

| | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 670 | 27364 | 92836 | 09428 | 61208 | 74982 | 36498 | 32764 | 81276 | 01 |
| 986 | 40932 | 70987 | 32123 | 49817 | 26346 | 81287 | 65491 | 87364 | 81 |
| 721 | 75654 | 55656 | 12737 | 72727 | 72727 | 91918 | 63473 | 67867 | 70 |
| 723 | 87629 | 37677 | 32612 | 53498 | 71296 | 28756 | 18276 | 98716 | 87 |
| 7269 | 76329 | 74698 | 76857 | 98670 | 27601 | 56701 | 57601 | 73648 | 15 |
| 591 | 87364 | 87265 | 96710 | 27630 | 12673 | 84769 | 28743 | 98127 | 50 |
| 58 | 63298 | 75698 | 27465 | 87326 | 49876 | 28376 | 81273 | 98615 | 62 |
| 667 | 87432 | 74328 | 78674 | 29867 | 32867 | 67867 | 86786 | 43286 | 432 |
| 667 | 68768 | 68763 | 34234 | 34238 | 68768 | 62342 | 48273 | 48768 | 234 |
| 936 | 98432 | 32432 | 86743 | 43286 | 43286 | 43286 | 43286 | 43286 | 432 |
| 743 | 86743 | 86743 | 39867 | 32867 | 86743 | 43286 | 43286 | 43243 | 867 |
| 741 | 86743 | 86743 | 86743 | 86743 | 86743 | 86743 | 86743 | 86743 | 435 |
| 543 | 98798 | 98754 | 98754 | 98754 | 98754 | 29867 | 67543 | 67986 | 867 |
| 976 | 87698 | 69876 | 87698 | 69876 | 87612 | 12341 | 34867 | 86798 | 632 |
| 967 | 43298 | 65656 | 56756 | 56123 | 32143 | 14321 | 32143 | 14321 | 321 |
| 971 | 02787 | 58765 | 76587 | 58765 | 76587 | 58765 | 76587 | 58756 | 765 |
| 971 | 75477 | 26547 | 54365 | 36543 | 54365 | 36543 | 54365 | 36543 | 543 |

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #212, May 2015

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.

VOICE STATIONS



E06

14565/16125 kHz, 21-05/22-05, 0500/0600 UTC

460 975 123

36981 66032 20555 17635 41335 54374 36431 74412 44729 32961
55321 88006 55180 31500 48886 07334 45169 27420 54333 43800
73564 99203 59863 92290 59191 38034 81615 09651 42015 97418
30556 42878 92845 85491 92749 24214 57528 29684 71435 75305
46527 68438 64370 87651 05877 49667 74858 71490 30400 40631
79905 90344 05163 78936 03946 23389 86080 19331 71567 22846
55625 55987 37688 58581 14568 24959 18596 67099 95691 16510
72321 47114 10419 51985 01752 68898 64283 04921 78941 89579
02184 71084 14056 91593 69371 17128 17371 86454 99081 62533
27785 51058 62780 74560 06274 88684 43931 80856 17712 31897
21244 29440 49527 29523 72330 50726 40597 84906 33708 01302
18838 37614 78088 94110 70932 05789 94887 44771 92606 31330
84900 88673 92931
975 123 00000

5731 kHz, 22-05, 2130 UTC

315 921 20

14259 22676 32782 32782 76723 89409 12215 74326 64070 90235
38085 59543 12319 74238 36664 12256 18841 73311 98089 12250
921 20 00000



