ 35278 RABOGUD 0173 2911 QDC 1945 K
 C2LP R E8IJ 35278 RABOGUD 0173 2911 QDC 1945 K
 DISL R E8IJ 35278 RABOGUD 0173 2911 QDC 1945
 XKT5 R E8IJ 35278 RABOGUD 0173 2911 QDC 1945 K

4062 kHz, 25-03, 2059 UTC

NOHK DE JTTL
 GSX7 DE JTTL K
 R K
 OUOI DE JTTL K
 R K
 XCX7 DE JTTL K
 R K
 DU8Y DE JTTL K
 R K
 BMF1 DE JTTL K
 R K
 VGQL DE JTTL K
 R K
 NOHK DE JTTL K

3379 kHz, 05-03

2130 UTC O28G wkg O92T, VZTM, HWOW, 2C9Q, AUX1, IB1X, YQNL (comms checks and QTCs)
 2130 UTC FKC4 de AUX1 QTC 208 11 6 0027 208 = ZPF 154 = 2001 5537 6282 3174 5019 3352 8323 5643 0608 K
 2139 UTC FKC4 de O28G QTC 460 8 6 0035 460 = ZFG 154 = 2001 5796 8891 0643 5796 0605 K
 2142 UTC FKC4 de O28G QTC 032 = 2001 0347 3165 1133 3172 8259 0347 0607 K 2150z CW O28G de VZTM QTC 501 7
 6 0030 501 = ZKC 154 = 2001 5482 9586 0482 0604 K
 2154 UTC FKC4 de O28G QTC 893 = 2001 0465 7715 0175 4400 6232 9882 0465 0608 K
 2157 UTC FKC4 de IB1X QTC 501 7 6 0051 501 = ZLC 154 = 2001 4095 8754 4209 4095 0605 K
 2205 UTC O92T de O28G QTC 547 = 2001 0347 3160 1133 0880 4446 3541 7842 6842 7523 2222 4024 0347 0613 K
 2207 UTC FKC4 de O28G QTC 686 = 2001 1467 5948 0344 4593 1467 0606 K
 2210 UTC O28G de HWOW QTC 446 12 6 0106 446 = ZZW 154 = 2001 6097 3877 1891 6806 3967 9691 6358 6097 0609 K
 2213 UTC O28G de IB1X QTC 143 13 6 0108 143 = ZFG 154 = 2001 4202 5161 4317 7692 2407 0334 8099 2415 4202 0610
 QTC K
 2215 UTC O28G de IB1X 482 11 6 0110 482 = ZOP 154 = 2001 2321 3323 8077 0930 6770 4663 2321 0608 K
 2218 UTC O28G de AUX1 QTC 709 = 2001 0066 5270 0283 2776 0716 0422 6858 4919 6563 4324 3115 2698 2489 0614 K
 2222 UTC O28G de IB1X QTC 569 9 6 0117 569 = ZJH 154 = 2001 8089 2779 1643 7366 8089 0606 K
 2229 UTC IB1X de O92T QTC 815 27 6 0125 815 = ZXZ 977 = YCFIÔ IKVYT ChGYRQ GEKChL ChGYRQ GEKChL ChGYRQ
 GEKChL ChCchDM EFZMR NQQAF ZFYChÛ JNCPY KOVBE MOTGY XÛÔQO WQATX PUCPU YZJChi BFUCT VXXQB
 WEXCP ÔOCEZ RMIVÂ PYPWR RPT A L K
 2239 UTC O28G de VZTM QTC 280 9 6 0137 280 = ZVR 154 = 2001 5180 6477 8895 3275 5180 0606 K

5371 kHz, 19-03, 1703 UTC, i.p.

R
 DPKZ DE CLY3 K
 R K
 V2JW DE CLY3 K
 R K
 BNTC DE CLY3 K
 RPT K
 R K



M32a
Russian Navy
Voyenno-Morskoy Flot Rossii

9308 kHz, 02-03, 0610 UTC RCV de RIR98 QTC 241 19 2 0900 241 = SML FOR RJE73 RJH45 = 02061 99358 10348 41599 10903
 10280 40110 57006 70200 81001 22200 00190 20000 88000 80000 02015 = repeats msg 2x
 8210 kHz, 02-03, 0930 UTC REO 11050 AKKURATNYJ 8577 2569 K
 3337 kHz, 03-03, 1811 UTC RCV de RJC20 QSA ? QTC - 03181 99451 10323
 8210 kHz, 14-03, 1017 UTC XXX REO 55983 WER+NIK 5376 7845 K
 7160 kHz, 15-03, 0726 UTC RMW32 wkg RFH45, RFH47, RFH49, RKP65, RKP55, RFH39, RKP65, RGF80, RFH42, RKP57, RKP60,
 RKP61, RKP63, RAW86, RJF72, RFH40
 8460 kHz, 21-03, 1830 UTC RJH25 de RHO62 QTC 634 37 21 2136 634 = FOR RJH45 RJH74 RJD38 = KKHH 21036 1800/ 10309
 00708 88881 20000 32988 43262 20030 32972 43450 20043 32166 43595 20050 32134 43624
 20100 31828 43616 20150 31622 43601 20250 31410 43572 20300 31112 43530 20505 30769
 43512 21033 = AR RHO62 K
 5830 kHz, 23-03, 1130 UTC XXX LR43 TEHNIÛESKAÂ PROWERKA 540 K
 12688 kHz, 25-03, 1151 UTC XXX LNUC 76508 PREDWE QANXE 9015 7996 PONIVENIE 7258 6449 K
 12688 kHz, 25-03, 1154 UTC XXX LNUC 79905 MARSIAANSKIJ 4141 2206 ZOWOPWO 3410 7285 VBANOLUK 7972 4734 K

1813 kHz, 03-03

0627 UTC 0900 299 FFFFF DDDDD JO+SY PPPPU PPPHH HIIIX XXPPPP NNNGG GÂÂÂi IIUUU ÂÛOKO YNSLC
FW+VP AVZOA ÂARNS UJÔZW RÂUAB ÔQTÔM JTPKI SQMIFP BQZEJ PYUÔX TBKGÛ EARYA NZÂAZ
BSBVB KQYT+ CJAFJ BQRCI LMGND RÛ+XX ZGQCU OÔDHO JJASG JQCLN IDTAU EQLCW KCCÛÔ
RDUD+ KRKÂÛ FNDSW NNJKC SVPKK ODFZE KYCK YFYXU GJWÂÔ XIDRG EPPRI K

0633 UTC 273 48 03 0900 273
72727 01737 09533 04138 59161 08673 23150 51369 49435 21134
82420 96626 58097 24482 23036 31982 19571 29312 55816 89097
86822 32339 02239 74076 13780 66490 38118 95812 89400 74670
85752 41459 82091 71804 55058 29443 14234 77013 96736 51045
66049 13620 93655 73397 13545 73309 71905 03047 K
OK QRU K

3750 kHz, 10-03, 1816 UTC:

RGR93 DE RMW46 Z.. R K
RGR94 DE RMW46 ZSA 3 R K
RGR95 DE RMW46 ZSA 4 R K
RGR96 DE RMW46 ZSA 3 R K
RGR97 DE RMW46 ZSA 4 R K
RGR98 DE RMW46 ZSA 4 R K
RDQ81 DE RMW46 ZSA 2 R K

5391 kHz, 20-03, 1223 UTC, i.p.

RJI39 RJI39 QSA ? QTC K
RJI39 RJI39 RJI39 DE RJS RJS QSA 2 K
RJI39 QSA 2 QTC K
10 1508 863 =
FM RJI39 FOR RJH45 / RJH48 / RJE60 =
20121 9951. 11587 41/94 91418 ...

5929 kHz, 24-03, 1003 UTC

RLO de RIT QTC 143 34 24 1301 143 = PROGNOZ 24036 63003 40000 00001 01218 40011 00002 01218 40012 00005 01218
60015 00006 01218 60016 00102 01218 40011 00001 01824 40010 00002 01824 40011 00005 01824 50014 00006 01824
50015 00102 01824 40010 = repeats msg twice = AR

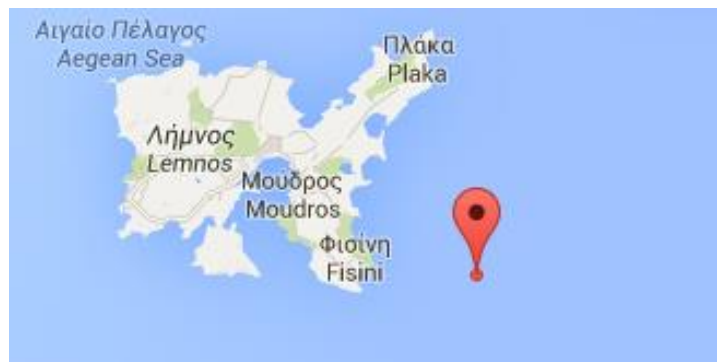
5451.5 kHz, 24-03, 1343 UTC

RMP de RCIZ QTC 744 18 24 1635 744 = FOR RMXA = 92563 14696 59920 30123 75285 05379 83264 12778 14003 67771
14983 47588 99983 22307 17702 68274 24016 = AR RCIZ K

9308 kHz, 06-03, 0617 UTC

RCV de RIR98 QTC 512 19 6 0900 512 = SML FOR RJE73
RJH45 = 06061 99398 10255

Location : <https://goo.gl/maps/qTxdVFJd7Wv>





8345 kHz, 05-03, 0630 UTC

RCIV wkg RCV: SML FOR RJE73 RJH45 = 05061 99377 10258

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

8460 kHz, 13-02, 1802 UTC

RJH25 de RMGZ QTC 491 18 13 2100 491 = FOR RJH45
 RJH48 RJE73 = 13181 99131 10526 42/98 /0704 10272
 40120 54000 70202 8//// 22262 00290 20101 308//
 13014 = AR RMGZ K

Location : <https://goo.gl/maps/w31b8xnTJBo>



9308 kHz, 07-03, 0617 UTC

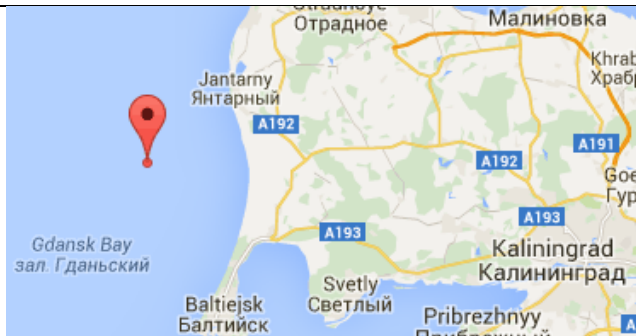
RCV de RBIZ QTC 363 18 7 0900 363 = FOR RJE73 RJH45 = 07061
 99349 10359 41598 23203 10140 40175 57017 70100 82110 22
 200 00185 20000 88000 80000 07015 = AR RBIZ

Location: <https://goo.gl/maps/4j5zVjSmTwE2>

8460 kHz, 21-03, 1814 UTC

RJH25 de RMGZ QTC SML FOR RJH45 RJH48 RJE73 =
 21181 99282 10333

Location : <https://goo.gl/maps/BmNhzrqBN6K2>



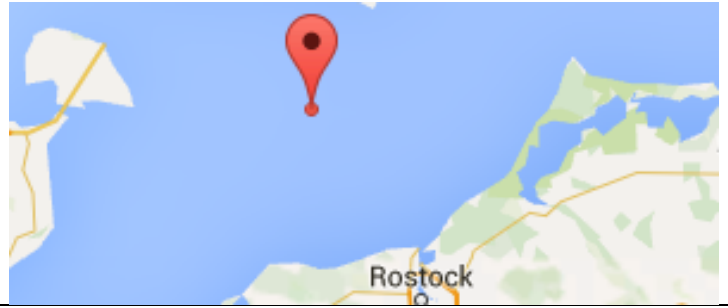
5451.5 kHz, 24-03, 1212 UTC

RMP de RKB92 QTC 570 17 24 1500 570 = FOR RJH45 RJD38
 REG98 = 24121 99550 10192 42598 31604 10060 40123 54000
 70100 82008 22222 00042 88000 24013 = AR RKB92 K

Location <https://goo.gl/maps/8oGrAcPUstU2>

5942 kHz, 26-03, 0602 UTC
RMB80 wkg RMP

Location <https://goo.gl/maps/LtjiY6RsN862>

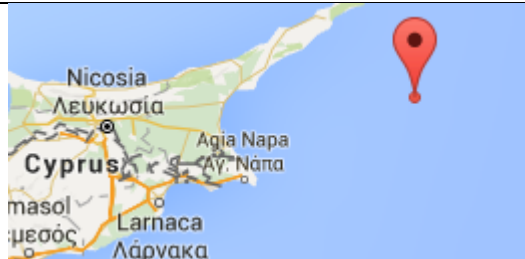
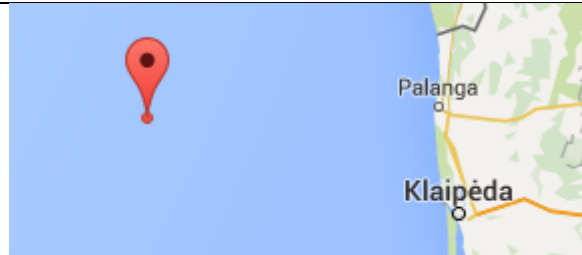


8345 kHz, 26-03, 0609 UTC
RBES wkg RCV (comms checks)

Location <https://goo.gl/maps/Cg5nwUGXzMz>

5942 kHz, 26-03, 1811 UTC
RKH80 wkg RMP

Location <https://goo.gl/maps/15VzuRtaDj22>



12464 kHz, 26-03, 0618 UTC
RLA88 wkg RCV

Location <https://goo.gl/maps/2rC1aQ764op>

12464 kHz, 26-03, 1814 UTC

RCV de RHO62 QTC 165 26 2104 165 = SML FOR RJH45 RJH48 RJH74 RJD38 = 26181 99083 70147 42/98 82506 10270 40090 57006 88007 22273 00279 2//// 26012 = AR RHO62 K

12464 kHz, 26-03, 1837 UTC

RIT de RHO62 QTC 271 40 26 2135 271 = FOR RJH45 RJH74 RJD38 = KKHH 26038 1800/ 70919 01448 88882 20000 32760 43574 20015 32725 43551 20025 32260 43561 20030 32140 43560 20040 31876 43581 20050 31830 43593 20075 31586 43595 20100 31634 43599 20200 31518 43593 20503 30852 43545 26036 = AR RHO62 K

8345 kHz, 27-03, 0625 UTC

RIT de RHO62 QTC 539 28 27 0930 539 = FOR RJH45 RJH74 RJD38 = KKHH 27036 0600/ 71005 01631 88881 20000 32136 43684 20006 32127 43573 20010 32045 43563 20040 31779 43592 20050 31713 43594 20090 31608 43597 27024 = AR RHO62 K



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Russian Naval Aviation
Aviatsiya Voennno-morskogo Flota Rossii

8816 kHz, 03-03

1010 UTC RJF94 RJC38 DE 08395 QTO 0809 QRD XLWF XLMV QRE 1030 QBD 15800 K - QTH 6456 3429 QTR 0910 QBG 6400 K - QTH XLWF 333115 QTR 1010 QBG 6000 K 1027Z QQM XLWF 1026 SK
 1212 UTC RJF94 RJC38 DE 08395 QTO 1200 QRD XRKE XLWF QRE 1530 QBD 16400 K - QTH 5454 3800 QTR 1300 QBG 7000 K - QQL XUOI 1400 QBF 7000 K - QQL URRR 1458 QBG 6000 QBD 8800 K - QQM XRKE 1524 SK
 1310 UTC RJF94 RJC38 DE 71576 QTO 1256 QRD XLMV XLLP QRE 1600 QBD 5400 K

8816 kHz, 24-03

0945 UTC RJF94 RJC38 DE 08395 QTO 0740 QRD XLLV XLMV QRE 1000 QBD 13800 K - QTH 6456 3429 QTR 0838 QBG 6700 K - QTH 6001 3132 QTR 0940 QBK 6100 K - QQM XLLV 1004 SK
 1420 UTC RJF94 RJC38 DE 08395 QTO 1405 QRD XMWH XLLV QRE 1620 QBD 15000 K - QTH 5918 2211 QTR 1503 QBG 6700 K - QAY UMKK 1601 QBG 6100 K - QQM XMWH 1615 SK

8816 kHz, 25-03

0851 UTC RJF94 RJC38 DE 08395 QTO 0840 QRD XLLV XMWH QRE 1100 QBD 15000 K - QTH 5849 2100 QTR 0945 QBG 7000 K - QQM XLLV 1052 SK
 1311 UTC RJF94 RJC38 DE 08395 QTO 1301 QRD XLMV XLLV QRE 1530 QBD 15000 K . QTH 6325 3416 QTR 1401 QBG 7000 K - QAY XLMO 1500 QBG 6700 K - QQM XLMV 1522 SK



M32c
Russian Air Force
Voyenno-vozdushnyye sily Rossii

19190 kHz, 04-03, REA4

0854 UTC XXX 1QRF 25568 POSOROG 3691 0264 K
 0903 UTC XXX 1QRF 51723 KARNOTIT 0239 3365 SKORBUTNYJ 9946 1203 K
 0911 UTC XXX 1QRF 02233 SKOTÔ 8154 2855 K
 0921 UTC XXX MSK7 69087 SPEHOLOM 7757 1951
 0932 UTC XXX MSK7 94670 RAVOKOKS 1655 1635 K
 0934 UTC XXX MKS7 94076 PENTAÉDR 7089 7880 K
 0939 UTC XXX MSK7 16735 BEZDELICA 1319 8850 K
 0941 UTC 04 080 99900 03120 62596 90294 83106 11046 21060 77322 88200 =REA4 K

8029 kHz, Tu-95MS Bear H net

15-03, 0700 UTC W-markers
 15-03, 0855 UTC TR7X DE TRL5 K
 24-03, 0600 UTC W-markers



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

01-03, 1337 UTC	Gun Shop	30 chr EAM for Repco LEJY2T JBZJ4GFBUARRJTTSWB6BMZG
01-03, 1403 UTC	Gun Shop	30 chr EAM for Repco LEOBLQ 33ZUU4GOAOKSPCF2PIS5VYVP
01-03, 1427 UTC	Gun Shop	30 chr EAM for Repco LEBXTG 4LSJLI4TKVT77ONPI4JHC5TO
01-03, 1439 UTC	Gun Shop	30 chr EAM for Repco LE2NLF BTGIMAR6FGAXISLPVX6IPQD6
01-03, 1617 UTC	Gun Shop	30 chr EAM LQBS3X HKS6XTGWXCXPYSGKNYPF5M73
01-03, 1627 UTC	Gun Shop	30 chr EAM LQTHT4 EGH5T77KI3HS23CSMYT6C7
01-03, 1631 UTC	Gun Shop	30 chr EAM LQOCGC FMPYELVWLFMEBTVU5ZEUPYIS
01-03, 1640 UTC	Gun Shop	30 chr EAM LQF62D 43IDWTPKUOPXF5VQS4ZDWUW5
01-03, 1932 UTC	X-Ray	30 chr EAM for Repco V7ELPD IJGI2AIM7UADAFJPUAFEQHMH
01-03, 1958 UTC	Dandelion	30 chr EAM LQ6F6O W44WOABSQXY4DBQHOLIVACFR
01-03, 2048 UTC	Dandelion	30 chr EAM LQXPV2 MFJ7NFL2JR4QGLXMLIDFDFOD
02-03, 0652 UTC	Take Off	30 chr EAM LQ4QOI TUVQCBERSGWJKB7KLAA4FNJS
02-03, 0646 UTC	Take Off	30 chr EAM LQZEMG 67UZDTXSG4CG5JEGN3PGYLRB
02-03, 0655 UTC	Take Off	30 chr EAM LQWNYO ZHARTCJAKO6XMAPNEJFDKCFJ
02-03, 0809 UTC	Sigonella	30 chr EAM LQR5VO I3LFCCTDFUDP4EIMO44NICXC
02-03, 1449 UTC	Sigonella	30 chr EAM LQC374 LYGORCTIQQC75DRUUKOETZDU
02-03, 1536 UTC	Cold Air	30 chr EAM for School Word V7SMSC LQIX3BVJVMR5TH6YMJRG4QBS
02-03, 1603 UTC	Cold Air	30 chr EAM for School Word V7VACM WZWVG2KAJ5OOSUKKRVB7Y7P
02-03, 1632 UTC	Cold Air	30 chr EAM LQJDDA 3Z376VOTOMB75ZK2UEEXZYNH
02-03, 1648 UTC	Cold Air	30 chr EAM LQRYSI EEVCHSU6QWZ3JHLADNFUDE4L
02-03, 1746 UTC	Cold Air	30 chr EAM LQBHH5 LNROH6GGP5WRSBBYFBE2HLI2
02-03, 1959 UTC	Take Off	30 chr EAM LQ5X5G V3KPUHEKDYNEUIK72TTOHNXU
02-03, 1958 UTC	Take Off	30 chr EAM LQVT4Y JCGPB6EVCUCKFCIBLMVUSQQJ
02-03, 2027 UTC	Take Off	30 chr EAM LQNEAB FBDN6SY2Z45KWFX4GPI4NX54
02-03, 2131 UTC	Take Off	30 chr EAM LQDJAI FPKWNSF63MQPLQN7ZWLG4YZJ
02-03, 2133 UTC	Take Off	30 chr EAM LQNEAB FBDN6SY2Z45KWFX4GPI4NX54
02-03, 2135 UTC	Take Off	30 chr EAM LQ5X5G V3KPUHEKDYNEUIK72TTOHNXU
02-03, 2032 UTC	Take Off	30 chr EAM LQNEAB FBDN6SY2Z45KWFX4GPI4NX54
02-03, 2035 UTC	Take Off	30 chr EAM LQVT4Y JCGPB6EVCUCKFCIBLMVUSQQJ
02-03, 2037 UTC	Take Off	30 chr EAM LQ5X5G V3KPUHEKDYNEUIK72TTOHNXU
02-03, 2115 UTC	Take Off	30 chr EAM LQDJAI FPKWNSF63MQPLQN7ZWLG4YZJ
03-03, 1002 UTC	Skybird	This is Skybird time 10xx Authentication xx
03-03, 1601 UTC	Swiss Boy	36 chr EAM V72GMP JPSTIZ7LEAA3MLSOGZEC7FVW3LO3T5
03-03, 1634 UTC	Swiss Boy	30 chr EAM LQUZQE YXMGEJVQJ17FIO5TS3ICHNB2
03-03, 1637 UTC	Swiss Boy	30 chr EAM LQHFBW 3A65JMB4MVUQGBIBSLE3FESE
03-03, 1653 UTC	Swiss Boy	30 chr EAM LQLNFJ Z2RGJPNUC6IROGG3MYUZZCIY
03-03, 1656 UTC	Swiss Boy	30 chr EAM V7Y3AX D53BEQURK66POWISARMGPWIR
03-03, 1717 UTC	Swiss Boy	30 chr EAM LQP37T PU6PVKUO3O47KVY6DDP7JHR7
03-03, 1738 UTC	Swiss Boy	30 chr EAM LQV3PJ AKKGJDPMLUXM3ZQWSNRA7VZV
03-03, 1750 UTC	Swiss Boy	30 chr EAM LQOAN4 KNOEXRYO4TQXKGT7EPFIQ4AC
03-03, 1752 UTC	Swiss Boy	30 chr EAM LQ34N7 WYNNNA4YSKZQTMKUHVU2ZP7G
03-03, 1807 UTC	Crazy Weed	30 chr EAM LQPREE VSFLWLFENWU7OZ3MY6GCPA7Q
03-03, 1833 UTC	Crazy Weed	30 chr EAM LQGEAB F64MVEIKNORS7TRYJBGODDLM
03-03, 1839 UTC	Crazy Weed	30 chr EAM LQST2Y 3LYQ5NIUADNE2ET6QWHGXTRI
03-03, 1922 UTC	Crazy Weed	30 chr EAM for 9-13 V7MJVZ3SZIISDZEKX3H5X7VJK7NNWB
03-03, 1052 UTC	Crazy Weed	30 chr EAM LQ36DZ QQLATCJkW2IS5FGYZIXVOGDY
04-03, 1641 UTC	Brain Cell	30 chr EAM V7ILGQ GMTBCRB7F4TAWHT626MZUCLO
04-03, 1653 UTC	Brain Cell	30 chr EAM LQ466V SXHVIZOBBDDQPDZ7OVORBT4I
04-03, 1749 UTC	Brain Cell	30 chr EAM for Benno 1-9 V73RJG Y2JLTU3XBGAKJ7BEACLSZ3MG

04-03, 1752 UTC	Brain Cell	30 chr EAM for Benno 1-9 V73RJG Y2JLTU3XBGAKJ7BEACLSZ3MG
04-03, 1841 UTC	Rub Down	30 chr EAM LQXZV3 XKBO7DFNW7LISFBRZQO4TIO3
04-03, 2038 UTC	Rub Down	68 chr EAM V7WWZG CF3PGFV6TT6VUDZDKDPPQDEQFPUF74I6DPBW BM4EDTRVTRIZ4PQD4QFPUF7D (announces 68 chrs but sends only 66 chrs)
04-03, 2055 UTC	Rub Down	41 chr EAM V77JWE OOOEMJ5G3MTELVFZQOIFZQ63KRXITER335R
04-03, 2059 UTC	Rub Down	41 chr EAM V77JWE OOOEMJ5G3MTELVFZQOIFZQ63KRXITER335R
04-03, 2102 UTC	Rub Down	30 chr EAM V7AUZN OENCA3XX7DVOKKOVHF3ZSE2M
04-03, 2129 UTC	Rub Down	30 chr EAM for Quit V7OOOZ Q2U3OROMKWROVNX75L6B6TPO
04-03, 2131 UTC	Rub Down	30 chr EAM for Quit V7C7LA J2AVB6I7VLQF5WY5WMAJTERJ
05-03, 1417 UTC	Bankbook	30 chr EAM for Thorn, V7KXPW XXEK7XQQGDPUSZLGUAUYOEPX
05-03, 1427 UTC	Bankbook	30 chr EAM for Thorn, V7BBCH DQJL2AMEC54LVKXJ5SQWQCME
05-03, 1439 UTC	Bankbook	30 chr EAM for Thorn, V7CSZX O2MLMS7IEKWHQHFLLEXZGEJ
05-03, 1447 UTC	Bankbook	30 chr EAM LQJ4VD HCM6IRV76Y3PV4UVS4ESERRZ
05-03, 1503 UTC	Bankbook	30 chr EAM for Thorn V7T4I5 HGFBGU2DQWNRWFAUZSDGH4N
05-03, 1534 UTC	Bankbook	30 chr EAM for Sqab, V7ZRPD QKTCOCYRADKPFQQUVTEW5WNA
05-03, 1536 UTC	Bankbook	30 chr EAM LQRFGH AFAWW4WT3FUGMC7NK3447QS6
05-03, 1547 UTC	Bankbook	30 chr EAM for Sqab-102, V7TBAT E6EFNPQWCH3QVRGU5556WHWV
05-03, 1628 UTC	Bankbook	30 chr EAM LQW454 U6PN72YJD5CSMLHH2VIAFEAU
05-03, 1637 UTC	Bankbook	30 chr EAM LQZBCV IBDJYXELNYPXEMGFIEWWCZ2
05-03, 1642 UTC	Bankbook	30 chr EAM LQBTXG SURAWTPTMCX2WD5WK3MJPK3P
05-03, 1647 UTC	Bankbook	30 chr EAM LQBTXG SURAWTPTMCX2WD5WK3MJPK3P
05-03, 1748 UTC	Bankbook	30 chr EAM for Rose-25, for Nesco-27, V7YVJB BOVZTVTVARCPPNMM4COBGCOG. Disregard this transmission
05-03, 1751 UTC	Bankbook	30 chr EAM for Rose-25, for Nesco-27, V7YVJB BOVZTVTVARCPPNMM4COBGCOG
05-03, 1817 UTC	Opal Rain	30 chr EAM LQALO6 DINTMA35CNL3YXVMVYMTKUHL
05-03, 1951 UTC	Opal Rain	30 chr EAM for Sqab V7RJMO HMZBBQFKN7ET7SZETZQHCTOT
05-03, 1957 UTC	Opal Rain	For Opal Rain, for Opal. Disregard this transmission. Starts again
05-03, 1957 UTC	Opal Rain	For Championship. Disregard this transmission. Starts again
05-03, 1957 UTC	Opal Rain	30 chr EAM for Championship V7IAHW TRIFQICL7TOWOOGAADPBTM3A
05-03, 2006 UTC	Bankbook	30 chr EAM for Championship V7IAHW TRIFQICL7TOWOOGAADPBTM3A
05-03, 2102 UTC	Opal Rain	30 chr EAM for Championship VTAXTQ VHU7BWPWB3YJ7DTJAJCYBBGB
05-03, 2116 UTC	Opal Rain	30 chr EAM for Championship V7FGWP FMWQCSUGUSC3W34KYBPLVTV4
05-03, 2153 UTC	Opal Rain	30 chr EAM LQTN4Q MJQ7RFXYUAAZAAFDMVTUBZ25
05-03, 2156 UTC	Opal Rain	30 chr EAM LQKVXE ZVKDHGSSBYCLXZD4CAUT3IHR
06-03, 1403 UTC	Bareback	30 chr EAM for Alkid V7KWPU UGLHAKCOIGUX3SL64AA6R47D Disregard this transmission
06-03, 1405 UTC	Bareback	30 chr EAM for Alkid V7KWPU UGLHAKCOIGUX3SL64AA6R47D
06-03, 1417 UTC	Bareback	30 chr EAM for Alkid V7X7ER EGUCAYWDWFMDDCEPEKX5HOXV
06-03, 1427 UTC	Bareback	30 chr EAM for Alkid V7IXKL J4V534CCIX7JYU2DLUR6B5WM
06-03, 1439 UTC	Bareback	30 chr EAM for Alkid V7TJA4 PZVGQ2TLR46AYZ6TSF5RSLUR
06-03, 1602 UTC	Bareback	30 chr EAM for Championship V7RMCA Z4WO2HD6RHLOUO7YO7PGCNHB
06-03, 1605 UTC	Bareback	30 chr EAM for LQSHPI GDHL3J2LFA7CU62X4ZKI7OW
06-03, 1618 UTC	Bareback	30 chr EAM for LQRK72 5IFOCIU35XXYDZPM3LAVGOOD
06-03, 1620 UTC	Bareback	30 chr EAM for LQRK72 5IFOCIU35XXYDZPM3LAVGOOD
06-03, 1623 UTC	Bareback	30 chr EAM for LQNUCG SXRIJBOWQOY4ECQYWSOTGDK
06-03, 1633 UTC	Bareback	30 chr EAM for Mount V7LM5Q VYZ5X7AWNRBBVX7YBCRWMIH2
06-03, 1653 UTC	Bareback	30 chr EAM for Mount V7CQ4K PHZ5WA42KCOYR4WS45Z4DFEP
06-03, 1747 UTC	Bareback	30 chr EAM for Championship V7C33I RGHLL2UUQKXYSGFTJU56CIE
06-03, 1803 UTC	Trousers	30 chr EAM for Championship V7KUHU YSTMXNLMARWELDLYLCM2HPS2
06-03, 1838 UTC	Trousers	30 chr EAM LQTM66 JKKIYBLH7Y762NRZMFJ4FZDH
06-03, 1902 UTC	Trousers	30 chr EAM for Mouth V7QQET 536A6522D6LCUMQH7YQ245BA
06-03, 1922 UTC	Trousers	30 chr EAM for Mouth V7NBX5 EKENAE0OULL3U3YGL77FTOD
06-03, 1958 UTC	Trousers	30 chr EAM for Championship V7E3KT IC7IZHAVVA2PDV7Q3MHKLT5
06-03, 2135 UTC	Trousers	30 chr EAM LQ5PXD LLY6EVR6DR4OOXUU7TS23TX
07-03, 0605 UTC	Skybound	30 chr EAM LQ4ULN BHOJXGBBIWHFKKUCL3SDLVS3
07-03, 0610 UTC	Skybound	30 chr EAM LQMYMN RG2IX3CSEG4HDDPVUBXBLRCA
07-03, 0749 UTC	Bareback	Test count
07-03, 1503 UTC	Bernadine	30 chr EAM for Aval V7WDH5 7BXAOAQ2TDZMUCE6PINYW5BN
07-03, 1617 UTC	Bernadine	30 chr EAM for Porter V74MSA 4BN4OTGA5SX5QB6Y6DVYC2HI
07-03, 1633 UTC	Bernadine	30 chr EAM for Block-39 HYVHGZ 5SN5J5W2L5VEOSO74G56CPJH
07-03, 1709 UTC	Bernadine	30 chr EAM for Block-39 HYURPH OJASOJKRFRQ7K7USMVT7UPOK

07-03, 1720 UTC	Bernadine	30 chr EAM LQ3F67 73AAJNAWY7XK2JGLC3BGOONO
07-03, 1739 UTC	Bernadine	30 chr EAM LQAVLM EUK5SHU6Z4XHYEAAZVJNWD5Z
07-03, 1818 UTC	Skybound	36 chr EAM HYCFGG 4FIFRB3CIKSQG6GEWQMFGMT7PTA33P Disregard this transmission
07-03, 1820 UTC	Skybound	36 chr EAM HYCFGG 4FIFRB3CIKSQG6GEWQMFGMT7PTA33P
07-03, 1833 UTC	Skybound	30 chr EAM for Porter HYIDGM DWZPB2SXB7N3L3TWYGZSHLB
07-03, 1844 UTC	Skybound	30 chr EAM for Porter HYUS4P FEL2VUQ3OCYSWQMY5TRRWIGS
07-03, 2007 UTC	Skybound	30 chr EAM LQBQCQ YSMZDKYARHBLPI3XQN5FE5AW
07-03, 2056 UTC	Skybound	30 chr EAM LQZMR6 U5DIM5D5V37ONXTXLDIET4DR
07-03, 2142 UTC	Skybound	30 chr EAM LQOZXL JPF5FIBZJHVCQAHJ7VBMGLGXU
07-03, 2152 UTC	Skybound	30 chr EAM LQA5FH QMMHPPHFDILOQBT3KTHB7CC5Y
08-03, 1553 UTC	Rub Down	30 chr EAM LQ4EQB RPSDVFS45MAF22B5KSU4JJP6
08-03, 1559 UTC	Rub Down	30 chr EAM LQ4FCX JI3W5JDD6AQJ6XT2UGIE7DED
08-03, 1715 UTC	Rub Down	30 chr EAM for Big Rocky, for Decorum HY4ANE 2AKZWC4OWVLSOHLVE5BL2VMK
08-03, 1738 UTC	Rub Down	30 chr EAM LQOUD6 LOHRLO7V6MXYDVIQ5PY4EX
08-03, 1741 UTC	Rub Down	30 chr EAM LQO6CT OMXXGKZ22MVQMBGSW5D2QQX7
08-03, 1758 UTC	Possible	30 chr EAM HYVGW4 LETT2H7DG5IBDVNRL62DHWBA
08-03, 1803 UTC	Possible	30 chr EAM LQO6CT OMXXGKZ22MVQMBGSW5D2QQX7 Disregard this transmission
08-03, 1806 UTC	Possible	30 chr EAM LQB4KT L2WOD2OP6DI6K3R6RD4VGELQ
08-03, 1809 UTC	Possible	30 chr EAM LQO6CT OMXXGKZ22MVQMBGSW5D2QQX7
08-03, 1811 UTC	Possible	30 chr EAM LQOUD6 LOHRLO7V6MXYDVIQ5PY4EX
08-03, 1814 UTC	Possible	30 chr EAM LQEMDR FRJ35G67C5EIPMGOW3JIROY5
08-03, 1916 UTC	Possible	30 chr EAM for Evolve HYCMGE KS54QS6XUTYMZCPZCHAJNUNN
08-03, 1936 UTC	Possible	30 chr EAM for Evolve HYXNYH OJK2R5HODZASRVZGTQMSLDBU
08-03, 1951 UTC	Possible	30 chr EAM for Evolve HY5QHE Y7VZ7GYEN7ZZ3FHOVKTJNEZ4
08-03, 2146 UTC	Possible	30 chr EAM for Champ-43 HYBCED XVJSIEJKW27DDMQJ34PEYDTB
08-03, 2203 UTC	Possible	30 chr EAM for Evolve HYN3LM YDV7257N5IETNSBUR6YCB6J
08-03, 2210 UTC	Possible	30 chr EAM for Evolve HYVBIP EIAOAQVIKCGQRSSFDRZUWGXB
08-03, 2217 UTC	Possible	30 chr EAM LQNRVV L7PKN5CTRNTCFXU7CX3KJK4U
09-03, 2203 UTC	Tactic	30 chr EAM for Arena HYRILC HTJIB3BWXNF7IULJUIQ4KUJ2
09-03, 2208 UTC	Tactic	30 chr EAM LQ3KFF 5X53IMAQR24F7UGNFMWNTCJV
09-03, 2224 UTC	Tactic	30 chr EAM for Arena HYEGUE 43Z7TWDX67F7LK2MVBGG74OS
10-03, 1624 UTC	Fire Opal	30 chr EAM LQ3OAD QB4D6ZTWSZOJG3IWMNHCRTTT
10-03, 1630 UTC	Fire Opal	30 chr EAM LQVFOS RPPZ733PPSYJLMA3AX3OFTI3
10-03, 1639 UTC	Fire Opal	30 chr EAM LQWJJI Q232MF434V7R2RWM5IUGKRYW
10-03, 1641 UTC	Fire Opal	30 chr EAM LQVD3K HENDV5CS5RLBNWL5EEGKIEZA
10-03, 1643 UTC	Fire Opal	30 chr EAM LQWS4N NQFCT36KZXMRDXSGIGCEZHTR
10-03, 1656 UTC	Fire Opal	30 chr EAM HYWPOL LVT7RCPGFQKQSOKM4ZK3OHWZ
10-03, 1748 UTC	Fire Opal	30 chr EAM LQJIOY BKKNU5APBY3CY2DBNNEQ2IVE
10-03, 1847 UTC	Bass Boat	30 chr EAM for Arena HYSCVX 27NVYQYW6X2CMWAIBQ2XGN5W
10-03, 1909 UTC	Bass Boat	30 chr EAM for Arena HYDUEM EVAGNQEHE24XSDBV6RGVIEJ6T
10-03, 1917 UTC	Bass Boat	30 chr EAM for Arena HYYAA3 2SNA6B3QGKKB3M2F5DALKCWV
10-03, 1951 UTC	Bass Boat	56 chr EAM APTHBL RIBZC4Z2RFPOEXLTRJPQHIIJRJL3STFYGDYNNCRXOMPSTTP76
10-03, 2105 UTC	Bass Boat	30 chr EAM LQQRYS F3A2CAU73HJPOWUA4V6G6JCY
10-03, 2134 UTC	Bass Boat	30 chr EAM LQQRYS F3A2CAU73HJPOWUA4V6G6JCY
10-03, 2144 UTC	Bass Boat	30 chr EAM LQX46T NYCVAH3HPJQABXBF46E2PGB
10-03, 2204 UTC	Bass Boat	30 chr EAM LQYHSY W3W26G7H6GKDOOOF6YQ2NYK
10-03, 2233 UTC	Bass Boat	30 chr EAM for OX Straw-54 HYAXV4 RHTKHNSTMIHIYA344VO2BDOT
10-03, 2303 UTC	Bass Boat	30 chr EAM LQYQ4L DHLY54DWMHM6EJUOSE2RSI5K
11-03, 0637 UTC	Trocadero	30 chr EAM LQMHBX JDX7KLCA5F5J4H4L7LILVCC
11-03, 0643 UTC	Trocadero	30 chr EAM LQLOLK DHLY54DWMHM6EJUOSE2RSI5K
11-03, 0742 UTC		Skyking ?? Time 42 Authentication AI
11-03, 1513 UTC	Backyard	30 chr EAM 6VJ4BO G2XQJUF3IAZP77SXCX2QDMW6
11-03, 1519 UTC	Backyard	30 chr EAM 6VHUMU 5CQFQJRCQLGC7EDW4RSY5EX3
11-03, 1535 UTC	Backyard	This is Backyard standing by for traffic
11-03, 1546 UTC	Backyard	30 chr EAM for Wild Mannered HYQRVB IELFQLJRX23U5J2S7JENCOF6
11-03, 1612 UTC	Backyard	36 chr EAM HY3XSD MSLPZ4GJV27ZS5EVIBFYV4ZVNTEKB
11-03, 1626 UTC	Backyard	30 chr EAM HYMR24 EHCSEOZOJYGFDEKK635BGBAP
11-03, 1639 UTC	Backyard	30 chr EAM HYK2LL X32TX3V5K2PZE4TOGXCVRGO
11-03, 1645 UTC	Backyard	30 chr EAM 6VD2QZ ZLMDGOYFLWTTXCWNWAQ4UMEQ
11-03, 1700 UTC	Backyard	This is Backyard standing by for traffic