E07

14763/13363/12163 kHz, 03-05/13-05/17-05, 1700/1720/1740 UTC

731 1 252 131

57660 66174 31103 17649 18714 73279 33438 67081 22263 27978
77971 39458 16928 64287 10612 97265 51528 42362 89874 81340
70341 86716 08447 28860 72156 67653 59102 74033 41109 01099
10395 35142 25361 31193 87972 42493 06541 65288 42016 73274
14028 71327 06747 79021 62434 51722 56858 49451 89139 35023
86272 40084 85687 44529 76862 85312 84513 03139 52219 60105
23381 63282 89067 35902 10646 20579 78016 42829 20685 03234
62397 50633 10504 94438 70309 70493 43346 22311 79169 60373
65215 05786 16141 18017 32625 39944 83452 21014 14119 17692
47479 96115 59430 06528 80960 85486 03536 42191 29870 99533
57729 88170 99062 85337 29182 82468 01507 01729 71230 41512
58768 39786 54477 21234 04592 42124 54989 18161 64985 90551
22665 86466 61255 80834 17651 73626 37067 47819 51898 83051
85737
000 000

12177 kHz, 16-05, 0800 UTC

148 1 6785 3753 63
02916 71524 67150 52146 71127 87498 53035 90044 02923 94262
74284 15027 58535 26331 24136 32386 81898 30512 26573 76372
88732 84512 40935 43615 77007 97816 95257 39763 79407 83571
64575 90342 83524 35802 53231 20822 38487 86091 18620 01811
54960 04719 46590 32628 49542 11149 95669 80907 29930 54703
74975 59822 50075 68119 51624 21552 89949 17020 84084 71084
44321 53333 81897
000 000



E07a

9266 kHz, 13-05, 2040 UTC

172 1 67279 1848 57
47281 80025 12640 47168 97458 52900 10749 74531 30327 91910
04167 60277 99043 79778 25303 64594 83050 84864 99079 41128
08165 97703 63931 33471 90589 48081 27419 57623 75845 10494
08513 16030 05233 25079 07075 27668 16803 32591 13637 51774
94299 28616 70054 89615 82504 87218 83573 86130 60866 82970
93528 59025 65015 35060 32821 66015 67445
000 000

12182/11082/10182 kHz, 15-05, 1510/1530/1550 UTC

171 1 67875 3753 63
02916 71524 67150 52146 71127 87498 53035 90044 02923 94262
74284 15027 58535 26331 24136 32386 81898 30512 26573 76372
88732 84512 40935 43615 77007 97816 95257 39763 79407 83571
64575 90342 83524 35802 53231 20822 38487 86091 18620 01811
54960 04719 46590 32628 49542 11149 95669 80907 29930 54703
74975 59822 50075 68119 51624 21552 89949 17020 84084 71084
44321 53333 81897
000 000



E11/ E11a

9130 kHz, 03-05, 2005 UTC

369/34 Attention
61340 72492 45717 90453 08825 31990 13932 10896 27381 54064
43558 24242 19163 43276 02771 11622 34817 55057 15770 53155
67473 43729 51135 15264 54346 36355 66606 89814 02662 64463
28365 62428 40936 55811
Attention, rpt msg, out

12924 kHz, 04-05, 0830 UTC

640/33 Attention
84141 43664 24808 19124 96775 96483 25937 27899 00439 07608
45166 30971 00965 99755 66357 86217 68863 06705 98270 75595
57112 26212 95459 20373 59365 92476 78818 01196 15196 70707
82726 02954 67272
Attention, rpt msg, out

16388 kHz, 08-05, 1110 UTC

952/35 Attention

53561 56608 02011 68825 30399 41452 12499 97767 13904 07760
37276 79171 56057 01894 68249 42158 14046 35455 14599 08871
72695 51411 58075 73075 99965 30716 89042 66877 16286 55525
64032 87452 76671 85005 59036

Attention, rpt msg, out

10487 kHz, 08-05, 1710 UTC, sends 31 groups instead of 30

957/30 Attention

45914 93510 01187 89983 38562 55878 03923 14454 64586 29245
48207 56443 87733 40295 82202 30396 43250 49885 05078 99559
58764 26925 74135 44570 58019 69870 97882 97325 64805 99854
60341

Attention, rpt msg, out

12924 kHz, 11-05, 0825 UTC

i.p. 92638 34178 19986 75793 Attention 28914 59105 49804 76719 9 stopped at 0827 UTC.

This is the message sent by POL-FSK at 0800 UTC and probably a simulcast of the E11a message on 9150 UTC at 0820 UTC.

16388 kHz, 11-05, 1110 UTC

952/40 Attention

44499 02781 07702 52628 85686 38173 29826 44263 76892 64919
49568 57772 03036 42634 34259 99583 44972 30372 96190 31124
47847 05506 87340 09519 67324 45954 21083 45676 34212 11008
03938 53164 30319 37239 87166 33269 17436 50324 93700 70959

Attention, rpt msg, out

10487 kHz, 11-05, 1710 UTC

953/30 Attention

62276 75579 77491 03940 49273 77974 54309 91874 52821 26245
39193 96460 26248 59527 61742 22456 12453 90151 71286 93537
01528 00142 18224 90558 51742 91636 70302 18760 88714 38589

Attention, rpt msg, out

13424 kHz, 12-05/14-05, 0645 UTC

512/32 Attention

28713 87884 83956 47036 03880 98309 54796 39383 10710 70435
81223 12028 82657 83923 93099 89169 70043 97963 10576 85402
48986 34247 72991 73071 05985 29260 18169 17517 59976 73714
99837 61724

Attention, rpt msg, out

9150 kHz, 14-05, 0820 UTC

436/30 Attention

28915 59105 49804 76719 99070 25983 17564 58223 98352 65515
52635 82930 54977 74119 52162 20324 97378 34165 15668 92762
54469 54996 14527 00649 93624 72748 92638 34178 29986 75793

Attention, rpt msg, out

10487 kHz, 15-05, 1710 UTC

955/30 Attention

03876 34704 29750 50974 96952 88912 48564 47718 03827 34754
39000 17734 45654 86274 48831 09164 70196 70957 11622 43089
22365 22851 63208 86777 28414 55486 22790 07230 68898 51520

Attention, rpt msg, out

16388 kHz, 18-05, 1110 UTC

952/35 Attention

54051 00411 37223 60519 52773 74294 23115 90146 34143 37420
01766 89605 57102 61427 90938 81222 17675 38073 64220 33327
78620 58177 56932 24582 64257 39095 51403 93531 54053 77142
83424 45989 60571 57054 19654

Attention, rpt msg, out

10487 kHz, 18-05, 1710 UTC

957/24 Attention

99182 43517 84425 98473 98382 66313 86295 67978 16085 24167
04220 67471 54387 07981 23162 75460 90184 09675 90550 52545
22413 15119 85143 78903

Attention, rpt msg, out

9610 kHz, 20-05, 1045 UTC

464/26 Attention

89086 41982 83329 56839 16302 92266 50679 18119 53618 49117
35664 34841 89704 68142 82910 66136 01638 02629 26142 12947
99992 03303 14067 29624 14274 73672 84443 04894 77695 38991
98911 82660 80385 87323 55124 42935

Attention, rpt msg, out

13427 kHz, 25-05, 0900 UTC

532/32 Attention

46620 37562 50386 02546 33815 68195 54751 32571 15023 61009
67649 93789 26751 49992 93792 77382 18824 72704 31575 71582
69524 29505 94777 53033 87640 33220 32262 25386 41409 66601
56023 24123

Attention, rpt msg, out

10487 kHz, 25-05, 1710 UTC

959/30 Attention

94074 36267 73633 07685 49827 19729 00888 94214 40654 62022
02604 18704 72791 94031 84333 38182 25731 21989 99651 60659
78405 56277 99227 61965 69974 72732 08617 10025 61274 90939

Attention, rpt msg, out

15632 kHz, 26-05/28-05, 0745 UTC

330/32 Attention

45264 66426 03403 29003 65149 81070 79997 20198 89937 12048
50022 71456 69023 22669 49434 52040 06966 01699 05866 94347
14272 16831 66883 08796 79011 33930 03887 59402 20720 09681
25954 86400