11-03, 1715 UTC	Backyard	30 chr EAM 6VX26Y ZYY3UQM3M4223555BPHCFNJ5
11-03, 1921 UTC	Trocadero	30 chr EAM 6VP2ZV QWFEF5JM6U5D66V6HFT6WP7G
11-03, 1936 UTC	Trocadero	30 chr EAM 6VYECN RBOIXKC2E7V63P7G6CMY3JX6
11-03, 1953 UTC	Trocadero	30 chr EAM 6VQVDN XLBWXMCHLXR7NSD6RD6XJD7N
12-03, 2208 UTC		30 chr EAM 6VLP52 C7EQI4ASGMWCMJ4BVXRPEEBY
18-03, 0639 UTC	Delicate	30 chr EAM 6VRDU6 JJ2BZU2UCHJDMEF2EAGRKG3Z
19-03, 0606 UTC	Overdraft	EAM i.p. ZZHC17KXHH3333
19-03, 0608 UTC	Overdraft	30 chr EAM 6VGBBJ SH356TP4J4F2SK4S33U372QP
19-03, 0612 UTC	Overdraft	30 chr EAM 6VXOMJ PNYZJXIK6VFZRCM2QNJ4DVFI
19-03, 0615 UTC	Overdraft	30 chr EAM 6VR3K? YPUTNROY7G6XS2U4ED4D6G6T
19-03, 0635 UTC	Overdraft	30 chr EAM 6V3LLO 2BP2DSZFQVYJR36VRN3QVR3G
19-03, 0644 UTC	Overdraft	30 chr EAM 6VZWHQ DC3FFV3HVF4DISZ3NGOTGOXB
19-03, 0649 UTC	Wild Boar	Test count
19-03, 0658 UTC	Overdraft	Skyking South Front, time 58, Authentication WC
19-03, 1156 UTC	Overdraft	Test count
19-03, 1612 UTC	Wild Boar	30 chr EAM for Ovine-12, for Kovac-13 6I724T 3XQRR4C4IUWTL2H2Z7RFHH6
19-03, 1641 UTC	Wild Boar	30 chr EAM 6VOQVT HGVO4P5NOA4NOHXQIDBNNNJ
19-03, 2141 UTC	Overdraft	30 chr EAM 6VHRLT SG2476HWQQ6BIU7YGO63AITK
19-03, 2146 UTC	Overdraft	30 chr EAM 6V2IM7 H446ZNTDUH6CR5LN7XEW22KA
20-03, 1825 UTC	Birdsong	30 chr EAM for Torff-18 6IUI5A 3XJUVISR36LST2CMCCSPF5U3
20-03, 1841 UTC	Birdsong	30 chr EAM 6VHN4D RSPADOHXPLPJ6FNBNBK3KEKR
20-03, 1846 UTC	Birdsong	30 chr EAM 6VOBN5 3AJBJTNSEEPKDT3TJ6VK5VGP
21-03, 1617 UTC	Doolittle	30 chr EAM for Mud 6I6BES XY6CAKORFW7N4MUKBYEH7ERX
21-03, 1632 UTC	Doolittle	30 chr EAM for Mud 6IDROR XLXVFT6SHR72K2OIOPIIF7XX
21-03, 1741 UTC	Doolittle	30 chr EAM 6VOUPH WKOY6YOROPZ2KCENZUCKKGO3
21-03, 1807 UTC	Angry Cat	30 chr EAM 6VTDDN ZIUAAJKRMPYJOQTVQ2ZOFRT0
21-03, 1833 UTC	Angry Cat	30 chr EAM for Mud 6IHO6S 6O44ZLZKOX6XXII6RZMVBHBE
21-03, 1843 UTC	Angry Cat	30 chr EAM for Mud 6IMMI7 O5NR5O AQMDA47VTUF3YSMI3J
21-03, 1846 UTC	Doolittle	30 chr EAM for Mud 6I6BES XY6CAKPRFW7N4MUKBYEH7ERX
21-03, 1846 UTC	Doolittle	30 chr EAM for Mud 6VOUPH WKOY6YOROPZ2KCENZUCKKGO3
21-03, 1938 UTC	Angry Cat	30 chr EAM 6VRGAY SUBJ55IP7H2OVK647JNPN5NG
22-03, 1212 UTC	Game Time	Test count
22-03, 1217 UTC	Shirt Tail	30 chr EAM 6VAOLP 47JFB62HT4POQEN5DAGHHEX7
22-03, 1823 UTC	Game Time	30 chr EAM 6V56LA P3EZ5SNJ2XW65BKAMN3ZJI3U
23-03, 1338 UTC	Pullover	30 chr EAM for Cyril 6I6AWS 2QKGCMTX2PC2FQZYVNZM5TPX
23-03, 1403 UTC	Pullover	30 chr EAM for Cyril 6IECHB NSGZCCOZY7J5LMARQ2P607
23-03, 1416 UTC	Pullover	30 chr EAM for Cyril 6IA34F CABXCQNT2WOOO4QYMYEFWWA
23-03, 1427 UTC	Pullover	30 chr EAM for Cyril 6IACRJ ACR6ANENXPT3GU5TOPOZRYTP
23-03, 1439 UTC	Pullover	30 chr EAM for Cyril 6I3CTC FZBX42XGVX6VQ45WSWH36NIY
23-03, 1452 UTC	Pullover	52 chr EAM 6I3QHW CU3C3PSDDCS5NXZ3Y2Z3YRERM4NRNM2SAIRM7NVS3WVVS
23-03, 1503 UTC	Pullover	30 chr EAM for Cyril 6I7BPD XHGU7SCKIOW267VDPQ4FASGW
23-03, 1525 UTC	Pullover	36 chr EAM 6IM3BI VNQTCAN5QY3LZBN3B6SSU7GQVWR45L
23-03, 1533 UTC	Pullover	30 chr EAM 6I4VJ7 PBC5HW2OLTWTSGT025TH2LCJ
23-03, 1537 UTC	Pullover	30 chr EAM 6IOTVR G3V5Z4SMB7OHRAVBGGXE6VVK
23-03, 1552 UTC	Pullover	30 chr EAM 6V5RHZ YERPOBB4EW2S6GYXWDL6IGLF
23-03, 1620 UTC	Pullover	30 chr EAM 6VHEYM UMJROTGEVQGNYGZDIFL24KIP
23-03, 1949 UTC	Broad Beam	30 chr EAM 6V424B 3B2ZAJ6MZNOS74763JJICXJR
23-03, 1955 UTC	Broad Beam	30 chr EAM 6VU5XK N6AOJ3MCN5ECJUAIZCJCE72T
23-03, 2003 UTC	Broad Beam	30 chr EAM for Overate 6IMDJQ OEBZY2BAKXCYZDJV3YBJBVKY
23-03, 2006 UTC	Broad Beam	30 chr EAM 6V6GD2 XVEHNFMG4IB7SXDQGO3MYEGV
23-03, 2010 UTC	Broad Beam	30 chr EAM 6VMVJP KNRGTDWY5GVRTG3LEY3BL3U
23-03, 2017 UTC	Broad Beam	30 chr EAM for Pension 6I37DA XZIC72FOYNKKO4TTKWIBEC74
23-03, 2047 UTC	Broad Beam	30 chr EAM for Pension 6IA6DZ F6TETXEIOPTXE7BS3S2RBOP
23-03, 2104 UTC	Pullover	30 chr EAM 6V6GD2 XVEHNFMG4IB7SXDQGO3MYEGV
23-03, 2114 UTC	Broad Beam	30 chr EAM 6VX5A7 JSCVGVTSVGVIIJVFETS6DUGH
23-03, 2118 UTC	Broad Beam	30 chr EAM 6VWIEW DRSW35C6LY6VOIPSS5HXDF5AV
23-03, 1545 UTC	Roadshow	30 chr EAM 6VFOYK SMHKTTX5MJ7N4HNUTX7M6NJL
23-03, 1550 UTC	Roadshow	30 chr EAM 6VB7UW 2DMUYJVQ7A76DZVSBNTEEHU Disregard this transmission
23-03, 1553 UTC	Roadshow	30 chr EAM 6VB7UW 2DMUYJVQ7A76DZVSBNTEEHU
23-03, 1605 UTC	Roadshow	30 chr EAM 6VBR55 V5A7LGDLYDGCFCQQBAELD4H

23-03, 1709 UTC	Roadshow	30 chr EAM 6VHDR2 DQGNPKKFSPSH42IJBJEDM6T4
23-03, 1704 UTC	Bareback	30 chr EAM for Pension 6IAWKP GBWWEJPULAH2PYFLYEDZRYHF
25-03, 1617 UTC		30 chr EAM 6VMMW6 CXB2HHJSPJ3LKTCTYCLEAQL
25-03, 1747 UTC		30 chr EAM 6VO7OG 2XCMB533GGVAOIJBRTOZZDI
26-03, 1823 UTC	Overreach	30 chr EAM 6VOXME RRDRHFKX73F22QFWYC2OTHXA
26-03, 1830 UTC	Overreach	This is Overreach standing by for traffic
26-03, 1833 UTC	Overreach	30 chr EAM 6VN7MA ZDDUGJOVPNE45AXG42WI53X7
26-03, 2052 UTC	Overreach	30 chr EAM RAU43C LVPPDN4UZLXP26HRES2HGAC6
26-03, 2057 UTC	Overreach	30 chr EAM RAVKT3 TYNY76EXE3TPSHZ4PSV7ODQD
26-03, 2104 UTC	Overreach	30 chr EAM RA57P4 C6OAK2CYQNR66IJ45A6FDDTR
26-03, 2119 UTC	Overreach	30 chr EAM RAORUM X472QLT2KYWV4KN22CJCBXLM
30-03, 1502 UTC	Shut Out	36 chr EAM HCOABL NVN2QOBCFH35YOLHKIYWCM6BK7XJDK
30-03, 1533 UTC	Shut Out	30 chr EAM RADYGY PIMYQKG4M7I2DNFIKFAPEJC
30-03, 1538 UTC	Shut Out	30 chr EAM RAQDK5 XX6JBQXZQIK45WZTD5QUNA36
30-03, 1554 UTC	Shut Out	30 chr EAM HCOLWK BP4VIPYG7ATB7PJ6CF22M6MB
30-03, 1630 UTC	Shut Out	30 chr EAM RAFLYY BGWC4RPK7LD2LLXAGESR3P4D
30-03, 1632 UTC	Shut Out	This is Shut Out standing by for traffic
30-03, 1641 UTC	Shut Out	30 chr EAM RARIFP EHQCOEFEWZE6Z7RM4GL6FXR5 Disregard this transmisson
30-03, 1643 UTC	Shut Out	30 chr EAM RARIFP EHQCOEFEWZE6Z7RM4GL6FXR5
30-03, 2013 UTC	Whizzbang	30 chr EAM RA3HVG YTFIAGBJ6MAVQZW4CDBULDCZ
31-03, 1530 UTC	Doorbell	30 chr EAM RAHI3F P3M2UT2CHMKFCT6ALKZ4UFOP
31-03, 1545 UTC	Doorbell	30 chr EAM HC2XBB HWMZIEHWETH464YXLOCQRR3Y
31-03, 1609 UTC	Doorbell	30 chr EAM RAC4VA MIJ3NUW3DUBYWYXVBSGOEWW2
31-03, 1630 UTC	Doorbell	This is Doorbell standing by for traffic
31-03, 1739 UTC	Doorbell	48 chr EAM CVZ7DK BWI73M5Z4P77WTVV7MKRKMMDATWKCLLFRU6VFUE6
31-03, 1823 UTC	Twin Bed	30 chr EAM for Duck-82 HCAV5J PM2WXHFRKEMHTNXXFPEZD7C
31-03, 1930 UTC	Twin Bed	This is Twin Bed standing by for traffic
31-03, 2001 UTC	Twin Bed	30 chr EAM RAINJU GD3VN22APT2IT25IRWP2QHMY
31-03, 2005 UTC	Twin Bed	30 chr EAM RAVVEP MAI7367KODZUJYR4VJDJLJZW
31-03, 2026 UTC	Twin Bed	30 chr EAM RAUQP4 WID47E4UT4XFNRNTESWKJ5RW

LOGS SECTION

Loge sorted on code, date and time.

Code	Freq	Date	UTC	Day	Details	Mode	Ctrl
---	4640	8-3	1935	Tue	3Z9 DE 7N4 QRU	CW	(JPL-HK)
---	9156	29-3	1502	Tue	i.p. LAAPONGKLE KWL WU KAA WGUAY C84V = WU KAA WGUAY AGDAAODONA LAOE UPCL\HANUOE ...	CW	(JPL-Sib)
ARM	6450	1-3	1545	Tue	Armenian Air Defense. Bearings	USB	(F5JBR)
CZE	18320	11-3	1112	Fri	CZE embassy, Islamabad wkg MFA Prague: ISLAMA- BAD@____.mzv.cz. From CN=ISLAMABAD/O=ZSMZVU. Lotus Notes Release 5.0.10 March 22, 2002.	Pactor-III	(linkz)
DPRK	14775	11-3	0733	Fri	North Korean diplo (QSX 16450 kHz)	DPRK-ARQ 600/600 LSB	(linkz)
DPRK	18455	11-3	1458	Fri	North Korean diplo	DPRK-ARQ 600/600 LSB	(linkz)
DPRK	19355	11-3	1553	Fri	North Korean diplo	DPRK-ARQ 600/600 LSB	(linkz)
DPRK	20888	11-3	1502	Fri	North Korean diplo	DPRK-ARQ 600/600 LSB	(linkz)
E06	5186	5-3	2133	Sat	891 237 20 ...	USB	(BvR)
E06	8022	15-3	1530	Tue	158 403 61 24843 23102 91796 ... 63835 87651 15171 403 61 00000	USB	(AB)
E06	12202	16-3	1430	Wed	158 403 61 24843 23102 91796 ... 63835 87651 15171 403 61 00000	USB	(w.obi)
E06	16230	3-3	0600	Thu	864 375 102 65640 03033 46544 ... 55086 97628 46173 375 102 00000	USB	(AB/HFD)
E06	16230	4-3	0600	Fri	864 375 102 65640 03033 46544 ... 55086 97628 46173 375 102 00000	USB	(AB)
E06	19325	3-3	0700	Thu	864 375 102 65640 03033 46544 ... 55086 97628 46173 375 102 00000	USB	(AB/HFD)

E06	19325	4-3	0700	Fri	864 375 102 65640 03033 46544 ... 55086 97628 46173 375 102 00000	USB	(AB)
E07	5824	29-2	2040	Mon	798 1 325 33 14100 09169 23506 ... 86307 62499 93361 000 000	AM	(PW2)
E07	5836	3-3	2130	Thu	584 584 584 000	AM	(AB/HFD)
E07	5836	24-3	2130	Thu	584 584 584 000	AM	(AB)
E07	6873	2-3	2040	Wed	288 1	AM	(HFD)
E07	6873	14-3	2040	Mon	288 1 850 33 82210 67565 22929 64658 88850 ... 94473 57475 44934 05781 31710 000 000	AM	(MPJ)
E07	6873	16-3	2040	Wed	288 1 850 33 82210 67565 22929 64658 88850 ... 94473 57475 44934 05781 31710 000 000	AM	(MPJ)
E07	6873	21-3	2040	Mon	288 1 304 35 61526 29422 79247 ... 65931 30623 00190 000 00	AM	(AB)
E07	6873	28-3	2040	Mon	288 1 697 69 22620 29629 91311 ... 32958 53773 22058 000 000	AM	(AB)
E07	6873	30-3	2040	Wed	288 1 697 69 22620 29629 91311 ... 32958 53773 22058 000 000	AM	(AB)
E07	6924	29-2	2020	Mon	798 1 325 33 14100 09169 23506 ... 86307 62499 93361 000 000	AM	(PW2)
E07	7516	3-3	2110	Thu	584 584 584 000	AM	(AB/HFD)
E07	7516	24-3	2110	Thu	584 584 584 000	AM	(AB)
E07	7516	31-3	2110	Thu	584 584 584 000	AM	(AB)
E07	7724	29-2	2000	Mon	798 1 325 33 14100 09169 23506 ... 86307 62499 93361 000 000	AM	(PW2)
E07	7873	2-3	2020	Wed	288 1	AM	(HFD/MPJ)
E07	7873	9-3	2020	Wed	288 288 288 000	AM	(MPJ)
E07	7873	14-3	2020	Mon	288 1 850 33 82210 67565 22929 64658 88850 ... 94473 57475 44934 05781 31710 000 000	AM	(MPJ)
E07	7873	16-3	2020	Wed	288 1 850 33 82210 67565 22929 64658 88850 ... 94473 57475 44934 05781 31710 000 000	AM	(MPJ)
E07	7873	21-3	2020	Mon	288 1 304 35 61526 29422 79247 ... 65931 30623 00190 000 00	AM	(AB)
E07	7873	23-3	2020	Wed	288 1 304 35 152__ 29422 79247 8944_ 23537 ... 9_546 71126 65931 30623 00190 000 000	AM	(MPJ)
E07	7873	28-3	2020	Mon	288 1 697 69 22620 29629 91311 ... 32958 53773 22058 000 000	AM	(AB)
E07	7873	30-3	2020	Wed	288 1 697 69 22620 29629 91311 ... 32958 53773 22058 000 000	AM	(AB)
E07	9273	2-3	2000	Wed	798 1 325 33 14100 09169 23506 ... 86307 62499 93361 000 000	AM	(PW2/HFD)
E07	9273	7-3	2000	Mon	inaudible signal	AM	(PW2)
E07	9273	14-3	2000	Mon	288 1 850 33 82210 67565 22929 64658 88850 ... 94473 57475 44934 05781 31710 000 000	AM	(MPJ)
E07	9273	16-3	2000	Wed	288 1 850 33 82210 67565 22929 64658 88850 ... 94473 57475 44934 05781 31710 000 000	AM	(MPJ)
E07	9273	21-3	2000	Mon	288 1 304 35 61526 29422 79247 ... 65931 30623 00190 000 000	AM	(AB)
E07	9273	23-3	2000	Wed	288 1 304 35 ...	AM	(MPJ)
E07	9273	28-3	2000	Mon	288 1 697 69 22620 29629 91311 ... 32958 53773 22058 000 000	AM	(AB)
E07	9273	30-3	2000	Wed	288 1 697 69 22620 29629 91311 ... 32958 53773 22058 000 000	AM	(AB)
E07	10112	2-3	0700	Wed	111 111 111 000	USB	(AB)
E07	10112	5-3	0702	Sat	111 111 111 000 (2 mins late)	USB	(AB)
E07	10112	12-3	0702	Sat	111 111 111 000 (1 min late)	USB	(AB)
E07	10112	19-3	0702	Sat	111 111 111 000	USB	(AB)
E07	10112	26-3	0700	Sat	111 111 111 000	USB	(AB)
E07	10739	13-3	1840	Sun	417 1 697 47 81315 18038 26828 ... 38243 78323 15362 000 000	AM	(AB/MPJ)
E07	10739	16-3	1840	Wed	417 1 697 47 81315 18038 26828 ... 38243 78323 15362 000 000	AM	(AB/MPJ)
E07	10739	23-3	1840	Wed	417 1 365 61 00893 56735 10373 ... 80146 29348 22044 000 000	AM	(AB/MPJ/VH)
E07	10739	27-3	1840	Sun	417 2 168 70 85446 74917 99997 ... 96920 78724 31546 417 2 365 61 00893 56735 10373 ... 80146 29348 22044 000 000	AM	(AB/Danix/MPJ/ QSR/PW2)
E07	10739	30-3	1840	Wed	417 1 168 70 ...	AM	(AB/MPJ)

E07	11112	2-3	0720	Wed	111 111 111 000	USB	(AB)
E07	11112	5-3	0720	Sat	111 111 111 000	USB	(AB)
E07	11112	12-3	0720	Sat	111 111 111 000	USB	(AB)
E07	11112	19-3	0720	Sat	111 111 111 000	USB	(AB)
E07	11112	26-3	0700	Sat	111 111 111 000	USB	(AB)
E07	12139	2-3	1820	Wed	417 417 417 000	AM	(AB/HFD/PW2)
E07	12139	6-3	1820	Sun	417 417 417 000	AM	(AB)
E07	12139	13-3	1820	Sun	417 1 697 47 81315 18038 26828 ... 38243 78323 15362 000 000	AM	(AB/MPJ)
E07	12139	16-3	1820	Wed	417 1 697 47 81315 18038 26828 ... 38243 78323 15362 000 000	AM	(AB)
E07	12139	20-3	1820	Sun	417 417 417 000	AM	(AB)
E07	12139	23-3	1820	Wed	417 1 365 61 00893 56735 10373 ... 80146 29348 22044 000 000	AM	(AB/VH)
E07	12139	27-3	1820	Sun	417 2 168 70 85446 74917 99997 ... 96920 78724 31546 417 2 365 61 00893 56735 10373 ... 80146 29348 22044 000 000	AM	(AB/Danix/MPJ/ QSR/PW2)
E07	12139	30-3	1820	Wed	417 1 168 70 ...	AM	(AB)
E07	13439	2-3	1800	Wed	417 417 417 000	AM	(AB/MPJ/HFD/P W2)
E07	13439	6-3	1800	Sun	417 417 417 000	AM	(AB)
E07	13439	13-3	1800	Sun	417 1 697 47 81315 18038 26828 ... 38243 78323 15362 000 000	AM	(AB/MPJ)
E07	13439	16-3	1800	Wed	417 1 697 47 81315 18038 26828 ... 38243 78323 15362 000 000	AM	(AB/MPJ)
E07	13439	20-3	1800	Sun	417 417 417 000	AM	(AB/MPJ)
E07	13439	23-3	1800	Wed	417 1 365 61 00893 56735 10373 ... 80146 29348 22044 000 000	AM	(AB/VH)
E07	13439	27-3	1800	Sun	417 2 168 70 85446 74917 99997 ... 96920 78724 31546 417 2 365 61 00893 56735 10373 ... 80146 29348 22044 000 000	AM	(AB/Danix/MPJ/ QSR/PW2)
E07	13439	30-3	1800	Wed	417 1 168 70 ...	AM	(AB)
E07a	4577	23-3	2140	Wed	825 1 62410 7159 73 67182 17995 48066 ... 48069 44653 38233 000 000	USB	(AB/GHn/VH)
E07a	5277	16-3	2120	Wed	825 825 825 000	USB	(AB)
E07a	5277	23-3	2120	Wed	825 1 62410 7159 73 67182 17995 48066 ... 48069 44653 38233 000 000	USB	(AB/VH)
E07a	5277	30-3	2120	Wed	825 825 825 000	USB	(AB)
E07a	5877	16-3	2100	Wed	825 825 825 000	USB	(AB)
E07a	5877	23-3	2100	Wed	825 1 62410 7159 73 67182 17995 48066 ... 48069 44653 38233 000 000	USB	(AB/VH)
E07a	5877	30-3	2100	Wed	825 825 825 000	USB	(AB)
E07a	5877	30-3	2100	Wed	825 825 825 000	USB	(AB)
E07a	6922	3-3	0530	Thu	913 913 913 000	USB	(HFD)
E07a	6922	24-3	0630	Thu	913 1 62410 7159 73 67182 17995 48066 ... 48069 44653 38233 000 000	USB	(AB)
E07a	6922	31-3	0530	Thu	913 913 913 000	USB	(AB)
E07a	8122	3-3	0550	Thu	913 913 913 000	USB	(AB/HFD)
E07a	8122	24-3	0650	Thu	913 1 62410 7159 73 67182 17995 48066 ... 48069 44653 38233 000 000	USB	(AB)
E07a	8122	31-3	0550	Thu	913 913 913 000	USB	(AB)
E07a	9322	24-3	0710	Thu	913 1 62410 7159 73 67182 17995 48066 ... 48069 44653 38233 000 000	USB	(AB)
E07a	9347	4-3	1610	Fri	413 000	USB	(PW2)
E07a	9373	18-3	1650	Fri	413 1 10197 7285 71 05645 77079 11816 ... 42012 05435 93770 000 000	USB	(AB/MPJ)
E07a	10173	4-3	1630	Fri	413 413 413 000	USB	(GHn/MPJ/HFD)
E07a	10173	11-3	1630	Fri	413 413 413 000	USB	(AB)
E07a	10173	18-3	1630	Fri	413 1 10197 7285 71 05645 77079 11816 ... 42012 05435 93770 000 000	USB	(AB/MPJ)
E07a	10173	25-3	1630	Fri	413 413 413 000	USB	(AB)
E07a	11133	5-3	0900	Sat	114 114 114 000	USB	(AB/HFD)
E07a	11133	12-3	0900	Sat	114 114 114 000	USB	(AB)
E07a	11133	19-3	0900	Sat	114 1 10197 7285 71 05645 77079 11816 ... 42012 05435 93770 000 000	USB	(AB)
E07a	11133	26-3	0900	Sat	114 114 114 000	USB	(AB)
E07a	11473	4-3	1610	Fri	413 0	USB	(HFD)

E07a	11473	11-3	1610	Fri	413 413 413 000	USB	(AB)
E07a	11473	18-3	1610	Fri	413 1 10197 7285 71 05645 77079 11816 ... 42012 05435 93770 000 000	USB	(AB/MPJ)
E07a	11473	25-3	1610	Fri	413 413 413 000	USB	(AB)
E07a	12133	5-3	0920	Sat	114 114 114 000	USB	(AB/HFD)
E07a	12133	12-3	0920	Sat	114 114 114 000	USB	(AB)
E07a	12133	19-3	0920	Sat	114 1 10197 7285 71 05645 77079 11816 ... 42012 05435 93770 000 000	USB	(AB)
E07a	12133	26-3	0920	Sat	114 114 114 000	USB	(AB)
E07a	13433	19-3	0940	Sat	114 1 10197 7285 71 05645 77079 11816 ... 42012 05435 93770 000 000	USB	(AB)
E11	4505	1-3	1605	Tue	252/00	USB	(PW2)
E11	6304	21-3	0450	Mon	416/00	USB	(HFD)
E11	6304	28-3	0450	Mon	416/00	USB	(AB)
E11	6397	1-3	1605	Tue	232/00	USB	(HFD)
E11	6397	8-3	1605	Tue	232/00	USB	(PW2)
E11	6397	8-3	1605	Tue	232/00	USB	(AB)
E11	6397	13-3	1605	Sun	232/00	USB	(MPJ)
E11	6397	22-3	1605	Tue	232/00	USB	(AB/MPJ)
E11	6397	27-3	1605	Sun	232/00	USB	(AB/MPJ)
E11	6923	3-3	0820	Thu	438/00	USB	(HFD)
E11	6923	10-3	0820	Thu	438/00	USB	(AB)
E11	6923	17-3	0820	Thu	438/00	USB	(AB)
E11	6923	28-3	0820	Mon	438/00	USB	(AB)
E11	6923	31-3	0815	Thu	438/00	USB	(AB)
E11	6932	3-3	0820	Thu	438/00	USB	(PW2)
E11	7377	11-3	2000	Fri	576/00	USB	(HFD)
E11	7377	18-3	2000	Fri	576/00	USB	(AB)
E11	7850	2-3	0315	Wed	253/00	USB	(HFD)
E11	7850	16-3	0315	Wed	253/00	USB	(VH)
E11	8102	1-3	1045	Tue	576/00	USB	(AB/PW2/HFD)
E11	8102	8-3	1145	Tue	576/00	USB	(AB)
E11	8102	15-3	1045	Tue	576/00	USB	(AB)
E11	8102	22-3	1045	Tue	576/33 Attention 94829 85147 01886 ... 07373 98037 15393 Attention, rpt msg, out	USB	(AB)
E11	8102	29-3	1045	Tue	576/00	USB	(AB)
E11	8186	12-3	2005	Sat	363/00	USB	(MPJ)
E11	8186	13-3	2005	Sun	363/00	USB	(MPJ)
E11	8186	19-3	2005	Sat	363/00	USB	(AB)
E11	8186	20-3	2005	Sun	363/00	USB	(MPJ)
E11	8186	26-3	2010	Sat	363/00	USB	(Lio)
E11	8186	27-3	2005	Sun	363/00	USB	(AB/MPJ)
E11	8803	2-3	0930	Wed	270/00	USB	(AB/HFD)
E11	8803	3-3	0930	Thu	270/00	USB	(AB)
E11	8803	10-3	0930	Thu	270/00	USB	(AB)
E11	8803	16-3	0930	Wed	270/00	USB	(AB)
E11	8803	30-3	0930	Wed	270/00	USB	(AB)
E11	8803	31-3	0930	Thu	270/00	USB	(AB)
E11	9371	3-3	1730	Thu	416/00	USB	(PW2)
E11	9371	3-3	1730	Thu	416/00	USB	(MPJ)
E11	9371	10-3	1730	Thu	416/00	USB	(AB/MPJ/HFD/P W2)
E11	9371	17-3	1730	Thu	415/34 Attention 67059 45913 64425 85482 01436 ... 47805 83458 81312 11780 52736	USB	(MPJ)
E11	9371	24-3	1730	Thu	416/00	USB	(AB/MPJ)
E11	9399	2-3	0900	Wed	534/00	USB	(HFD)
E11	9399	14-3	0900	Mon	534/00	USB	(AB)
E11	9399	16-3	0900	Wed	534/00	USB	(AB/Benka)
E11	9399	21-3	0900	Mon	534/00	USB	(AB)
E11	9399	23-3	0900	Wed	534/00	USB	(AB)
E11	9399	28-3	0900	Mon	534/00	USB	(AB)
E11	9399	30-3	0900	Wed	534/00	USB	(AB)
E11	9443	1-3	1205	Tue	469/00	USB	(HFD/PW2)
E11	9443	2-3	1205	Wed	469/00	USB	(MPJ)
E11	9443	8-3	1205	Tue	469/00	USB	(AB)
E11	9443	9-3	1205	Wed	469/00	USB	(AB)
E11	9443	15-3	1205	Tue	469/00	USB	(AB/MPJ)

E11	9443	16-3	1205	Wed	469/00		USB	(AB)
E11	9443	22-3	1205	Tue	469/00		USB	(AB)
E11	9443	23-3	1205	Wed	469/00		USB	(AB/MPJ)
E11	10213	9-3	1705	Wed	392/00		USB	(MPJ)
E11	10213	12-3	1705	Sat	392/00		USB	(GHn/MPJ)
E11	10213	14-3	0745	Mon	262/00		USB	(AB)
E11	10213	16-3	1705	Wed	392/00		USB	(MPJ)
E11	10213	19-3	1705	Sat	392/00		USB	(AB)
E11	10213	21-3	0745	Mon	267/34 Attention 49130 58642 39009 ... 86941 92093		USB	(AB)
					80281 Attention, rpt msg, out			
E11	10213	23-3	1705	Wed	392/00		USB	(MPJ)
E11	10213	26-3	1704	Sat	392/00		USB	(MPJ)
E11	10213	30-3	1705	Wed	392/00		USB	(AB)
E11	10221	1-3	0710	Tue	633/00		USB	(AB)
E11	10221	4-3	0710	Fri	633/00		USB	(AB)
E11	10221	18-3	0710	Fri	633/00		USB	(AB)
E11	10221	29-3	0710	Tue	633/00		USB	(AB)
E11	10330	3-3	1530	Thu	262/00		USB	(PW2)
E11	10330	10-3	1530	Thu	262/00		USB	(AB/MPJ/HFD)
E11	10330	17-3	1530	Thu	262/00		USB	(AB)
E11	10330	31-3	1530	Thu	262/00		USB	(AB/GHn)
E11	10448	2-3	1625	Wed	972/00		USB	(HFD/PW2/MPJ)
E11	10448	9-3	1625	Wed	972/00		USB	(MPJ)
E11	10448	13-3	1625	Sun	972/00		USB	(MPJ)
E11	10448	16-3	1625	Wed	972/00		USB	(MPJ)
E11	10448	20-3	1625	Sun	972/00		USB	(MPJ)
E11	10448	30-3	1625	Wed	972/00		USB	(AB)
E11	10620	1-3	1925	Tue	551/00		USB	(HFD)
E11	10620	3-3	1925	Thu	551/00		USB	(MPJ)
E11	10620	22-3	1925	Tue	551/00		USB	(MPJ)
E11	10620	24-3	1925	Thu	551/00		USB	(MPJ)
E11	10620	31-3	1925	Thu	551/00		USB	(MPJ)
E11	10641	1-3	1450	Tue	441/00		USB	(PW2)
E11	10641	3-3	1450	Thu	441/00		USB	(PW2/AB)
E11	10641	10-3	1450	Thu	441/00		USB	(AB/MPJ)
E11	10641	15-3	1450	Tue	441/00		USB	(AB)
E11	10641	17-3	1450	Thu	441/00		USB	(AB/MPJ)
E11	10641	22-3	1450	Tue	441/00		USB	(AB)
E11	10641	24-3	1450	Thu	441/00		USB	(AB/MPJ)
E11	10690	4-3	0830	Fri	649/00		USB	(AB/HFD)
E11	10690	21-3	0830	Mon	649/00		USB	(AB)
E11	10800	1-3	0645	Tue	517/00		USB	(AB/HFD)
E11	10800	3-3	0645	Thu	517/00		USB	(AB)
E11	10800	8-3	0645	Tue	517/00		USB	(AB)
E11	10800	15-3	0645	Tue	517/00		USB	(AB)
E11	10800	17-3	0645	Thu	517/00		USB	(AB)
E11	10800	29-3	0645	Tue	517/00		USB	(AB)
E11	10800	31-3	0645	Thu	517/00		USB	(AB)
E11	11450	2-3	0805	Wed	311/00		USB	(AB/HFD)
E11	11450	9-3	0805	Wed	311/00		USB	(AB)
E11	11450	20-3	0805	Sun	311/00		USB	(AB)
E11	11450	30-3	0800	Wed	311/00		USB	(AB)
E11	13046	1-3	1345	Tue	918/40 68471		USB	(HFD)
E11	13046	12-3	1345	Sat	911/00		USB	(MPJ)
E11	13046	15-3	1345	Tue	911/00		USB	(AB/MPJ)
E11	13046	19-3	1345	Sat	911/00		USB	(AB)
E11	13046	22-3	1345	Tue	911/00		USB	(MPJ)
E11	14575	1-3	0745	Tue	335/00		USB	(HFD)
E11	14575	15-3	0745	Tue	335/00		USB	(AB)
E11	14575	22-3	0745	Tue	335/00		USB	(AB)
E11	14575	24-3	0745	Thu	335/00		USB	(AB)
E11	14769	3-3	0710	Thu	491/00		USB	(HFD)
E11	14769	5-3	0710	Sat	491/00		USB	(AB)
E11	14769	12-3	0710	Sat	498/31 Attention ...		USB	(AB)
E11	14769	24-3	0710	Thu	491/00		USB	(AB)
E11	14769	26-3	0710	Sat	491/00		USB	(AB)

E11	15632	1-3	1300	Tue	133/00		USB	(AB/MPJ/PW2/HFD)
E11	15632	2-3	1300	Wed	133/00		USB	(MPJ)
E11	15632	15-3	1300	Tue	133/00		USB	(AB/MPJ)
E11	15632	22-3	1300	Tue	133/00		USB	(MPJ)
E11	15632	23-3	1300	Wed	133/00		USB	(AB/MPJ)
E11	15632	30-3	1300	Wed	133/00		USB	(AB)
E11	15825	4-3	0730	Fri	352/00		USB	(AB)
E11	15825	11-3	0730	Fri	353/36 Attention 16707 55314 36607 ... 99625 65846 33004 Attention, rpt msg, out		USB	(AB)
E11	15825	18-3	0730	Fri	352/00		USB	(AB)
E11	15825	25-3	0730	Fri	325/00		USB	(AB)
E11	15825	27-3	0730	Sun	352/00		USB	(AB)
E11	15915	2-3	0545	Wed	348/00		USB	(HFD)
E11	15915	6-3	1540	Sun	228/00		USB	(HFD)
E11	15915	13-3	1540	Sun	228/00		USB	(AB/MPJ)
E11	15915	30-3	0545	Wed	348/00		USB	(AB)
E11	20286	11-3	1228	Fri	528/23 Attention...		USB	(linkz)
E11	20286	18-3	1225	Fri	521/00		USB	(HFD)
E11	20286	28-3	1225	Mon	521/00		USB	(AB)
E11a	6397	15-3	1605	Tue	237/40 Attention 15437 85343 18468 ... 42658 81772 99968 Attention, rpt msg, out		USB	(AB)
E11a	6397	20-3	1605	Sun	237/40 Attention 15437 85343 18468 69718 18077 ... 39854 06482 42658 81772 99968		USB	(MPJ)
E11a	6923	21-3	0820	Mon	434/37 Attention 65208 09592 75373 ... 56623 36350 59369 Attention, rpt msg, out		USB	(AB)
E11a	6923	24-3	0820	Thu	434/37 Attention 65208 09592 75373 ... 56623 36350 59369 Attention, rpt msg, out		USB	(AB)
E11a	8186	5-3	2005	Sat	366/32 64947		USB	(HFD)
E11a	8186	6-3	1705	Sun	366/32 Attention 67907 73903 92939 ... 69705 29369 46024 Attention, rpt msg, out		USB	(GHn)
E11a	8803	23-3	0930	Wed	275/40 Attention 90782 36052 24693 ... 30019 66731 00744 Attention, rpt msg, out		USB	(AB)
E11a	8803	24-3	0930	Thu	275/40 Attention 90782 36052 24693 ... 30019 66731 00744 Attention, rpt msg, out		USB	(AB)
E11a	9399	7-3	0900	Mon	535/34 Attention 26200 64386 36135 ... 29860 10711 01849 Attention, rpt msg, out		USB	(AB)
E11a	9399	9-3	0900	Wed	535/34 Attention 26200 64386 36135 ... 29860 10711 01849 Attention, rpt msg, out		USB	(AB)
E11a	9443	29-3	1205	Tue	469/35 Attention 30202 48189 33095 ... 61565 79597 97907 Attention, rpt msg, out		USB	(AB)
E11a	9443	30-3	1205	Wed	469/35 Attention 30202 48189 33095 ... 61565 79597 97907 Attention, rpt msg, out		USB	(AB)
E11a	10213	2-3	1705	Wed	395/32 Attention 51527 65183 68702 ... 53285 32017 30357 Attention, rpt msg, out		USB	(AB/MPJ/HFD)
E11a	10213	7-3	1705	Mon	262/00		USB	(AB)
E11a	10221	8-3	0710	Tue	637/37 Attention 38158 14142 43148 ... 40274 98580 69694 Attention, rpt msg, out		USB	(AB/HFD)
E11a	10221	11-3	0710	Fri	637/37 Attention 38158 14142 43148 ... 40274 98580 69694 Attention, rpt msg, out		USB	(AB)
E11a	10221	15-3	0710	Tue	633/00		USB	(AB)
E11a	10221	22-3	0710	Tue	633/00		USB	(AB)
E11a	10221	25-3	0710	Fri	633/00		USB	(AB)
E11a	10330	24-3	1530	Thu	267/34 Attention 49130 58642 39009 ... 86941 92093 80281 Attention, rpt msg, out		USB	(AB/MPJ)
E11a	10448	23-3	1625	Wed	978/34 Attention 88251 59754 67257 ... 13516 24729 74853 Attention, rpt msg, out		USB	(VH/MPJ)
E11a	10448	27-3	1625	Sun	978/34 Attention 88251 59754 67257 ... 13516 24729 74853 Attention, rpt msg, out		USB	(AB/MPJ)
E11a	10620	15-3	1925	Tue	523/31 75221 47466 08618 15240 13263 ... 89088 72511 30879 69068 26250		USB	(MPJ)
E11a	10641	31-3	1450	Thu	440/39 Attention ...		USB	(AB)
E11a	10690	14-3	0830	Mon	647/37 Attention 32376 65818 76675 ... 36449 84840 70161 Attention, rpt msg, out		USB	(AB)
E11a	10690	18-3	0830	Fri	647/37 Attention 32376 65818 76675 ... 36449 84840 70161 Attention, rpt msg, out		USB	(AB)

E11a	10800	22-3	0645	Tue	515/33 Attention 67011 07518 67919 ... 10960 93156 34768 Attention, rpt msg, out	USB	(AB)
E11a	10800	24-3	0645	Thu	515/33 Attention 67011 07518 67919 ... 10960 93156 34768 Attention, rpt msg, out	USB	(AB)
E11a	11450	27-3	0805	Sun	319/31 Attention 90296 40685 94136 ... 54958 21892 48704 Attention, rpt msg, out	USB	(AB)
E11a	14575	31-3	0745	Thu	337/36 Attention ...	USB	(AB)
E11a	15632	8-3	1300	Tue	134/33 Attention 50755 47067 92306 ... 26663 09883 86869 Attention, rpt msg, out	USB	(AB)
E11a	15632	9-3	1300	Wed	134/33 Attention 50755 47067 92306 ... 26663 09883 86869 Attention, rpt msg, out	USB	(AB)
E11a	15825	11-3	0730	Fri	353/36	USB	(HFD)
E11a	15915	21-3	1540	Mon	229/33 Attention 61588 84312 09578 ... 12282 62958 09767 Attention, rpt msg, out	USB	(AB)
E17z	12930	3-3	0810	Thu	674 339 5 46062 65672 97478 39685 30485 339 5 00000	USB	(AB/HFD)
E17z	12930	10-3	0810	Thu	674 239 5 46062 68072 77478 39685 30485 239 5 00000	USB	(AB)
E17z	12930	24-3	0800	Thu	674 235 8 34031 33430 48536 84906 39698 45454 35803 47332 235 8 00000	USB	(AB)
E17z	12930	31-3	0810	Thu	674 674 674 00000	USB	(AB)
E17z	14260	3-3	0800	Thu	674 339 5 46062 65672 97478 39685 30485 339 5 00000	USB	(AB/HFD)
E17z	14260	10-3	0800	Thu	674 239 5 46062 68072 77478 39685 30485 239 5 00000	USB	(AB)
E25	6140	6-3	0755	Sun	116 1080 5739 4540 7313 7225 7971 9944 8028 Rebeat Rebeat Rebeat rpt msg EPM EOT	AM	(qsr711/PW2)
E25	6140	6-3	0958	Sun	570 1073 9073 1614 8626 1432 9887 3948 Rebeat Rebeat Rebeat rpt msg EOM EOT. Windows 7 sound at the end.	AM	(qsr711/PW2)
E25	6140	7-3	0955	Mon	570 1073 9073 1614 8626 1432 9887 3948	AM	(qsr711)
E25	6140	8-3	0925	Tue	333 1080 5321 9468 4876 4732 8606 6437 5321 Rebeat Rebeat Rebeat rpt msg	AM	(qsr711/PW2)
E25	6140	9-3	0926	Wed	at 0926, 0932, 1135, 1138 UTC possible carrier noise on 6140 AM, probably failed transmissions.	AM	(qsr711)
E25	6140	22-3	0723	Tue	Carrier switching on and off on 6140 kHz.	AM	(qsr711)
E25	6140	22-3	0917	Tue	Carrier up on 6140 until 0942z. Many windows 7 sounds during this period, but no actual message sent.	AM	(qsr711/PW2)
E25	6140	22-3	0955	Tue	350 6479 7580 3021 0480 4985 4012 0510 7164 0612 4107 7620 7580 Rebeat Rebeat Rebeat rpt msg	AM	(qsr711)
E25	6140	23-3	0900	Wed	111 4811 7810 3011 7806 5591 7534 2585 1052 0919 6770 7810 Rebeat rpt msg Windows 7 sounds	AM	(qsr711/PW2)
E25	6140	23-3	0915	Wed	950 3021 9347 0601 9755 9501 7180 8819 8436 2484 4065 7777 0601 Rebeat Rebeat Rebeat rpt msg EOM EOT	AM	(qsr711/PW2)
E25	6140	24-3	1130	Thu	Carrier switching on and off with some windows 7 sounds //9450 kHz	AM	(qsr711)
E25	6140	28-3	0750	Mon	at 0750, 0803, 0808, 0818 UTC. Carrier switching on and off on 6140 kHz	AM	(qsr711)
E25	9450	24-3	1130	Thu	Carrier switching on and off with some windows 7 sounds //6140 kHz	AM	(qsr711)
E25	9450	24-3	1210	Thu	Enta Omri. 837 1021 1580 2368 2827 8197 8039 9441 1331 8517 4396 1580 7907 Rebeat rpt msg EOM EOT. Windows 7 sounds	AM	(qsr711/PW2)
E25	9540	24-3	1217	Thu	i.p.	AM	(VH)
E25	9600	3-3	1329	Thu	Test using Radio Cairo's Abu Zabal transmitters	AM	(qsr711)
E25a	6140	7-3	0800	Mon	117 1 [...] Msg x2 117 1... Transmission ends abruptly around 0803z.	AM	(qsr711/PW2)
EGY	9055	14-3	2050	Mon	MFA Cairo clg RCVB Egyptian embassy Kinshasa	SITOR-A 100/170	(PPA)
EGY	9066	14-3	1738	Mon	MFA Cairo clg OOVQ Egyptian embassy Beijing	SITOR-A 100/170	(PPA)
EGY	9066	15-3	1840	Tue	11105: Egyptian embassy Londen clg/wkg 99910 MFA Cairo	Codan chirp	(PPA)
EGY	9066	16-3	1811	Wed	1: Egyptian embassy Algiers clg 99909 Cairo	Codan chirp	(PPA)
EGY	20066	7-3	0910	Mon	MFA Cairo. Encrypted messages	Codan-16	(F5JBR)
G06	4767	14-3	1700	Mon	574 614 107 20948	USB	(HFD)
G06	4953	14-3	1800	Mon	574 (R) 614 107 20948 14637 98118 ... 64429 91634 23015 614 614 107 107 00000	USB	(AB/MPJ)
G06	4953	14-3	1800	Mon	574 614 107 20948	USB	(HFD)
G06	5186	9-3	1200	Wed	248 0	USB	(HFD)