Attention, rpt msg, out

13424 kHz, 27-05/28-05, 0545 UTC

340/34 Attention

81889 34271 67033 52262 29390 66201 33467 08906 72393 99118
32712 15821 11861 31593 69606 56457 08197 17986 73827 44533
55250 14409 40830 76305 80779 92883 62443 63587 97779 22448
75932 37980 27748 82126

Attention, rpt msg, out

14975 kHz, 27-05, 0805 UTC

311/35 Attention

35335 05797 29308 02116 16834 20521 48093 68335 37207 06888
87108 85495 82241 90706 79608 77403 19583 08488 83398 54913
85452 78341 92524 92406 28499 87766 20323 60050 35761 84210
64661 85083 83898 42488 87679

Attention, rpt msg, out

13427 kHz, 27-05, 0900 UTC

532/32 Attention

46620 37562 50386 02546 33815 68195 54751 32571 15023 61009
67649 93789 26751 49992 93792 77382 18824 72704 31575 71582
69524 29505 94777 53033 87640 33220 32262 25386 41409 66601
56023 24123

Attention, rpt msg, out

14753 kHz, 28-05, 0710 UTC

636/36 Attention

51105 05382 35713 33746 07575 58267 99508 20642 64777 43764
18292 54336 09300 76842 18466 71284 56398 41740 03463 50700
65974 55854 32415 58014 10838 91252 88074 88649 91005 20235
75558 30432 55247 60893 89858 63434

Attention, rpt msg, out

16388 kHz, 28-05, 1110 UTC

952/31 Attention

11873 46999 36582 00791 64310 88548 39695 94153 71716 56787
74460 17267 15148 16715 65475 91214 06571 57156 63474 22701
72464 55595 36704 48335 66861 05669 00204 05175 77811 54172
12585

Attention, rpt msg, out

8088 kHz, 28-05, 1730 UTC

416/38 Attention

75729 54083 59480 26676 56079 06815 24082 57189 82630 16994
02486 60732 25948 83017 57228 36139 55821 68170 25379 56265
18516 58395 14551 67040 15587 35653 77480 21722 43114 81140
19349 58156 71669 10915 35105 42290 45260 87704

Attention, rpt msg, out

10487 kHz, 29-05, 1710 UTC

953/21 Attention

38500 21319 06237 59208 13097 85206 89551 08929 84666 68215
84055 56597 80481 04460 46247 60444 95430 28267 86070 98178
05012

Attention, rpt msg, out

14518 kHz, 02-05, 1810 UTC

982/10 Attention 90033 46550 95139 51575 74446 45921 74969 98924 81132 78278 Attention, rpt msg, out

14518 kHz, 05-05, 1810 UTC

987/10 Attention 00051 22858 83366 52052 20455 46575 25300 25835 92641 52136 Attention, rpt msg, out

13722 kHz, 09-05, 1400 UTC

981/10 Attention 31418 04021 31698 81602 93693 83705 78749 42634 76132 88306 Attention, rpt msg, out

14769 kHz, 16-05, 0530 UTC

984/10 Attention 34282 82992 80816 04292 26132 51574 78399 61045 24897 57644 Attention, rpt msg, out

14518 kHz, 16-05, 1810 UTC

986/10 Attention 41510 08564 27604 88975 08677 06483 01662 96575 75868 19906 Attention, rpt msg, out

13722 kHz, 19-05, 1400 UTC

983/10 Attention 63945 70704 23335 95545 12722 67277 69631 49190 28180 62719 Attention, rpt msg, out

14518 kHz, 19-05, 1810 UTC

988/10 Attention 75902 03682 38788 51452 33790 81347 18687 31595 52759 93503 Attention, rpt msg, out

13722 kHz, 30-05, 1400 UTC

983/10 Attention 88355 32691 69540 91021 34099 12542 22510 34281 26113 23360 Attention, rpt msg, out