G06	5186	16-3	1200	Wed	574 ? unreadable	USB	(AB)
G06	5442	27-3	1840	Sun	947 317 90 37839 35787 98273 ...	USB	(AB/MPJ)
G06	6810	7-3	0759	Mon	329 329 329 00000 (1 min early)	USB	(AB/F5JBR/HFD)
G06	6810	21-3	0709	Mon	111 111 111 00000	USB	(F5JBR)
G06	6810	21-3	0800	Mon	329 329 329 00000	USB	(AB/F5JBR)
HM01	9065	4-3	0757	Fri	15723 36151 40536 36264 5774 34414	AM/RDFT	(AB)
HM01	9065	14-3	0758	Mon	47775 22151 57321 30156 63512 28724	AM/RDFT	(AB)
HM01	9240	4-3	0857	Fri	15723 36151 40536 36264 5774 34414	AM/RDFT	(AB)
HM01	9240	25-3	0858	Fri	56052 33866 87544 55802 88146 21561	AM/RDFT	(AB)
HM01	9330	4-3	0657	Fri	15723 36151 40536 36264 5774 34414	AM/RDFT	(AB)
HM01	9330	14-3	0658	Mon	47775 22151 57321 30156 63512 28724	AM/RDFT	(AB)
HM01	9330	20-3	0700	Sun	83544 33861 57327 02715 88141 60183	AM/RDFT	(AB)
HM01	10345	25-3	0500	Fri	56052 33866 87544 55802 88146 21561	AM/RDFT	(HFD-USA)
HM01	10715	6-3	2235	Sun	15726 36154 32311 36267 57743 34417	AM/RDFT	(JPL-HK)
HM01	10715	16-3	2220	Wed	83541 22155 57324 02712 63516 60181	AM/RDFT	(DSch)
HM01	10715	25-3	2200	Fri	56053 33867 87545 55803 88147 21561	AM/RDFT	(DSch)
HM01	10715	28-3	2153	Mon	56056 57581 87548 55806 73382 21564	AM/RDFT	(DSch)
HM01	11435	1-3	1600	Tue	15721 51329 40534 36262 54426 34412	AM/RDFT	(DSch)
HM01	11435	2-3	1616	Wed	15722 36151 40535 36263 54427 34413	AM/RDFT	(DSch)
HM01	11435	3-3	1606	Thu	15723 36151 40536 36264 5774 34414	AM/RDFT	(DSch)
HM01	11435	4-3	1600	Fri	15724 36152 40537 36265 57741 34415 Files: 63721572.TXT, 53313615.TXT, 14344053.TXT, 87543626.TXT, 50115774.F1C, 700234	AM/RDFT	(PW2)
HM01	11435	4-3	1627	Fri	15724 36152 40537 36265 57741 34415	AM/RDFT	(DSch)
HM01	11435	5-3	1601	Sat	15725 36153 32311 36266 57742 34416	AM/RDFT	(DSch)
HM01	11435	6-3	1606	Sun	15726 36154 32311 36267 57743 34417	AM/RDFT	(JPL-HK)
HM01	11435	10-3	1601	Thu	47772 36158 32315 30153 57747 28721 Files: 68254777.TXT, 53313615.TXT, 57133231.TXT, 24583015.TXT, 50115774.F1C, 78412	AM/RDFT	(PW2)
HM01	11435	10-3	1603	Thu	47772 36158 32315 30153 57747 28721	AM/RDFT	(DSch)
HM01	11435	12-3	1601	Sat	Sent few of yesterdays grps, stopped, then sent 47774 22151 32317 30155 63511 28723	AM/RDFT	(DSch)
HM01	11435	13-3	1606	Sun	47775 22151 57321 30156 63512 28724	AM/RDFT	(DSch)
HM01	11435	14-3	1606	Mon	Radio Havana briefly then 47777 22153 57322 02711 63514 28726	AM/RDFT	(DSch)
HM01	11435	15-3	1610	Tue	83541 22154 57323 02711 63515 28728	AM/RDFT	(DSch)
HM01	11435	17-3	1602	Thu	Starts with yesterday groups then new ones: 83542 22156 57325 02713 63517 60181	AM/RDFT	(DSch)
HM01	11435	18-3	1601	Fri	83543 22157 57326 02714 63518 60182	AM/RDFT	(DSch)
HM01	11435	20-3	1601	Sun	Starts with yesterday's groups, stops, then 83545 33861 57328 02716 88141 60184	AM/RDFT	(DSch)
HM01	11435	22-3	1611	Tue	56051 33864 87542 55801 88144 60187	AM/RDFT	(DSch)
HM01	11435	26-3	1600	Sat	56054 33868 87546 55804 73381 21562	AM/RDFT	(DSch)
HM01	11435	27-3	1600	Sun	Sends yesterday groups then new ones: 56055 33869 87547 55805 73381 21563	AM/RDFT	(DSch)
HM01	11435	28-3	1601	Mon	Sends yesterday groups then new ones: 56056 57581 87548 55806 73382 21564	AM/RDFT	(DSch)
HM01	11435	29-3	1601	Tue	Starts with yesterday's groups then 56057 57581 87549 55807 73383 21565	AM/RDFT	(DSch)
HM01	11435	30-3	1601	Wed	56058 57582 13521 55808 73384 21566	AM/RDFT	(DSch)
HM01	11435	31-3	1640	Thu	37271 57583 13521 88021 73385 21567	AM/RDFT	(DSch)
HM01	11462	24-3	0900	Thu	56051 33865 87543 55801 88145 60188	AM/RDFT	(AB)
HM01	11530	5-3	1657	Sat	15725 36153 32311 36266 57742 34416	AM/RDFT	(DSch)
HM01	11530	6-3	1654	Sun	15726 36154 32311 36267 57743 34417	AM/RDFT	(JPL-HK)
HM01	11530	8-3	1747	Tue	47771 36156 32313 30151 57745 34419	AM/RDFT	(DSch)
HM01	11530	9-3	1727	Wed	47771 36157 32314 30152 57746 28721	AM/RDFT	(DSch)
HM01	11530	11-3	1701	Fri	47773 36159 32316 30154 63511 28722	AM/RDFT	(DSch)
HM01	11530	16-3	1701	Wed	83541 22155 57324 02712 63516 60181	AM/RDFT	(DSch)
HM01	11530	23-3	1701	Wed	56051 33865 87543 55801 88145 60188	AM/RDFT	(DSch)
HM01	11530	25-3	1714	Fri	56053 33867 87545 55803 88147 21561	AM/RDFT	(DSch)
HM01	11530	26-3	1700	Sat	56054 33868 87546 55804 73381 21562	AM/RDFT	(DSch)
HM01	11530	29-3	1753	Tue	56057 57581 87549 55807 73383 21565	AM/RDFT	(DSch)
HM01	11635	29-2	2100	Mon	34411 70023441.TXT, 15721 63721572.TXT, 51328 50415132.F1, 40533 14344053.TXT, 36261 87543625.TXT, 54425 53385442.TXT	AM/RDFT	(PW2-USA)
HM01	11635	7-3	2057	Mon	15727 36155 32312 30151 57744 34418	AM/RDFT	(DSch)
HM01	11635	19-3	1831	Sat	83544 33861 57327 02715 88141 60183	AM/RDFT	(DSch)

HM01	11635	21-3	1611	Mon	83546 33862 87541 02717 88142 60185	AM/RDFT	(DSch)
HM01	11635	22-3	1831	Tue	56051 33864 87542 55801 88144 60187	AM/RDFT	(DSch)
HM01	11635	28-3	2053	Mon	56056 57581 87548 55806 73382 21564	AM/RDFT	(DSch)
HM01	11635	29-3	1801	Tue	56057 57581 87549 55807 73383 21565	AM/RDFT	(DSch)
HM01	12180	1-3	0957	Tue	15721 51328 50533 36261 54425 34411	AM/RDFT	(AB)
HM01	16180	19-3	2120	Sat	i.p. 83544 33861 57327 02715 88141 60183	AM/RDFT	(AB)
HM01	16180	24-3	2101	Thu	56052 33866 87544 55802 88146 21561	AM/RDFT	(DSch)
HM01	16180	29-3	2101	Tue	56057 57581 87549 55807 73383 21565	AM/RDFT	(DSch)
HM01	16180	31-3	2057	Thu	37271 57583 13521 88021 73385 21567	AM/RDFT	(DSch)
HM01	17480	15-3	2204	Tue	83541 22154 57323 02711 63515 28728	AM/RDFT	(VH)
HM01	17480	24-3	2158	Thu	56052 33866 87544 55802 88146 21561	AM/RDFT	(DSch)
HM01	17480	26-3	2159	Sat	56054 33868 87546 55804 73381 21562	AM/RDFT	(DSch)
HM01	17480	31-3	2201	Thu	37271 57583 13521 88021 73385 21567	AM/RDFT	(DSch)
HM02	6261	12-3	0625	Sat	i.p. ends with 68807 75797 94610 = 284 43 000	FSK/CW	(Benka)
HM02	6261	17-3	0620	Thu	FSK intro followed by CW: 284 53 = 15376 54332 68064 ... 52981 92010 50459 = 284 53 000	FSK/CW	(Benka)
HM02	6261	18-3	0545	Fri	FSK intro followed by CW: 154 49 = 13906 49392 55529 ... 66922 67932 02407 = 154 49 000	FSK/CW	(Benka)
HM02	6261	19-3	0546	Sat	FSK intro followed by CW: 428 46 = 36030 04537 92657 ... 92521 99671 93884 = 428 46 000	FSK/CW	(Benka)
HM02	6261	20-3	0542	Sun	FSK intro followed by 567 44 = 42629 40063 85621 ... 21077 35532 37817 = 567 44 567 44 = rpt msg = 567 44 000	FSK/CW	(AB)
HM02	6261	21-3	0548	Mon	FSK intro followed by 667 47 = 68019 90966 60535 ... 11911 76692 87381 = 667 47 667 47 = rpt msg = 667 47 000	FSK/CW	(AB)
HM02	6261	22-3	0543	Tue	FSK intro followed by CW: 418 50 = 59999 13955 11399 ... 20253 21106 21409 = 418 50 418 50 = (Repeat msg) = 418 50 000	FSK/CW	(BR)
HM02	6261	23-3	0541	Wed	FSK intro followed by CW: 184 48 = 61272 48598 18278 ... 14485 83434 37099 = 184 48 184 48 = (Repeat msg) = 184 48 000	FSK/CW	(BR)
HM02	6261	28-3	0440	Mon	FSK intro, then CW: 295 44 = 64146 15259 80337 ... 66860 00287 13153 = 295 44 pause 295 44 = repeats message = 295 44 000	FSK/CW	(BR)
HM02	6261	29-3	0440	Tue	FSK intro followed by CW: 427 46 = 88619 66245 08686 ... 84692 76912 96708 = 427 46 repeats msg = 427 46 re-peats transmission	FSK/CW	(BR)
HM02	6261	30-3	0440	Wed	FSK intro followed by CW: 568 49 = 00101 43603 21819 ... 70289 99548 64457 = 568 49 pause 568 49 = repeats message = 568 49 000	FSK/CW	(BR)
HM02	6261	31-3	0440	Thu	231 44 = 92613 57106 97655 ... 24984 33406 82402 = 231 44 pause 231 44 = repeats msg = 231 44 000	FSK/CW	(BR)
M01	5020	1-3	2000	Tue	463 596 30 20321	CW	(HFD)
M01	5020	1-3	2000	Tue	463 596 30 = = 20321 87917 46047 96961 32220 ... 98955 65165 EEEEE 98955 65165 00018 = = 596 30 000	CW	(MPJ)
M01	5020	3-3	2000	Thu	463 803 30 = 89129 15415 68830 ... 05906 04295 50662 803 30 = 000	CW	(AB/MPJ)
M01	5020	8-3	2000	Tue	463 219 30 = = 78988 97466 58523 45263 854_8 ... 30279 42985 63490 65241 12563 = = 219 30 000	CW	(MPJ)
M01	5020	15-3	2000	Tue	463 319 30 = 13348 47395 09507 ... 27715 01907 13749 = 319 30 000	CW	(MPJ)
M01	5020	17-3	2000	Thu	463 547 30 = = 18730 98538 32468 11789 08780 ... 21945 60005 88784 12055 00515 = = 547 30 000	CW	(MPJ)
M01	5020	22-3	2000	Tue	453 147 30 = = 77538 76989 46073 52290-(x3) 05456 ... 66836 95059 71233 80959 43589 = = 147 30 000	CW	(MPJ)
M01	5020	24-3	2000	Thu	463 218 30 = = 47566 98450 21899 98541 71526 ... 04566 94989 01523 01514 03123 = = 218 30 000	CW	(MPJ)
M01	5475	1-3	1800	Tue	463 255 30 = = 8..77 8..77 6641. 6641. 91154 (pauses) 02254 (pause) 03654 03654 ... 45896 45896 26587 26587 02463 = = 255 30 000	CW	(MPJ)
M01	5475	1-3	1800	Tue	463 255 30 8..77 (sent dots, no figures)	CW	(HFD)
M01	5475	3-3	1800	Thu	463 618 30 = = 12776 34502 02640 58886 56242 ... 12546 80256 80628 (80618) 43306 11939 618 30 = = 000	CW	(MPJ)
M01	5475	10-3	1800	Thu	463 146 30 = = 72974 09988 49456 05405 36381 ... 73383 07364 (07363) 48181 76280 58759 = = 146 30 000	CW	(MPJ)

M01	5475	17-3	1800	Thu	463 183 30 = 54789 89641 98614 ... 60745 26845 78549 = 183 30 000	CW	(MPJ)
M01	5475	24-3	1800	Thu	463 154 30 == 99981 02__0 46855 05516 98441 ... 53986 06203 74965 03056 56845 == 154 30 000	CW	(MPJ)
M01	6260	12-3	1500	Sat	463 174 30 79587	CW	(HFD)
M01	6511	6-3	0701	Sun	463 684 30 = 5FGs = 684 30 000	CW	(F5JBR)
M01a	3623	23-3	1633	Wed	111 333 = 111 333 03 = 25451 000 = 333 111 000	CW	(F5JBR)
M01a	3846	22-3	1654	Tue	638 87 35855 616à / à = 638 87 111 638 87 111 000	CW	(F5JBR)
M01a	4030	15-3	1650	Tue	333 333 33 335 14. 111 999 922 10 = 73601 23389 ... = 922 10. 111 000	CW	(F5JBR)
M01a	4544	18-3	1334	Fri	i.p. = 829 10 111 = 89748 111 000	CW	(F5JBR)
M01a	4642	23-3	2047	Wed	240 240 240 75112 75112. 240 240 240 75372 75372. 111 000	CW	(JPL-Sib)
M01a	4961	16-3	0928	Wed	i.p. 21541 = 101 10 111 00000	CW	(F5JBR)
M01a	5101	22-3	1355	Tue	472 472 472 943 91 472 472 472 943 91 472 472 000	CW	(F5JBR)
M01a	5258	22-3	1817	Tue	458 458 458 45278 45278 ... 111 111 000	CW	(JPL-Sib)
M01a	5796	23-3	0905	Wed	591 591 591 39044 39044 111 000	CW	(AnEur)
M01a	5809	24-3	0925	Thu	966 966 966 783 04. 966 966 000	CW	(F5JBR)
M01a	6206	22-3	1529	Tue	148 148 148 638 20 = 63159 38196 00607 ... = 419 80 000	CW	(F5JBR)
M01a	6810	4-3	0746	Fri	284 284 284 577 17 284 284 284 574 77 284 284 000 284 284 77 111 000	CW	(F5JBR)
M01b	3510	3-3	1932	Thu	201 415 ? 63 85_05 33889 02727 16815 49__ 75130 ...	MCW	(MPJ)
M01b	3510	10-3	1932	Thu	201 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //4605 kHz	MCW	(MPJ/HFD)
M01b	3510	17-3	1932	Thu	201 435 63 == 85705 33889 02727 26915 54083 ... 04144 ... (faded) 64574 60867 (faded) == 435 63 000 //4605 kHz	MCW	(MPJ)
M01b	3510	24-3	1932	Thu	201 549 39 == 49887 49981 15896 66544 26564 ... 05065 16544 65463 65489 78323 == 549 39 000 //4605 kHz	MCW	(MPJ)
M01b	3510	31-3	1832	Thu	201 549 39 == 49887 49981 15896 66544 26564 ... 05065 16544 65463 65489 78323 == 549 39 000 //4605 kHz	MCW	(MPJ)
M01b	3520	11-3	2110	Fri	582 435 63 85705 //4585	CW	(HFD)
M01b	3535	7-3	1910	Mon	420 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //4590 kHz	MCW	(MPJ/HFD)
M01b	3625	4-3	2002	Fri	153 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //4940 kHz	MCW	(MPJ)
M01b	3625	11-3	2002	Fri	153 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 (?) 87569 64694 60867 == 435 63 000 //4940 kHz	MCW	(MPJ/HFD)
M01b	3625	18-3	2002	Fri	153 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //4940 kHz	MCW	(MPJ)
M01b	3644	7-3	2015	Mon	771 435 63 85705 //4454	CW	(HFD)
M01b	3715	3-3	2042	Thu	477 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //4570 kHz	MCW	(MPJ)
M01b	3715	10-3	2042	Thu	477 435 63 == 85705 33889 02727 ... 87569 64694 60867 == 435 63 000 //4605 kHz	MCW	(MPJ)
M01b	3715	17-3	2042	Thu	477 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //4570 kHz	MCW	(MPJ)
M01b	3715	31-3	1942	Thu	477 549 39 == 49887 49981 15896 66544 26564 ... 05065 16544 65463 65489 78323 == 549 39 000 //4570 kHz	MCW	(MPJ)
M01b	4454	7-3	2015	Mon	771 435 63 85705 //3644	CW	(HFD)
M01b	4455	7-3	2020	Mon	... 435 63 == 85705 33889 02727 ...	MCW	(MPJ)
M01b	4570	3-3	2042	Thu	477 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //3715 kHz	MCW	(MPJ/HFD)

M01b	4570	17-3	2042	Thu	477 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //3715 kHz	MCW	(MPJ)
M01b	4570	31-3	1942	Thu	477 549 39 == 49887 49981 15896 66544 26564 ... 05065 16544 65463 65489 78323 == 549 39 000 //3715 kHz	MCW	(MPJ)
M01b	4585	11-3	2110	Fri	582 435 63 85705 //3520	CW	(HFD)
M01b	4590	7-3	1910	Mon	420 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //3535 kHz	MCW	(MPJ)
M01b	4590	7-3	1910	Mon	420 435 63 85705 //3535	CW	(HFD)
M01b	4605	10-3	1932	Thu	201 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //3510 kHz	MCW	(MPJ/HFD)
M01b	4605	17-3	1932	Thu	201 435 63 == 85705 33889 02727 26915 54083 ... 04144 ... (faded) 64574 60867 (faded) == 435 63 000 //3510 kHz	MCW	(MPJ)
M01b	4605	24-3	1932	Thu	201 549 39 == 49887 49981 15896 66544 26564 ... 05065 16544 65463 65489 78323 == 549 39 000 //3510 kHz	MCW	(MPJ)
M01b	4605	31-3	1832	Thu	201 549 39 == 49887 49981 15896 66544 26564 ... 05065 16544 65463 65489 78323 == 549 39 000 //3510 kHz	MCW	(MPJ)
M01b	4670	10-3	2042	Thu	477 435 63 == 85705 33889 02727 ... 87569 64694 60867 == 435 63 000 //3715 kHz	MCW	(MPJ)
M01b	4940	4-3	2002	Fri	153 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //3625 kHz	MCW	(MPJ)
M01b	4940	11-3	2002	Fri	153 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 (?) 87569 64694 60867 == 435 63 000 //3625 kHz	MCW	(MPJ)
M01b	4940	18-3	2002	Fri	153 435 63 == 85705 33889 02727 26915 54083 ... 35387 04144 87569 64694 60867 == 435 63 000 //3625 kHz	MCW	(MPJ)
M01b	4941	11-3	2002	Fri	153 435 63 85705 //3625	CW	(HFD)
M01b	6261	10-3	0556	Thu	i.p. ends with = 781 47 000	MCW	(F5JBR)
M01c	4792	14-3	1348	Mon	333 111 = 055 18 111 000	CW	(F5JBR)
M08a	7554	22-3	2003	Tue	WRRTN RTTNA GNUWA	CW	(DSch)
M08a	7554	26-3	2000	Sat	AGNRN NNWTA DWTNN	CW	(DSch)
M08a	7554	27-3	2006	Sun	In tfc	CW	(DSch)
M08a	7554	28-3	2010	Mon	In tfc GADWA TURIN and VA at end	CW	(DSch)
M08a	7555	10-3	1957	Thu		CW	(PW2)
M08a	8009	14-3	2302	Mon	AGNRN NNWTA DWTNN (These are the usual weekend groups)	CW	(DSch)
M08a	8009	26-3	2303	Sat	AGNRN NNWTA DWTNN	CW	(DSch)
M08a	8096	27-3	1429	Sun	AGNRN NNWTA DWTNN	CW	(DSch)
M08a	8096	28-3	1435	Mon	In tfc, sends VA at end	CW	(DSch)
M08a	8135	22-3	2301	Tue	AWAWA NGUIN TNRNN	CW	(DSch)
M08a	8135	25-3	2300	Fri	WRAN ITADA GDWRN	CW	(DSch)
M12	5163	23-3	2220	Wed	714 0	CW	(HFD)
M12	5763	23-3	2200	Wed	714 0	CW	(HFD)
M12	5788	2-3	1940	Wed	463 1 5655 137 26944 14990 78894 24474 68664 ... 14084 27486 65678 60358 53530 000 000	CW	(MPJ/HFD)
M12	5788	2-3	1940	Wed	463 1	CW	(HFD)
M12	5788	9-3	1940	Wed	463 1 2536 136 77144 05320 47638 53312 73032 ... 89668 39090 17878 45810 86154 000 000	CW	(MPJ)
M12	5788	16-3	1940	Wed	463 1 8808 130 40290 36167 10976 57635 69840 ... 63760 78090 69865 38814 24450 000 000	CW	(MPJ)
M12	5788	23-3	1940	Wed	463 1 5589 138 41118 38373 49371 10265 58323 ... 02538 53045 38263 65992 08717 000 000	CW	(MPJ)
M12	5788	30-3	1940	Wed	463 1 2420 144 77093 80723 37352 ... 66675 22396 88116 000 000	CW	(MPJ)
M12	5792	21-3	0530	Mon	796 796 796 000	CW	(AB/HFD)
M12	5792	28-3	0530	Mon	796 796 796 000	CW	(AB)
M12	6784	3-3	0730	Thu	761 0	CW	(HFD)
M12	6784	17-3	0730	Thu	761 761 761 000	CW	(AB)
M12	6784	24-3	0730	Thu	761 761 761 000	CW	(AB)

M12	6784	31-3	0730	Thu	761 761 761 000	CW	(AB)
M12	6802	2-3	1920	Wed	463 1 5655 137 26944 14990 78894 24474 68664 ... 14084 27486 65678 60358 53530 000 000	CW	(MPJ/HFD)
M12	6802	9-3	1920	Wed	463 1 2536 136 77144 05320 47638 53312 73032 ... 89668 39090 17878 45810 86154 000 000	CW	(MPJ)
M12	6802	16-3	1920	Wed	463 1 8808 130 40290 36167 10976 57635 69840 ... 63760 78090 69865 38814 24450 000 000	CW	(MPJ)
M12	6802	23-3	1920	Wed	463 1 5589 138 41118 38373 49371 10265 58323 ... 02538 53045 38263 65992 08717 000 000	CW	(MPJ)
M12	6802	30-3	1920	Wed	463 1 2420 144 77093 80723 37352 ... 66675 22396 88116 000 000	CW	(MPJ)
M12	6904	2-3	1840	Wed	257 1 1551 143 98641 22661 33659 58896 86330 ... 91686 89417 70535 44229 30581 000 000	CW	(MPJ/PPA/HFD)
M12	6904	7-3	1845	Mon	257 i.p. 46741 83901 34430 ... 57460 39376 84905 39177 54720 000 000	CW	(MPJ/HFD)
M12	6904	7-3	1940	Mon	257 1 6373 80 99390 07176 81753 83936 36496 ... 03336 41790 64841 37165 86692 000 000	CW	(MPJ/HFD)
M12	6904	9-3	1840	Wed	257 1 4234 140 08985 07513 82839 29922 94874 ... 50501 71558 31534 44512 19635 000 000	CW	(MPJ)
M12	6904	14-3	1840	Mon	257 1 (R) 2598 148 27664 86104 40003 61000 77974 17169 31690 ... 58644 54362 56011 25616 94512 000 000	CW	(AB/MPJ)
M12	6904	16-3	1840	Wed	257 1 3305 133 32509 42458 17353 77003 42216 ... 90358 45310 15360 92919 63909 000 000	CW	(MPJ)
M12	6904	17-3	1940	Thu	257 1 9955 58 77850 48598 15258 59854 78748 ... 95264 05203 70874 61918 56893 000 000	CW	(MPJ)
M12	6904	23-3	1840	Wed	257 1 3321 144 49719 78111 63620 39859 59601 ... 50381 16493 23088 23204 86772 000 000	CW	(MPJ)
M12	6904	24-3	1940	Thu	257 257 257 1 (R) 7650 51 7650 51 40416 78296 75344 ... 84916 90940 11259 000 000	CW	(MPJ)
M12	6904	30-3	1840	Wed	257 1 3738 142 95142 00156 66028 49253 97067 ... 67276 82259 54785 50053 40042 000 000	CW	(MPJ)
M12	6904	31-3	1940	Thu	257 1 1320 65 24649 71688 56911 92828 25787 ... 57825 82619 23978 38918 59811 000 000	CW	(MPJ)
M12	6992	14-3	0550	Mon	796 796 796 000	CW	(F5JBR)
M12	6992	21-3	0550	Mon	796 796 796 000	CW	(AB/HFD)
M12	6992	28-3	0550	Mon	796 796 796 000	CW	(AB)
M12	7684	3-3	0750	Thu	761 761 761 000	CW	(HFD)
M12	7684	24-3	0750	Thu	761 761 761 000	CW	(AB)
M12	7684	31-3	0750	Thu	761 761 761 000	CW	(AB)
M12	7931	2-3	1820	Wed	257 1 1551 143 98641 22661 33659 58896 86330 ... 91686 89417 70535 44229 30581 000 000	CW	(MPJ/HFD)
M12	7931	7-3	1820	Mon	257 1	CW	(HFD)
M12	7931	7-3	1920	Mon	257 1 6373 80 99390 07176 81753 83936 36496 ... 03336 41790 64841 37165 86692 000 000	CW	(MPJ/HFD)
M12	7931	9-3	1820	Wed	257 1 4234 140 08985 07513 82839 29922 94874 ... 50501 71558 31534 44512 19635 000 000	CW	(MPJ)
M12	7931	14-3	1820	Mon	257 1 (R) 2598 148 27664 86104 40003 61000 77974 17169 31690 ... 58644 54362 56011 25616 94512 000 000	CW	(AB/MPJ)
M12	7931	16-3	1820	Wed	257 1 3305 133 32509 42458 17353 77003 42216 ... 90358 45310 15360 92919 63909 000 000	CW	(MPJ)
M12	7931	17-3	1920	Thu	257 1 9955 58 77850 48598 15258 59854 78748 ... 95264 05203 70874 61918 56893 000 000	CW	(MPJ)
M12	7931	23-3	1820	Wed	257 1 3321 144 49719 78111 63620 39859 59601 ... 50381 16493 23088 23204 86772 000 000	CW	(MPJ)
M12	7931	24-3	1920	Thu	257 257 257 1 (R) 7650 51 7650 51 40416 78296 75344 ... 84916 90940 11259 000 000	CW	(MPJ/PPA)
M12	7931	30-3	1820	Wed	257 1 3738 142 95142 00156 66028 49253 97067 ... 67276 82259 54785 50053 40042 000 000	CW	(MPJ)
M12	7931	31-3	1920	Thu	257 1 1320 65 24649 71688 56911 92828 25787 ... 57825 82619 23978 38918 59811 000 000	CW	(MPJ)
M12	8047	2-3	1900	Wed	463 1 5655 137 26944 14990 78894 24474 68664 ... 14084 27486 65678 60358 53530 000 000	CW	(MPJ/HFD)
M12	8047	9-3	1900	Wed	463 1 2536 136 77144 05320 47638 53312 73032 ... 89668 39090 17878 45810 86154 000 000	CW	(MPJ)

M12	8047	16-3	1900	Wed	463 1 8808 130 40290 36167 10976 57635 69840 ... 63760 78090 69865 38814 24450 000 000	CW	(MPJ/F5JBR)
M12	8047	23-3	1900	Wed	463 1 5589 138 41118 38373 49371 10265 58323 ... 02538 53045 38263 65992 08717 000 000	CW	(MPJ)
M12	8047	30-3	1900	Wed	463 1 2420 144 77093 80723 37352 ... 66675 22396 88116 000 000	CW	(MPJ)
M12	8116	1-3	2010	Tue	124 1 6148 98 84923 42372 15179 12647 74649 ... 34761 08885 87765 65411 58182 000 000	CW	(MPJ/HFD)
M12	8116	8-3	2010	Tue	124 1 9462 100 20029 24708 82287 _7463 27535 ... 60013 73551 00052 85623 54060 000 000	CW	(MPJ)
M12	8116	15-3	2010	Tue	124 1 1035 93 28688 24767 63074 13022 40393 ... 84496 91659 59666 14145 21332 000 000	CW	(MPJ)
M12	8116	29-3	2010	Tue	124 1 3669 94 66935 12336 06233 ... 96931 85919 41913 000	CW	(AB)
M12	8958	5-3	0620	Sat	126 126 126 000	CW	(AB)
M12	9116	22-3	2010	Tue	124 1 2421 108 16400 48271 76456 68391 79305 ... 10816 69723 26062 90574 78633 000 000	CW	(MPJ)
M12	9176	2-3	1800	Wed	257 1 1551 143 98641 22661 33659 58896 86330 ... 91686 89417 70535 44229 30581 000 000	CW	(MPJ/HFD)
M12	9176	7-3	1800	Mon	257 1	CW	(HFD)
M12	9176	7-3	1900	Mon	257 1 6373 80 99390 07176 81753 83936 36496 ... 03336 41790 64841 37165 86692 000 000	CW	(MPJ/HFD)
M12	9176	9-3	1800	Wed	257 1 4234 140 08985 07513 82839 29922 94874 ... 50501 71558 31534 44512 19635 000 000	CW	(MPJ)
M12	9176	14-3	1800	Mon	257 1 (R) 2598 148 27664 86104 40003 61000 77974 17169 31690 ... 58644 54362 56011 25616 94512 000 000	CW	(AB/MPJ)
M12	9176	14-3	1900	Mon	257 1 1867 82 29170 32465 66350 96841 63252 ... 53926 42729 82321 71072 88061 000 000	CW	(MPJ)
M12	9176	16-3	1800	Wed	257 1 3305 133 32509 42458 17353 77003 42216 ... 90358 45310 15360 92919 63909 000 000	CW	(MPJ)
M12	9176	17-3	1900	Thu	257 1 9955 58 77850 48598 15258 59854 78748 ... 95264 05203 70874 61918 56893 000 000	CW	(MPJ)
M12	9176	23-3	1800	Wed	257 1 3321 144 49719 78111 63620 39859 59601 ... 50381 16493 23088 23204 86772 000 000	CW	(MPJ)
M12	9176	24-3	1900	Thu	257 257 257 1 (R) 7650 51 7650 51 40416 78296 75344 ... 84916 90940 11259 000 000	CW	(MPJ)
M12	9176	30-3	1800	Wed	257 1 3738 142 95142 00156 66028 49253 97067 ... 67276 82259 54785 50053 40042 000 000	CW	(MPJ)
M12	9176	31-3	1900	Thu	257 1 1320 65 24649 71688 56911 92828 25787 ... 57825 82619 23978 38918 59811 000 000	CW	(MPJ)
M12	9214	24-3	1350	Thu	282 1 1741 101 14395 00014 87188 09820 72279 ... 25443 29421 33281 54081 85656 000 000	CW	(MPJ)
M12	9214	26-3	1350	Sat	282 1 (R) 1741 101 14394 00014 87188 ... 33281 54081 85656 000 000	CW	(AB/MPJ)
M12	9258	12-3	0620	Sat	126 1 7931 117 19711 81115 16936 54446 42406 ...	CW	(AB)
M12	9258	19-3	0620	Sat	126 126 126 000	CW	(AB)
M12	9258	26-3	0620	Sat	126 126 126 000	CW	(F5JBR)
M12	9264	1-3	1950	Tue	124 1 6148 98 84923 42372 15179 12647 74649 ... 34761 08885 87765 65411 58182 000 000	CW	(MPJ/HFD)
M12	9264	8-3	1950	Tue	124 1 9462 100 20029 24708 82287 _7463 27535 ... 60013 73551 00052 85623 54060 000 000	CW	(MPJ)
M12	9264	15-3	1950	Tue	124 1 1035 93 28688 24767 63074 13022 40393 ... 84496 91659 59666 14145 21332 000 000	CW	(MPJ)
M12	9264	22-3	1950	Tue	124 1 2421 108 16400 48271 76456 68391 79305 ... 10816 69723 26062 90574 78633 000 000	CW	(MPJ)
M12	9264	29-3	1950	Tue	124 1 3669 94 66935 12336 06233 ... 96931 85919 41913 000	CW	(AB)
M12	9327	10-3	1840	Thu	938 1 5485 146 03923 66156 50286 23299 66777 ... 09366 76044 23540 84374 30612 000 000	CW	(MPJ)
M12	9327	17-3	1840	Thu	938 1 5278 150 12238 53036 38089 32277 73951 ... 93363 13844 39131 92885 94760 000 000	CW	(MPJ)
M12	9327	24-3	1840	Thu	938 1 1966 147 79171 16300 61995 14086 00702 ... 75832 97515 45431 27716 20366 000 000	CW	(MPJ)
M12	9327	31-3	1840	Thu	938 1 3475 151 22485 49216 02561 66207 02254 ... 66036 38488 65731 95914 33684 000 000	CW	(MPJ)

M12	10343	1-3	1930	Tue	124 1 6148 98 84923 42372 15179 12647 74649 ... 34761 08885 87765 65411 58182 000 000	CW	(MPJ/HFD)
M12	10343	15-3	1930	Tue	124 1 1035 93 28688 24767 63074 13022 40393 ... 84496 91659 59666 14145 21332 000 000	CW	(MPJ)
M12	10343	22-3	1930	Tue	124 1 2421 108 16400 48271 76456 68391 79305 ... 10816 69723 26062 90574 78633 000 000	CW	(MPJ)
M12	10343	29-3	1930	Tue	124 1 3669 94 66935 12336 06233 ... 96931 85919 41913 000	CW	(AB)
M12	10598	3-3	1820	Thu	938 1 6780 145 12902 18672 97592 ...	cw	(PW2)
M12	10598	10-3	1820	Thu	938 1 5485 146 03923 66156 50286 23299 66777 ... 09366 76044 23540 84374 30612 000 000	CW	(MPJ)
M12	10598	17-3	1820	Thu	938 1 5278 150 12238 53036 38089 32277 73951 ... 93363 13844 39131 92885 94760 000 000	CW	(MPJ)
M12	10598	24-3	1820	Thu	938 1 1966 147 79171 16300 61995 14086 00702 ... 75832 97515 45431 27716 20366 000 000	CW	(MPJ)
M12	10598	31-3	1820	Thu	938 1 3475 151 22485 49216 02561 66207 02254 ... 66036 38488 65731 95914 33684 000 000	CW	(MPJ)
M12	10658	12-3	0640	Sat	126 1 7931 117 19711 81115 16936 54446 42406 ...	CW	(AB)
M12	10711	3-3	1740	Thu	546 1 9268 88 81543 19289 87536 ... 03205 93255 32431 000 000	CW	(PW2)
M12	10711	3-3	1740	Thu	546 1 9268 88 81543 19289 87536 62372 36356 ... 10761 55454 03205 93255 32431 000 000	CW	(MPJ/HFD)
M12	10711	10-3	1740	Thu	546 1 (R) 5653 86 32173 63695 12555 ... 17255 12476 84530 000 000	CW	(AB/MPJ)
M12	10711	17-3	1740	Thu	546 1 4256 90 66703 57889 31726 28219 48162 ... 89284 58424 99328 96067 68633 000 000	CW	(MPJ)
M12	10711	24-3	1740	Thu	546 1 4519 88 60864 69561 68792 75550 39397 ... 45518 36072 57948 27478 78479 000 000	CW	(MPJ)
M12	10711	31-3	1740	Thu	546 1 7073 88 09686 14165 02407 ... 40775 32423 91575 000 000	CW	(AB/MPJ)
M12	10814	10-3	1330	Thu	282 282 282 000	CW	(AB/HFD)
M12	10814	12-3	1330	Sat	282 282 282 000	CW	(MPJ)
M12	10814	17-3	1330	Thu	282 282 282 000	CW	(AB/MPJ)
M12	10814	19-3	1330	Sat	282 282 282 000	CW	(AB)
M12	10814	26-3	1330	Sat	282 1 (R) 1741 101 14394 00014 87188 ... 33281 54081 85656 000 000	CW	(AB/MPJ)
M12	10814	31-3	1330	Thu	282 282 282 000	CW	(AB)
M12	11435	3-3	1800	Thu	message	CW	(PW2)
M12	11435	10-3	1800	Thu	938 1 5485 146 03923 66156 50286 23299 66777 ... 09366 76044 23540 84374 30612 000 000	CW	(MPJ)
M12	11435	17-3	1800	Thu	938 1 5278 150 12238 53036 38089 32277 73951 ... 93363 13844 39131 92885 94760 000 000	CW	(MPJ)
M12	11435	24-3	1800	Thu	938 1 1966 147 79171 16300 61995 14086 00702 ... 75832 97515 45431 27716 20366 000 000	CW	(MPJ)
M12	11435	31-3	1800	Thu	938 1 3475 151 22485 49216 02561 66207 02254 ... 66036 38488 65731 95914 33684 000 000	CW	(MPJ)
M12	11491	3-3	1540	Thu	725 1	CW	(HFD)
M12	11566	3-3	1720	Thu	546 1 9268 88 81543 19289 87536 62372 36356 ... 10761 55454 03205 93255 32431 000 000	CW	(MPJ/HFD/PW2)
M12	11566	10-3	1720	Thu	546 1 (R) 5653 86 32173 63695 12555 ... 17255 12476 84530 000 000	CW	(AB/MPJ)
M12	11566	17-3	1720	Thu	546 1 4256 90 66703 57889 31726 28219 48162 ... 89284 58424 99328 96067 68633 000 000	CW	(MPJ)
M12	11566	24-3	1720	Thu	546 1 4519 88 60864 69561 68792 75550 39397 ... 45518 36072 57948 27478 78479 000 000	CW	(MPJ)
M12	11566	31-3	1720	Thu	546 1 7073 88 09686 14165 02407 ... 40775 32423 91575 000 000	CW	(AB/MPJ)
M12	12162	3-3	1700	Thu	546 1 9268 88 81543 19289 87536 62372 36356 ... 10761 55454 03205 93255 32431 000 000	CW	(MPJ/HFD)
M12	12162	3-3	1700	Thu	546 1 9268 88 81543 19289 87536 ... 03205 93255 32431 000 000	CW	(PW2)
M12	12162	10-3	1700	Thu	546 1 (R) 5653 86 32173 63695 12555 ... 17255 12476 84530 000 000	CW	(MPJ)
M12	12162	17-3	1700	Thu	546 1 4256 90 66703 57889 31726 28219 48162 ... 89284 58424 99328 96067 68633 000 000	CW	(MPJ)
M12	12162	24-3	1700	Thu	546 1 4519 88 60864 69561 68792 75550 39397 ... 45518 36072 57948 27478 78479 000 000	CW	(MPJ)

M12	12162	31-3	1700	Thu	546 1 7073 88 09686 14165 02407 ... 40775 32423 91575 000 000	CW	(AB/MPJ)
M12	12189	3-3	1520	Thu	725 1	CW	(HFD)
M12	12205	21-3	1100	Mon	973 1 2013 118 29788 10158 93509 ... 52604 30644 85798 000 000	CW	(AB/HFD)
M12	12214	5-3	1310	Sat	282 282 282 000	CW	(AB/HFD)
M12	12214	12-3	1310	Sat	282 282 282 000	CW	(MPJ)
M12	12214	17-3	1310	Thu	282 282 282 000	CW	(MPJ)
M12	12214	26-3	1310	Sat	282 1 (R) 1741 101 14394 00014 87188 ... 33281 54081 85656 000 000	CW	(AB)
M12	12214	31-3	1310	Thu	282 282 282 000	CW	(AB)
M12	13386	3-3	1500	Thu	725 1	CW	(HFD)
M12	13559	7-3	1120	Mon	973 1	CW	(HFD)
M12	13559	21-3	1120	Mon	973 1 2013 118 29788 10158 93509 ... 52604 30644 85798 000 000	CW	(AB)
M12	14728	7-3	1140	Mon	973 1 7821 145 96731 48653 72190 31192 33670 ... 94083 74164 63542 69538 70073 000 000	CW	(MPJ/HFD)
M12	14728	21-3	1140	Mon	973 1 2013 118 29788 10158 93509 ... 52604 30644 85798 000 000	CW	(AB)
M12	14769	3-3	1010	Thu	721 1 8656 133 19816 27075 76165 ... 53857 82708 11758 000 000	CW	(AB/F5JBR/HFD)
M12	14769	3-3	1030	Thu	721 1	CW	(HFD)
M12	14769	20-3	1010	Sun	721 721 721 000	CW	(F5JBR)
M12	14769	24-3	1010	Thu	721 721 721 1 (R) 2006 85 2006 85 47559 93333 86806 ... 00370 23521 38212 000 000	CW	(AB)
M12	14769	31-3	1010	Thu	721 1 ...	CW	(AB)
M12	16269	10-3	1030	Thu	721 721 721 000	CW	(AB)
M12	16269	24-3	1030	Thu	721 721 721 1 (R) 2006 85 2006 85 47559 93333 86806 ... 00370 23521 38212 000 000	CW	(AB)
M12	16269	27-3	1030	Sun	721 1 2006 85 47559 93333 86806 65120 11757 ... 07736 43645 00370 23521 38212 000 000	CW	(MPJ)
M12	17472	16-3	0710	Wed	438 438 438 000	CW	(AB)
M12	17472	23-3	0710	Wed	438 438 438 000	CW	(AB)
M12	17472	30-3	0710	Wed	438 438 438 000	CW	(AB)
M12	18168	27-3	1050	Sun	721 1 2006 85 47559 93333 86806 65120 11757 ... 07736 43645 00370 23521 38212 000 000	CW	(MPJ)
M12	18169	3-3	1050	Thu	721 1	CW	(HFD)
M12	18169	24-3	1050	Thu	721 721 721 1 (R) 2006 85 2006 85 47559 93333 86806 ... 00370 23521 38212 000 000	CW	(AB)
M12	19372	23-3	0730	Wed	438 438 438 000	CW	(AB)
M12	19372	30-3	0730	Wed	438 438 438 000	CW	(AB)
M12	19436	25-3	1520	Fri	944 944 944 000	CW	(AB)
M12	20936	18-3	1500	Fri	944 944 944 000	CW	(AB/MPJ)
M14	4293	15-3	1434	Tue	i.p. 21458 = = 30 305 11111 00000	CW	(F5JBR)
M14	4826	15-3	1600	Tue	361 528 158 93901 49727 78747 ... 96676 22497 09600 528 158 00000	CW	(AB)
M14	5477	4-3	1800	Fri	382 382 382 000	CW	(AB/MPJ/HFD)
M14	5560	28-3	0900	Mon	171 230 65 12345 43435 67674 ... 77721 03264 78967 230 65 00000	CW	(AB)
M14	5944	4-3	1700	Fri	382 382 382 000	CW	(AB/MPJ/HFD)
M14	6990	13-3	0700	Sun	382 382 382 000	CW	(AB)
M14	17458	10-3	0930	Thu	617 617 617 00000	CW	(AB)
M14	17458	25-3	0930	Fri	617 617 617 00000	CW	(AB)
M21	3279	23-3	1732	Wed	=992031??0???????	CW	(JPL-Sib)
M21	3314	3-3	1939	Thu	Russian Air Defence =992239??0????? =992240??0????? =992241??0????? =992242??0????? =992243??0?????	CW	(F5JBR)
M21	3314	8-3	1748	Tue	=992049??0??????	CW	(JPL-Sib)
M21	4192	13-3	2146	Sun	Russian Air Defense =99TT46??8???? =99TT47??8???? =99TT48??8????	CW	(AB)
M21	4391	10-3	1926	Thu	Russian Air Defence =992227??0????? =992228??0????? =992229??0????? =992230??0?????	CW	(F5JBR)
M21	6425. 5	14-3	0604	Mon	Russian Air Defense =990906????0???? =990907????0???? =990908????0???? =990909????0????	CW	(F5JBR)
M21	6827	6-3	1408	Sun	=991708??8????? =26330914169208 =26330701050503 =10775914169108	CW	(JPL-HK)
M21	6828	2-3	0620	Wed	Russian Air Defence =990923??8????? =990924??8????? =990925??8?????	CW	(F5JBR)

M22	2680	7-3	1627	Mon	4XZ broadcast	CW	(F5JBR)
M32	1833	4-3	1645	Fri	TSIPOL-63 clg outstations	USB	(F5JBR)
M32	2674. 5	14-3	1855	Mon	CHARBAH-51 clg LEPOK-65	CW	(F5JBR)
M32	3329	13-3	1842	Sun	3AWM(x3) DE ONS7 (x2) QTC ZDU 714 19 13 2141 714 = ZDU 11. = DDDDD SDJHU (Cont'd)	CW	(JPL-Sib)
M32	3350	4-3	1810	Fri	ILENA-94 clg outstations	USB	(F5JBR)
M32	3350	18-3	1808	Fri	APOINT-94 clg outstations	CW	(F5JBR)
M32	3379	5-3	2256	Sat	O28G de AUX1 QTC 533 10 6 0150 533 = ZWT 154 = 2001 2607 0783 2727 8884 1438 2607 0607 K	CW	(F5JBR)
M32	3611	5-3	1410	Sat	CQ DE 9IZ QSA ? K. VVV CQ DE 9IZ QSA ? = VVV CQ DE 9IZ QSA ? = 143 K VV CQ DE 9IZ QSA ? = 143 K	CW	(JPL-Sib)
M32	3634	10-3	1223	Thu	i.p. QSA 2 QSA ? VV M8SV DE GDK2 QSA 2K	CW	(JPL-Sib)
M32	3874	8-3	1759	Tue	7YSE DE 5PCD K. 7YSE DE 5PCD ZVA ZBM K.	CW	(JPL-HK)
M32	3885	19-3	2001	Sat	Y4VE DE NN7K K. R K. H1DR DE NN7K K. RPT K	CW	(JPL-Sib)
M32	4062	25-3	2059	Fri	NOHK DE JTLT K. GSX7 DE JTLT K. OUOI DE JTLT K. XCX7 DE JTLT K. DU8Y DE JTLT K. BMF1 DE JTLT K. VGQL DE JTLT K	CW	(JPL-Sib)
M32	4463	16-3	0608	Wed	XXX F5PZ POSADKA 4214 FORSAV 0701 K	CW	(F5JBR)
M32	4572	19-3	0655	Sat	DIKTOR-67 clg outstaions	CW	(F5JBR)
M32	4656	23-3	0600	Wed	XXX 7MNA GIDRA 6631 K	CW	(F5JBR)
M32	4656	23-3	0700	Wed	XXX WITER 505 K	CW	(F5JBR)
M32	4824. 5	17-3	0901	Thu	XXX ZO1F ChrADA 7070 AR (17mars16) (F5JBR)	CW	(F5JBR)
M32	4922	24-3	1030	Thu	IHXL DE M5WR K VVV VVV VVV	CW	(JPL-Sib)
M32	5514	10-3	1842	Thu	XXX 5N2K KONTROLX 8888 K	CW	(F5JBR)
M32	5514	24-3	1644	Thu	XXX E8IJ 35278 RABOGUD 0173 2911 K	CW	(F5JBR)
M32	5693	10-3	1842	Thu	Outstations confirming flash message: KONTROLX 8888 QDC 2133 K	CW	(F5JBR)
M32	5842	17-3	0824	Thu	XXX VZFY 35405 BABKINA 5466 3211 K	CW	(F5JBR)
M32	5842	17-3	0828	Thu	XXX VZFY 60881 LEVANXE 1145 9874 K	CW	(F5JBR)
M32	5874	24-3	0851	Thu	XXX LB1E 67529 GALXEGO 0564 3914 K	CW	(F5JBR)
M32	5878	24-3	0850	Thu	E55J QSA 2 K and XXX E55J 39725 K	CW	(F5JBR)
M32	6339	25-3	1728	Fri	C3AP (x3) DE IC8J (x2) K. C3AP DE FKCU K.	CW	(JPL-Sib)
M32	6584	20-3	0943	Sun	XXX ELMV 05306 PRERYWATELX 1370 6299 K	CW	(F5JBR)
M32	6870	3-3	1406	Thu	XXX 26050 NEPREMENT 7816 5838	CW	(F5JBR)
M32	7099	23-3	0948	Wed	MS2E R 26391. XXX MS2E 12470. OK QSU 1 K	CW	(F5JBR)
M32	7144	24-3	0749	Thu	XXX VUOZ 63357 BREMEN 6495 6880 K	CW	(F5JBR)
M32	7155	24-3	1021	Thu	QG1G DE YILI OK SK 73 K. QG1G DE BQ4Q OK SK. VVV QG1G QG1G DE DBMB DBMB OK SK SK 73 K. OK 73 AR K. C 73 AR OK 73 AR	CW	(JPL-Sib)
M32	7196	24-3	0749	Thu	XXX VUOZ 63357 BREMEN 6495 6880 K	CW	(F5JBR)
M32	7412	30-3	1355	Wed	XXX XXX WEGI 40837 15562 80943 STOVOK 7397 8704 K	CW	(F5JBR)
M32	9169	30-3	1025	Wed	XXX XXX WEGI WEGI 12941 20165 64955 12994 HRE- NOWHOD 2388 7614 K	CW	(JPL-Sib)
M32	10164	30-3	1021	Wed	XXX XXX WEGI WEGI 36723 46.36 07001 44324 18573 KORDOBYT 716. 8047 K	CW	(JPL-Sib)
M32	10683	30-3	1009	Wed	XXX XXX WEGI WEGI 46336 07001 44324 18573 K. ORDOBYT 7167 8047 K	CW	(JPL-Sib)
M32	10683	30-3	1013	Wed	XXX JQRF JQRF 11223 K ORDOBYT 7167 8047 K	CW	(JPL-Sib)
M32	10683	30-3	1016	Wed	XXX XXX WEGI WEGI 20165 64955 12994 HRE NOWSOD 2388 7614 K	CW	(JPL-Sib)
M32	12606	20-3	0937	Sun	XXX WEGI 20423 VOSTER 9997 6139 K	CW	(F5JBR)
M32	12606	20-3	0948	Sun	XXX WLHN 23527 10137 15112 WOINOBUJ 7645 9158 K	CW	(F5JBR)
M32	12606	20-3	0955	Sun	XXX G5CX F2ET 26171 55723 TWOROG 3997 5158 K	CW	(F5JBR)
M32	12606	20-3	1018	Sun	XXX WLHN 06945 90947 54977 TAKTOHAM 8743 9951 K	CW	(F5JBR)
M32	12606	20-3	1022	Sun	XXX WEGI 47282 14137 RUMBOPEJS 8102 1080 K	CW	(F5JBR)
M32	12606	20-3	1027	Sun	XXX WEGI 38216 LAGERNIK 0855 8949 K	CW	(F5JBR)
M32	12688	25-3	1151	Fri	XXX LNUC 76508 PREDWE QANXE 9015 7996 PONIVENIE 7258 6449 K	CW	(F5JBR)
M32	12688	25-3	1154	Fri	XXX LNUC 79905 MARSIAKIJ 4141 2206 ZOWOPWO 3410 7285 VBANOLUK 7972 4734 K	CW	(F5JBR)
M32	12981	17-3	0812	Thu	XXX WEGI 80549 55235 TUFOGROG 6168 5188 K	CW	(F5JBR)
M32	12981	20-3	0937	Sun	XXX WEGI 20423 VOSTER 9997 6139 K	CW	(F5JBR)
M32	12981	20-3	0948	Sun	XXX WLHN 23527 10137 15112 WOINOBUJ 7645 9158 K	CW	(F5JBR)
M32	12981	20-3	0955	Sun	XXX G5CX F2ET 26171 55723 TWOROG 3997 5158 K	CW	(F5JBR)
M32	12981	20-3	1018	Sun	XXX WLHN 06945 90947 54977 TAKTOHAM 8743 9951 K	CW	(F5JBR)

M32	12981	20-3	1022	Sun	XXX WEGI 47282 14137 RUMBOPEJS 8102 1080 K	CW	(F5JBR)
M32	12981	20-3	1027	Sun	XXX WEGI 38216 LAGERNIK 0855 8949 K	CW	(F5JBR)
M32	13852	20-3	0937	Sun	XXX WEGI 20423 VOSTER 9997 6139 K	CW	(F5JBR)
M32	13852	20-3	0948	Sun	XXX WLHN 23527 10137 15112 WOINOUJ 7645 9158 K	CW	(F5JBR)
M32	13852	20-3	0955	Sun	XXX G5CX F2ET 26171 55723 TWOROG 3997 5158 K	CW	(F5JBR)
M32	13852	20-3	1018	Sun	XXX WLHN 06945 90947 54977 TAKTOHAM 8743 9951 K	CW	(F5JBR)
M32	13852	20-3	1022	Sun	XXX WEGI 47282 14137 RUMBOPEJS 8102 1080 K	CW	(F5JBR)
M32	13852	20-3	1027	Sun	XXX WEGI 38216 LAGERNIK 0855 8949 K	CW	(F5JBR)
M32	13914	17-3	0811	Thu	XXX WEGI 80549 55235 TUFORGROG 6168 5188 K	CW	(F5JBR)
M32a	1813	3-3	0633	Thu	273 48 03 0900 273 72727 01737 09533 ... 73309 71905 03047 K. OK QRU K	CW	(F5JBR)
M32a	3750	10-3	1816	Thu	RGR93 DE RMW46 Z.. R K. RGR94 DE RMW46 ZSA 3 R K	CW	(JPL-Sib)
M32a	4007	19-3	1910	Sat	RIC87 RIC87 RIC87 DE RCV QTC 149 59 25 0926 149 = PRIP NOWOROSSIJSK 92 KARTA 42105	CW	(JPL-Sib)
M32a	5451. 5	24-3	1212	Thu	RMP de RKB92 QTC 570 17 24 1500 570 = FOR RJH45 RJD38 REG98 = 24121 99550 10192 42598 ...	CW	(F5JBR)
M32a	5451. 5	24-3	1343	Thu	RMP de RCIZ QTC 744 18 24 1635 744 = FOR RMXA = 92563 14696 59920 30123 75285 05379 ...	CW	(F5JBR)
M32a	5451. 5	24-3	1503	Thu	RMP de RKB92 QTC 568 16 24 1800 568 = FOR RJH45 RJD38 REG98 = 24151 99548 10198 42998 ...	CW	(F5JBR)
M32a	5456	25-3	1502	Fri	DEDUKTSIYA (RLD64) clg VESTNIK (RMP)	CW	(F5JBR)
M32a	5830	23-3	1130	Wed	RMW32: XXX LR43 TEHNIËESKA_T PROWERKA 540 K	CW	(F5JBR)
M32a	5929	24-3	1003	Thu	RLO de RIT QTC 143 34 24 1301 143 = PROGNOZ 24036 63003 40000 00001 01218 40011 ...	CW	(F5JBR)
M32a	6994	4-3	1810	Fri	RIT DE RJP99 QSA QTC 224 14 4 2103 224 = FOR RJH74 RJH45 =	CW	(PPA)
M32a	7160	15-3	0726	Tue	RMW32 wkg RFH45, RFH47, RFH49, RKP65, RKP55, RFH39, RKP65, RGF80, RFH42, RKP57, RKP60, RKP61, RKP63, RAW86, RJF72, RFH40	CW	(F5JBR)
M32a	7160	24-3	0532	Thu	RMW32 wkg RFH44, RFH41, RFH66, RFH43, RFH39, RFH42, RFH44, RFH66	CW	(F5JBR)
M32a	8210	2-3	0930	Wed	XXX REO 11050 AKKURATNYJ 8577 2569 K	CW	(F5JBR)
M32a	8210	14-3	1016	Mon	XXX REO 55983 WERNIK 5376 7845 K	CW	(F5JBR)
M32a	8345	26-3	0625	Sat	RIT de RHO62 QTC 539 28 27 0930 539 = FOR RJH45 RJH74 RJD38 = KKHH 27036 0600/ 71005 01631 ...	CW	(F5JBR)
M32a	9145	29-3	1510	Tue	i.p. RIW R 981 K	CW	(JPL-Sib)
M32a	12464	26-3	1814	Sat	RCV de RHO62 QTC 165 26 2104 165 = SML FOR RJH45 RJH48 RJH74 RJD38 = 26181 99083 70147 ...	CW	(F5JBR)
M32a	12464	26-3	1837	Sat	RIT de RHO62 QTC 271 40 26 2135 271 = FOR RJH45 RJH74 RJD38 = KKHH 26038 1800/ 70919 01448 ...	CW	(F5JBR)
M32a	14540	17-3	0938	Thu	RAA wkg RCC RJD97	CW	(F5JBR)
M32b	8816	3-3	1010	Thu	rjf94 rjc38 de 08395 qto 0809 qrd XLWF XLMV qre 1030 qbd 15800 k - qth 6456 3429 qtr 0910 qbg 6400 k	CW	(WP3)
M32b	8816	3-3	1212	Thu	rjf94 rjc38 de 08395 qto 1200 qrd XRKE XLWF qre 1530 qbd 16400 k - qth 5454 3800 qtr 1300 qbg 7000 k	CW	(WP3)
M32b	8816	3-3	1310	Thu	rjf94 rjc38 de 71576 qto 1256 qrd XLMV XLLP qre 1600 qbd 5400 k	CW	(WP3)
M32c	8029	15-3	0700	Tue	W-markers: Tu-95MS Bear H net	CW	(Tom)
M32c	8029	15-3	0855	Tue	TR7X DE TRL5 K Tu-95MS Bear H net NCS	CW	(Tom)
M32c	8029	16-3	1100	Wed	W-markers: Tu-95MS Bear H net	CW	(Tom)
M32c	8029	24-3	0600	Thu	W-markers: Tu-95MS Bear H net	CW	(Tom)
M32c	8029	30-3	0820	Wed	W-markers: Tu-95MS Bear H net	CW	(Tom)
M32c	19190	4-3	0854	Fri	REA4: XXX 1QRF 25568 POSOROG 3691 0264 K	CW	(F5JBR)
M32c	19190	4-3	0903	Fri	REA4: XXX 1QRF 51723 KARNOTIT 0239 3365 SKORBUT- NYJ 9946 1203 K	CW	(F5JBR)
M32c	19190	4-3	0911	Fri	REA4: XXX 1QRF 02233 SKOTO 8154 2855 K	CW	(F5JBR)
M32c	19190	4-3	0921	Fri	REA4: XXX MSK7 69087 SPEHOLOM 7757 1951	CW	(F5JBR)
M32c	19190	4-3	0932	Fri	REA4: XXX MSK7 94670 RAVOKOKS 1655 1635 K	CW	(F5JBR)
M32c	19190	4-3	0934	Fri	REA4: XXX MKS7 94076 PENTAEDR 7089 7880 K	CW	(F5JBR)
M32c	19190	4-3	0939	Fri	REA4: XXX MSK7 16735 BEZDELICA 1319 8850 K	CW	(F5JBR)
M32c	19190	4-3	0941	Fri	REA4: 04 080 99900 03120 62596 90294 83106 11046 21060 77322 88200 =REA4 K	CW	(F5JBR)
M41	5135. 5	24-3	1631	Thu	I42J = 722 194 9752 795 36 49 2 654 3 330 2230 RPT 722 194 9752 795 36 49 2 654 3 330 2230 =	CW	(F5JBR)
M41	6014. 5	24-3	0902	Thu	PWZW = 1565832343246 = 1565832145648 = 1656832145950 =	CW	(F5JBR)
M42	3300	3-3	0511	Thu	RUA41 de RUU76 ZHC? ZHC?	FSK 100/500	(F5JBR)

M42	6935	3-3	0350	Thu	Russian point to point net	RUS-ARQ 100/500	(PPA)
M42	7734	16-3	1135	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	7857	16-3	0920	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	9300	16-3	0838	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	9975	16-3	1216	Wed	Russian Intel, Moscow	MFSK-68	(Benka)
M42	10142	18-3	1828	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts	(linkz)
M42	10257	16-3	0835	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	10861	16-3	0910	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	10873	16-3	0910	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	11158	16-3	1016	Wed	Russian Intel, Moscow	OFDM-45	(Benka)
M42	11561	16-3	1032	Wed	Russian Intel, Moscow	OFDM-45	(Benka)
M42	11572	18-3	1821	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts	(linkz)
M42	11615	16-3	0915	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	12155	16-3	0843	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	12156	16-3	1204	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	12164	16-3	1045	Wed	Russian Intel, Moscow	OFDM-45	(Benka)
M42	12193	16-3	1044	Wed	Russian Intel, Moscow	OFDM-45	(Benka)
M42	13372	16-3	0835	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	13375	18-3	1047	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts	(Danix)
M42	13375	20-3	0930	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)
M42	13383	16-3	0928	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	13391	16-3	0928	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	13397	12-3	1500	Sat	i.p. QTC 2 OK QRQ 100	FSK 100/500	(F5JBR)
M42	13403	16-3	0958	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	13436	16-3	0845	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	13441	16-3	1140	Wed	Russian Intel, Moscow	OFDM-45	(Benka)
M42	13807	16-3	0846	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	13860	16-3	0957	Wed	Russian Intel, Moscow	MFSK-68	(Benka)

M42	13995	16-3	1052	Wed	Russian Intel, Moscow	OFDM-45	(Benka)
M42	14380	19-3	1028	Sat	11100 60102 60571 19071 01003 = 5FGs. 11100 60102 60571 19071 01003 = 5FGs	CW	(F5JBR)
M42	14602	16-3	0956	Wed	Russian Intel, Moscow	OFDM-45	(Benka)
M42	14606	20-3	1330	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)
M42	14608	18-3	1330	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts	(linkz)
M42	14631	16-3	1058	Wed	Russian Intel, Moscow	MFSK-68	(Benka)
M42	14721	16-3	1011	Wed	Russian Intel, Moscow Header 11100 epqpo qwerq qypew ptppe	Baudot 100/250	(Benka)
M42	14936	16-3	1205	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	15654	16-3	0852	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	15687	16-3	0848	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	15693	16-3	1041	Wed	Russian Intel, Moscow	MFSK-68	(Benka)
M42	15845	20-3	1300	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)
M42	15853	20-3	0900	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)
M42	16116	23-3	0949	Wed	Russian diplo	CROWD-36	(PUK)
M42	16318	30-3	1131	Wed	Russian diplo 4646464 RAH RAH RAH 1/251	Baudot 75/500	(MCO)
M42	16342	16-3	0949	Wed	Russian Intel, Moscow	OFDM-45	(Benka)
M42	17418	16-3	0935	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	17456	20-3	0830	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)
M42	17459	16-3	0855	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	17459	25-3	0930	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts	(AB)
M42	17461	18-3	1233	Fri	Russian Intel, Moscow	5x16-tone MFSK/250bd BPSK bursts	(Danix)
M42	17461	20-3	1230	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)
M42	17465	16-3	1120	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	17467	16-3	1120	Wed	Russian Intel, Moscow	CIS FTM- 4/MFSK-4 150Bd 4000Hz	(Benka)
M42	18664	16-3	0944	Wed	Russian Intel, Moscow	MFSK-68	(Benka)
M42	19498	20-3	1200	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)
M42	19661	20-3	0800	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)
M42	20309	20-3	0730	Sun	Russian Intel, Moscow	MFSK-80/10/20 7-second intro + 21:	(Danix)

M42b	1777. 5	9-3	1859	Wed	Encrypted messages in FSK 50/500 and opchat in CW: UWG2 de UUA4 QSA? K. QSA 4 ZOR K	CW	(F5JBR)
M42b	3836	22-3	1738	Tue	OJNS wkg PAPH. Msg in FSK, opchat in CW	FSK 50/500	(F5JBR)
M42b	4398	17-3	1710	Thu	DE LOCR QTC 1 K	FSK 50/500	(F5JBR)
M42b	4993	22-3	1428	Tue	OJNS wkg PAPH. Msg in FSK, opchat in CW	FSK 50/500	(F5JBR)
M42b	5149	22-3	1402	Tue	OJNS wkg RAZK. Msg in FSK, opchat in CW	FSK 50/500	(F5JBR)
M42b	5421	22-3	0800	Tue	L2RS wkg KE4T. Msg in FSK, opchat in CW	FSK 50/500	(F5JBR)
M42b	5774	7-3	1344	Mon	GENP de MERG QSY 89631 K	CW	(F5JBR)
M42b	5839	17-3	1725	Thu	QSA 4 QTC 1 K and message in FSK 50/500	CW	(F5JBR)
M42b	6837	22-3	0806	Tue	Msg in FSK, opchat in CW de UCR QTC 1 K	FSK 50/500	(F5JBR)
M42b	6931	29-2	1736	Mon	BZL26	FSK 50/500	(PPA)
M42b	6941	18-3	1248	Fri	BV6K de HKDR QSY 83481 K. QSA NO SK	CW	(F5JBR)
M42b	7625	18-3	1248	Fri	BV6K de HKDR QSY 51733 K	CW	(F5JBR)
M42b	7676	16-3	1858	Wed	NUChS de YOAL QSY 68748 K	CW	(F5JBR)
M42b	8181	12-3	1017	Sat	7ZGR de PR6O QSY 17140 QTC	CW	(F5JBR)
M42b	9274	14-3	0746	Mon	K4MT wkg NT9P. Messages. Opchat in CW: QRU NIL SK	FSK 50/500	(F5JBR)
M42b	12210	18-3	0821	Fri	RWB5 wkg RAZ2 GB 73 SK. Message in FSK, opchat in CW	FSK 50/500	(F5JBR)
M42b	13922	16-3	0808	Wed	8DSF wkg ZUOB	CW	(F5JBR)
M42b	15680	14-3	0831	Mon	111002658 14021 01009 = 5FGs 111000 ... 14022 01009 = 5FGs	CW	(F5JBR)
M42c	6939	1-3	1035	Tue	Russian diplo/intel. =8921 92998360227855991 ...)57671 00000+++++++129 (2 msgs)	FSK 200/500	(Danix)
M42c	6939	2-3	1035	Wed	Russian diplo/intel. =8681 84808881941516558 ...)749148054410000+++++189	FSK 200/500	(AB)
M42c	6939	3-3	1035	Thu	Russian diplo/intel. Distorted signal	FSK 200/500	(AB)
M42c	6939	7-3	1035	Mon	Russian diplo/intel. =8601 2845840956385236 ...)57613900000+++++++172	FSK 200/500	(AB)
M42c	6939	8-3	1035	Tue	Russian diplo/intel. =9211 398819993351034985 ...)73270 1010700000+++++164	FSK 200/500	(AB)
M42c	6939	9-3	1035	Wed	Russian diplo/intel. =8751 601008277085146155 ... =8242 21104409216342551	FSK 200/500	(AB)
M42c	6939	10-3	1035	Thu	Russian diplo/intel. =8371 45240685044783195 ...)74962 1309300000+++++242 (2 msgs)	FSK 200/500	(AB)
M42c	6939	14-3	1035	Mon	Russian diplo/intel.	FSK 200/500	(AB)
M42c	6939	15-3	1035	Tue	Russian diplo/intel. =8021 07267500225954494 ...)58166 ++++++++98 (2 msgs)	FSK 200/500	(AB)
M42c	6939	16-3	1035	Wed	Russian diplo/intel. =8631 790606327592007126 ...)6901421742300000+++++259	FSK 200/500	(AB)
M42c	6939	17-3	1035	Thu	Russian diplo/intel. =8721 688290257760824163 ... =8272 8684552015839815 (2 msgs)	FSK 200/500	(AB)
M42c	6939	18-3	1035	Fri	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	6939	21-3	1035	Mon	Russian diplo/intel. =8381 550503960467402115 ...)581142+++++++125	FSK 200/500	(AB)
M42c	6939	22-3	1035	Tue	Russian diplo/intel. =8321 91451984236189699 ...)58166 ++++++++98 (2 msgs)	FSK 200/500	(AB)
M42c	6939	23-3	1035	Wed	Russian diplo/intel. =8251 113957160453992970 ...)581144+++++++91	FSK 200/500	(AB)
M42c	6939	24-3	1035	Thu	Russian diplo/intel. =8641 665984874807642116 ...)76668 2512100000+++++236 (2 msgs)	FSK 200/500	(AB)
M42c	6939	25-3	1035	Fri	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	6939	28-3	1035	Mon	Russian diplo/intel. =8771 19991781108762229 ...)6911382641100000+++++276	FSK 200/500	(AB)
M42c	6939	29-3	1035	Tue	Russian diplo/intel. =8591 63497965914937779 ...)58159 ++++++++52 (2 msgs)	FSK 200/500	(AB)
M42c	6939	30-3	1035	Wed	Russian diplo/intel. =8291 651146379869246150 ...)6971502944700000+++++242	FSK 200/500	(AB)
M42c	6939	31-3	1035	Thu	Russian diplo/intel. =7841 95556762129895143 ...)58168 ++++++++84 (2 msgs)	FSK 200/500	(AB)
M42c	8054	5-3	1830	Sat	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB/HFD)
M42c	8054	19-3	1830	Sat	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	8054	26-3	1830	Sat	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	8187	1-3	1025	Tue	Russian diplo/intel. =8921 92998360227855991 ...)57671 00000+++++++129 (2 msgs)	FSK 200/500	(AB/Danix)
M42c	8187	2-3	1025	Wed	Russian diplo/intel. =8681 84808881941516558 ...)7491480544100000+++++189	FSK 200/500	(AB)
M42c	8187	3-3	1025	Thu	Russian diplo/intel. Distorted signal	FSK 200/500	(AB)

M42c	8187	7-3	1025	Mon	Russian diplo/intel. =8601 2845840956385236 ...)57613900000+++++++172	FSK 200/500	(AB)
M42c	8187	8-3	1025	Tue	Russian diplo/intel. =9211 398819993351034985 ...)73270 1010700000+++++164	FSK 200/500	(AB)
M42c	8187	9-3	1025	Wed	Russian diplo/intel. =8751 601008277085146155 ... =8242 21104409216342551	FSK 200/500	(AB)
M42c	8187	10-3	1025	Thu	Russian diplo/intel. =8371 45240685044783195 ...)74962 1309300000+++++242 (2 msgs)	FSK 200/500	(AB)
M42c	8187	14-3	1025	Mon	Russian diplo/intel.	FSK 200/500	(AB)
M42c	8187	15-3	1025	Tue	Russian diplo/intel. =8021 07267500225954494 ...)58166 ++++++++98 (2 msgs)	FSK 200/500	(AB)
M42c	8187	16-3	1025	Wed	Russian diplo/intel. =8631 790606327592007126 ...)6901421742300000+++++259	FSK 200/500	(AB)
M42c	8187	17-3	1025	Thu	Russian diplo/intel. =8721 688290257760824163 ... =8272 8684552015839815 (2 msgs)	FSK 200/500	(AB)
M42c	8187	18-3	1025	Fri	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	8187	21-3	1025	Mon	Russian diplo/intel. =8381 550503960467402115 ...)581142+++++++125	FSK 200/500	(AB)
M42c	8187	22-3	1025	Tue	Russian diplo/intel. =8321 91451984236189699 ...)58166 ++++++++98 (2 msgs)	FSK 200/500	(AB)
M42c	8187	23-3	1025	Wed	Russian diplo/intel. =8251 113957160453992970 ...)581144+++++++91	FSK 200/500	(AB)
M42c	8187	24-3	1025	Thu	Russian diplo/intel. =8641 665984874807642116 ...)76668 2512100000+++++236 (2 msgs)	FSK 200/500	(AB)
M42c	8187	25-3	1025	Fri	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	8187	28-3	1025	Mon	Russian diplo/intel. =8771 19991781108762229 ...)6911382641100000+++++276	FSK 200/500	(AB)
M42c	8187	29-3	1025	Tue	Russian diplo/intel. =8591 63497965914937779 ...)58159 ++++++++52 (2 msgs)	FSK 200/500	(AB)
M42c	8187	30-3	1025	Wed	Russian diplo/intel. =8291 651146379869246150 ...)6971502944700000+++++242	FSK 200/500	(AB)
M42c	8187	31-3	1025	Thu	Russian diplo/intel. =7841 95556762129895143 ...)58168 ++++++++84 (2 msgs)	FSK 200/500	(AB)
M42c	10292	5-3	1820	Sat	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB/HFD)
M42c	10292	19-3	1820	Sat	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	10292	26-3	1820	Sat	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB/Danix)
M42c	10861	1-3	1015	Tue	Russian diplo/intel. =8921 92998360227855991 ...)57671 00000+++++++129 (2 msgs)	FSK 200/500	(AB/Danix)
M42c	10861	2-3	1015	Wed	Russian diplo/intel. =8681 84808881941516558 ...)7491480544100000+++++189	FSK 200/500	(AB)
M42c	10861	3-3	1015	Thu	Russian diplo/intel. Distorted signal	FSK 200/500	(AB)
M42c	10861	4-3	1015	Fri	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	10861	7-3	1015	Mon	Russian diplo/intel. =8601 2845840956385236 ...)57613900000+++++++172	FSK 200/500	(AB)
M42c	10861	8-3	1015	Tue	Russian diplo/intel. =9211 398819993351034985 ...)73270 1010700000+++++164	FSK 200/500	(AB)
M42c	10861	9-3	1015	Wed	Russian diplo/intel. =8751 601008277085146155 ... =8242 21104409216342551	FSK 200/500	(AB)
M42c	10861	10-3	1015	Thu	Russian diplo/intel. =8371 45240685044783195 ...)74962 1309300000+++++242 (2 msgs)	FSK 200/500	(AB)
M42c	10861	14-3	1015	Mon	Russian diplo/intel.	FSK 200/500	(AB)
M42c	10861	15-3	1015	Tue	Russian diplo/intel. =8021 07267500225954494 ...)58166 ++++++++98 (2 msgs)	FSK 200/500	(AB)
M42c	10861	16-3	1015	Wed	Russian diplo/intel. =8631 790606327592007126 ...)6901421742300000+++++259	FSK 200/500	(AB/Benka)
M42c	10861	17-3	1015	Thu	Russian diplo/intel. =8721 688290257760824163 ... =8272 8684552015839815 (2 msgs)	FSK 200/500	(AB)
M42c	10861	18-3	1015	Fri	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)
M42c	10861	21-3	1015	Mon	Russian diplo/intel. =8381 550503960467402115 ...)581142+++++++125	FSK 200/500	(AB)
M42c	10861	22-3	1015	Tue	Russian diplo/intel. =8321 91451984236189699 ...)58166 ++++++++98 (2 msgs)	FSK 200/500	(AB)
M42c	10861	23-3	1015	Wed	Russian diplo/intel. =8251 113957160453992970 ...)581144+++++++91	FSK 200/500	(AB)
M42c	10861	24-3	1015	Thu	Russian diplo/intel. =8641 665984874807642116 ...)76668 2512100000+++++236 (2 msgs)	FSK 200/500	(AB)
M42c	10861	25-3	1015	Fri	Russian diplo/intel.)5761 00000+++++++162	FSK 200/500	(AB)

M42c	10861	28-3	1015	Mon	Russian diplo/intel. =8771 19991781108762229 ...)6911382641100000+++++276	FSK 200/500	(AB)
M42c	10861	29-3	1015	Tue	Russian diplo/intel. =8591 63497965914937779 ...)58159 ++++++52 (2 msgs)	FSK 200/500	(AB)
M42c	10861	30-3	1015	Wed	Russian diplo/intel. =8291 651146379869246150 ...)6971502944700000+++++242	FSK 200/500	(AB)
M42c	10861	31-3	1015	Thu	Russian diplo/intel. =7841 95556762129895143 ...)58168 ++++++84 (2 msgs)	FSK 200/500	(AB)
M42c	12184	5-3	1810	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/HFD)
M42c	12184	19-3	1810	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB)
M42c	12184	26-3	1810	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/Danix)
M42c	13555	7-3	0138	Mon	Russian diplo/intel. Sent from Cuba. 11177 00117 24896 07010 01309	FSK 200/500	(MCO)
M42c	14719	5-3	1320	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/F5JBR/HFD)
M42c	14719	12-3	1320	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/MPJ)
M42c	14719	19-3	1320	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB)
M42c	14719	26-3	1320	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/Danix)
M42c	16305	5-3	1310	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/F5JBR/HFD)
M42c	16305	12-3	1310	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/MPJ)
M42c	16305	19-3	1310	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB)
M42c	16305	26-3	1310	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/Danix)
M42c	18437	5-3	1300	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/F5JBR/HFD)
M42c	18437	12-3	1300	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/MPJ)
M42c	18437	19-3	1300	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB)
M42c	18437	26-3	1300	Sat	Russian diplo/intel.)5761 00000+++++162	FSK 200/500	(AB/Danix)
M42c	18726	4-3	2240	Fri	Russian diplo/intel. 11177 00116 35987 04010 01259	FSK 200/500	(MCO/Danix)
M42c	18726	11-3	2240	Fri	Russian diplo/intel. 11177 00116 72914 11011 02049	FSK 200/500	(Danix)
M42c	18726	18-3	2240	Fri	Russian diplo/intel. Header: 11177 00116 74129 18016 01399 (via Cuba)	FSK 200/500	(Danix)
M42c	18726	25-3	2240	Fri	Russian diplo/intel. 11177 00116 81402 25017 01439 ...	FSK 200/500	(Danix)
M42c	20700	11-3	2230	Fri	Russian diplo/intel. 11177 00116 72914 11011 02049	FSK 200/500	(Danix)
M42c	20700	18-3	2230	Fri	Russian diplo/intel. Header: 11177 00116 74129 18016 01399 (via Cuba)	FSK 200/500	(Danix)
M42c	20700	25-3	2230	Fri	Russian diplo/intel. 11177 00116 81402 25017 01439 ...	FSK 200/500	(Danix)
M42d	5946	21-3	0520	Mon	Russian diplo/intel. Msg 030 on link 45079	FSK 200/1000	(AB)
M42d	6769	23-3	2229	Wed	Russian diplo/intel. Msg 030 on link 45079	FSK 200/1000	(Danix)
M42d	6812	1-3	0820	Tue	Russian diplo/intel. Message 235 on link 00000	FSK 200/1000	(Danix)
M42d	6879	1-3	0720	Tue	Russian diplo/intel. Msg 142 on link 45136	FSK 200/1000	(AB)
M42d	6879	2-3	0720	Wed	Russian diplo/intel. Msg 147 on link 45136	FSK 200/1000	(AB)
M42d	6879	3-3	0720	Thu	Russian diplo/intel. Msg 150 on link 45137	FSK 200/1000	(AB)
M42d	6879	4-3	0720	Fri	Russian diplo/intel. Msg 037 on link 45136	FSK 200/1000	(AB/F5JBR)
M42d	6879	7-3	0720	Mon	Russian diplo/intel. Msg 155 on link 45136	FSK 200/1000	(AB)
M42d	6879	8-3	0720	Tue	Russian diplo/intel. Msg 157 on link 45137	FSK 200/1000	(AB)
M42d	6879	9-3	0720	Wed	Russian diplo/intel. Msg 162 on link 45136	FSK 200/1000	(AB)
M42d	6879	11-3	0720	Fri	Russian diplo/intel. Msg 052 on link 45136	FSK 200/1000	(AB)
M42d	6879	14-3	0720	Mon	Russian diplo/intel. Msg 170 on link 45137	FSK 200/1000	(AB)
M42d	6879	15-3	0720	Tue	Russian diplo/intel. Msg 172 on link 45136	FSK 200/1000	(AB)
M42d	6879	16-3	0720	Wed	Russian diplo/intel. Msg 177 on link 45137	FSK 200/1000	(AB)
M42d	6879	17-3	0720	Thu	Russian diplo/intel. Msg 180 on link 45136	FSK 200/1000	(AB)
M42d	6879	18-3	0720	Fri	Russian diplo/intel. Msg 092 on link 45137	FSK 200/1000	(AB)
M42d	6879	21-3	0720	Mon	Russian diplo/intel. Msg 185 on link 45136	FSK 200/1000	(AB)
M42d	6879	22-3	0720	Tue	Russian diplo/intel. Msg 187 on link 45136	FSK 200/1000	(AB)
M42d	6879	23-3	0720	Wed	Russian diplo/intel. Msg 192 on link 45136	FSK 200/1000	(AB)
M42d	6879	24-3	0720	Thu	Russian diplo/intel. Msg 195 on link 45137	FSK 200/1000	(AB)
M42d	6879	25-3	0720	Fri	Russian diplo/intel. Msg 067 on link 45137	FSK 200/1000	(AB)
M42d	6879	28-3	0720	Mon	Russian diplo/intel. Msg 200 on link 45136	FSK 200/1000	(AB)
M42d	6879	30-3	0720	Wed	Russian diplo/intel. Msg 207 on link 45137	FSK 200/1000	(AB)
M42d	6879	31-3	0720	Thu	Russian diplo/intel. Msg 210 on link 45137	FSK 200/1000	(AB)
M42d	6884	1-3	1220	Tue	Russian diplo/intel. Msg 142 on link 45136	FSK 200/1000	(AB/MPJ)
M42d	6884	2-3	1220	Wed	Russian diplo/intel. Msg 147 on link 45136	FSK 200/1000	(AB)
M42d	6884	3-3	1220	Thu	Russian diplo/intel. Msg 150 on link 45137	FSK 200/1000	(AB)
M42d	6884	7-3	1220	Mon	Russian diplo/intel. Msg 155 on link 45136	FSK 200/1000	(AB)
M42d	6884	8-3	1220	Tue	Russian diplo/intel. Msg 157 on link 45137	FSK 200/1000	(AB)
M42d	6884	9-3	1220	Wed	Russian diplo/intel. Msg 162 on link 45136	FSK 200/1000	(AB)
M42d	6884	10-3	1220	Thu	Russian diplo/intel. Msg 165 on link 45136	FSK 200/1000	(AB)
M42d	6884	14-3	1220	Mon	Russian diplo/intel. Msg 170 on link 45137	FSK 200/1000	(AB/MPJ)
M42d	6884	15-3	1220	Tue	Russian diplo/intel. Msg 172 on link 45136	FSK 200/1000	(AB)

M42d	6884	16-3	1220	Wed	Russian diplo/intel. Msg 177 on link 45137	FSK 200/1000	(AB)
M42d	6884	17-3	1220	Thu	Russian diplo/intel. Msg 180 on link 45136	FSK 200/1000	(AB)
M42d	6884	22-3	1220	Tue	Russian diplo/intel. Msg 187 on link 45136	FSK 200/1000	(AB)
M42d	6884	23-3	1220	Wed	Russian diplo/intel. Msg 192 on link 45136	FSK 200/1000	(AB)
M42d	6884	24-3	1220	Thu	Russian diplo/intel. Msg 195 on link 45137	FSK 200/1000	(AB)
M42d	6884	28-3	1220	Mon	Russian diplo/intel. Msg 200 on link 45136	FSK 200/1000	(AB)
M42d	6884	29-3	1220	Tue	Russian diplo/intel. Msg 202 on link 45136	FSK 200/1000	(AB)
M42d	6884	30-3	1220	Wed	Russian diplo/intel. Msg 207 on link 45137	FSK 200/1000	(AB)
M42d	6884	31-3	1220	Thu	Russian diplo/intel. Msg 210 on link 45137	FSK 200/1000	(AB)
M42d	6924	1-3	2330	Tue	Russian intel/diplo Link 40988 4 blocks in msg no 002 from the 1st of the month	FSK 200/1000	(PPA)
M42d	6924	15-3	2320	Tue	Russian diplo/intel. Msg 165 on link 40988	FSK 200/1000	(Danix)
M42d	6924	22-3	2320	Tue	Russian diplo/intel. Msg 167 on link 40988	FSK 200/1000	(AB)
M42d	6924	29-3	2320	Tue	Russian diplo/intel. Msg 167 on link 40988	FSK 200/1000	(AB)
M42d	6957	2-3	1933	Wed	Russian intel/diplo 38 data blocks link id 00000 msg no 62 from the 2nd of the month	FSK 200/1000	(PPA)
M42d	8016	1-3	0810	Tue	Russian diplo/intel. Message 235 on link 00000	FSK 200/1000	(AB/Danix)
M42d	8026	1-3	1210	Tue	Russian diplo/intel. Msg 142 on link 45136	FSK 200/1000	(AB/MPJ)
M42d	8026	2-3	1210	Wed	Russian diplo/intel. Msg 147 on link 45136	FSK 200/1000	(AB)
M42d	8026	3-3	1210	Thu	Russian diplo/intel. Msg 150 on link 45137	FSK 200/1000	(AB)
M42d	8026	7-3	1210	Mon	Russian diplo/intel. Msg 155 on link 45136	FSK 200/1000	(AB)
M42d	8026	8-3	1210	Tue	Russian diplo/intel. Msg 157 on link 45137	FSK 200/1000	(AB)
M42d	8026	9-3	1210	Wed	Russian diplo/intel. Msg 162 on link 45136	FSK 200/1000	(AB)
M42d	8026	10-3	1210	Thu	Russian diplo/intel. Msg 165 on link 45136	FSK 200/1000	(AB)
M42d	8026	14-3	1210	Mon	Russian diplo/intel. Msg 170 on link 45137	FSK 200/1000	(AB/MPJ)
M42d	8026	15-3	1210	Tue	Russian diplo/intel. Msg 172 on link 45136	FSK 200/1000	(AB)
M42d	8026	16-3	1210	Wed	Russian diplo/intel. Msg 177 on link 45137	FSK 200/1000	(AB)
M42d	8026	17-3	1210	Thu	Russian diplo/intel. Msg 180 on link 45136	FSK 200/1000	(AB)
M42d	8026	22-3	1210	Tue	Russian diplo/intel. Msg 187 on link 45136	FSK 200/1000	(AB)
M42d	8026	23-3	1210	Wed	Russian diplo/intel. Msg 192 on link 45136	FSK 200/1000	(AB)
M42d	8026	24-3	1210	Thu	Russian diplo/intel. Msg 195 on link 45137	FSK 200/1000	(AB)
M42d	8026	28-3	1210	Mon	Russian diplo/intel. Msg 200 on link 45136	FSK 200/1000	(AB)
M42d	8026	29-3	1210	Tue	Russian diplo/intel. Msg 202 on link 45136	FSK 200/1000	(AB)
M42d	8026	30-3	1210	Wed	Russian diplo/intel. Msg 207 on link 45137	FSK 200/1000	(AB)
M42d	8026	31-3	1210	Thu	Russian diplo/intel. Msg 210 on link 45137	FSK 200/1000	(AB)
M42d	8051	15-3	2310	Tue	Russian diplo/intel. Msg 165 on link 40988	FSK 200/1000	(Danix)
M42d	8051	22-3	2310	Tue	Russian diplo/intel. Msg 167 on link 40988	FSK 200/1000	(AB)
M42d	8051	29-3	2310	Tue	Russian diplo/intel. Msg 167 on link 40988	FSK 200/1000	(AB)
M42d	8076	23-3	2210	Wed	Russian diplo/intel. Msg 030 on link 45079	FSK 200/1000	(Danix)
M42d	8093	1-3	0710	Tue	Russian diplo/intel. Msg 142 on link 45136	FSK 200/1000	(AB)
M42d	8093	2-3	0710	Wed	Russian diplo/intel. Msg 147 on link 45136	FSK 200/1000	(AB)
M42d	8093	3-3	0710	Thu	Russian diplo/intel. Msg 150 on link 45137	FSK 200/1000	(AB)
M42d	8093	4-3	0710	Fri	Russian diplo/intel. Msg 037 on link 45136	FSK 200/1000	(AB)
M42d	8093	7-3	0710	Mon	Russian diplo/intel. Msg 155 on link 45136	FSK 200/1000	(AB)
M42d	8093	8-3	0710	Tue	Russian diplo/intel. Msg 157 on link 45137	FSK 200/1000	(AB)
M42d	8093	9-3	0710	Wed	Russian diplo/intel. Msg 162 on link 45136	FSK 200/1000	(AB)
M42d	8093	11-3	0710	Fri	Russian diplo/intel. Msg 052 on link 45136	FSK 200/1000	(AB)
M42d	8093	14-3	0710	Mon	Russian diplo/intel. Msg 170 on link 45137	FSK 200/1000	(AB)
M42d	8093	15-3	0710	Tue	Russian diplo/intel. Msg 172 on link 45136	FSK 200/1000	(AB)
M42d	8093	16-3	0710	Wed	Russian diplo/intel. Msg 177 on link 45137	FSK 200/1000	(AB)
M42d	8093	17-3	0710	Thu	Russian diplo/intel. Msg 180 on link 45136	FSK 200/1000	(AB)
M42d	8093	18-3	0710	Fri	Russian diplo/intel. Msg 092 on link 45137	FSK 200/1000	(AB)
M42d	8093	21-3	0710	Mon	Russian diplo/intel. Msg 185 on link 45136	FSK 200/1000	(AB)
M42d	8093	22-3	0710	Tue	Russian diplo/intel. Msg 187 on link 45136	FSK 200/1000	(AB)
M42d	8093	23-3	0710	Wed	Russian diplo/intel. Msg 192 on link 45136	FSK 200/1000	(AB)
M42d	8093	24-3	0710	Thu	Russian diplo/intel. Msg 195 on link 45137	FSK 200/1000	(AB)
M42d	8093	25-3	0710	Fri	Russian diplo/intel. Msg 067 on link 45137	FSK 200/1000	(AB)
M42d	8093	28-3	0710	Mon	Russian diplo/intel. Msg 200 on link 45136	FSK 200/1000	(AB)
M42d	8093	30-3	0710	Wed	Russian diplo/intel. Msg 207 on link 45137	FSK 200/1000	(AB)
M42d	8093	31-3	0710	Thu	Russian diplo/intel. Msg 210 on link 45137	FSK 200/1000	(AB)
M42d	8137	21-3	0510	Mon	Russian diplo/intel. Msg 030 on link 45079	FSK 200/1000	(AB)
M42d	9244	1-3	1710	Tue	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	9244	8-3	1710	Tue	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	9244	22-3	1710	Tue	Russian diplo/intel. Msg 147 on link 20501	FSK 200/1000	(AB)
M42d	10164	23-3	2200	Wed	Russian diplo/intel. Msg 030 on link 45079	FSK 200/1000	(Danix)
M42d	10421	1-3	0800	Tue	Russian diplo/intel. Message 235 on link 00000	FSK 200/1000	(AB/Danix)
M42d	10429	21-3	0500	Mon	Russian diplo/intel. Msg 030 on link 45079	FSK 200/1000	(AB)

M42d	10643	15-3	2300	Tue	Russian diplo/intel. Msg 165 on link 40988	FSK 200/1000	(Danix)
M42d	10643	22-3	2300	Tue	Russian diplo/intel. Msg 167 on link 40988	FSK 200/1000	(AB)
M42d	10643	29-3	2300	Tue	Russian diplo/intel. Msg 167 on link 40988	FSK 200/1000	(AB)
M42d	10671	1-3	0700	Tue	Russian diplo/intel. Msg 142 on link 45136	FSK 200/1000	(AB)
M42d	10671	2-3	0700	Wed	Russian diplo/intel. Msg 147 on link 45136	FSK 200/1000	(AB)
M42d	10671	3-3	0700	Thu	Russian diplo/intel. Msg 150 on link 45137	FSK 200/1000	(AB)
M42d	10671	4-3	0700	Fri	Russian diplo/intel. Msg 037 on link 45136	FSK 200/1000	(AB)
M42d	10671	7-3	0700	Mon	Russian diplo/intel. Msg 155 on link 45136	FSK 200/1000	(AB)
M42d	10671	8-3	0700	Tue	Russian diplo/intel. Msg 157 on link 45137	FSK 200/1000	(AB)
M42d	10671	9-3	0700	Wed	Russian diplo/intel. Msg 162 on link 45136	FSK 200/1000	(AB)
M42d	10671	11-3	0700	Fri	Russian diplo/intel. Msg 052 on link 45136	FSK 200/1000	(AB)
M42d	10671	14-3	0700	Mon	Russian diplo/intel. Msg 170 on link 45137	FSK 200/1000	(AB)
M42d	10671	15-3	0700	Tue	Russian diplo/intel. Msg 172 on link 45136	FSK 200/1000	(AB)
M42d	10671	16-3	0700	Wed	Russian diplo/intel. Msg 177 on link 45137	FSK 200/1000	(AB)
M42d	10671	17-3	0700	Thu	Russian diplo/intel. Msg 180 on link 45136	FSK 200/1000	(AB)
M42d	10671	18-3	0700	Fri	Russian diplo/intel. Msg 092 on link 45137	FSK 200/1000	(AB)
M42d	10671	21-3	0700	Mon	Russian diplo/intel. Msg 185 on link 45136	FSK 200/1000	(AB)
M42d	10671	22-3	0700	Tue	Russian diplo/intel. Msg 187 on link 45136	FSK 200/1000	(AB)
M42d	10671	23-3	0700	Wed	Russian diplo/intel. Msg 192 on link 45136	FSK 200/1000	(AB)
M42d	10671	24-3	0700	Thu	Russian diplo/intel. Msg 195 on link 45137	FSK 200/1000	(AB)
M42d	10671	25-3	0700	Fri	Russian diplo/intel. Msg 067 on link 45137	FSK 200/1000	(AB)
M42d	10671	28-3	0700	Mon	Russian diplo/intel. Msg 200 on link 45136	FSK 200/1000	(AB)
M42d	10671	30-3	0700	Wed	Russian diplo/intel. Msg 207 on link 45137	FSK 200/1000	(AB)
M42d	10671	31-3	0700	Thu	Russian diplo/intel. Msg 210 on link 45137	FSK 200/1000	(AB)
M42d	11129	1-3	1700	Tue	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	11129	8-3	1700	Tue	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	11129	22-3	1700	Tue	Russian diplo/intel. Msg 147 on link 20501	FSK 200/1000	(AB)
M42d	11133	18-3	0620	Fri	Russian diplo/intel. Msg 165 on link 40988	FSK 200/1000	(AB/Danix)
M42d	11428	1-3	1200	Tue	Russian diplo/intel. Msg 142 on link 45136	FSK 200/1000	(AB/MPJ)
M42d	11428	2-3	1200	Wed	Russian diplo/intel. Msg 147 on link 45136	FSK 200/1000	(AB)
M42d	11428	3-3	1200	Thu	Russian diplo/intel. Msg 150 on link 45137	FSK 200/1000	(AB)
M42d	11428	7-3	1200	Mon	Russian diplo/intel. Msg 155 on link 45136	FSK 200/1000	(AB)
M42d	11428	8-3	1200	Tue	Russian diplo/intel. Msg 157 on link 45137	FSK 200/1000	(AB)
M42d	11428	9-3	1200	Wed	Russian diplo/intel. Msg 162 on link 45136	FSK 200/1000	(AB)
M42d	11428	10-3	1200	Thu	Russian diplo/intel. Msg 165 on link 45136	FSK 200/1000	(AB)
M42d	11428	14-3	1200	Mon	Russian diplo/intel. Msg 170 on link 45137	FSK 200/1000	(AB/MPJ)
M42d	11428	15-3	1200	Tue	Russian diplo/intel. Msg 172 on link 45136	FSK 200/1000	(AB)
M42d	11428	16-3	1200	Wed	Russian diplo/intel. Msg 177 on link 45137	FSK 200/1000	(AB/Benka)
M42d	11428	17-3	1200	Thu	Russian diplo/intel. Msg 180 on link 45136	FSK 200/1000	(AB)
M42d	11428	22-3	1200	Tue	Russian diplo/intel. Msg 187 on link 45136	FSK 200/1000	(AB)
M42d	11428	23-3	1200	Wed	Russian diplo/intel. Msg 192 on link 45136	FSK 200/1000	(AB)
M42d	11428	24-3	1200	Thu	Russian diplo/intel. Msg 195 on link 45137	FSK 200/1000	(AB)
M42d	11428	28-3	1200	Mon	Russian diplo/intel. Msg 200 on link 45136	FSK 200/1000	(AB)
M42d	11428	29-3	1200	Tue	Russian diplo/intel. Msg 202 on link 45136	FSK 200/1000	(AB)
M42d	11428	30-3	1200	Wed	Russian diplo/intel. Msg 207 on link 45137	FSK 200/1000	(AB)
M42d	11428	31-3	1200	Thu	Russian diplo/intel. Msg 210 on link 45137	FSK 200/1000	(AB)
M42d	12195	6-3	1550	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	12195	13-3	1550	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	12195	15-3	1550	Tue	Russian diplo/intel. Msg 147 on link 20501	FSK 200/1000	(AB)
M42d	12195	20-3	1550	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	13386	1-3	1650	Tue	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	13386	8-3	1650	Tue	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	13386	22-3	1650	Tue	Russian diplo/intel. Msg 147 on link 20501	FSK 200/1000	(AB)
M42d	13419	18-3	0610	Fri	Russian diplo/intel. Msg 165 on link 40988	FSK 200/1000	(Danix)
M42d	13471	3-3	1350	Thu	Russian diplo/intel. Msg 002 on link 49237	FSK 200/1000	(AB)
M42d	13471	10-3	1350	Thu	Russian diplo/intel. Msg 002 on link 49237	FSK 200/1000	(AB)
M42d	13471	17-3	1350	Thu	Russian diplo/intel. Msg 117 on link 49237	FSK 200/1000	(AB)
M42d	13471	24-3	1350	Thu	Russian diplo/intel. Msg 132 on link 49237	FSK 200/1000	(AB)
M42d	13471	31-3	1350	Thu	Russian diplo/intel. Msg 170 on link 49237	FSK 200/1000	(AB)
M42d	13515	12-3	0920	Sat	Russian diplo/intel. Msg 067 on link 45114	FSK 200/1000	(AB)
M42d	13515	13-3	0920	Sun	Russian diplo/intel. Msg 067 on link 45114	FSK 200/1000	(AB)
M42d	13515	26-3	0920	Sat	Russian diplo/intel. Msg 070 on link 45114	FSK 200/1000	(AB/Danix)
M42d	13515	27-3	0920	Sun	Russian diplo/intel. Msg 070 on link 45114	FSK 200/1000	(AB)
M42d	14353	6-3	1540	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	14353	13-3	1540	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	14353	15-3	1540	Tue	Russian diplo/intel. Msg 147 on link 20501	FSK 200/1000	(AB)
M42d	14353	20-3	1540	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)

M42d	14423	2-3	0840	Wed	Russian diplo/intel. Msg 187 on link 45075	FSK 200/1000	(AB)
M42d	14423	9-3	0840	Wed	Russian diplo/intel. Msg 117 on link 45075	FSK 200/1000	(AB)
M42d	14423	16-3	0840	Wed	Russian diplo/intel. Msg 007 on link 45075	FSK 200/1000	(AB/Benka)
M42d	14423	23-3	0840	Wed	Russian diplo/intel. Msg 127 on link 45075	FSK 200/1000	(AB)
M42d	14423	30-3	0840	Wed	Russian diplo/intel. Msg 022 on link 45075	FSK 200/1000	(AB)
M42d	14434	5-3	1120	Sat	Russian diplo/intel. Msg 110 on link 36882	FSK 200/1000	(AB)
M42d	14434	6-3	1120	Sun	Russian diplo/intel. Msg 110 on link 36882	FSK 200/1000	(AB)
M42d	14434	12-3	1120	Sat	Russian diplo/intel. Msg 112 on link 36882	FSK 200/1000	(AB)
M42d	14434	13-3	1120	Sun	Russian diplo/intel. Msg 112 on link 36882	FSK 200/1000	(AB)
M42d	14434	19-3	1120	Sat	Russian diplo/intel. Msg 115 on link 36882	FSK 200/1000	(AB)
M42d	14434	20-3	1120	Sun	Russian diplo/intel. Msg 115 on link 36882	FSK 200/1000	(AB)
M42d	14434	26-3	1120	Sat	Russian diplo/intel. Msg 0022 on link 36882	FSK 200/1000	(AB/Danix)
M42d	14459	2-3	0620	Wed	Russian diplo/intel. Msg 122 on link 32817	FSK 200/1000	(AB)
M42d	14459	3-3	0620	Thu	Russian diplo/intel. Msg 122 on link 32817	FSK 200/1000	(AB)
M42d	14459	9-3	0620	Wed	Russian diplo/intel. Link ID 32816, Date 5th, Serial #50 / Link ID 32817, Date 5th, Serial #51	FSK 200/1000	(AB)
M42d	14459	10-3	0620	Thu	Russian diplo/intel. Msg 125 on link 32816	FSK 200/1000	(AB)
M42d	14459	16-3	0620	Wed	Russian diplo/intel. Msg 102 on link 32817	FSK 200/1000	(AB)
M42d	14459	30-3	0620	Wed	Russian diplo/intel. Link ID 32816, Date 26th, Serial #57 / Link ID 32817, Date 26th, Serial #58	FSK 200/1000	(Danix)
M42d	14459	30-3	0620	Wed	Russian diplo/intel. Msg 142 on link 32816	FSK 200/1000	(AB)
M42d	14459	31-3	0620	Thu	Russian diplo/intel. Link ID 32816, Date 26th, Serial #57 / Link ID 32817, Date 26th, Serial #58	FSK 200/1000	(Danix)
M42d	14639	12-3	1020	Sat	Russian diplo/intel. Msg 203 on link 45057	FSK 200/1000	(AB)
M42d	14639	13-3	1020	Sun	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB)
M42d	14639	26-3	1020	Sat	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB/Danix)
M42d	14639	27-3	1020	Sun	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB)
M42d	14723	2-3	1250	Wed	Russian diplo/intel. Msg 002 on link 53277	FSK 200/1000	(AB/MPJ)
M42d	14983	23-3	1035	Wed	Russian diplo/intel. Msg 065 on link 20492	FSK 200/1000	(AB)
M42d	15833	12-3	0910	Sat	Russian diplo/intel. Msg 067 on link 45114	FSK 200/1000	(AB)
M42d	15833	13-3	0910	Sun	Russian diplo/intel. Msg 067 on link 45114	FSK 200/1000	(AB)
M42d	15833	26-3	0910	Sat	Russian diplo/intel. Msg 070 on link 45114	FSK 200/1000	(AB/Danix)
M42d	15833	27-3	0910	Sun	Russian diplo/intel. Msg 070 on link 45114	FSK 200/1000	(AB)
M42d	15859	3-3	1340	Thu	Russian diplo/intel. Msg 002 on link 49237	FSK 200/1000	(AB)
M42d	15859	10-3	1340	Thu	Russian diplo/intel. Msg 002 on link 49237	FSK 200/1000	(AB)
M42d	15859	17-3	1340	Thu	Russian diplo/intel. Msg 117 on link 49237	FSK 200/1000	(AB)
M42d	15859	24-3	1340	Thu	Russian diplo/intel. Msg 132 on link 49237	FSK 200/1000	(AB)
M42d	15859	31-3	1340	Thu	Russian diplo/intel. Msg 170 on link 49237	FSK 200/1000	(AB)
M42d	15883	1-3	1420	Tue	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	15883	2-3	1420	Wed	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	15883	3-3	1420	Thu	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB/F5JBR)
M42d	15883	4-3	1420	Fri	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	15883	5-3	1420	Sat	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB/F5JBR)
M42d	15883	6-3	1420	Sun	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	15883	7-3	1420	Mon	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	15883	9-3	1420	Wed	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	15883	10-3	1420	Thu	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	16034	6-3	1530	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	16034	13-3	1530	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	16034	15-3	1530	Tue	Russian diplo/intel. Msg 147 on link 20501	FSK 200/1000	(AB)
M42d	16034	20-3	1530	Sun	Russian diplo/intel. Msg 002 on link 20501	FSK 200/1000	(AB)
M42d	16046	2-3	0610	Wed	Russian diplo/intel. Msg 122 on link 32817	FSK 200/1000	(AB)
M42d	16046	3-3	0610	Thu	Russian diplo/intel. Msg 122 on link 32817	FSK 200/1000	(AB)
M42d	16046	9-3	0610	Wed	Russian diplo/intel. Link ID 32816, Date 5th, Serial #50 / Link ID 32817, Date 5th, Serial #51	FSK 200/1000	(AB)
M42d	16046	10-3	0610	Thu	Russian diplo/intel. Msg 125 on link 32816	FSK 200/1000	(AB)
M42d	16046	16-3	0610	Wed	Russian diplo/intel. Msg 102 on link 32817	FSK 200/1000	(AB)
M42d	16046	30-3	0610	Wed	Russian diplo/intel. Msg 142 on link 32816	FSK 200/1000	(AB)
M42d	16046	30-3	0610	Wed	Russian diplo/intel. Link ID 32816, Date 26th, Serial #57 / Link ID 32817, Date 26th, Serial #58	FSK 200/1000	(Danix)
M42d	16046	31-3	0610	Thu	Russian diplo/intel. Link ID 32816, Date 26th, Serial #57 / Link ID 32817, Date 26th, Serial #58	FSK 200/1000	(Danix)
M42d	16061	10-3	0620	Thu	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	16061	23-3	0920	Wed	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	16061	24-3	0920	Thu	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	16223	12-3	1010	Sat	Russian diplo/intel. Msg 203 on link 45057	FSK 200/1000	(AB)
M42d	16223	13-3	1010	Sun	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB)

M42d	16223	26-3	1010	Sat	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB/Danix)
M42d	16223	27-3	1010	Sun	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB)
M42d	16239	1-3	1420	Tue	Russian diplo/intel. Msg 002 on link 32799	FSK 200/1000	(AB)
M42d	16239	15-3	1420	Tue	Russian diplo/intel. Msg 102 on link 32799	FSK 200/1000	(AB)
M42d	16239	22-3	1420	Tue	Russian diplo/intel. Msg 110 on link 32799	FSK 200/1000	(AB/MPJ)
M42d	16264	2-3	1020	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	16264	9-3	1020	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	16264	16-3	1020	Wed	Russian diplo/intel. Msg 110 on link 49202	FSK 200/1000	(AB)
M42d	16264	23-3	1020	Wed	Russian diplo/intel. Msg 110 on link 49202	FSK 200/1000	(AB)
M42d	16264	30-3	1020	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	16273	5-3	1110	Sat	Russian diplo/intel. Msg 110 on link 36882	FSK 200/1000	(AB)
M42d	16273	6-3	1110	Sun	Russian diplo/intel. Msg 110 on link 36882	FSK 200/1000	(AB)
M42d	16273	12-3	1110	Sat	Russian diplo/intel. Msg 112 on link 36882	FSK 200/1000	(AB)
M42d	16273	13-3	1110	Sun	Russian diplo/intel. Msg 112 on link 36882	FSK 200/1000	(AB)
M42d	16273	19-3	1110	Sat	Russian diplo/intel. Msg 115 on link 36882	FSK 200/1000	(AB)
M42d	16273	20-3	1110	Sun	Russian diplo/intel. Msg 115 on link 36882	FSK 200/1000	(AB)
M42d	16273	26-3	1110	Sat	Russian diplo/intel. Msg 002 on link 36882	FSK 200/1000	(AB/Danix)
M42d	16278	2-3	0820	Wed	Russian diplo/intel. Msg 187 on link 45075	FSK 200/1000	(AB)
M42d	16278	9-3	0820	Wed	Russian diplo/intel. Msg 117 on link 45085	FSK 200/1000	(AB)
M42d	16278	16-3	0820	Wed	Russian diplo/intel. Msg 007 on link 45085	FSK 200/1000	(AB)
M42d	16278	23-3	0820	Wed	Russian diplo/intel. Msg 127 on link 45075	FSK 200/1000	(AB)
M42d	16278	30-3	0820	Wed	Russian diplo/intel. Msg 022 on link 45075	FSK 200/1000	(AB)
M42d	16314	2-3	1240	Wed	Russian diplo/intel. Msg 002 on link 53277	FSK 200/1000	(AB/MPJ)
M42d	17428	23-3	1025	Wed	Russian diplo/intel. Msg 065 on link 20492	FSK 200/1000	(AB)
M42d	17437	12-3	0900	Sat	Russian diplo/intel. Msg 067 on link 45114	FSK 200/1000	(AB)
M42d	17437	13-3	0900	Sun	Russian diplo/intel. Msg 067 on link 45114	FSK 200/1000	(AB)
M42d	17437	26-3	0900	Sat	Russian diplo/intel. Msg 070 on link 45114	FSK 200/1000	(AB/Danix)
M42d	17437	27-3	0900	Sun	Russian diplo/intel. Msg 070 on link 45114	FSK 200/1000	(AB)
M42d	17451	1-3	1410	Tue	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	17451	2-3	1410	Wed	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	17451	3-3	1410	Thu	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB/F5JBR)
M42d	17451	4-3	1410	Fri	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	17451	5-3	1410	Sat	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB/F5JBR)
M42d	17451	6-3	1410	Sun	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	17451	9-3	1410	Wed	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	17451	10-3	1410	Thu	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	17468	3-3	1330	Thu	Russian diplo/intel. Msg 002 on link 49237	FSK 200/1000	(AB)
M42d	17468	10-3	1330	Thu	Russian diplo/intel. Msg 002 on link 49237	FSK 200/1000	(AB)
M42d	17468	17-3	1330	Thu	Russian diplo/intel. Msg 117 on link 49237	FSK 200/1000	(AB)
M42d	17468	24-3	1330	Thu	Russian diplo/intel. Msg 132 on link 49237	FSK 200/1000	(AB)
M42d	17468	31-3	1330	Thu	Russian diplo/intel. Msg 170 on link 49237	FSK 200/1000	(AB)
M42d	18187	2-3	0600	Wed	Russian diplo/intel. Msg 122 on link 32817	FSK 200/1000	(AB)
M42d	18187	3-3	0600	Thu	Russian diplo/intel. Msg 122 on link 32817	FSK 200/1000	(AB)
M42d	18187	9-3	0600	Wed	Russian diplo/intel. Link ID 32816, Date 5th, Serial #50 / Link ID 32817, Date 5th, Serial #51	FSK 200/1000	(AB)
M42d	18187	10-3	0600	Thu	Russian diplo/intel. Msg 125 on link 32816	FSK 200/1000	(AB)
M42d	18187	16-3	0600	Wed	Russian diplo/intel. Msg 102 on link 32817	FSK 200/1000	(AB)
M42d	18189	30-3	0600	Wed	Russian diplo/intel. Link ID 32816, Date 26th, Serial #57 / Link ID 32817, Date 26th, Serial #58	FSK 200/1000	(Danix)
M42d	18189	31-3	0600	Thu	Russian diplo/intel. Link ID 32816, Date 26th, Serial #57 / Link ID 32817, Date 26th, Serial #58	FSK 200/1000	(Danix)
M42d	18215	10-3	0610	Thu	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	18215	23-3	0910	Wed	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	18215	24-3	0910	Thu	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	18238	1-3	1410	Tue	Russian diplo/intel. Msg 002 on link 32799	FSK 200/1000	(AB)
M42d	18238	15-3	1410	Tue	Russian diplo/intel. Msg 102 on link 32799	FSK 200/1000	(AB)
M42d	18238	22-3	1410	Tue	Russian diplo/intel. Msg 110 on link 32799	FSK 200/1000	(AB/MPJ)
M42d	18344	5-3	1100	Sat	Russian diplo/intel. Msg 110 on link 36882	FSK 200/1000	(AB)
M42d	18344	6-3	1100	Sun	Russian diplo/intel. Msg 110 on link 36882	FSK 200/1000	(AB)
M42d	18344	12-3	1100	Sat	Russian diplo/intel. Msg 112 on link 36882	FSK 200/1000	(AB)
M42d	18344	13-3	1100	Sun	Russian diplo/intel. Msg 112 on link 36882	FSK 200/1000	(AB)
M42d	18344	19-3	1100	Sat	Russian diplo/intel. Msg 115 on link 36882	FSK 200/1000	(AB)
M42d	18344	20-3	1100	Sun	Russian diplo/intel. Msg 115 on link 36882	FSK 200/1000	(AB)
M42d	18344	26-3	1100	Sat	Russian diplo/intel. Msg 002 on link 36882	FSK 200/1000	(AB/Danix)
M42d	18406	5-3	1520	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB)
M42d	18406	12-3	1520	Sat	Russian diplo/intel. Msg 23 on link 32821	FSK 200/1000	(Danix)
M42d	18406	13-3	1520	Sun	Russian diplo/intel. Msg 057 on link 32821	FSK 200/1000	(AB)

M42d	18406	26-3	1520	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB/Danix)
M42d	18431	2-3	0800	Wed	Russian diplo/intel. Msg 187 on link 45075	FSK 200/1000	(AB)
M42d	18431	9-3	0800	Wed	Russian diplo/intel. Msg 117 on link 45075	FSK 200/1000	(AB)
M42d	18431	16-3	0800	Wed	Russian diplo/intel. Msg 007 on link 45075	FSK 200/1000	(AB)
M42d	18431	23-3	0800	Wed	Russian diplo/intel. Msg 127 on link 45075	FSK 200/1000	(AB)
M42d	18431	30-3	0800	Wed	Russian diplo/intel. Msg 022 on link 45075	FSK 200/1000	(AB)
M42d	18553	2-3	1010	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	18553	9-3	1010	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	18553	16-3	1010	Wed	Russian diplo/intel. Msg 110 on link 49202	FSK 200/1000	(AB)
M42d	18553	23-3	1010	Wed	Russian diplo/intel. Msg 110 on link 49202	FSK 200/1000	(AB)
M42d	18553	30-3	1010	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	18563	2-3	1230	Wed	Russian diplo/intel. Msg 002 on link 53277	FSK 200/1000	(AB/MPJ)
M42d	18751	12-3	1550	Sat	Russian diplo/intel. Msg 1 on link 32821	FSK 200/1000	(Danix)
M42d	18751	26-3	1550	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB/Danix)
M42d	18948	12-3	1000	Sat	Russian diplo/intel. Msg 203 on link 45057	FSK 200/1000	(AB)
M42d	18948	13-3	1000	Sun	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB)
M42d	18948	26-3	1000	Sat	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB/Danix)
M42d	18948	27-3	1000	Sun	Russian diplo/intel. Msg 202 on link 45057	FSK 200/1000	(AB)
M42d	19825	1-3	1420	Tue	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	19825	2-3	1400	Wed	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	19825	3-3	1400	Thu	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB/F5JBR)
M42d	19825	4-3	1400	Fri	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	19825	5-3	1400	Sat	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	19825	6-3	1400	Sun	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	19825	9-3	1400	Wed	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	19825	10-3	1400	Thu	Russian diplo/intel. Msg 002 on link 41022	FSK 200/1000	(AB)
M42d	20138	23-3	1015	Wed	Russian diplo/intel. Msg 065 on link 20492	FSK 200/1000	(AB)
M42d	20361	1-3	1400	Tue	Russian diplo/intel. Msg 002 on link 32799	FSK 200/1000	(AB)
M42d	20361	15-3	1400	Tue	Russian diplo/intel. Msg 102 on link 32799	FSK 200/1000	(AB)
M42d	20361	22-3	1400	Tue	Russian diplo/intel. Msg 110 on link 32799	FSK 200/1000	(AB/MPJ)
M42d	20374	5-3	1510	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB)
M42d	20374	12-3	1510	Sat	Russian diplo/intel. Msg 23 on link 32821	FSK 200/1000	(Danix)
M42d	20374	13-3	1510	Sun	Russian diplo/intel. Msg 057 on link 32821	FSK 200/1000	(AB)
M42d	20374	26-3	1510	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB/Danix)
M42d	20386	10-3	0600	Thu	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	20386	23-3	0900	Wed	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	20386	24-3	0900	Thu	Russian diplo/intel. Msg 242 on link 16404	FSK 200/1000	(AB)
M42d	20634	12-3	1540	Sat	Russian diplo/intel. Msg 1 on link 32821	FSK 200/1000	(Danix)
M42d	20634	26-3	1540	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB/Danix)
M42d	20961	2-3	1000	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	20961	9-3	1000	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	20961	23-3	1000	Wed	Russian diplo/intel. Msg 110 on link 49202	FSK 200/1000	(AB)
M42d	20961	30-3	1000	Wed	Russian diplo/intel. Msg 002 on link 49202	FSK 200/1000	(AB)
M42d	22874	12-3	1530	Sat	Russian diplo/intel. Msg 1 on link 32821	FSK 200/1000	(Danix)
M42d	22874	26-3	1530	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB/Danix)
M42d	22913	5-3	1500	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB)
M42d	22913	12-3	1500	Sat	Russian diplo/intel. Msg 23 on link 32821	FSK 200/1000	(Danix)
M42d	22913	13-3	1500	Sun	Russian diplo/intel. Msg 057 on link 32821	FSK 200/1000	(AB)
M42d	22913	26-3	1500	Sat	Russian diplo/intel. Msg 002 on link 32821	FSK 200/1000	(AB/Danix)
M51a	1833	9-3	1810	Wed	FAV22. Encrypted messages //3881 kHz	CW	(F5JBR)
M51a	3881	7-3	1849	Mon	FAV22	CW	(BvR)
M51a	3881	9-3	1810	Wed	FAV22. Encrypted messages //1833 kHz	CW	(F5JBR)
M51a	3881	18-3	2037	Fri	FAV22: French Morse Practice. Mixed 5LGs, 5FGs, punctuation and prosigns.	CW	(MPJ)
M51a	6825	4-3	1553	Fri	i.p. WNBXH FGRYD XVCHZ KLWYO ZPLIK DFSZJ TGDIZ WKSTG 46382 PMDHZ HJDKZ WBXHF RYHFK ...	CW	(AB)
M51a	7469	16-3	0640	Wed	FAV22 Encrypted messages	CW	(F5JBR)
M51a	10628	6-3	0056	Sun	5LGs FAV22 REF	CW	(MCO)
M76	3280	8-3	1755	Tue	SPÜR de 1ÂDE QTC 177 34 = 26310 14964 90080 14230 16411 83295 08664 61831 78602 01120 ...	CW	(F5JBR)
M76	3280	9-3	1747	Wed	KAC8 de 5UKL QTC 181 29 = 26310 15074 90080 30164 42171 18640 18317 86020 11209 13515 ...	CW	(FJBR)
M76	3280	10-3	1750	Thu	ÂFEU DE FHOY QTC 183 30 = 26310 15084 90080 14240 96411 83178 60325 81990 30385 64905 ...	CW	(F5JBR)
M76	3280	11-3	1750	Fri	IRFW DE UCWP QTC 185 31 = 26310 15094 90080 25631 72551 42641 18317 86010 11209 27618 ...	CW	(F5JBR)

M76	3280	12-3	1749	Sat	HMMT DE CQ11 QTC 189 29 = 26310 15104 90080 30030 16441 25649 17860 12556 03209 27603 ...	CW	(F5JBR)
M76	3280	13-3	1750	Sun	ÛL62 de OYSR QTC 195 33 = 26310 15114 90080 30113 83006 49183 12565 01831 78603 01120 ...	CW	(F5JBR)
M76	3280	14-3	1750	Mon	VGLV de Y7Û8 QTC 198 32 = 26310 15124 90080 39062 24110 98517 24421 76181 83178 60591 ...	CW	(F5JBR)
M76	3280	15-3	1750	Tue	45RF DE Y1CU QTC 201 29 = 26310 15134 90080 30030 16441 83178 60201 12092 76385 65015 ...	CW	(F5JBR)
M76	3280	16-3	1750	Wed	2W2S DE R9EW QTC 203 32 = 26310 15144 90080 30034 81184 08644 18317 86001 12092 76267 ...	CW	(F5JBR)
M76	3280	17-3	1750	Thu	GNBC DE 8ÛFT QTC 209 27 = 26310 15154 90080 40864 41831 78600 01120 92583 05649 15835 ...	CW	(F5JBR)
M76	3280	19-3	1750	Sat	NÂGO DE 3EM2 QTC 211 29 = 26310 15164 90080 41540 86461 83170 60101 12091 99255 06338 ...	CW	(F5JBR)
M76	3280	19-3	1751	Sat	ChU56 DE J86V QTC 215 35 = 26310 15174 90080 30164 61832 44644 18325 54156 41183 17860 ...	CW	(F5JBR)
M76	3280	20-3	1750	Sun	MH49 de SKLF QTC 217 31 = 26310 15184 90080 51540 86403 56641 18317 86000 11209 19931	CW	(AB/F5JBR)
M76	3280	21-3	0500	Mon	Â79G de MOY3 QTC 218 32 = 26310 05194 90080 31840 86411 95178 59901 12092 58313 13538 ...	CW	(F5JBR)
M76	3280	21-3	1750	Mon	6CY3 DE KDRS QTC 219 38 = 26310 15194 90080 25611 86411 83255 34840 96441 83178 59901 ...	CW	(F5JBR)
M76	3280	22-3	1751	Tue	DQVD de Â32C QTC 220 32 = 26310 15204 90083 25611 86443 55142 40964 61831 78601 01120 ...	CW	(F5JBR)
M76	3280	23-3	1750	Wed	EY9A EY9A EY9A DE I4BO I4BO QTC 223 34 = 26310 15214 90080 40925 53483 02644 18317 86000 11209 13529 ...	CW	(AB/F5JBR)
M76	3280	24-3	1750	Thu	A7PQ de 22G6 QTC 227 32 = 26310 15224 90080 30030 26442 43509 19317 86010 11209 25816 ...	CW	(F5JBR)
M76	3280	25-3	1750	Fri	L1H4 L1H4 L1H4 DE ÛB59 ÛB59 QTC 230 28 = 26310 15234 90080 30164 11831 78601 01120 92763 85649 15835 ...	CW	(AB)
M76	3280	26-3	1750	Sat	VS43 wkg 79QJ ... rrrrr 202xx wwwwww 73850 97465 75149 15502 91601 5xxxx nnnnn = 235 43 = ...	CW	(F5JBR/MPJ)
M76	3280	27-3	1650	Sun	2K8F 2K8F 2K8F de M6EK M6EK M6EK QTC 239 27 = 2 .10 15254 90080 11825 64156 41183 1 .860 10112 09119 38574	CW	(BR/AB)
M76	3280	29-3	0440	Tue	TENG TENG TENG de 26VA 26VA QTC 243 29 = 26310 05274 92080 41564 11831 78599 02120 92763 85649 36217 ...	CW	(BR)
M76	3280	30-3	1650	Wed	Q40O Q40O Q40O de DV6L DV6L QTC 248 41 = 26310 05284 92080 15640 86402 55409 64018 31785 99011 ...	CW	(BR)
M76	3280	31-3	1655	Thu	i.p. unreadable	CW	(AB)
M89	3210	18-3	1504	Fri	i.p. 6U7A 75T6 N5D7 64NT AR QSL ? K	CW	(JPL)
M89	3300	13-3	1841	Sun	4AN3 T5NU 6DNT NU73 65AN 4N75 III BT T3AN 47T4 NU5D 73UA T653 ...	CW	(JPL)
M89	3516	24-3	1601	Thu	i.p. DP7391 QSA 2 NIL SK	CW	(JPL)
M89	3563	5-3	1416	Sat	i.p. DNT6 T4DA 673D D4AN AUNT AR QSL 2237 = AU3U 4D6A NT75 AU6N ND6U AR QSL 2245 =	CW	(JPL)
M89	3572	24-3	1410	Thu	i.p. I RPT 34W TO 15W K. I RPT 81W K. I RPT 92W K	CW	(JPL)
M89	3642	4-3	1817	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	4-3	1943	Fri	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	5-3	1408	Sat	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	5-3	1913	Sat	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	6-3	1517	Sun	DKG6 de 3A7D V	CW	(F5JBR)
M89	3642	6-3	1542	Sun	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	6-3	1823	Sun	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	6-3	1937	Sun	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	7-3	1607	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	7-3	1900	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	7-3	2125	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	8-3	1450	Tue	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	9-3	1755	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	9-3	2025	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	10-3	1411	Thu	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	10-3	1625	Thu	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	11-3	2016	Fri	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)

M89	3642	13-3	1444	Sun	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	13-3	1839	Sun	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	14-3	1513	Mon	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	17-3	1838	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	18-3	1457	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	18-3	1528	Fri	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	18-3	2215	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	19-3	1737	Sat	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	19-3	1914	Sat	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	19-3	2214	Sat	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	20-3	1750	Sun	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	21-3	1339	Mon	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	21-3	1632	Mon	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	22-3	0100	Tue	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	22-3	1455	Tue	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	23-3	1738	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	24-3	1014	Thu	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	24-3	1422	Thu	i.p. 4UDA NDA7 NA7D DAUT UT4N DDT6 ... III = TDU7 ANTU 5T54 645A ... //7602	CW	(JPL)
M89	3642	25-3	1354	Fri	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	25-3	2107	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	26-3	1428	Sat	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	3642	29-3	1433	Tue	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3642	30-3	1853	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M89	3664	24-3	1417	Thu	i.p. 357D 5UTD AT63 647A AR K. R	CW	(JPL)
M89	3747	9-3	1613	Wed	i.p. 6A7D 435N TAU6 N7DT AU34 ...	CW	(JPL)
M89	3870	7-3	1610	Mon	i.p. 5DN4 U5TN 5A64 775N 5633 AR	CW	(JPL)
M89	3870	19-3	1959	Sat	i.p. 4N5U 6T7N 6T4A 3D5U 7D6A	CW	(JPL)
M89	3883	13-3	1826	Sun	ND5U 63TN UT75 NUT3 5A34 III = DED3 N AR	CW	(JPL)
M89	3894	6-3	1558	Sun	i.p. DE DP91 CL K. DP7391 QSA 4 NIL SK GB (see N&O 222)	CW	(JPL)
M89	3894	7-3	1601	Mon	DP7391 QSA 2 NIL SK GB DP7791 QSA 2 NIL SK GB DP7491 QSA 2 NIL SK GB	CW	(JPL)
M89	3894	9-3	1559	Wed	DP7391 QSA 4 NIL SK GB DP7491 QSA 2 NIL SK GB DP7691 QSA 2 NIL SK GB	CW	(JPL)
M89	3894	25-3	1608	Fri	i.p. DP7491 QSA 2 NIL SK GB DP7691 QSA 2 NIL SK GB	CW	(JPL)
M89	4121	20-3	1125	Sun	i.p. A33U ND5N DD6T III III III BT BT BT BT ND65 5NU4 6456 ...	CW	(JPL)
M89	4131	19-3	1741	Sat	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4131	19-3	1909	Sat	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4131	19-3	1934	Sat	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	4131	20-3	1754	Sun	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	4131	22-3	0102	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4131	22-3	1708	Tue	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	4131	23-3	1710	Wed	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	4131	24-3	1443	Thu	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	4131	25-3	1716	Fri	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	4131	25-3	1738	Fri	i.p. 65AU 74TN 3D76 UA5D NT34 73DA //5177	CW	(JPL)
M89	4131	30-3	1856	Wed	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	4131	31-3	1817	Thu	V JKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	4225	6-3	1024	Sun	7U5U45T657A4U43U6N6U4T47U47D3A (running groups together) AR K	CW	(JPL)
M89	4293	29-3	1059	Tue	i.p. 37N4 III III = 36D5 5TDA 4A75 N6U3 5A75 ...	CW	(JPL)
M89	4322	22-3	1421	Tue	V B9GJ (x3) DE FSC8 (x2) TUE	CW	(JPL)
M89	4322	23-3	1741	Wed	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4322	23-3	2105	Wed	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4322	24-3	1323	Thu	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4322	24-3	1407	Thu	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4322	25-3	1414	Fri	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4322	25-3	1717	Fri	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4322	26-3	1225	Sat	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4322	30-3	2031	Wed	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4322	31-3	1820	Thu	V B9GJ (x3) DE FSC8 (x2)	CW	(JPL)
M89	4328	22-3	1501	Tue	i.p. VV .PS4 DE I0TG K. R R DFJV DE DSS3 R QSA 1 QSA ? K (see N&O 222)	CW	(JPL)
M89	4364	22-3	1451	Tue	i.p. N6T4 6T3A 346N 63DA 54D3 AR K. R U MSG GA K	CW	(JPL)
M89	4364	25-3	2038	Fri	IEC = ZSHL AR K. R HR NR 1619 229 4 K (see N&O 220)	CW	(JPL)

M89	4364	29-3	1444	Tue	i.p. 3T4D 5A43 A5.. 34.N ATT3 AR K. R U MSG GA K. R GA K	CW	(JPL)
M89	4364	30-3	2032	Wed	V 7RTE DE C3RF K. R QSA 2 IEC = (see N&O 222)	CW	(JPL)
M89	4375	22-3	1405	Tue	CQ DE DP4091 HR NIL SK GB	CW	(JPL)
M89	4375	25-3	1356	Fri	CQ (x3) DE DP4091 (x2) V HR NIL SK GB (x3)	CW	(JPL)
M89	4635	25-3	1719	Fri	i.p. 4U34 A6UD A7UA 4434 ... AR R R R AS	CW	(JPL)
M89	4638	19-3	1744	Sat	3Z9 DE 7N4 (see N&O 222)	CW	(JPL)
M89	4638	22-3	1809	Tue	i.p. 54347 ND775 ADDAA 4N74A T7ND5 K. QRU QRU 308. 308 VVVA SK	CW	(JPL)
M89	4639	20-3	1332	Sun	i.p. N6AD3 AANA3 ATT54	CW	(JPL)
M89	4639	20-3	1822	Sun	i.p. 20612 88591 20526 K QRU VA VV QTC QTC QTC	CW	(JPL)
M89	4640	24-3	1610	Thu	VVV ISV DE X5W QRU 737582 VA VA TT	CW	(JPL)
M89	4720	4-3	1130	Fri	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	6-3	1730	Sun	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	6-3	1830	Sun	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	6-3	1930	Sun	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	7-3	1130	Mon	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	7-3	1230	Mon	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	7-3	2130	Mon	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	8-3	1130	Tue	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	8-3	1930	Tue	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	9-3	1130	Wed	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	10-3	1430	Thu	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	10-3	1630	Thu	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	11-3	2030	Fri	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	12-3	1130	Sat	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	13-3	1130	Sun	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	13-3	1230	Sun	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	14-3	1130	Mon	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	14-3	1530	Mon	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	16-3	1830	Wed	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	18-3	1530	Fri	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	18-3	2230	Fri	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	18-3	2330	Fri	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	19-3	1730	Sat	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	19-3	2330	Sat	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	21-3	1230	Mon	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	24-3	1330	Thu	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	24-3	1930	Thu	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	25-3	1530	Fri	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	26-3	1130	Sat	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	26-3	1230	Sat	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	29-3	1130	Tue	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	29-3	1430	Tue	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4720	31-3	1830	Thu	VVV WNF (x3) DE FXM (x2) QSA ? QSV K	CW	(JPL)
M89	4860	2-3	1120	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	3-3	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	4-3	0020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	4-3	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	6-3	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	6-3	1720	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	6-3	1820	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	7-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	7-3	1220	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	7-3	1520	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	7-3	2120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	8-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K // 6840	CW	(JPL)
M89	4860	9-3	1120	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	10-3	1420	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	10-3	1620	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	11-3	0020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	11-3	2020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	12-3	0020	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	12-3	1120	Sat	VVV (x3) Q2T (x3) DE NYZ (x2) (R5) QSA ? K //6840. Sent Q2T vs Q2M	CW	(JPL)
M89	4860	13-3	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	13-3	1220	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)

M89	4860	14-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	18-3	1520	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	18-3	2220	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	4860	18-3	2320	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	20-3	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	20-3	1820	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	21-3	1220	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	22-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	24-3	1320	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	25-3	1520	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	26-3	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	26-3	1220	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	29-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	29-3	1420	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	30-3	1820	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4860	31-3	1820	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	4990	22-3	1425	Tue	V YS5D (x3) DE IMNS (x2) TUE	CW	(JPL)
M89	4990	24-3	1029	Thu	V YS5D (x3) DE IMNS (x2)	CW	(JPL)
M89	4990	24-3	1406	Thu	V YS5D (x3) DE IMNS (x2)	CW	(JPL)
M89	4990	25-3	1151	Fri	V YS5D (x3) DE IMNS (x2)	CW	(JPL)
M89	4990	25-3	1350	Fri	V YS5D (x3) DE IMNS (x2)	CW	(JPL)
M89	4990	29-3	1037	Tue	YSHD DE TIMNS AUN4 3UAN T6U7 3N4A D7U5 III III III =	CW	(JPL)
M89	4990	30-3	1048	Wed	V YSHD (x3) DE IMNS (x2)	CW	(JPL)
M89	4990	30-3	1854	Wed	V YSHD (x3) DE IMNS (x2)	CW	(JPL)
M89	4990	30-3	2048	Wed	V YSHD (x3) DE IMNS (x2)	CW	(JPL)
M89	5070	29-3	1034	Tue	i.p. D3T6 N655 45UT N77A AAAD 345U ... III III 36D5 5TDA 4A75 ...	CW	(JPL)
M89	5123	22-3	1427	Tue	i.p. HR MSG GA NR 6968 CK 35 30 0322 2225 RMKS CQ = D3NU 6T34 6T4N 5D6U ...	CW	(JPL)
M89	5126	20-3	1125	Sun	i.p. A77N AU.6 A4N5 D77N 446T DTAT U3DN AR K. N AGN K. R	CW	(JPL)
M89	5177	19-3	1934	Sat	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	5177	20-3	1124	Sun	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5177	20-3	1754	Sun	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	5177	21-3	1102	Mon	V JKDJ (x3) DE SLBC (x2) //11460	CW	(JPL)
M89	5177	22-3	1425	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5177	22-3	1708	Tue	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	5177	23-3	1710	Wed	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	5177	24-3	1443	Thu	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	5177	25-3	1150	Fri	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5177	25-3	1352	Fri	V JKDJ (x3) DE SLBC (x2) //11460	CW	(JPL)
M89	5177	25-3	1716	Fri	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	5177	26-3	1915	Sat	V JKDJ DE SLBC	CW	(Lio)
M89	5177	29-3	1438	Tue	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	5177	29-3	1450	Tue	HR WK NR 0027 VVV HR MSG GA NR 061/CCKCK 199 10 0329 2255 RMK //4131	CW	(JPL)
M89	5177	30-3	1856	Wed	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	5177	31-3	1817	Thu	V JKDJ (x3) DE SLBC (x2) //4131	CW	(JPL)
M89	5191	21-3	1638	Mon	i.p. TTTT TTTT 6DA5 657A D54U UNAT 47NT ...	CW	(JPL)
M89	5270	19-3	2008	Sat	D9K DE 7N4 (see N&O 222)	CW	(JPL)
M89	5270	22-3	1717	Tue	i.p. 00032 40049 6667 = AS NW NW NW 81 09387 60441 80947 ...	CW	(JPL)
M89	5270	22-3	1842	Tue	i.p. VVV D9K DE 7N4 F 236136146 (see N&O 222)	CW	(JPL)
M89	5441	21-3	1644	Mon	i.p. 54UA 6.77 NT6U 36NU UD7A III III III 3P 3P = ..UT N7A7 ...	CW	(JPL)
M89	5555	7-3	1455	Mon	i.p. /GZ4. AR FF 0./EX 13.. /GZ4 U7 AR	CW	(JPL)
M89	5555	11-3	1228	Fri	i.p. RMKS PSE CY HW 55 MSG PSE CY HW III WW WW (see N&O 222)	CW	(JPL)
M89	5555	11-3	2338	Fri	i.p. U5NT NT6D 7D6U 4NN6	CW	(JPL)
M89	5588	4-3	1216	Fri	i.p. TAU6 TT4T NU56 3U7TT 44NAU ND3AN AR AR K	CW	(JPL)
M89	5801	4-3	1115	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	5801	4-3	1214	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	5801	7-3	1117	Mon	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M89	5801	13-3	1115	Sun	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M89	5801	20-3	0810	Sun	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M89	5801	21-3	1107	Mon	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M89	5801	22-3	1111	Tue	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)

M89	5801	24-3	1014	Thu	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M89	5801	25-3	1147	Fri	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M89	5801	26-3	0800	Sat	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M89	5801	29-3	1012	Tue	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M89	5801	30-3	1042	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	6411	6-3	1042	Sun	i.p. NNND N45N 5N65 6U4D 7ATA N56N AR K R R U GA K	CW	(JPL)
M89	6553	25-3	1310	Fri	i.p. /X1L AR K. GA K. R R QSL 2113 K	CW	(JPL)
M89	6632	20-3	0810	Sun	i.p. DP7791 DP7591 QSA 2 U ? NIL SK GB DP7391 QSA 2 U ?	CW	(JPL)
M89	6644	31-3	1126	Thu	i.p. 4TN7 6U3A N545 3N5T N6U5 4TN3 ... AR AR K. R R HR 7G GA K	CW	(JPL)
M89	6657	25-3	1145	Fri	i.p. 5T3N UAD6 ND55 5TD3 ANAA T77N	CW	(JPL)
M89	6666	22-3	1105	Tue	i.p. /.43 AR QSY 13 QSY 13	CW	(JPL)
M89	6677	30-3	1038	Wed	i.p. DU4 DU4 DU4	CW	(JPL)
M89	6710	6-3	1047	Sun	i.p. 77UA U474 5453 DNTA 5AN6 DD45 AR K SK	CW	(JPL)
M89	6768	10-3	1228	Thu	i.p. QSL 2028 QSA 2 AR VVV CGX9 (x3) QSL 2029 QSA 2 AR VVV CGX9 (x3) QSL 2030 QSA 2 AR	CW	(JPL)
M89	6781	10-3	1241	Thu	i.p. U5T7 N3T7 D7TN N.AU .AUD AUD7 ... OK OK	CW	(JPL)
M89	6840	2-3	1120	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	6840	3-3	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	4-3	0020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	4-3	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	6-3	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	6840	6-3	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	6-3	1720	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	6-3	1820	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	7-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	7-3	1220	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	7-3	1520	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	7-3	2120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	8-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K // 4860	CW	(JPL)
M89	6840	9-3	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	6840	9-3	1120	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	10-3	1420	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	10-3	1620	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	11-3	0020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	11-3	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640	CW	(JPL)
M89	6840	11-3	2020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	12-3	0020	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	12-3	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	13-3	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	13-3	1220	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	14-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	18-3	1520	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	18-3	2320	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	20-3	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	20-3	1820	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	21-3	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	6840	21-3	1220	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	22-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	24-3	1320	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	25-3	1520	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	26-3	0020	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	6840	26-3	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	26-3	1220	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	29-3	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	29-3	1420	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	30-3	1820	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6840	31-3	1820	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860	CW	(JPL)
M89	6987	9-3	0334	Wed	i.p. 76UD 7T6U 7U.. U46A A75D AR K K	CW	(JPL)
M89	7602	4-3	1943	Fri	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	6-3	1542	Sun	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	6-3	1823	Sun	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	6-3	1937	Sun	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	8-3	1450	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	9-3	1755	Wed	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	10-3	1411	Thu	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)

M89	7602	10-3	1625	Thu	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	11-3	2016	Fri	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	14-3	1513	Mon	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	18-3	1528	Fri	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	19-3	1737	Sat	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	19-3	1914	Sat	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	19-3	2214	Sat	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	20-3	1750	Sun	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	21-3	1339	Mon	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	21-3	1632	Mon	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	22-3	0100	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	22-3	1422	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	23-3	1738	Wed	V DKG6 (x3) DE 3A7D (x2) //36422	CW	(JPL)
M89	7602	24-3	1014	Thu	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	25-3	1354	Fri	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	29-3	1433	Tue	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	30-3	1853	Wed	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M89	7602	31-3	1813	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	7777	7-3	1237	Mon	i.p. GA FF NR 0055/EX 2100 RMKS 9367 TO 5023 = (see N&O 222)	CW	(JPL)
M89	7952	22-3	0110	Tue	i.p. F NR 169/EX 0909 RMKS 2213 TO 2204 = (see N&O 222)	CW	(JPL)
M89	8520	29-3	1023	Tue	i.p. 7D45 A6T3 U6A3 54N7 TT7U NTA4 III = 46T7 3AU7 TN54 DA36 67TD ...	CW	(JPL)
M89	8847	29-3	1017	Tue	i.p. 5U7T 3T4D 5A6N 7U4T 5D6U ...	CW	(JPL)
M89	8888	7-3	1118	Mon	i.p. /EX 0800 = ABC2/CBA4 AR F NR 01/EX 0800 = ABC2/	CW	(JPL)
M89	8888	7-3	1220	Mon	i.p. FF NR 04/EX ATT EEEEE73U73UNTA04DU46N	CW	(JPL)
M89	10123	30-3	1051	Wed	i.p. FM = 0 = 0 = 97797889 = = 0 = 0 = = K	CW	(JPL)
M89	10180	2-3	1115	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	10180	2-3	2333	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	10180	6-3	1019	Sun	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	10180	7-3	1117	Mon	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10180	9-3	0946	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	10180	11-3	1226	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M89	10180	13-3	1115	Sun	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10180	20-3	0810	Sun	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10180	21-3	1107	Mon	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10180	22-3	1111	Tue	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10180	24-3	1014	Thu	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10180	25-3	1147	Fri	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10180	26-3	0800	Sat	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10180	29-3	1012	Tue	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M89	10640	6-3	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	10640	9-3	1020	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	10640	11-3	0820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840	CW	(JPL)
M89	11460	20-3	0814	Sun	VJKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	11460	21-3	1102	Mon	VJKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	11460	25-3	1352	Fri	VJKDJ (x3) DE SLBC (x2) //5177	CW	(JPL)
M89	11460	26-3	0801	Sat	VJKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	11460	30-3	1005	Wed	VJKDJ (x3) DE SLBC (x2)	CW	(JPL)
M90	3603	13-3	1445	Sun	VVV LJZ DE X54 QSA 2 = T68Z K. OK QRU ? OK QRU ? QRU ? K M SK SK K	CW	(JPL-Sib)
M95	4243	2-3	1147	Wed	VV VV VV HR MSG OT YR PSE CY NR 017 CK 19 35 0302 1520 = 5TD UTT TTU 3U6 3A4 35U 4AA ... //9054 kHz	CW	(JPL-HK)
M95	4243	3-3	1147	Thu	VV A HR 7G TOYR PSE CY NR 019 CK 18 35 0303 1520 = 5TD UTT TT3 3U6 3A4 356 36T 4TN ... //9054 kHz	CW	(JPL-HK)
M95	4243	4-3	1145	Fri	VV HR 7G TOYR PSE CY NR 01 CK 30 35 0304 1513 = 5TD UTT TT4 3U6 ... AR //9054 kHz	CW	(JPL-HK)
M95	4243	6-3	1147	Sun	i.p. HR 7G TOYR PSE CY NR 025 CK 20 035 0306 1502 = 5TD UTT TT6 3U6 3A4 ... //9054 kHz	CW	(JPL-HK)
M95	4243	7-3	1149	Mon	VVV HR 7G TOYR PSE CY NR 027 CK 28 35 0307 1506 = 5TD UTT TT7 3U6 7TA ... //9054 kHz	CW	(JPL-HK)
M95	4243	8-3	1150	Tue	i.p. AR HR MSG GA NR 16 CK 115 35 0308 1613 = UTU TTD 3U6 3A4 TTU N44 TT3 773 357 4TA ... //9054 kHz	CW	(JPL-HK)
M95	4243	9-3	1146	Wed	i.p. 445 3DA TTU TT3 773 447 AR A HR 7G GA NR .8 CK 103 35 0309 1630 = UTU TTN 3U6 3A4 TTU N44 TT3 773 ... //9054 kHz	CW	(JPL-HK)

M95	4243	10-3	1146	Thu	VV HR 7G TOYR PSE CY NR 033 CK 29 35 0310 1456 = 5TD UTT TAT 3U6 3A4 35U 4A5 336 ... //9054 kHz	CW	(JPL-HK)
M95	4243	10-3	1200	Thu	i.p. UT5 TAT 3U6 3A4 TTU 773 35A AR //	CW	(AB-HK)
M95	4243	12-3	1146	Sat	VVV HR 7G PSE CY CK 23 35 0312 1512 5TN TTU TAU //9054 kHz	CW	(JPL-HK)
M95	4243	13-3	1146	Sun	VVV HR 7G TOYR PSE CY NR 039 CK 17 35 0314 1505 = 5T. UTT TU3 3UN 83U ... AR //9054 kHz	CW	(JPL-HK)
M95	4243	14-3	1147	Mon	V HR 7G TOYR PSE CY NR 041 19 35 0314 1518 = 5TD UTT TA4 3U6 3A4 35U ... AR //9054 kHz	CW	(JPL-HK)
M95	4243	19-3	1145	Sat	VV HR 7G TORY PSE CY NR 38 CK 135 35 0319 1.46 = UTU TAN ... //9054 kHz	CW	(JPL-HK)
M95	4243	20-3	1145	Sun	VVV VVVVV HR MSG TOYR TOYR PSE CY NR 05. CK 17 35 0302 .. 515 = 5TD UTT TUT 3U6 3A4 35U ... //9054 kHz	CW	(JPL-HK)
M95	4243	21-3	1146	Mon	VV HR MSG TOYR PSE CY NR 055 CK 24 35 0321 1510 = 5TD UTT TUA 3U6 3A4 35U N3D 354 ... //9054 kHz	CW	(JPL-HK)
M95	4243	22-3	1147	Tue	i.p. = 357 4TA AR NR 057 CK 32 35 0322 1.3. = UTT TUU 3U6 ... //9054 kHz	CW	(JPL-HK)
M95	4243	24-3	1146	Thu	i.p. HR MSG TOYR PSE CY VV NR 092 CK 13 35 0324 1522 = UT5 3A4 TTA TT. TT3 773 ... //9054 kHz	CW	(JPL-HK)
M95	4243	25-3	1155	Fri	i.p. WK AR AR AR //9054 kHz	CW	(JPL-HK)
M95	4243	26-3	1147	Sat	VVV HR MSG TOYR PSE CY NR 065 CK 19 35 0326 1514 = 5TD UTT TU6 3U6 3A4 35U 4A5 N3D 4AA U7U ... //9054 kHz	CW	(JPL-HK)
M95	4243	31-3	1145	Thu	V HR MSG TOYR GA PSE CY NR 62 CK 166 35 0331 01616 = T3A 3A4 TTU 773 357 //9054 kHz	CW	(JPL-HK)
M95	4283	9-3	0919	Wed	XSV70 i.p 47T D43 D.5 N5A D73 A HR MSG GA NR 206 CK 114 35 0309 1520 ... //7553 kHz	CW	(JPL-HK)
M95	4284	21-3	1310	Mon	DE XS.. ...YR PSE NO CY NR 242 CK 96 35 0321 15.6 = UT3 TUA 3U6 3A4 ...	CW	(JPL-HK)
M95	4284	25-3	1325	Fri	i.p. MSG AGN NR 255 CK 184 35 0325 1605 66A UT3. TU5 3U6 TT4 773 ... ZAN VA //7554 kHz	CW	(JPL-HK)
M95	4284	26-3	1312	Sat	V BNEC (x3) DE XSV70 (x2) HR MSG TOYR PSE NOTE CY NR 2.7 CK 104 35 0326 1545 = UT3 TU6 3U6 3A4 TT4 773 ...	CW	(JPL-HK)
M95	4444	13-3	1153	Sun	i.p. 7G GA K. R R 7G NR 11/CCK K. LG7CH = 3467 34567NR = T = 354T = 3456 (see N&O 222)	CW	(JPL-HK)
M95	5555	7-3	1537	Mon	i.p. VVV WXYZ DE ABCD K K (see N&O 222)	CW	(JPL)
M95	6666	9-3	0057	Wed	V BNGC (x3) DE XSV85 (x2) VVV 05 05 05 NR 0002 CK 99 24 0307 2325 RMKS 1234 TO 5678 = 5U67 357A 4A46 4A6N ...	CW	(JPL-HK)
M95	7553	9-3	0919	Wed	XSV70 i.p 47T D43 D.5 N5A D73 A HR MSG GA NR 206 CK 114 35 0309 1520 ... //4283 kHz	CW	(JPL-HK)
M95	7554	25-3	1325	Fri	i.p. MSG AGN NR 255 CK 184 35 0325 1605 66A UT3. TU5 3U6 TT4 773 ... ZAN VA //4284 kHz	CW	(JPL-HK)
M95	7777	9-3	0948	Wed	i.p. K K RPT RPT 7G 7G NR 268 CK 50 35 0309 1745 K SGA GA = A7T3 37A4 66A5 T7DN5 (see N&O 222)	CW	(JPL-HK)
M95	7788	12-3	1100	Sat	i.p. 7G GA NR 01/CCK CK 91 57 0312 1900 RMKS BAHX TO MIIM = BT A43T 5343 7A3D 5A73 7U47 ...	CW	(JPL-HK)
M95	8073	2-3	1135	Wed	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0199 CK 25 35 0302 1542 = TT3 N5U TT3 N53 ...	CW	(JPL-HK)
M95	8073	3-3	0009	Thu	V BNGC (x3) DE XSV85	CW	(JPL-HK)
M95	8073	4-3	0007	Fri	i.p. = TT4 3U4 3A4 TAU 773 353 ... AR AR AR AR AR	CW	(JPL-HK)
M95	8073	4-3	1134	Fri	05 VVV V BNGC (x3) DE XSV85 (x2) HR MSG GA HR MSG GA NR NR 0204 CK 120 35 0404 1522 = TT4 4U6 3AN 3U7 TAU 773 TA7 773 ...	CW	(JPL-HK)
M95	8073	6-3	1135	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA NR 0208 CK 189 35 0306 0550 = TT6 3U6 3AN 3U7 TAU ...	CW	(JPL-HK)
M95	8073	7-3	0009	Mon	i.p. 353 363 4T7 NN3 434 3DT TTA N34 TTA ND4 AR	CW	(JPL-HK)
M95	8073	7-3	1139	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR NR 0210 CK 274 35 0307 1631 = TT7 3U6 3AN 3U7 TAU 773 ...	CW	(JPL-HK)
M95	8073	8-3	1142	Tue	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0213 CK 42 35 0308 1454 = TT3 N5U TTD N53 TAD N54 7TT TTU 746 7T5 ...	CW	(JPL-HK)
M95	8073	9-3	1140	Wed	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0217 CK 328 35 0309 1615 = TTN 3U6 3AN 3U8 3U7 TAU ...	CW	(JPL-HK)

M95	8073	10-3	0006	Thu	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0219 CK 124 35 0310 0714 = TAT 3U4 3A4 TAU 773 ...	CW	(JPL-HK)
M95	8073	10-3	1144	Thu	XSV85 i.p. 4TU NN3 447 46D 3D5 ... N47 3AN 7A5 AR AR AR AR	CW	(JPL-HK)
M95	8073	10-3	1200	Thu	i.p. TT3 N5U TAT N53 TT6 AR AR	CW	(AB-HK)
M95	8073	11-3	0001	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA NR 0223 CK 162 35 0311 0710 = TAA ...	CW	(JPL-HK)
M95	8073	12-3	0006	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0227 CK 145 35 0312 0722 = TAU 3U4 3A4 TAU 773 TA7 773 ... AR AR AR	CW	(JPL-HK)
M95	8073	13-3	1139	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0231 CK 209 35 0313 1650 = TA4 3U6 3AN 3U7 TAU ...	CW	(JPL-HK)
M95	8073	14-3	1137	Mon	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0233 CK 214 35 0314 1555 = TA4 3U6 3AN 3U7 TAU 773 TU5 ...	CW	(JPL-HK)
M95	8073	19-3	0004	Sat	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0242 CK 142 35 0319 0700 = TAN 3.4 3A4 TAU 773 357 ...	CW	(JPL-HK)
M95	8073	19-3	1138	Sat	V BNGC (x3) DE XSV85 (x2) HR 7G GA NR 0243 CK 301 35 0319 1621 = TAN 3U6 3AN 3U7 TAU 773 ...	CW	(JPL-HK)
M95	8073	20-3	0007	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0244 CK 125 35 0320 0711 = TUT 3U4 3A4 TAU 773 357 373 ...	CW	(JPL-HK)
M95	8073	20-3	1137	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0245 CK 288 35 0320 1523 = TUT 3U6 3AN 3U7 TAU 773 ...	CW	(JPL-HK)
M95	8073	21-3	1208	Mon	i.p. III = 44D 4.. 3D5 4DT 4D7 TA7 773 ... III = 4T3 NN3 447 46N 3D4 4DT 4D6 476 AR AR	CW	(JPL-HK)
M95	8073	22-3	0030	Tue	XSV85 i.p. TUA 773 TUU 773 356 AR	CW	(JPL-HK)
M95	8073	22-3	1138	Tue	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0250 CK 49 35 0322 1604 = TT3 N5U TUU N53 TAD N54 7TT ...	CW	(JPL-HK)
M95	8073	24-3	1136	Thu	V BNGC (x3) DE XSV85 (x2) HR MSGS GA NR 0259 CK 36 35 0324 1525 = TT3 N4U TU4 N53 TAD N54 7TT ...	CW	(JPL-HK)
M95	8073	25-3	1140	Fri	PSE CY NR 0253 CK ..35 0325 15.. =	CW	(JPL-HK)
M95	8073	26-3	0010	Sat	V BNGC (x3) DE XSV74 (x2) ... PSE CY NR 0265 CK 110 35 0326 0709 = TU6 3U4 3A4 TAU 773 TA7 773 356 ...	CW	(JPL-HK)
M95	8073	26-3	1140	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY MSG NR 0267 CK 263 35 0326 1605 = TU6 3U6 3AN 3U7 TAU 773 ...	CW	(JPL-HK)
M95	8073	31-3	0017	Thu	773 TUU 773 TU6 773 TU7 773 356 ... AR	CW	(JPL-HK)
M95	8073	31-3	1132	Thu	V BNGC (x3) DE XSV85 (x2) HR 7G GA NR 0283 CK 95 35 0331 1525 = T3A 3U6 3AN 3U7 TAU 773 ...	CW	(JPL-HK)
M95	8507	19-3	2218	Sat	01/CRO 05 05 05 05 05 = 05 05 05 =	CW	(JPL-HK)
M95	8888	6-3	1124	Sun	i.p. D65 DU VVV V 3N4U.. U4ADNN 3NE6 6N 05 05 05 ND4 TT5 4DT 4D6 TUN ...	CW	(JPL-HK)
M95	8888	24-3	1339	Thu	i.p. = 5NU6N5UTTA3U 37DT 46T7 ... NR 0260 CK 170 35 0324 1533 =	CW	(JPL-HK)
M95	8889	7-3	1210	Mon	i.p. = TA74 UD5U UD56 = TA74 UD5U UD56 35NU 47NT AR NIL SK GB 05 05 05 ...	CW	(JPL-HK)
M95	8889	8-3	1155	Tue	i.p. 05 7G GA	CW	(JPL-HK)
M95	9054	2-3	1147	Wed	VV VV VV HR MSG OT YR PSE CY NR 017 CK 19 35 0302 1520 = 5TD UTT TTU 3U6 3A4 35U 4AA ... //4243 kHz	CW	(JPL-HK)
M95	9054	2-3	2347	Wed	VV HR 7G TOYR PSE CY NR 027 CK 14 35 0303 0559 = UT5 TT3 3U4 3A4 TTA TTU TT3 773 346 36U ...	CW	(JPL-HK)
M95	9054	3-3	1147	Thu	VV A HR 7G TOYR PSE CY NR 019 CK 18 35 0303 1520 = 5TD UTT TT3 3U6 3A4 356 36T 4TN ... //4243 kHz	CW	(JPL-HK)
M95	9054	3-3	2354	Thu	i.p. A HR MSG GA NR 07 CK 065 35 0304 0735 = UTU TT4 3U4 3A4 TTU N44 TT3 N44 TT5 773 ...	CW	(JPL-HK)
M95	9054	4-3	0001	Fri	7G AGN NR 07 CK 065 35 0304 0725 = UTU TT4 3U5 ... AR A HR U SB WK	CW	(JPL-HK)
M95	9054	4-3	1145	Fri	VV HR 7G TOYR PSE CY NR 01 CK 30 35 0304 1513 = 5TD UTT TT4 3U6 ... AR //4243 kHz	CW	(JPL-HK)
M95	9054	6-3	1147	Sun	i.p. HR 7G TOYR PSE CY NR 025 CK 20 035 0306 1502 = 5TD UTT TT6 3U6 3A4 ... //4243 kHz	CW	(JPL-HK)
M95	9054	6-3	2354	Sun	VV VV HR MSG TOYR PSE CY NR 025 CK 35 35 0307 0625 = 5TD UTT TT7 3U4 7TA N44 ...	CW	(JPL-HK)
M95	9054	7-3	0001	Mon	AR A HR MSG GA NR 039 CK 31 35 0307 0644 = UT5 TT7 3U4 3A4 TTA TTU ...	CW	(JPL-HK)
M95	9054	7-3	1149	Mon	VVV HR 7G TOYR PSE CY NR 027 CK 28 35 0307 1506 = 5TD UTT TT7 3U6 7TA ... //4243 kHz	CW	(JPL-HK)

M95	9054	8-3	1150	Tue	i.p. AR HR MSG GA NR 16 CK 115 35 0308 1613 = UTU TTD 3U6 3A4 TTU N44 TT3 773 357 4TA ... //4243 Khz	CW	(JPL-HK)
M95	9054	9-3	1146	Wed	i.p. 445 3DA TTU TT3 773 447 AR A HR 7G GA NR .8 CK 103 35 0309 1630 = UTU TTN 3U6 3A4 TTU N44 TT3 773 ... //4243 khz	CW	(JPL-HK)
M95	9054	9-3	2356	Wed	i.p. 773 353 N3D 35U 4TA VVV ? NR 19 CK 041 35 0310 0714 = UTU TAT 3U4 3A4 TTU N44 TT3 N44 TT5 773 T44 ... AR	CW	(JPL-HK)
M95	9054	10-3	1146	Thu	VV HR 7G TOYR PSE CY NR 033 CK 29 35 0310 1456 = 5TD UTT TAT 3U6 3A4 35U 4A5 336 ... //4243 khz	CW	(JPL-HK)
M95	9054	10-3	1200	Thu	i.p. UT5 TAT 3U6 3A4 TTU 773 35A AR //4243 khz	CW	(AB-HK)
M95	9054	10-3	2157	Thu	TT3 N44 TT5 773 45A U4T 353 4TA AR A HR UP SB WK K	CW	(JPL-HK)
M95	9054	11-3	2344	Fri	VV HR 7G PSE CY NR .04 CK 17 35 0312 0.210 = AT5 AAU 3U4 ...	CW	(JPL-HK)
M95	9054	12-3	1146	Sat	VVV HR 7G PSE CY CK 23 35 0312 1512 5TN TTU TAU //4243 khz	CW	(JPL-HK)
M95	9054	13-3	1146	Sun	VVV HR 7G TOYR PSE CY NR 039 CK 17 35 0314 1505 = 5T. UTT TU3 3UN 83U ... AR //9054 khz	CW	(JPL-HK)
M95	9054	14-3	1147	Mon	V HR 7G TOYR PSE CY NR 041 19 35 0314 1518 = 5TD UTT TA4 3U6 3A4 35U ... AR //4243 khz	CW	(JPL-HK)
M95	9054	18-3	2344	Fri	VV HR MSG TOYR PSE CY NR 050 CK 20 35 0319 0615 = 5TD UTT TAN ...	CW	(JPL-HK)
M95	9054	19-3	1145	Sat	VV HR 7G TORY PSE CY NR 38 CK 135 35 0319 1.46 = UTU TAN ... //4243 khz	CW	(JPL-HK)
M95	9054	19-3	2345	Sat	VV NR 07D 29 35 0320 0621 = UT5 TUT 3U4 3A4 TTA TTU ...	CW	(JPL-HK)
M95	9054	20-3	1145	Sun	VVV VVVVV HR MSG TOYR TOYR PSE CY NR 05. CK 17 35 0302 .. 515 = 5TD UTT TUT 3U6 3A4 35U ... //9054 khz	CW	(JPL-HK)
M95	9054	21-3	1146	Mon	VV HR MSG TOYR PSE CY NR 055 CK 24 35 0321 1510 = 5TD UTT TUA 3U6 3A4 35U N3D 354 ... //4243 khz	CW	(JPL-HK)
M95	9054	22-3	1147	Tue	i.p. = 357 4TA AR NR 057 CK 32 35 0322 1.3. = UTT TUU 3U6 ... //4243 khz	CW	(JPL-HK)
M95	9054	24-3	1146	Thu	i.p. HR MSG TOYR PSE CY VV NR 092 CK 13 35 0324 1522 = UT5 3A4 TTA TT. TT3 773 ... //4243 khz	CW	(JPL-HK)
M95	9054	25-3	1155	Fri	i.p. WK AR AR AR //4243 khz	CW	(JPL-HK)
M95	9054	25-3	2346	Fri	HR ... PSE CY NR 096 CK 13 35 0326 061. = UT5 ...	CW	(JPL-Sib)
M95	9054	26-3	1147	Sat	VVV HR MSG TOYR PSE CY NR 065 CK 19 35 0326 1514 = 5TD UTT TU6 3U6 3A4 35U 4A5 N3D 4AA U7U ... //4243 kHz	CW	(JPL-HK)
M95	9054	29-3	1148	Tue	V HR MSG TOYR GA PSE CY ...	CW	(JPL-HK)
M95	9054	30-3	2351	Wed	i.p. UT5 T3A 3U4 3A4 3A4 TTA TTU TT3 773 356 ...	CW	(JPL-HK)
M95	9054	31-3	0001	Thu	i.p. AR 7G AGN NR 61 CK 78 35 0331 0... = NR 6A CK 078 35 0331 0729 = UT3A U6...	CW	(JPL-HK)
M95	9054	31-3	1145	Thu	V HR MSG TOYR GA PSE CY NR 62 CK 166 35 0331 01616 = T3A 3A4 TTU 773 357 //4243 khz	CW	(JPL-HK)
M95	9054	31-3	2347	Thu	V HR MSG TOYR PSE CY NR 076 28 35 0401 064. = TU5 TDU TT...	CW	(JPL-HK)
M95	9073	12-3	1137	Sat	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0229 CK 300 35 0312 1612 = TAU 3U6 3AN 3U7 TAU 773 ...	CW	(JPL-HK)
M97	10375	8-3	1454	Tue	SD84 SN58 SD84 SN58 SD84 SN58	CW	(BR-HK)
M97	10375	10-3	1454	Thu	SO DIEN: 84 DK: HT HT HT SO NHOM: 58 AAA 99324 20677 08739 ... 64933 37670 27264 KKK	CW	(AB)
M97	10375	17-3	1454	Thu	SO DIEN: 84 DK: HT SO NHOM: 58 AAAAA 99324 20677 08739 ... 64933 37670 27264 KKKKK Repeats message	CW	(AB)
M97	10375	18-3	1500	Fri	SO DIEN: 84 DK: HT HT HT SO NHOM: 58 AAA 99324 20677 08739 ... 64933 37670 27264 KKK	CW	(qsr711)
M97	10375	18-3	1509	Fri	SO DIEN: 84 DK: HT HT HT SO NHOM: 58 AAA 99324 20677 08739 ... 64933 37670 27264 KKK	CW	(AB)
M97	10375	24-3	1454	Thu	SO DIEN: 84 DK: HT HT HT SO NHOM: 58 AAA 99324 20677 08739 ... 64933 37670 27264 KKK	CW	(AB)
M97	10375	25-3	1454	Fri	SO DIEN: 84 DK: HT HT HT SO NHOM: 58 AAA 99324 20677 08739 ... 64933 37670 27264 KKK	CW	(AB/qsr711)
MC03	3885	14-3	1205	Mon	FFF 3007276758641009002005R Chinese Air Defence Tracking	CW	(JPL-Sib)
MC03	4011	25-3	2055	Fri	NDA UA65T3 6746UU6 TD5 55 NDA UA5N4T 6D46U4N TNT 56	CW	(JPL-Sib)
MX	4150	19-3	2113	Sat	Beacon V	CW	(AB)

MX	4150	25-3	1939	Fri	Beacon V		CW	(AB)
MX	4150	26-3	1903	Sat	Beacon V		CW	(AB)
MX	5153.	18-3	2056	Fri	Beacon D, Sevastopol		CW	(MPJ)
	7							
MX	5154	18-3	2057	Fri	Beacon C, Moscow		CW	(MPJ)
MX	6464	10-3	1239	Thu	Beacon V		CW	(JPL-Sib)
MX	7508.	3-3	2109	Thu	Beacon D, Sevastopol		CW	(AB)
	7							
MX	7508.	3-3	2109	Thu	Beacon S, Sevromorsk		CW	(AB)
	9							
MX	7509.	3-3	2109	Thu	Beacon F, Vladivostok		CW	(AB)
	2							
MX	7509.	3-3	2109	Thu	Beacon M, Magadan		CW	(AB)
	4							
MX	7835	25-3	1939	Fri	Beacon V		CW	(AB)
MX	7835	26-3	1903	Sat	Beacon V		CW	(AB)
MX	8497.	19-3	2114	Sat	Beacon L, St Petersburg		CW	(AB)
	7							
MX	8497.	25-3	1941	Fri	Beacon L		CW	(AB)
	8							
MX	8497.	26-3	1905	Sat	Beacon L		CW	(AB)
	8							
POL	6906	7-3	0800	Mon	0434 00000		FSK 100/625	(AB)
POL	6906	7-3	0805	Mon	0434 00000		FSK 100/625	(AB)
POL	6906	14-3	0800	Mon	0434 00000		FSK 100/625	(AB)
POL	6906	14-3	0805	Mon	0434 00000		FSK 100/625	(AB)
POL	6906	21-3	0800	Mon	0434 88888 88888 65208 09592 75373 ... 56623 36350 59369 88888 88888 00041 00041		FSK 100/625	(AB)
POL	6906	21-3	0805	Mon	0434 88888 88888 65208 09592 75373 ... 56623 36350 59369 88888 88888 00041 00041		FSK 100/625	(AB)
POL	6906	24-3	0800	Thu	0434 88888 88888 65208 09592 75373 ... 56623 36350 59369 88888 88888 00041 00041		FSK 100/625	(AB)
POL	6906	24-3	0805	Thu	0434 88888 88888 65208 09592 75373 ... 56623 36350 59369 88888 88888 00041 00041		FSK 100/625	(AB)
POL	6906	28-3	0800	Mon	0434 00000		FSK 100/625	(AB)
POL	6906	28-3	0805	Mon	0434 00000		FSK 100/625	(AB)
POL	6906	31-3	0800	Thu	0434 00000		FSK 100/625	(AB)
POL	6906	31-3	0805	Thu	0434 00000		FSK 100/625	(AB)
POL	7371	1-3	0900	Tue	0554 00000		FSK 100/625	(AB)
POL	7371	1-3	0905	Tue	0554 00000		FSK 100/625	(AB)
POL	7371	4-3	0900	Fri	0554 00000		FSK 100/625	(AB)
POL	7371	4-3	0910	Fri	0554 00000		FSK 100/625	(AB)
POL	7371	8-3	0900	Tue	0554 88888 88888 52204 81822 94161 ... 65650 98316 68917 88888 88888 00042 00042		FSK 100/625	(AB)
POL	7371	8-3	0905	Tue	0554 88888 88888 52204 81822 94161 ... 65650 98316 68917 88888 88888 00042 00042		FSK 100/625	(AB)
POL	7371	11-3	0900	Fri	0554 88888 88888 52204 81822 94161 ... 65650 98316 68917 88888 88888 00042 00042		FSK 100/625	(AB)
POL	7371	11-3	0905	Fri	0554 88888 88888 52204 81822 94161 ... 65650 98316 68917 88888 88888 00042 00042		FSK 100/625	(AB)
POL	7371	18-3	0900	Fri	0554 00000		FSK 100/625	(AB)
POL	7371	18-3	0905	Fri	0554 00000		FSK 100/625	(AB)
POL	7371	22-3	0900	Tue	0554 00000		FSK 100/625	(AB)
POL	7371	22-3	0905	Tue	0554 00000		FSK 100/625	(AB)
POL	7371	25-3	0900	Fri	0554 00000		FSK 100/625	(AB)
POL	7371	25-3	0905	Fri	0554 00000		FSK 100/625	(AB)
POL	9079	8-3	1150	Tue	0325 00000		FSK 100/625	(AB)
POL	9079	8-3	1155	Tue	0325 00000		FSK 100/625	(AB)
POL	9079	9-3	1150	Wed	0325 00000		FSK 100/625	(AB)
POL	9079	9-3	1155	Wed	0325 00000		FSK 100/625	(AB)
POL	9079	15-3	1150	Tue	0325 00000		FSK 100/625	(AB)
POL	9079	15-3	1155	Tue	0325 00000		FSK 100/625	(AB)
POL	9079	16-3	1150	Wed	0325 00000		FSK 100/625	(AB)
POL	9079	16-3	1155	Wed	0325 00000		FSK 100/625	(AB)
POL	9079	22-3	1150	Tue	0325 00000		FSK 100/625	(AB)
POL	9079	22-3	1155	Tue	0325 00000		FSK 100/625	(AB)
POL	9079	23-3	1150	Wed	0325 00000		FSK 100/625	(AB)

POL	9079	23-3	1155	Wed	0325 00000		FSK 100/625	(AB)
POL	9079	29-3	1150	Tue	0325 88888 88888 30202 48189 33095 ... 89756 61565 79597 97907 88888 88888 00039 00039		FSK 100/625	(AB)
POL	9079	29-3	1155	Tue	0325 88888 88888 30202 48189 33095 ... 89756 61565 79597 97907 88888 88888 00039 00039		FSK 100/625	(AB)
POL	9079	30-3	1150	Wed	0325 88888 88888 30202 48189 33095 ... 89756 61565 79597 97907 88888 88888 00039 00039		FSK 100/625	(AB)
POL	9079	30-3	1155	Wed	0325 88888 88888 30202 48189 33095 ... 89756 61565 79597 97907 88888 88888 00039 00039		FSK 100/625	(AB)
POL	9339	2-3	0845	Wed	0353 00000		FSK 100/625	(AB)
POL	9339	2-3	0850	Wed	0353 00000		FSK 100/625	(AB)
POL	9339	7-3	0845	Mon	0353 88888 88888 26200 64386 36135 ... 29860 10711 01849 88888 88888 00038 00038		FSK 100/625	(AB)
POL	9339	7-3	0850	Mon	0353 88888 88888 26200 64386 36135 ... 29860 10711 01849 88888 88888 00038 00038		FSK 100/625	(AB)
POL	9339	9-3	0845	Wed	0353 88888 88888 26200 64386 36135 ... 29860 10711 01849 88888 88888 00038 00038		FSK 100/625	(AB)
POL	9339	9-3	0850	Wed	0353 88888 88888 26200 64386 36135 ... 29860 10711 01849 88888 88888 00038 00038		FSK 100/625	(AB)
POL	9339	14-3	0845	Mon	0353 00000		FSK 100/625	(AB)
POL	9339	14-3	0850	Mon	0353 00000		FSK 100/625	(AB)
POL	9339	16-3	0845	Wed	0353 00000		FSK 100/625	(AB)
POL	9339	16-3	0850	Wed	0353 00000		FSK 100/625	(AB)
POL	9339	21-3	0845	Mon	0353 00000		FSK 100/625	(AB)
POL	9339	21-3	0850	Mon	0353 00000		FSK 100/625	(AB)
POL	9339	23-3	0845	Wed	0353 00000		FSK 100/625	(AB)
POL	9339	23-3	0850	Wed	0353 00000		FSK 100/625	(AB)
POL	9339	28-3	0845	Mon	0353 00000		FSK 100/625	(AB)
POL	9339	28-3	0850	Mon	0353 00000		FSK 100/625	(AB)
POL	9339	30-3	0845	Wed	0353 00000		FSK 100/625	(AB)
POL	9339	30-3	0850	Wed	0353 00000		FSK 100/625	(AB)
POL	10246	1-3	0655	Tue	0684 00000		FSK 100/625	(AB)
POL	10246	1-3	0700	Tue	0684 00000		FSK 100/625	(AB)
POL	10246	4-3	0655	Fri	0684 00000		FSK 100/625	(AB)
POL	10246	4-3	0700	Fri	0684 00000		FSK 100/625	(AB)
POL	10246	8-3	0655	Tue	0684 88888 88888 38158 14142 43148 ... 40274 98580 69694 88888 88888 00041 00041		FSK 100/625	(AB)
POL	10246	8-3	0700	Tue	0684 88888 88888 38158 14142 43148 ... 40274 98580 69694 88888 88888 00041 00041		FSK 100/625	(AB)
POL	10246	11-3	0655	Fri	0684 88888 88888 38158 14142 43148 ... 40274 98580 69694 88888 88888 00041 00041		FSK 100/625	(AB)
POL	10246	11-3	0700	Fri	0684 88888 88888 38158 14142 43148 ... 40274 98580 69694 88888 88888 00041 00041		FSK 100/625	(AB)
POL	10246	18-3	0655	Fri	0684 00000		FSK 100/625	(AB)
POL	10246	18-3	0700	Fri	0684 00000		FSK 100/625	(AB)
POL	10246	22-3	0655	Tue	0684 00000		FSK 100/625	(AB)
POL	10246	22-3	0700	Tue	0684 00000		FSK 100/625	(AB)
POL	10246	25-3	0655	Fri	0684 00000		FSK 100/625	(AB)
POL	10246	25-3	0700	Fri	0684 00000		FSK 100/625	(AB)
POL	10728	1-3	0630	Tue	0574 00000		FSK 100/625	(AB)
POL	10728	1-3	0635	Tue	0574 00000		FSK 100/625	(AB)
POL	10728	3-3	0630	Thu	0574 00000		FSK 100/625	(AB)
POL	10728	3-3	0635	Thu	0574 00000		FSK 100/625	(AB)
POL	10728	8-3	0630	Tue	0574 00000		FSK 100/625	(AB)
POL	10728	8-3	0635	Tue	0574 00000		FSK 100/625	(AB)
POL	10728	15-3	0630	Tue	0574 00000		FSK 100/625	(AB)
POL	10728	15-3	0635	Tue	0574 00000		FSK 100/625	(AB)
POL	10728	17-3	0630	Thu	0574 00000		FSK 100/625	(AB)
POL	10728	17-3	0635	Thu	0574 00000		FSK 100/625	(AB)
POL	10728	22-3	0630	Tue	0574 88888 88888 67011 07518 67919 ... 10960 93156 34768 88888 88888 00037 00037		FSK 100/625	(AB)
POL	10728	22-3	0635	Tue	0574 88888 88888 67011 07518 67919 ... 10960 93156 34768 88888 88888 00037 00037		FSK 100/625	(AB)
POL	10728	24-3	0630	Thu	0574 88888 88888 67011 07518 67919 ... 10960 93156 34768 88888 88888 00037 00037		FSK 100/625	(AB)
POL	10728	24-3	0635	Thu	0574 88888 88888 67011 07518 67919 ... 10960 93156 34768 88888 88888 00037 00037		FSK 100/625	(AB)

POL	10728	31-3	0630	Thu	0574 00000		FSK 100/625	(AB)
POL	10728	31-3	0635	Thu	0574 88888 88888 67011 07518 67919 ... 10960 93156 34768 88888 88888 00037 00037 (error, should be a null msg)		FSK 100/625	(AB)
POL	11092	4-3	0815	Fri	0446 00000		FSK 100/625	(AB)
POL	11092	4-3	0820	Fri	0446 00000		FSK 100/625	(AB)
POL	11092	7-3	0815	Mon	0446 00000		FSK 100/625	(AB)
POL	11092	7-3	0820	Mon	0446 00000		FSK 100/625	(AB)
POL	11092	11-3	0815	Fri	0446 00000		FSK 100/625	(AB)
POL	11092	11-3	0820	Fri	0446 00000		FSK 100/625	(AB)
POL	11092	14-3	0815	Mon	0446 88888 88888 32376 65818 76675 ... 36449 84840 70161 88888 88888 00041 00041		FSK 100/625	(AB)
POL	11092	14-3	0820	Mon	0446 88888 88888 32376 65818 76675 ... 36449 84840 70161 88888 88888 00041 00041		FSK 100/625	(AB)
POL	11092	18-3	0815	Fri	0446 88888 88888 32376 65818 76675 ... 36449 84840 70161 88888 88888 00041 00041		FSK 100/625	(AB)
POL	11092	18-3	0820	Fri	0446 88888 88888 32376 65818 76675 ... 36449 84840 70161 88888 88888 00041 00041		FSK 100/625	(AB)
POL	11092	21-3	0815	Mon	0446 00000		FSK 100/625	(AB)
POL	11092	21-3	0820	Mon	0446 00000		FSK 100/625	(AB)
POL	11092	25-3	0815	Fri	0446 00000		FSK 100/625	(AB)
POL	11092	25-3	0820	Fri	0446 00000		FSK 100/625	(AB)
POL	14753	1-3	0730	Tue	0433 00000		FSK 100/625	(AB)
POL	14753	1-3	0735	Tue	0433 00000		FSK 100/625	(AB)
POL	14753	8-3	0730	Tue	0433 00000		FSK 100/625	(AB)
POL	14753	8-3	0735	Tue	0433 00000		FSK 100/625	(AB)
POL	14753	15-3	0730	Tue	0433 00000		FSK 100/625	(AB)
POL	14753	15-3	0735	Tue	0433 00000		FSK 100/625	(AB)
POL	14753	17-3	0730	Thu	0433 00000		FSK 100/625	(AB)
POL	14753	17-3	0735	Thu	0433 00000		FSK 100/625	(AB)
POL	14753	22-3	0735	Tue	0433 00000		FSK 100/625	(AB)
POL	14753	22-3	0740	Tue	0433 00000		FSK 100/625	(AB)
POL	14753	31-3	0730	Thu	0433 40FGs msg		FSK 100/625	(AB)
POL	14753	31-3	0735	Thu	0433 40FGs msg		FSK 100/625	(AB)
POL	14972	1-3	1245	Tue	0132 00000		FSK 100/625	(AB)
POL	14972	1-3	1250	Tue	0132 00000		FSK 100/625	(AB)
POL	14972	8-3	1245	Tue	0132 88888 88888 50755 47067 92306 ... 72857 26663 09883 86869 88888 88888 00037 00037		FSK 100/625	(AB)
POL	14972	8-3	1250	Tue	0132 88888 88888 50755 47067 92306 ... 72857 26663 09883 86869 88888 88888 00037 00037		FSK 100/625	(AB)
POL	14972	9-3	1245	Wed	0132 88888 88888 50755 47067 92306 ... 72857 26663 09883 86869 88888 88888 00037 00037		FSK 100/625	(AB)
POL	14972	9-3	1250	Wed	0132 88888 88888 50755 47067 92306 ... 72857 26663 09883 86869 88888 88888 00037 00037		FSK 100/625	(AB)
POL	14972	15-3	1245	Tue	0132 00000		FSK 100/625	(AB)
POL	14972	15-3	1250	Tue	0132 00000		FSK 100/625	(AB)
POL	14972	22-3	1245	Tue	0132 00000		FSK 100/625	(AB)
POL	14972	22-3	1250	Tue	0132 00000		FSK 100/625	(AB)
POL	14972	23-3	1245	Wed	0132 00000		FSK 100/625	(AB)
POL	14972	23-3	1250	Wed	0132 00000		FSK 100/625	(AB)
POL	14972	29-3	1245	Tue	0132 00000		FSK 100/625	(AB)
POL	14972	29-3	1250	Tue	0132 00000		FSK 100/625	(AB)
POL	14972	30-3	1245	Wed	0132 00000		FSK 100/625	(AB)
POL	14972	30-3	1250	Wed	0132 00000		FSK 100/625	(AB)
POL	15632	21-3	1525	Mon	0221 88888 88888 61588 84312 09578 ... 12282 62958 09767 88888 88888 00037 00037		FSK 100/625	(AB)
POL	15632	21-3	1530	Mon	0221 88888 88888 61588 84312 09578 ... 12282 62958 09767 88888 88888 00037 00037		FSK 100/625	(AB)
POL	15632	28-3	1525	Mon	0221 00000		FSK 100/625	(AB)
POL	15632	28-3	1530	Mon	0221 00000		FSK 100/625	(AB)
Q26	4243	2-3	1142	Wed	Messages //9054 kHz		4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	3-3	1141	Thu	Messages //9054 kHz		4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	4-3	1140	Fri	Messages //9054 kHz		4+4 QPSK 75/3000 LSB	(JPL-HK)

Q26	4243	6-3	1140	Sun	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	7-3	1143	Mon	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	9-3	1141	Wed	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	10-3	1144	Thu	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	12-3	1140	Sat	Messages i.p. //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	13-3	1142	Sun	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	14-3	1143	Mon	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	19-3	1142	Sat	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	20-3	1139	Sun	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	21-3	1142	Mon	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	26-3	1144	Sat	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4243	31-3	1142	Thu	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4284	21-3	1300	Mon	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	4284	26-3	1302	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	2-3	1130	Wed	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	2-3	1212	Wed	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	3-3	1151	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	4-3	1130	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	6-3	1130	Sun	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	7-3	1132	Mon	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	8-3	1131	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	9-3	1130	Wed	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	11-3	0001	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	12-3	0002	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	12-3	1130	Sat	Messages i.p.	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	13-3	1130	Sun	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	14-3	1130	Mon	Messages	4+4 QPSK 75/3000 USB	(JPL-HK)
Q26	8073	19-3	0001	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	19-3	1131	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	20-3	0002	Sun	Messages	4+4 QPSK 75/3000 USB	(JPL-HK)
Q26	8073	20-3	1130	Sun	Messages	4+4 QPSK 75/3000 USB	(JPL-HK)
Q26	8073	21-3	1131	Mon	In USB in place of LSB. Messages. Switched to CW briefly.	4+4 QPSK 75/3000 USB	(JPL-HK)
Q26	8073	21-3	1141	Mon	Restart, now in LSB. Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)

Q26	8073	22-3	1130	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	24-3	1130	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	26-3	0002	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	26-3	1132	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	8073	29-3	1130	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA NR 0279 CK 123 35 0329 1... = TUN 3U6 ...	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	2-3	1142	Wed	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	2-3	2343	Wed	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	3-3	1141	Thu	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	4-3	1140	Fri	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	6-3	1140	Sun	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	6-3	2340	Sun	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	7-3	1143	Mon	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	9-3	1141	Wed	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	10-3	1144	Thu	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	11-3	2340	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	12-3	1140	Sat	Messages i.p. //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	13-3	1142	Sun	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	14-3	1143	Mon	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	18-3	2340	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	19-3	1142	Sat	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	19-3	2340	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	20-3	1139	Sun	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	21-3	1142	Mon	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	26-3	1144	Sat	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	29-3	1142	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	31-3	1142	Thu	Messages //4243 kHz	4+4 QPSK 75/3000 LSB	(JPL-HK)
Q26	9054	31-3	2342	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL-HK)
RADv	1788	3-3	1917	Thu	Outstation setting on the frequency and tracking (Russian Voice)	USB	(F5JBR)
RADv	1834	6-3	1828	Sun	Tracking (Russian Voice)	USB	(F5JBR)
RADv	3268	5-3	1752	Sat	Tracking (Russian Voice)	USB	(F5JBR)
RADv	3374	4-3	1842	Fri	Tracking (Russian Voice)	USB	(F5JBR)
RADv	3460	5-3	1810	Sat	Tracking (Russian Voice)	USB	(F5JBR)
RADv	3520	5-3	1625	Sat	Tracking (Russian Voice)	USB	(F5JBR)
RADv	3545	5-3	1622	Sat	Tracking (Russian Voice)	USB	(F5JBR)
RADv	6991	4-3	1915	Fri	Russian Air Defense. Russian male voice with numbers 6 900 90 1 9 30	USB	(PPA)
RAv	6685	3-3	1630	Thu	26034 (unid Russian AF aircraft) clg Korsar	USB	(RP-MD)

RMv	1780	22-3	1639	Tue	BIZON-64 clg KARPOY-39, STUPA-32, KARTA-19, FAN-TAN-34, RODEO-26, PESTOY-21, DOUBLON-68, URGAN-40	USB	(F5JBR)
RMv	2766	7-3	1607	Mon	PAGOD-63 clg outstations	USB	(F5JBR)
RMv	2775. 5	8-3	1711	Tue	MARKER-04 clg outstations	USB	(F5JBR)
RMv	3200	3-3	1901	Thu	SOKOT-12 wkg outstations	USB	(F5JBR)
RMv	3434	3-3	1855	Thu	SOKOT-15 wkg outstations	USB	(F5JBR)
RMv	3774	7-3	1407	Mon	PARNIK-15 clg DAVOY-22	LSB	(F5JBR)
RMv	4238	11-3	1733	Fri	BARDO-63 clg outstations	USB	(F5JBR)
RMv	4536. 5	19-3	0558	Sat	HORT-39 clg outstations	USB	(F5JBR)
RMv	4640	24-3	1051	Thu	MARAK-47 clg outstations	USB	(F5JBR)
RMv	4655	18-3	1607	Fri	BALAK-23 clg outstations	USB	(F5JBR)
RMv	4770	18-3	1312	Fri	KAPKAN-60 clg PROUS-52, BAKSOR-59, OLCHEK-24	USB	(F5JBR)
RMv	5058. 5	18-3	0542	Fri	PONIO-24 clg outstations	USB	(F5JBR)
RMv	5058. 5	19-3	0552	Sat	PODIO-29 clg outstations	USB	(F5JBR)
RMv	5260	19-3	0604	Sat	OBLIK-24 clg outstations	USB	(F5JBR)
RMv	5400	14-3	1433	Mon	ROMAN-51 clg SLUPKA-93, SIAM-60, RAITOK-69	USB	(F5JBR)
RMv	5426	15-3	0632	Tue	VIRKTA-88 clg outstations	LSB	(F5JBR)
RMv	5830	24-3	0652	Thu	BALAN-94 clg outstations	USB	(F5JBR)
RMv	5886	24-3	0853	Thu	VOLGA-22 clg LIMA-84	USB	(F5JBR)
RMv	5951	22-3	0900	Tue	ARBIT-36 clg outstations	USB	(F5JBR)
RMv	5951	24-3	0907	Thu	TRITAN-34 clg outstations	USB	(F5JBR)
RMv	6015. 5	18-3	0600	Fri	BORIS-46 clg outstations	USB	(F5JBR)
RMv	6296. 5	9-3	1259	Wed	SPIKE-03 clg BANKET-27, POROK-51, SKAN-51, KIRVAN-73	USB	(F5JBR)
RMv	6330	26-3	0659	Sat	ZLATOR-67 clg outstations	USB	(F5JBR)
RMv	6948	15-3	0718	Tue	BAIKA-18 clg outstations	USB	(F5JBR)
RMv	7149	24-3	0710	Thu	MARVEK-46 clg (comms checks and messages)	USB	(F5JBR)
RMv	7276	10-3	0843	Thu	MIROR-46 clg outstations	USB	(F5JBR)
RNAV	8816	24-3	0945	Thu	RJF94 RJC38 DE 08395 QTO 0740 QRD XLLV XLMV QRE 1000 QBD 13800 K	CW	(WP3)
RNAV	8816	24-3	1311	Thu	RJF94 RJC38 DE 08395 QTO 1301 QRD XLMV XLLV QRE 1530 QBD 15000 K	CW	(WP3)
RNAV	8816	24-3	1420	Thu	RJF94 RJC38 DE 08395 QTO 1405 QRD XMWH XLLV QRE 1620 QBD 15000 K	CW	(WP3)
RNAV	8816	25-3	0851	Fri	RJF94 RJC38 DE 08395 QTO 0840 QRD XLLV XMWH QRE 1100 QBD 15000 K	CW	(WP3)
RNAV	11354	3-3	1219	Thu	Priboj w/95721	USB	(RP-MD)
RNAV	11354	3-3	1242	Thu	Krokot w/95725	USB	(RP-MD)
RNV	4042	17-3	0625	Thu	VESTNIK (RMP) clg BOKOAT (RFK99)	USB	(F5JBR)
RNV	4109	24-3	1327	Thu	VESTNIK (RMP) clg YVERKA (RHC86)	USB	(F5JBR)
RNV	4395	24-3	0646	Thu	VESTNIK (RMP) clg MOTORIE (RMB80)	USB	(F5JBR)
RNV	4605	24-3	1231	Thu	VESTNIK (RMP) clg EKLAVOJ (RHY47)	USB	(F5JBR)
RNV	4940. 5	24-3	1246	Thu	GARANTIYA (RIQ88) clg GANILA GORNILA (comms checks and QTCs)	LSB	(F5JBR)
RNV	4988	25-3	1430	Fri	VESTNIK (RMP) clg MOTORIE (RMB80)	USB	(F5JBR)
RNV	5206	26-3	0711	Sat	KAPRIA (RKH80) clg VESTNIK (RMP)	USB	(F5JBR)
RNV	6959	26-3	0801	Sat	MOTORIYA (RMB80) clg VESTNIK (RMP)	USB	(F5JBR)
RNV	8219	15-3	0658	Tue	BUKSOL clg KALCHUGAH, KORCHIK, PAMFLET, ZABOR, BANKET, KORCHIK	USB	(F5JBR)
S06	4059	19-3	2100	Sat	614 614 614 00000	USB	(AB)
S06	6924	4-3	2100	Fri	761 00000 found by danix111	USB	(PW2)
S06	6924	4-3	2103	Fri	i.p. 761 761 761 00000	USB	(PPA)
S06	7887	15-3	1622	Tue	ip	USB	(HFD)
S06	7887	16-3	1615	Wed	409 372 58 05437 69317 06209 ... 52724 19089 21217 372 58 00000 1630z	USB	(AB)
S06	9296	2-3	0530	Wed	464 812 5 38034	USB	(HFD)
S06	10365	2-3	0540	Wed	464	USB	(HFD)
S06	10387	15-3	1600	Tue	387 506 47 12946 24614 73240 ... 62012 59657 41458 506 47 00000	USB	(AB)
S06	10387	15-3	1610	Tue	ip	USB	(HFD)

S06	10387	16-3	1600	Wed	387 506 47 12946 24614 73240 ... 62012 59657 41458 506 47 00000	USB	(AB)
S06	10867	27-3	1000	Sun	480 276 41 68128 53518 23246 ... 94601 82040 46795 276 41 00000	USB	(PW2)
S06	10874	1-3	1000	Tue	480 356 40 18517 65670 07835 69607 ... 18973 30973 57563 356 356 40 40 000000	USB	(PW2)
S06	14913	15-3	1500	Tue	387 506 47 12946 24614 73240 ... 62012 59657 41458 506 47 00000	USB	(AB)
S06	14913	16-3	1500	Wed	387 506 47 12946 24614 73240 ... 62012 59657 41458 506 47 00000	USB	(AB)
S06	15721	9-3	0400	Wed	480 123 60 79807	USB	(HFD-HK)
S06	16268	3-3	0930	Thu	842 170 45 34584 47263 99505 ... 43445 92558 48676 170 45 00000	USB	(AB/HFD-HK)
S06	16268	4-3	0930	Fri	842 170 45 34584 47263 99505 ... 43445 92558 48676 170 45 00000	USB	(AB)
S06	19415	3-3	0830	Thu	842 170 45 34584 47263 99505 ... 43445 92558 48676 170 45 00000	USB	(AB/HFD-HK)
S06	19415	4-3	0830	Fri	842 170 45 34584 47263 99505 ... 43445 92558 48676 170 45 00000	USB	(AB)
S06	19415	10-3	0830	Thu	842 395 47 61531	USB	(AB)
S06	19415	24-3	0830	Thu	842 953 ...	USB	(AB)
S06c	14386	19-3	1430	Sat	11087	USB	(Danix)
S06s	4576	19-3	2000	Sat	614 614 614 00000	USB	(AB)
S06s	5744	3-3	0900	Thu	624 970 5 33796 13577 74526 46647 79302 970 5 00000	USB	(AB)
S06s	5760	1-3	0700	Tue	374 920 5 32543 36892 45331 43796 86234 920 5 00000	USB	(AB)
S06s	5760	8-3	0700	Tue	374 920 5 32543	USB	(HFD)
S06s	5760	22-3	0700	Tue	374 902 5 65906 11171 20336 17301 88554 902 5 00000	USB	(AB)
S06s	5760	29-3	0700	Tue	374 374 374 00000	USB	(AB)
S06s	6190	1-3	1100	Tue	754 289 6 49294 38064 31724 37324 39316 35660 289 6 00000	USB	(PW2)
S06s	6190	29-3	1100	Tue	754 754 754 00000	USB	(AB)
S06s	6410	1-3	1000	Tue	893 216 5 88620 58069 62732 74537 57440 216 5 00000	USB	(PW2/HFD)
S06s	6410	22-3	1000	Tue	893 241 5 96632 52537 53317 06674 41736 241 5 00000	USB	(AB)
S06s	6410	29-3	1000	Tue	893 893 893 00000	USB	(AB)
S06s	6464	1-3	1500	Tue	537 248 6 37947 37947 31323 31829 47694 45680 248 6 00000	USB	(PW2/HFD)
S06s	6464	29-3	1500	Tue	537 537 537 00000	USB	(AB)
S06s	6524	3-3	0910	Thu	624 970 5 7796#	USB	(HFD)
S06s	6524	3-3	0910	Thu	624 970 5 33796 13577 74526 46647 79302 970 5 00000	USB	(AB)
S06s	6524	10-3	0910	Thu	624 970 5 33796 13577 74526 46647 79302 970 5 00000	USB	(AB)
S06s	6930	1-3	0715	Tue	374 920 5 32543 36892 45331 43796 86234 920 5 00000	USB	(AB)
S06s	6930	8-3	0715	Tue	374	USB	(HFD)
S06s	6930	15-3	0715	Tue	374 902 5 65906 11171 20336 17301 88554 902 5 00000	USB	(AB)
S06s	6930	22-3	0715	Tue	374 902 5 65906 11171 20336 17301 88554 902 5 00000	USB	(AB)
S06s	6930	29-3	0715	Tue	374 374 374 00000	USB	(AB)
S06s	7230	1-3	1110	Tue	754 289 6 49294 38064 31724 37324 39316 35660 289 6 00000	USB	(PW2/HFD)
S06s	7230	8-3	1110	Tue	754 289 6 49294 38064 31724 37324 39316 35660 289 6 00000	USB	(AB)
S06s	7230	29-3	1110	Tue	754 754 754 00000	USB	(AB)
S06s	7242	1-3	1510	Tue	537 248 6 37947 37947 31323 31829 47694 45680 248 6 00000	USB	(PW2/HFD)
S06s	7242	29-3	1510	Tue	537 537 537 00000	USB	(AB)
S06s	7340	1-3	1010	Tue	893 216 5 88620 58069 62732 74537 57440 216 5 00000	USB	(PW2/HFD)
S06s	7340	22-3	1010	Tue	893 241 5 96632 52537 53317 06674 41736 241 5 00000	USB	(AB)
S06s	7340	29-3	1010	Tue	893 893 893 00000	USB	(AB)
S06s	7425	1-3	0730	Tue	427 516 8 46062 68672 97478 39685 30485 96632 52537 53317 516 8 00000 (Harmonic on 14850 kHz)	USB	(Danix/HFD)
S06s	7425	15-3	0730	Tue	427 509 6 33796 13577 74526 46647 79302 53516 509 6 00000	AM	(AB)
S06s	7425	22-3	0730	Tue	427 509 6 33796 13577 74526 46647 79302 53516 509 6 00000	AM	(AB)
S06s	7425	29-3	0730	Tue	427 427 427 00000	USB	(AB)
S06s	8270	7-3	0840	Mon	371 804 5 38549 86184 47321 89603 37671 804 5 0000	USB	(AB/HFD)
S06s	8270	21-3	0840	Mon	371 864 5 46062 68672 97478 39685 30485 864 5 00000	USB	(AB)
S06s	8270	28-3	0840	Mon	371 864 5 46062 68672 97478 39685 30485 864 5 00000	USB	(AB)

S06s	8630	2-3	0820	Wed	471 582 6 88620 58069 51732 74537 57440 10597 582 6 00000	USB	(AB/HFD)
S06s	8630	9-3	0820	Wed	471 582 6 88620 58069 51732 74537 57440 10597 582 6 00000	USB	(AB)
S06s	8630	30-3	0820	Wed	471 471 471 00000	USB	(AB)
S06s	9081	3-3	0930	Thu	314 952 6 96320 36793 53038 76342 15009 34140 952 6 00000	USB	(AB/HFD)
S06s	9081	10-3	0930	Thu	314 952 6 96320 36793 53038 76342 15009 34140 952 6 00000	USB	(AB)
S06s	9081	17-3	0930	Thu	314 256 7 37545	USB	(HFD)
S06s	9081	24-3	0930	Thu	314 256 7 37545 30989 41691 43753 32543 40936 36892 256 7 00000	USB	(AB)
S06s	9081	31-3	0930	Thu	314 314 314 00000	USB	(AB)
S06s	9145	7-3	1200	Mon	831 205 6 37184 36129 33983 83321 85246 32993 205 6 00000	USB	(AB/HFD)
S06s	9220	7-3	0830	Mon	371 804 5 38549 86184 47321 89603 37671 804 5 0000	USB	(AB/HFD)
S06s	9220	21-3	0830	Mon	371 864 5 46062 68672 97478 39685 30485 864 5 00000	USB	(AB)
S06s	9220	28-3	0830	Mon	371 864 5 46062 68672 97478 39685 30485 864 5 00000	USB	(AB)
S06s	9245	28-3	1200	Mon	831 267 5 39783 35468 35208 35868 49131 267 5 00000	USB	(AB)
S06s	9255	2-3	0830	Wed	471	USB	(HFD)
S06s	9255	9-3	0830	Wed	471 582 6 88620 58069 51732 74537 57440 10597 582 6 00000	USB	(AB)
S06s	9255	30-3	0830	Wed	471 471 471 00000 (1 min early)	USB	(AB)
S06s	9296	30-3	0530	Wed	464 464 464 00000	USB	(AB)
S06s	9296	30-3	0530	Wed	464 464 464 00000	USB	(AB)
S06s	10365	30-3	0540	Wed	464 464 464 00000	USB	(AB)
S06s	10420	1-3	0810	Tue	352 879 6 47665 94092 48521 63888 92060 11749 879 6 0000	USB	(AB/HFD)
S06s	10420	15-3	0810	Tue	352 894 6 52401 63919 92699 14600 74248 48754 894 6 00000	USB	(AB)
S06s	10420	22-3	0810	Tue	352 894 6 52401 63919 92699 14600 74248 48754 894 6 00000	USB	(AB)
S06s	10514	3-3	0940	Thu	314 952 6 96320 36793 53038 76342 15009 34140 952 6 00000	USB	(AB/HFD)
S06s	10514	10-3	0940	Thu	314 952 6 96320 36793 53038 76342 15009 34140 952 6 00000	USB	(AB)
S06s	10514	17-3	0940	Thu	314	USB	(HFD)
S06s	10514	24-3	0940	Thu	314 256 7 37545 30989 41691 43753 32543 40936 36892 256 7 00000	USB	(AB)
S06s	10514	31-3	0940	Thu	314 314 314 00000	USB	(AB)
S06s	11460	7-3	1210	Mon	831 205 6 37184 36129 33983 83321 85246 32993 205 6 00000	USB	(AB/HFD)
S06s	11460	28-3	1210	Mon	831 267 5 39783 35468 35208 35868 49131 267 5 00000	USB	(AB)
S06s	11530	2-3	0830	Wed	745 921 6 46062 68672 97478 39685 30485 52553 921 6 00000	AM	(AB)
S06s	11530	30-3	0830	Wed	745 745 745 00000	AM	(AB)
S06s	11560	1-3	0740	Tue	427 516 8 46062 68672 97478 39685 30485 96632 52537 53317 516 8 00000	AM	(AB/HFD)
S06s	11560	15-3	0740	Tue	427 509 6 33796 13577 74526 46647 79302 53516 509 6 00000	AM	(AB)
S06s	11560	22-3	0730	Tue	427 509 6 33796 13577 74526 46647 79302 53516 509 6 00000	AM	(AB)
S06s	11560	29-3	0740	Tue	427 427 427 00000	USB	(AB)
S06s	11635	1-3	0800	Tue	352 879 6 47665 94092 48521 63888 92060 11749 879 6 0000	USB	(AB)
S06s	11635	1-3	0800	Tue	352 879 6 47665	USB	(HFD)
S06s	11635	15-3	0800	Tue	352 894 6 52401 63919 92699 14600 74248 48754 894 6 00000	USB	(AB)
S06s	11635	22-3	0800	Tue	352 894 6 52401 63919 92699 14600 74248 48754 894 6 00000	USB	(AB)
S06s	11635	29-3	0800	Tue	352 352 352 00000	USB	(AB)
S06s	11854	2-3	0830	Wed	745	USB	(HFD)
S06s	12140	2-3	0840	Wed	745 921 6 46062	USB	(HFD)
S06s	12140	4-3	0930	Fri	516 923 7 01405 15003 24357 60583 53535 50128 99477 923 7 00000	USB	(AB/HFD)
S06s	12140	18-3	0930	Fri	516 237 8 35861 33423 89319 32494 37142 32842 50003 98328 237 8 00000	AM	(AB)

S06s	12140	23-3	0840	Wed	745 208 6 74526 46647 79302 53516 25616 11171 208 6	AM	(AB)
					00000		
S06s	12140	25-3	0930	Fri	516 237 8 35861 33423 89319 32494 37142 32842	USB	(AB)
					50003 98328 237 8 00000		
S06s	12140	30-3	0840	Wed	745 745 745 00000 (1 min early)	AM	(AB)
S06s	12145	17-3	1200	Thu	425 910 6 48995 40333 43389 40419 30412 48343 910 6	AM	(AB)
					00000		
S06s	12415	3-3	1200	Thu	425 980 6 47550	USB	(HFD)
S06s	12415	10-3	1200	Thu	425 980 6 47550 10597 23521 47600 92883 69901 980 6	AM	(AB)
					0000		
S06s	12415	31-3	1200	Thu	425 425 425 00000	AM	(AB)
S06s	12952	3-3	0900	Thu	167 284 5 88620 58069 61732 74537 57440 284 5 00000	AM	(AB/HFD)
S06s	12952	10-3	0900	Thu	167 284 5 88620 58069 61732 74537 57440 284 5 00000	AM	(AB)
S06s	12952	24-3	0900	Thu	167 504 8 36444 37144 96123 84434 39808 43033	USB	(AB)
					49330 37711 504 8 00000		
S06s	12952	31-3	0900	Thu	167 167 167 00000	AM	(AB)
S06s	13165	21-3	0910	Mon	872 463 5 88620 58069 61732 74537 57440 463 5 00000	AM	(AB)
S06s	13365	2-3	1000	Wed	729 564 8 47665 94092 48521 63888 92060 11749	USB	(AB/HFD)
					70552 56936 564 8 00000		
S06s	13365	9-3	1000	Wed	729 564 8 47665 94892 48521 63888 11530 11749	USB	(AB)
					70552 56936 564		
S06s	13365	16-3	1000	Wed	729 804 5 60583 54545 60128 99477 83574 804 5 00000	USB	(AB/Benka)
S06s	13365	23-3	1000	Wed	729 804 5 60583 54545 60128 99477 83574 804 5 00000	USB	(AB)
S06s	13515	4-3	0940	Fri	516 923 7 01405 15003 24357 60583 53535 50128	USB	(AB/HFD)
					99477 923 7 00000		
S06s	13515	18-3	0940	Fri	516 237 8 35861 33423 89319 32494 37142 32842	AM	(AB)
					50003 98328 237 8 00000		
S06s	13515	25-3	0940	Fri	516 237 8 35861 33423 89319 32494 37142 32842	USB	(AB)
					50003 98328 237 8 00000		
S06s	13565	3-3	0910	Thu	167 284 5 88620 58069 61732 74537 57440 284 5 00000	AM	(AB/HFD)
S06s	13565	7-3	0910	Mon	872 415 6 39834	USB	(HFD)
S06s	13565	10-3	0910	Thu	167 284 5 88620 58069 61732 74537 57440 284 5 00000	AM	(AB)
S06s	13565	24-3	0910	Thu	167 504 8 36444 37144 96123 84434 39808 43033	USB	(AB)
					49330 37711 504 8 00000		
S06s	13565	31-3	0910	Thu	167 167 167 00000	AM	(AB)
S06s	14212	3-3	1210	Thu	425 980 6 47550 10597 23521 47600 92883 69901 980 6	USB	(AB/HFD)
					00000		
S06s	14212	10-3	1210	Thu	425 980 6 47550 10597 23521 47600 92883 69901 980 6	AM	(AB)
					0000		
S06s	14212	17-3	1210	Thu	425 910 6 48995 40333 43389 40419 30412 48343 910 6	AM	(AB)
					00000		
S06s	14212	31-3	1210	Thu	425 425 425 00000	AM	(AB)
S06s	14505	2-3	1010	Wed	729 564 8 47665 94092 48521 63888 92060 11749	USB	(AB/HFD)
					70552 56936 564 8 00000		
S06s	14505	9-3	1010	Wed	729 564 8 47665 94892 48521 63888 11530 11749	USB	(AB)
					70552 56936 564		
S06s	14505	16-3	1010	Wed	729 804 5 60583 54545 60128 99477 83574 804 5 00000	USB	(AB)
S06s	14505	23-3	1010	Wed	729 804 5 60583 54545 60128 99477 83574 804 5 00000	USB	(AB)
S06s	14580	21-3	0900	Mon	872 463 5 88620 58069 61732 74537 57440 463 5 00000	AM	(AB)
S06s	14850	1-3	0730	Tue	427 516 8 46062 68672 97478 39685 30485 96632	USB	(Danix)
					52537 53317 516 8 00000 (Harmonic)		
S06s	15855	1-3	0600	Tue	438 902 5 38453	USB	(HFD)
S06s	16485	1-3	0610	Tue	438	USB	(HFD)
S06s	20050	20-3	0640	Sun	524	USB	(HFD)
S11a	3717	1-3	0915	Tue	484/00	USB	(AB)
S11a	4016	2-3	1950	Wed	371/00	USB	(PW2/AB/HFD)
S11a	4016	4-3	1955	Fri	371/00	USB	(PW2/MPJ)
S11a	4016	11-3	1955	Fri	371/00	USB	(MPJ)
S11a	4016	16-3	1955	Wed	371/00	USB	(AB/MPJ)
S11a	4016	18-3	1955	Fri	371/00	USB	(AB/MPJ)
S11a	4016	30-3	1955	Wed	371/00	USB	(AB/MPJ)
S11a	5358	25-3	0455	Fri	321/00	USB	(HFD)
S11a	7317	1-3	0915	Tue	484/00	USB	(HFD/PW2)
S11a	7317	4-3	0915	Fri	484/00	USB	(AB)
S11a	7317	8-3	0915	Tue	487/38 Vnmaniye 52204 81822 94161 ... 65650 98316	USB	(AB)
					68917 Vnmaniye, rpt msg, konets		

S11a	7317	11-3	0915	Fri	487/38 Vnimanaye 52204 81822 94161 ... 65650 98316 68917 Vnimanaye, rpt msg, konets	USB	(AB)
S11a	7317	18-3	0914	Fri	Polish Intel.	USB	(F5JBR)
S11a	7317	25-3	0915	Fri	484/00	USB	(AB)
S11a	9960	1-3	1020	Tue	426/00	USB	(AB/PW2/HFD)
S11a	9960	25-3	1020	Fri	426/39 Vnimanaye 32829 08291 14505 ... 67309 83090 36480 Vnimanaye, rpt msg, konets	USB	(AB)
S11a	9960	29-3	1020	Tue	426/00	USB	(AB)
S11a	10800	26-3	1540	Sat	565/35 Vnimanaye ...	USB	(VH)
S11a	16112	3-3	1015	Thu	475/00	USB	(HFD)
S28	4625	2-3	0843	Wed	KATOK-68 75398 OBODOK 92138764	USB	(Priyom)
S28	4625	2-3	0954	Wed	KATOK-68 93144 POLOVIK 96249070 (Female says "re- peat the command" after the signal)	USB	(Priyom)
S28	4625	2-3	1010	Wed	KATOK-68 43542 NAVTARYeN 21924858	USB	(Priyom)
S28	4625	2-3	1440	Wed	Buzzer channel marker //6998 kHz	USB	(PW2)
S28	4625	4-3	1235	Fri	ZhUOZ 21542 DOLOHUK 21286989	USB	(Priyom)
S28	4625	4-3	1528	Fri	Buzzer channel marker //6998 kHz	USB	(AB)
S28	4625	4-3	2014	Fri	Buzzer channel marker	USB	(PW2)
S28	4625	10-3	0806	Thu	ZhUOZ 96647 VHODONOZh 32264768	USB	(Priyom)
S28	4625	10-3	0938	Thu	ZhUOZ 69163 GNYeTOTYeMP 79340510	USB	(Priyom)
S28	4625	10-3	1244	Thu	ZhUOZ 69541 ANGIOTYeNZIN 30879610 (Female voice in the background)	USB	(Priyom)
S28	4625	10-3	1401	Thu	ZhUOZ 93203 BAPTISTSKIJ 67904701 (Operator started with the old call MDZhB)	USB	(Priyom)
S28	4625	13-3	1349	Sun	ZhUOZ 06946 GUZhOMGU 93178248	USB	(Priyom)
S28	4625	14-3	1017	Mon	ZhUOZ 68631 BANTOHLYeV 15856817 //6698 kHz	USB	(Priyom)
S28	4625	21-3	1054	Mon	ZhUOZ 41583 YeTOBAL 87994216	USB	(Priyom)
S28	4625	21-3	1216	Mon	ZhUOZ 15644 KAIKOBALL 58944167	USB	(Priyom)
S28	4625	21-3	1442	Mon	ZhUOZ 42250 BYeKOKLYeShch 80178154	USB	(Priyom)
S28	4625	21-3	1634	Mon	ZhUOZ 33943 KUHONNYJ 94777037	USB	(Priyom)
S28	4625	24-3	1638	Thu	ZhUOZ 71191 BUNTORIS 54031602	USB	(Priyom)
S28	4625	26-3	1612	Sat	Buzzer channel marker //6998 kHz	USB	(VH)
S28	4625	28-3	0500	Mon	ZhUOZ GYeOLOGiYa 5537	USB	(Priyom)
S28	4625	28-3	0506	Mon	ZhUOZ PYeNSION 3134	USB	(Priyom)
S28	4625	28-3	1538	Mon	ZhUOZ 19067 ZYuDOTOYeRN 89264497	USB	(Priyom)
S28	4625	28-3	1642	Mon	ZhUOZ 78268 KRYeSS 18397235	USB	(Priyom)
S28	4625	28-3	1716	Mon	ZhUOZ CYeNTIM 6151	USB	(Priyom)
S28	4625	30-3	0612	Wed	ZhUOZ 86782 OBYeRZANIYe 38152620	USB	(Priyom)
S28	4625	30-3	0756	Wed	ZhUOZ 16594 ADYeYuNKT 37285295	USB	(Priyom)
S28	4625	30-3	0823	Wed	ZhUOZ 37726 VYuNODUET 07383110	USB	(Priyom)
S28	4625	30-3	0830	Wed	ZhUOZ 23365 BOYeCOKLUB 67553089	USB	(Priyom)
S28	4625	30-3	1404	Wed	ZhUOZ 77729 STOZhOK 73978704	USB	(Priyom)
S28	6698	14-3	1017	Mon	ZhUOZ 68631 BANTOHLYeV 15856817 //4625 kHz	USB	(Priyom)
S28	6698	20-3	1129	Sun	ZhUOZ 30586 GOLOSTYeR 63023118	USB	(Priyom)
S28	6698	24-3	0858	Thu	ZhUOZ 00470 KRAMOTORSK 63972775 (Female voice in the background)	USB	(Priyom)
S28	6998	2-3	1540	Wed	Buzzer channel marker //4625 kHz	USB	(PW2)
S28	6998	4-3	1528	Fri	Buzzer channel marker //4625 kHz	USB	(AB)
S28	6998	26-3	1612	Sat	Buzzer channel marker //4625 kHz	USB	(VH)
S30	3756	5-3	1743	Sat	49FT CZZA INNC ShchGJP TZLM FY5E F61N 37CN MUDR 7VNShch	USB	(Priyom)
S30	3756	6-3	1630	Sun	TShchShchs VKY1 HCLF 61Hzh ZBIL L7O5 V'Z' NLCE LI27 V2MZ	USB	(Priyom)
S30	3756	9-3	0159	Wed	8S1Shch GROGOTRYeK 2982	USB	(Priyom)
S30	3756	9-3	0200	Wed	8S1Shch KANOKBIT 4054	USB	(Priyom)
S30	3756	9-3	1750	Wed	CIHS Z7PM S7ZhG Z'1B C19V ZhSK4 HZ5T 5FSShch 8MUO TUZR	USB	(Priyom)
S30	3756	10-3	1908	Thu	9GSA ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS PMV5	USB	(Priyom)
S30	3756	17-3	1759	Thu	8S1Shch Weather warnings	USB	(Priyom)
S30	3756	21-3	1633	Mon	8S1Shch 40781 LYaRDOKYeDR 32494075	USB	(Priyom)
S30	3756	21-3	1823	Mon	F56Shch 9GSA ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS	USB	(Priyom)
S30	3756	22-3	1802	Tue	53OB 78MV DEAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG	USB	(Priyom)
S30	5448	1-3	1514	Tue	DKJ1 48715 GODOROG 24160516	USB	(Priyom)
S30	5448	1-3	1520	Tue	8CShchJ 09528 GYeL' 22344264	USB	(Priyom)

S30	5448	2-3	1501	Wed	8S1Shch 21052 VLASTYeLIN 57744721	USB	(Priyom)
S30	5448	4-3	1415	Fri	6I2Zh 01682 KLYeShOPAK 68770790	USB	(Priyom)
S30	5448	4-3	1419	Fri	S7ZhG 28799 MASTOIDIT 21012946	USB	(Priyom)
S30	5448	4-3	1543	Fri	Pip channel marker	USB	(AB)
S30	5448	7-3	1424	Mon	8S1Shch 28719 NASADOChNYJ 29416433	USB	(Priyom)
S30	5448	7-3	1434	Mon	8S1Shch 99937 KLYeNOLIF 00538047	USB	(Priyom)
S30	5448	8-3	0521	Tue	TZLM FYE F61N 37CN MUDR 7VNShch Zh7NZh YMA5 VTH3 AGDT	USB	(Priyom)
S30	5448	8-3	1248	Tue	42BV 81BR M7KS PMV5 L'GJ KZI' TShchShchS VKY1 HCLF 61HZh	USB	(Priyom)
S30	5448	8-3	1300	Tue	ZhD9V 34261 VISTOVOR 60648342	USB	(Priyom)
S30	5448	8-3	1305	Tue	42BV 58968 MARTYeNSIT 90607857	USB	(Priyom)
S32	3828	9-3	0202	Wed	AL'FA-45 GROGOTRYeK 2982 (S30 in the background)	USB	(Priyom)
S32	3828	9-3	0204	Wed	AL'FA-45 KANOKBIT 4054 (S30 in the background)	USB	(Priyom)
S32	3828	9-3	1829	Wed	RYeZINA-38 KOVBOJ-39 STUPA-32 KARTA-11 FONTAN-34 RUZh'E-26 SLIVA-94 OTPOR-89 ShULER	USB	(Priyom)
S32	3828	16-3	0300	Wed	AL'FA-45 23978 40211 64662 MOLODAJKA 01867067	USB	(Priyom)
S32	3828	16-3	0308	Wed	AL'FA-45 81175 71306 74344 BLYuZ 80708953	USB	(Priyom)
S32	3828	17-3	1706	Thu	RYeZINA-38 KOVBOJ-39 STUPA-32 KARTA-11 FONTAN-34 RUZh'E-26 NYeVKA-26	USB	(Priyom)
S32	3828	19-3	1812	Sat	SLIVA-94 OTPOR-89 ShULER-60 STAZHer-29 ZASLONKA-27 STOROZh-62	USB	(Priyom)
S32	3828	31-3	1753	Thu	SLIVA-94 OTPOR-89 ShULER-60 STAZHer-29 ZASLONKA-27 STOROZh-62	USB	(Priyom)
S32	5473	1-3	1519	Tue	AL'FA-45 80337 NAPRYaZhYeNIYe 65146851	USB	(Priyom)
S32	5473	2-3	1506	Wed	AL'FA-45 71714 NAPYeRSNICA 21222042 (S30 in the background)	USB	(Priyom)
S32	5473	4-3	1430	Fri	AL'FA-45 86417 GICHKA 75910976	USB	(Priyom)
S4245	4524	26-3	1909	Sat	Channel marker (dash)	USB	(AB)
S4525	4524	18-3	2051	Fri	Channel marker (dash)	USB	(MPJ)
S4525	4524	19-3	2112	Sat	Channel marker (dash)	USB	(AB)
S5292	5292	4-3	1540	Fri	Channel marker D	USB	(AB)
S5292	5292	10-3	0826	Thu	TVIZIR-21 02382 KURSOVOJ 27459273	USB	(Priyom)
S5292	5292	10-3	1329	Thu	TSYeKRYeT-39 RYEGATA-75 08383 DRAGUN 32168479 (count before the message)	USB	(Priyom)
S5292	5292	10-3	1414	Thu	Test count 1 2 3 4 5 6 7 8 9 0	USB	(Priyom)
S5292	5292	18-3	2100	Fri	Channel marker S	USB	(MPJ)
S5292	5292	19-3	2112	Sat	Channel marker D	USB	(AB)
S5292	5292	26-3	1908	Sat	Channel marker D	USB	(AB)
UM02	10470	4-3	0131	Fri	CQ DE YRM QSV VOZ KLF R ZNN VA QSV K VOZ QSV K CQ DE YRM VOF CQ DE YRM VVV QSV	CW	(AB)
UM02	10470	19-3	0129	Sat	Q CQ Q CK DE YRM (x2) VVV QSV K. QSV K. CQ (x5) DE YRM (x2) VVV QSV K	CW	(JPL-Sib)
UM02	10470	22-3	0103	Tue	VVV CQ DE YRM QSV K. VOR ZNN VVV CQ DE YRM QSV K. VVV CQ DE YRM ZAN ZAN VA I	CW	(JPL-Sib)
UM10	3210	18-3	1547	Fri	10-mins net: 7CJK //3718 kHz	CW	(JPL-HK)
UM10	3326	7-3	1855	Mon	10-mins net: U34D	CW	(JPL-Sib)
UM10	3326	9-3	2023	Wed	10-mins net: U34D	CW	(JPL-Sib)
UM10	3326	13-3	1455	Sun	10-mins net: U34D	CW	(JPL-Sib)
UM10	3326	22-3	1558	Tue	10-mins net: U34D	CW	(JPL-Sib)
UM10	3718	5-3	1911	Sat	10-mins net: 7CJK	CW	(JPL-Sib)
UM10	3718	8-3	1742	Tue	10-mins net: 7CJK	CW	(JPL-Sib)
UM10	3718	8-3	1950	Tue	10-mins net: 7CJK	CW	(JPL-HK)
UM10	3718	10-3	1618	Thu	10-mins net: 7CJK	CW	(JPL-Sib)
UM10	3718	13-3	1442	Sun	10-mins net: 7CJK	CW	(JPL-Sib)
UM10	3718	18-3	1547	Fri	10-mins net: 7CJK //3210 kHz	CW	(JPL-HK)
UM10	3718	21-3	1618	Mon	10-mins net: 7CJK	CW	(JPL-Sib)
UM10	3718	22-3	1414	Tue	10-mins net: 7CJK	CW	(JPL-Sib)
UM10	3718	23-3	1716	Wed	10-mins net: 7CJK	CW	(JPL-Sib)
UM10	3718	25-3	1613	Fri	10-mins net: 7CJK	CW	(JPL-Sib)
UM10	3817	9-3	1018	Wed	10-mins net: 7CJK	CW	(JPL-Sib)
V02	7554	24-3	2004	Thu	Atencion 22101 35402 48721	LSB	(DSch)
V02a	7554	3-3	2000	Thu	YL/SS 28512 32841 45362 (see N&O 222)	LSB	(DSch/qsr711/PW2)
V02a	7555	24-3	2000	Thu	22161 35402 48721 switched to M08a mid second message	LSB	(PW2)

V07	14374	20-3	0140	Sun	883 1 136 63 87406 88976 21368 ... 78826 76924 82062 000 000	USB	(Dan/Token)
V07	15874	6-3	0120	Sun	883 883 883 000	USB	(Dan)
V07	15874	13-3	0120	Sun	883 883 883 000	USB	(Dan)
V07	15874	13-3	0120	Sun	Null message	USB	(VH)
V07	15874	20-3	0120	Sun	883 1 136 63 87406 88976 21368 ... 78826 76924 82062 000 000	USB	(Dan/Token)
V07	18074	6-3	0100	Sun	883 883 883 000	USB	(Dan)
V07	18074	13-3	0100	Sun	883 883 883 000	USB	(Dan/VH)
V07	18074	20-3	0100	Sun	883 1 136 63 87406 88976 21368 ... 78826 76924 82062 000 000	USB	(Dan/Token)
V13	7502	2-3	1300	Wed	New Star #4	AM	(AB-HK)
V13	7502	9-3	1218	Wed	New Star #4 i.p.	AM	(RonC)
V13	7502	10-3	1200	Thu	New Star #4	AM	(AB-HK)
V13	7502	10-3	1300	Thu	New Star #4	AM	(AB-HK)
V13	7502	11-3	1320	Fri	New Star #4	AM	(VH)
V13	7502	17-3	1200	Thu	New Star #4	AM	(AB-HK)
V13	7502	23-3	1220	Wed	New Star #4 i.p.	AM	(VH)
V13	7502	23-3	1300	Wed	New Star #4	AM	(AB-HK)
V13	7502	31-3	1200	Thu	New Star #4	AM	(AB-HK)
V13	9522	2-3	0600	Wed	New Star #4	USB	(AB-HK)
V13	9522	9-3	0600	Wed	New Star #4	USB	(AB-HK)
V13	9522	14-3	0600	Mon	New Star #4	USB	(AB-HK)
V13	9522	18-3	0620	Fri	New Star #4 i.p.	USB	(AB-HK)
V13	9522	21-3	0600	Mon	New Star #4	USB	(AB-HK)
V13	9522	30-3	0600	Wed	New Star #4	USB	(AB-HK)
V13	15250	4-3	0700	Fri	New Star #3	AM	(AB-HK)
V13	15250	4-3	0800	Fri	New Star #3	AM	(AB-HK)
V13	15250	9-3	0700	Wed	New Star #3	AM	(AB-HK)
V13	15250	18-3	0700	Fri	New Star #3	AM	(AB-HK)
V13	15250	18-3	0800	Fri	New Star #3	AM	(AB-HK)
V13	15250	19-3	0800	Sat	New Star #3	AM	(AB-HK)
V13	15250	21-3	0700	Mon	New Star #3	AM	(AB-HK)
V13	15250	23-3	0700	Wed	New Star #3	AM	(AB-HK)
V13	15250	24-3	0700	Thu	New Star #3	AM	(AB-HK)
V13	15250	26-3	0700	Sat	New Star #3	AM	(AB-HK)
V13	15250	26-3	0800	Sat	New Star #3	AM	(AB-HK)
V26	4243	2-3	1146	Wed	Voice callup. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	2-3	1209	Wed	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	3-3	1140	Thu	i.p. //9054 kHz	USB	(JPL-HK)
V26	4243	3-3	1200	Thu	Message in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	4-3	1138	Fri	Voice callup. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	7-3	1206	Mon	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	9-3	1157	Wed	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	10-3	1201	Thu	Messages. Female operator //9054 kHz	USB	(AB-HK/JPL-HK)
V26	4243	18-3	1538	Fri	i.p. Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	19-3	1201	Sat	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	20-3	1138	Sun	Voice callup. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	20-3	1215	Sun	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	25-3	1157	Fri	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	26-3	1220	Sat	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4243	31-3	1157	Thu	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	4253	22-3	1205	Tue	Messages in Chinese. Female operator //9054 kHz	USB	(JPL-HK)
V26	7553	29-3	1000	Tue	Messages in Chinese. Female operator //9151 kHz	USB	(JPL-HK)
V26	8073	2-3	1129	Wed	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	3-3	1154	Thu	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	8073	4-3	0012	Fri	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	8073	6-3	1128	Sun	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	7-3	1130	Mon	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	8-3	1130	Tue	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	9-3	1129	Wed	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	9-3	1214	Wed	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	10-3	0026	Thu	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	10-3	1203	Thu	Messages. Male operator	CW	(AB-HK/JPL-HK)
V26	8073	12-3	0001	Sat	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	12-3	0033	Sat	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	13-3	1130	Sun	Voice callup. Male operator	USB	(JPL-HK)

V26	8073	14-3	1129	Mon	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	19-3	1129	Sat	Voice callup. Female operator	USB	(JPL-HK)
V26	8073	19-3	1200	Sat	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	8073	20-3	0001	Sun	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	20-3	0022	Sun	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	20-3	1129	Sun	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	20-3	1206	Sun	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	21-3	1130	Mon	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	21-3	1215	Mon	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	22-3	0035	Tue	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	8073	22-3	1222	Tue	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	24-3	1129	Thu	Voice callup. Female operator	USB	(JPL-HK)
V26	8073	26-3	0001	Sat	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	26-3	1130	Sat	Voice callup. Male operator	USB	(JPL-HK)
V26	8073	26-3	1205	Sat	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	29-3	1129	Tue	Voice callup. Female operator	USB	(JPL-HK)
V26	8073	31-3	0020	Thu	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	8073	31-3	1148	Thu	Messages in Chinese. Male operator	USB	(JPL-HK)
V26	9054	2-3	1146	Wed	Voice callup. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	2-3	1209	Wed	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	2-3	2341	Wed	Voice callup. Female operator	USB	(JPL-HK)
V26	9054	2-3	2354	Wed	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	3-3	1140	Thu	i.p. //4243 kHz	USB	(JPL-HK)
V26	9054	3-3	1200	Thu	Message in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	4-3	0005	Fri	Messages in Chinese. Female operators	USB	(JPL-HK)
V26	9054	4-3	1138	Fri	Voice callup. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	6-3	2338	Sun	Voice callup. Female operator	USB	(JPL-HK)
V26	9054	7-3	0023	Mon	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	7-3	1206	Mon	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	9-3	1157	Wed	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	10-3	0004	Thu	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	10-3	0005	Thu	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	10-3	1201	Thu	Messages. Female operator //4243 kHz	USB	(AB-HK/JPL-HK)
V26	9054	11-3	0002	Fri	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	11-3	2355	Fri	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	18-3	1538	Fri	i.p. Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	18-3	2339	Fri	Voice callup. Female operator	USB	(JPL-HK)
V26	9054	19-3	0008	Sat	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	19-3	1201	Sat	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	19-3	2338	Sat	Voice callup. Female operator	USB	(JPL-HK)
V26	9054	20-3	0010	Sun	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	20-3	1138	Sun	Voice callup. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	20-3	1215	Sun	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	22-3	1205	Tue	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	25-3	1157	Fri	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	26-3	1220	Sat	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	29-3	1128	Tue	Voice callup. Female operator	USB	(JPL-HK)
V26	9054	31-3	0023	Thu	Messages in Chinese. Female operator	USB	(JPL-HK)
V26	9054	31-3	1157	Thu	Messages in Chinese. Female operator //4243 kHz	USB	(JPL-HK)
V26	9054	31-3	2339	Thu	Voice callup. Female operator	USB	(JPL-HK)
V26	9151	29-3	1000	Tue	Messages in Chinese. Female operator //7553 kHz	USB	(JPL-HK)
V28	3277	24-3	1143	Thu	Korean numbers	USB	(RonC)
V30	10255	8-3	1554	Tue	Message	USB	(To-ken/PW2/Danix)
V30	10255	10-3	1558	Thu	i.p. Vietnamese numbers. Ends at 1619 UTC	USB	(AB/PW2)
V30	10255	17-3	1554	Thu	Numbers transmission in Vietnamese	USB	(AB)
V30	10255	18-3	1553	Fri	Numbers transmission in Vietnamese	USB	(qsr711)
V30	10255	25-3	1554	Fri	Numbers transmission in Vietnamese	USB	(AB/qsr711)
VC01	5436	9-3	1038	Wed	Chinese Robot	USB	(RonC)
VC01	5436	9-3	1256	Wed	Chinese Robot	USB	(RonC)
VC01	5436	11-3	1456	Fri	Chinese Robot	USB	(NC-J)
VC01	5436	14-3	1314	Mon	Chinese Robot	USB	(AB-HK)
VC01	5436	19-3	1203	Sat	Chinese Robot	USB	(AB-HK)
VC01	5436	23-3	1303	Wed	Chinese Robot	USB	(AB-HK)
VC01	5436	25-3	1202	Fri	Chinese Robot	USB	(AB-HK)
VC01	6505	11-3	1459	Fri	Chinese Robot	LSB	(NC-J)

VC01	6505	14-3	1314	Mon	Chinese Robot	LSB	(AB-HK)
VC01	6505	17-3	1212	Thu	Chinese Robot	LSB	(AB-HK)
VC01	6505	19-3	1203	Sat	Chinese Robot	LSB	(AB-HK)
VC01	6505	23-3	1303	Wed	Chinese Robot	LSB	(AB-HK)
VC01	6505	25-3	1202	Fri	Chinese Robot	LSB	(AB-HK)
VR01	6985	25-3	1515	Fri	Nomer odinnadsat (nr 11)	LSB	(qsr711)
X06	10115	27-3	1747	Sun	Mazielka. Sequence: 145632	MFSK	(JS3)
X06	10214	10-3	1520	Thu	Mazielka. Sequence: 263145	MFSK	(Danix)
X06	10214	10-3	1523	Thu	Mazielka. Sequence: 263145	MFSK	(JkC)
X06	10214	10-3	1523	Thu		MFSK	(PW2)
X06	10535	10-3	1630	Thu	Mazielka. Sequence: 564213	MFSK	(JkC)
X06	10535	24-3	1608	Thu	Mazielka. Sequence: 564213	MFSK	(PUK)
X06	10684	2-3	0730	Wed	Mazielka. Sequence: 256341	MFSK	(AAI)
X06	11153	23-3	0904	Wed	Mazielka. Sequence: 465132	MFSK	(PUK)
X06	12118	11-3	1736	Fri	Mazielka. Sequence: 325614	MFSK	(Danix)
X06	12215	4-3	1004	Fri	Mazielka. Sequence: 361245	MFSK	(PUK)
X06	12215	18-3	1016	Fri	Mazielka. Sequence: 361245	MFSK	(PUK/F5JBR)
X06	13420	22-3	0804	Tue	Mazielka. Sequence: 534216	MFSK	(PUK)
X06	13423	28-3	0820	Mon	Mazielka. Sequence: 421635	MFSK	(PUK)
X06	13506	24-3	0944	Thu	Mazielka. Sequence: 164532	MFSK	(PUK)
X06	13506	24-3	0948	Thu	Mazielka. Sequence: 164532	MFSK	(AAI)
X06	13510	22-3	0818	Tue	Mazielka. Sequence: 612534	MFSK	(PUK)
X06	13524	1-3	0758	Tue	Mazielka. Sequence: 125643	MFSK	(Danix)
X06	14419	24-3	0757	Thu	Mazielka. Sequence: 521634	MFSK	(PUK)
X06	14683	28-3	1316	Mon	Mazielka. Sequence: 364152	MFSK	(AAI)
X06	14942	1-3	1300	Tue	Mazielka. Sequence: 325614	MFSK	(F5JBR)
X06	14947	27-3	0845	Sun	Mazielka. Sequence: 351264	MFSK	(PUK)
X06	16116	9-3	0830	Wed	Mazielka. Sequence: 134265	MFSK	(AAI)
X06	16116	23-3	0932	Wed	Mazielka. Sequence: 134265	MFSK	(PUK)
X06	16153	24-3	0806	Thu	Mazielka. Sequence: 153624	MFSK	(PUK)
X06	16219	4-3	0920	Fri	Mazielka. Sequence: 324615	MFSK	(AAI/F5JBR/PUK)
X06	16219	18-3	0951	Fri	Mazielka. Sequence: 324615	MFSK	(PUK/Danix/F5JBR)
X06	16257	22-3	0810	Tue	Mazielka. Sequence: 542136	MFSK	(PUK)
X06	16257	22-3	0814	Tue	Mazielka. Sequence: 542136	MFSK	(AAI/PUK)
X06	16257	22-3	0817	Tue	Mazielka. Sequence: 542136	MFSK	(PUK)
X06	16317	22-3	1029	Tue	Mazielka. Sequence: 612534	MFSK	(PUK)
X06	16317	22-3	1033	Tue	Mazielka. Sequence: 612534	MFSK	(PUK)
X06	18177	23-3	0800	Wed	Mazielka. Sequence: 164253	MFSK	(PUK)
X06	18750	21-3	0746	Mon	Mazielka. Sequence: 641523	MFSK	(PUK)
X06	19611	25-3	0950	Fri	Mazielka. Sequence: 256134	MFSK	(AAI)
X06	20837	4-3	0934	Fri	Mazielka. Sequence: 645321	MFSK	(PUK)
X06b	13438	13-3	1402	Sun	Mazielka. Sequence: 1--6--	MFSK	(AB)
X06b	14438	13-3	1403	Sun	Mazielka. Sequence: 1--6--	MFSK	(AB)
X06b	16138	1-3	1403	Tue	Mazielka. Sequence: 1--6-- before XPA2	MFSK	(PW2)
X06b	16138	1-3	1406	Tue	Mazielka. Sequence: 1--6-- before XPA2	MFSK	(PW2)
X06b	16138	13-3	1401	Sun	Mazielka. Sequence: 1--6--	MFSK	(AB)
XPA	7462	1-3	1940	Tue	304 304 304 000 03484 00001 00000 10140	MFSK-20/10Bd	(AB/HFD)
XPA	7462	3-3	1940	Thu	304 304 000 02586 00001 00000 10140	MFSK-20/10Bd	(PW2/AB)
XPA	7462	8-3	1940	Tue	304 1 02297 00225 66594 ... 61599 79053 33704	MFSK-20/10Bd	(AB)
XPA	7462	10-3	1940	Thu	304 1 02297 00225 66594 ... 61599 79053 33704	MFSK-20/10Bd	(MPJ)
XPA	7462	15-3	1940	Tue	304 304 304 000 07343 00001 00000 10140	MFSK-20/10Bd	(AB/MPJ)
XPA	7462	17-3	1940	Thu	304 304 304 000 06652 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	7462	22-3	1940	Tue	304 1 05759 00287 83432 ... 13131 17847 27756	MFSK-20/10Bd	(AB)
XPA	7462	24-3	1940	Thu	304 304 304 000 04647 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	7462	29-3	1940	Tue	304 1 07018 00261 59557 ... 50306 63217 05122	MFSK-20/10Bd	(AB)
XPA	7462	31-3	1940	Thu	304 1 07018 00261 59557 ... 50306 63217 05122	MFSK-20/10Bd	(AB/MPJ)
XPA	8062	1-3	1920	Tue	304 304 304 000 03484 00001 00000 10140	MFSK-20/10Bd	(AB/HFD)
XPA	8062	3-3	1920	Thu	304 304 304 000 02586 00001 00000 10140	MFSK-20/10Bd	(AB/PW2)
XPA	8062	8-3	1920	Tue	304 1 02297 00225 66594 ... 61599 79053 33704	MFSK-20/10Bd	(AB)
XPA	8062	10-3	1920	Thu	304 1 02297 00225 66594 ... 61599 79053 33704	MFSK-20/10Bd	(MPJ)
XPA	8062	15-3	1920	Tue	304 304 304 000 07343 00001 00000 10140	MFSK-20/10Bd	(AB/MPJ)
XPA	8062	17-3	1920	Thu	304 304 304 000 06652 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	8062	22-3	1920	Tue	304 1 05759 00287 83432 ... 13131 17847 27756	MFSK-20/10Bd	(AB)
XPA	8062	24-3	1920	Thu	304 304 304 000 04647 00001 00000 10140	MFSK-20/10Bd	(AB/MPJ)
XPA	8062	29-3	1920	Tue	304 1 07018 00261 59557 ... 50306 63217 05122	MFSK-20/10Bd	(AB)

XPA	8062	31-3	1920	Thu	304 1 07018 00261 59557 ... 50306 63217 05122	MFSK-20/10Bd	(AB/MPJ)
XPA	9362	1-3	1900	Tue	304 304 304 000 03484 00001 00000 10140	MFSK-20/10Bd	(AB/HFD)
XPA	9362	3-3	1900	Thu	304 304 000 02586 00001 00000 10140	MFSK-20/10Bd	(PW2/AB)
XPA	9362	8-3	1900	Tue	304 1 02297 00225 66594 ... 61599 79053 33704	MFSK-20/10Bd	(AB)
XPA	9362	10-3	1900	Thu	304 1 02297 00225 66594 ... 61599 79053 33704	MFSK-20/10Bd	(MPJ)
XPA	9362	15-3	1900	Tue	304 304 304 000 07343 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9362	17-3	1900	Thu	304 304 304 000 06652 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	9362	22-3	1900	Tue	304 1 05759 00287 83432 ... 13131 17847 27756	MFSK-20/10Bd	(AB)
XPA	9362	24-3	1900	Thu	304 304 304 000 04647 00001 00000 10140	MFSK-20/10Bd	(AB/MPJ)
XPA	9362	29-3	1900	Tue	304 1 07018 00261 59557 ... 50306 63217 05122	MFSK-20/10Bd	(AB)
XPA	9362	31-3	1900	Thu	304 1 07018 00261 59557 ... 50306 63217 05122	MFSK-20/10Bd	(AB)
XPA	11409	2-3	0700	Wed	456 456 456 000 05518 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	11409	5-3	0700	Sat	456 456 456 000 03787 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	11409	9-3	0700	Wed	456 1 02379 00187 48158 ... 25392 56690 35542	MFSK-20/10Bd	(AB/HFD)
XPA	11409	12-3	0700	Sat	456 1 02379 00187 48158 ... 25392 56690 35542	MFSK-20/10Bd	(AB)
XPA	11409	16-3	0700	Wed	456 456 456 000 06127 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	11409	19-3	0700	Sat	456 456 456 000 08994 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	11409	23-3	0700	Wed	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA	11409	26-3	0700	Sat	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA	11409	30-3	0700	Wed	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA	13509	2-3	0720	Wed	456 456 456 000 05518 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	13509	5-3	0720	Sat	456 456 456 000 03787 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	13509	9-3	0720	Wed	456 1 02379 00187 48158 ... 25392 56690 35542	MFSK-20/10Bd	(AB/HFD)
XPA	13509	12-3	0720	Sat	456 1 02379 00187 48158 ... 25392 56690 35542	MFSK-20/10Bd	(AB)
XPA	13509	16-3	0720	Wed	456 456 456 000 06127 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	13509	19-3	0720	Sat	456 456 456 000 08994 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	13509	23-3	0720	Wed	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA	13509	26-3	0720	Sat	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA	13509	30-3	0720	Wed	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA	14609	2-3	0740	Wed	456 456 456 000 05518 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	14609	5-3	0740	Sat	456 456 456 000 03787 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	14609	9-3	0740	Wed	456 1 02379 00187 48158 ... 25392 56690 35542	MFSK-20/10Bd	(AB/HFD)
XPA	14609	12-3	0740	Sat	456 1 02379 00187 48158 ... 25392 56690 35542	MFSK-20/10Bd	(AB)
XPA	14609	16-3	0740	Wed	456 456 456 000 06127 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	14609	19-3	0740	Sat	456 456 456 000 08994 00001 00000 10140	MFSK-20/10Bd	(AB)
XPA	14609	23-3	0740	Wed	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA	14609	26-3	0740	Sat	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA	14609	30-3	0740	Wed	456 1 04775 00175 36827 ... 11134 92754 74351	MFSK-20/10Bd	(AB)
XPA2	13431	4-3	0700	Fri	05274 00117 55906 ... 54717 77242 37050	MFSK-16/20Bd	(AB)
XPA2	13431	8-3	0700	Tue	01141 00001 00000 10140	MFSK-16/20Bd	(AB/HFD)
XPA2	13431	11-3	0700	Fri	02330 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13431	15-3	0700	Tue	09403 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13431	18-3	0700	Fri	00684 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13431	22-3	0700	Tue	05725 00133 02994 ... 53214 89932 41571	MFSK-16/20Bd	(AB)
XPA2	13431	25-3	0700	Fri	05725 00133 02994 ... 53214 89932 41571	MFSK-16/20Bd	(AB)
XPA2	13438	1-3	1540	Tue	Message	MFSK-16/20Bd	(HFD)
XPA2	13438	6-3	1540	Sun	09457 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13438	13-3	1540	Sun	04585 00061 15140 ... 59286 40923 60557	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	15-3	1540	Tue	04585 00061 15140 ... 59286 40923 60557	MFSK-16/20Bd	(AB)
XPA2	13438	20-3	1540	Sun	01003 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13438	22-3	1540	Tue	01007 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	27-3	1540	Sun	04536 00095 61869 ... 18616 23188 51300	MFSK-16/20Bd	(AB/MPJ/VH)
XPA2	13538	1-3	1540	Tue	01127 00089 48085 ... 12490 34820 63305	MFSK-16/20Bd	(AB/MPJ)
XPA2	13956	2-3	0840	Wed	04219 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13956	7-3	0840	Mon	00212 00173 96349 ... 39591 21668 70643	MFSK-16/20Bd	(AB)
XPA2	13956	9-3	0840	Wed	00212 00173 96349 ... 39591 21668 70633	MFSK-16/20Bd	(AB)
XPA2	13956	14-3	0840	Mon	04507 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13956	16-3	0840	Wed	04438 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13956	21-3	0840	Mon	05853 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13956	23-3	0840	Wed	08206 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	13956	28-3	0840	Mon	01614 00085 09808 ... 58854 43858 37157	MFSK-16/20Bd	(AB)
XPA2	13956	30-3	0840	Wed	01614 00085 09808 ... 58854 43858 37156	MFSK-16/20Bd	(AB)
XPA2	14438	1-3	1520	Tue	Message	MFSK-16/20Bd	(HFD)
XPA2	14438	6-3	1520	Sun	09457 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14438	13-3	1520	Sun	04585 00061 15140 ... 59286 40923 60557	MFSK-16/20Bd	(AB/MPJ)
XPA2	14438	15-3	1520	Tue	04585 00061 15140 ... 59286 40923 60557	MFSK-16/20Bd	(AB)
XPA2	14438	20-3	1520	Sun	01003 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)

XPA2	14438	22-3	1520	Tue	01007 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	14438	27-3	1520	Sun	04536 00095 61869 ... 18616 23188 51300	MFSK-16/20Bd	(AB/MPJ/VH)
XPA2	14538	1-3	1520	Tue	01127 00089 48085 ... 12490 34820 63305	MFSK-16/20Bd	(AB/MPJ)
XPA2	14631	4-3	0720	Fri	05274 00117 55906 ... 54717 77242 37050	MFSK-16/20Bd	(AB)
XPA2	14631	8-3	0720	Tue	01141 00001 00000 10140	MFSK-16/20Bd	(AB/HFD)
XPA2	14631	11-3	0720	Fri	02330 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14631	15-3	0720	Tue	09403 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14631	18-3	0720	Fri	00684 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14631	22-3	0720	Tue	05725 00133 02994 ... 53214 89932 41571	MFSK-16/20Bd	(AB)
XPA2	14631	25-3	0720	Fri	05725 00133 02994 ... 53214 89932 41571	MFSK-16/20Bd	(AB)
XPA2	14956	2-3	0820	Wed	04219 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14956	7-3	0820	Mon	00212 00173 96349 ... 39591 21668 70643	MFSK-16/20Bd	(AB)
XPA2	14956	9-3	0820	Wed	00212 00173 96349 ... 39591 21668 70633	MFSK-16/20Bd	(AB)
XPA2	14956	14-3	0820	Mon	04507 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14956	16-3	0820	Wed	04438 00001 00000 10140	MFSK-16/20Bd	(AB/Benka)
XPA2	14956	21-3	0820	Mon	05853 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14956	23-3	0820	Wed	08206 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	14956	28-3	0820	Mon	01614 00085 09808 ... 58854 43858 37157	MFSK-16/20Bd	(AB)
XPA2	14956	30-3	0820	Wed	01614 00085 09808 ... 58854 43858 37156	MFSK-16/20Bd	(AB)
XPA2	15931	4-3	0740	Fri	05274 00117 55906 ... 54717 77242 37050	MFSK-16/20Bd	(AB)
XPA2	15931	8-3	0740	Tue	01141 00001 00000 10140	MFSK-16/20Bd	(AB/F5JBR/HFD)
XPA2	15931	11-3	0740	Fri	02330 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15931	15-3	0740	Tue	09403 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15931	18-3	0740	Fri	00684 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15931	22-3	0740	Tue	05725 00133 02994 ... 53214 89932 41571	MFSK-16/20Bd	(AB)
XPA2	15931	25-3	0740	Fri	05725 00133 02994 ... 53214 89932 41571	MFSK-16/20Bd	(AB)
XPA2	15956	2-3	0800	Wed	04219 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15956	7-3	0800	Mon	00212 00173 96349 ... 39591 21668 70643	MFSK-16/20Bd	(AB)
XPA2	15956	9-3	0800	Wed	00212 00173 96349 ... 39591 21668 70633	MFSK-16/20Bd	(AB)
XPA2	15956	14-3	0800	Mon	04507 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15956	16-3	0800	Wed	04438 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15956	21-3	0800	Mon	05853 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15956	23-3	0800	Wed	08206 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	15956	28-3	0800	Mon	01614 00085 09808 ... 58854 43858 37157	MFSK-16/20Bd	(AB)
XPA2	15956	30-3	0800	Wed	01614 00085 09808 ... 58854 43858 37156	MFSK-16/20Bd	(AB)
XPA2	16138	1-3	1500	Tue	01127 00089 48085 ... 12490 34820 63305	MFSK-16/20Bd	(PW2/HFD/AB/MPJ)
XPA2	16138	6-3	1500	Sun	09457 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	16138	13-3	1500	Sun	04585 00061 15140 ... 59286 40923 60557	MFSK-16/20Bd	(AB)
XPA2	16138	15-3	1500	Tue	04585 00061 15140 ... 59286 40923 60557	MFSK-16/20Bd	(AB)
XPA2	16138	20-3	1500	Sun	01003 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	16138	22-3	1500	Tue	01007 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	16138	27-3	1500	Sun	04536 00095 61869 ... 18616 23188 51300	MFSK-16/20Bd	(AB/MPJ/VH)
XPA2	16212	4-3	1440	Fri	07871 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	16212	5-3	1440	Sat	08521 00001 00000 10140	MFSK-16/20Bd	(AB/HFD)
XPA2	16212	12-3	1440	Sat	06483 00095 33589 ... 35073 66347 42250	MFSK-16/20Bd	(AB/MPJ)
XPA2	16212	18-3	1440	Fri	04301 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	16212	19-3	1440	Sat	03993 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	16212	25-3	1440	Fri	03493 00109 24202 ... 37074 78780 16503	MFSK-16/20Bd	(AB)
XPA2	16212	26-3	1440	Sat	09939 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	17419	4-3	1420	Fri	07871 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	17419	5-3	1420	Sat	08521 00001 00000 10140	MFSK-16/20Bd	(AB/HFD)
XPA2	17419	12-3	1420	Sat	06483 00095 33589 ... 35073 66347 42250	MFSK-16/20Bd	(AB/MPJ)
XPA2	17419	18-3	1420	Fri	04301 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	17419	19-3	1420	Sat	03993 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	17419	25-3	1420	Fri	03493 00109 24202 ... 37074 78780 16503	MFSK-16/20Bd	(AB)
XPA2	17419	26-3	1420	Sat	09939 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	18667	4-3	1400	Fri	07871 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	18667	5-3	1400	Sat	08521 00001 00000 10140	MFSK-16/20Bd	(AB/HFD)
XPA2	18667	12-3	1400	Sat	06483 00095 33589 ... 35073 66347 42250	MFSK-16/20Bd	(AB/MPJ)
XPA2	18667	18-3	1400	Fri	04301 00001 00000 10140	MFSK-16/20Bd	(AB)
XPA2	18667	19-3	1400	Sat	03993 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)
XPA2	18667	25-3	1400	Fri	03493 00109 24202 ... 37074 78780 16503	MFSK-16/20Bd	(AB)
XPA2	18667	26-3	1400	Sat	09939 00001 00000 10140	MFSK-16/20Bd	(AB/MPJ)

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AB-SIB	Ary Boender via remote rx Siberia	MCO	Mike Chace-Ortiz, PA, USA
AnEur	Anonymous Europe	MPJ	Jim, SW England
Benka	Benka	NC-J	Nick Carrigan via remote rx Japan
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BR-HK	Brian Rogers via remote rx Hong Kong	Priyom	Priyom.org
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JPL-Sib	JPL via remote rx Siberia		

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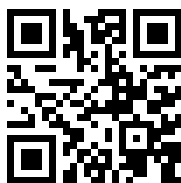
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