E17z

16780/12850 kHz, 21-05/28-05, 0800/0810

674 283 5 38352 94289 15244 21541 56567 283 5 00000



G06

6887 kHz, 14-05/28-05, 1830 UTC

842 832 20
37839 35787 98273 60187 16202 95625 31691 52538 61225 22567
93296 67423 40968 16801 63781 34820 04842 60491 75924 04594
832 20 00000

5943 kHz, 15-05/29-05, 1930 UTC

218 832 20
37839 35787 98273 60187 16202 95625 31691 52538 61025 22567
93296 67423 40968 16891 63781 34820 04842 60491 75924 04594
832 20 00000



S06

15721 kHz, 20-05, 0400 UTC

480 393 60
86380 66865 84834 94214 62905 20833 35493 22221 39530 52054
07779 92973 81991 18298 60924 29558 25357 68113 28760 31576
94862 38795 28306 11838 68109 61092 02050 01507 69535 75338
17354 40885 93116 88694 71431 98042 64227 28199 75320 82450
76594 69295 15311 45836 65289 44551 15235 87422 01696 62221
48089 05754 21380 89376 70396 64288 20819 79267 77773 62956
393 60 00000

15721 kHz, 21-05, 0400 UTC

480 617 50

38351 51444 56552 22895 96646 90652 87231 29468 95297 12350
35495 57448 07477 29449 76125 06895 39212 75776 71700 32863
51599 60886 65363 02994 17482 97216 35404 64179 23549 54314
85095 85504 53770 19789 66229 69640 15131 71693 59765 49884
91570 92017 62061 15031 37102 75987 50100 29265 44011 16848
617 50 00000

15721 kHz, 27-05, 0400 UTC

480 315 60

87605 34202 97588 88442 46802 56547 07435 59800 71954 12700
83026 26262 18546 75952 45200 38854 50959 89485 91180 65313
90958 52517 44084 31363 92824 39755 68935 94514 81098 33840
53610 42569 11853 75456 78172 34018 43434 60815 21016 22524
27627 41183 75263 32668 57146 04150 73864 79166 30439 41325
46809 46712 19684 32142 58914 72666 52970 98468 01634 99760
315 60 00000



S06c

14924 kHz, 21-05, 1035 UTC: 11201 (R) off at 1042 UTC

14924 kHz, 21-05, 1050 UTC: 11201 (R)



S06s

12952 kHz, 21-05, 0900 UTC, AM

Test tones at 0900. Late start at 0902. Noisy with feedback. Note that the 0900 UTC sked had ID 624. This should have been 167. 6844 kHz had 167 instead. 167 was sent at 0910 UTC. The id was briefly heard between the noise, the message was unreadable. Message at 0900 UTC: 624 931 5 85258 38303 48833 37437 55584 931 5 00000

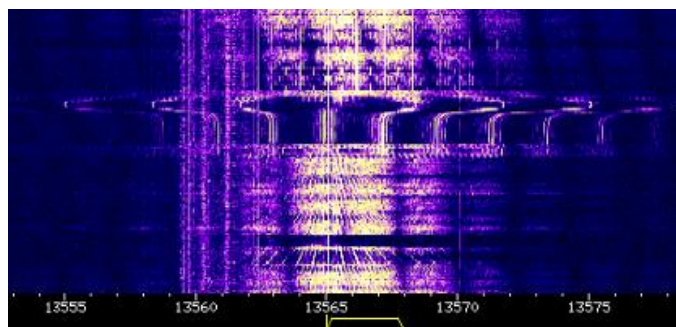
13565 kHz, 21-05, 0910 UTC, AM

Extremely noisy transmitter messed up the message. Carrier up at 0910 UTC, then into a lot of noise. Off at 0918 UTC. The worst case of feedback I have ever heard.

10290/9655 kHz, 22-05, 0920/0930 UTC, AM. Again with mega feedback.

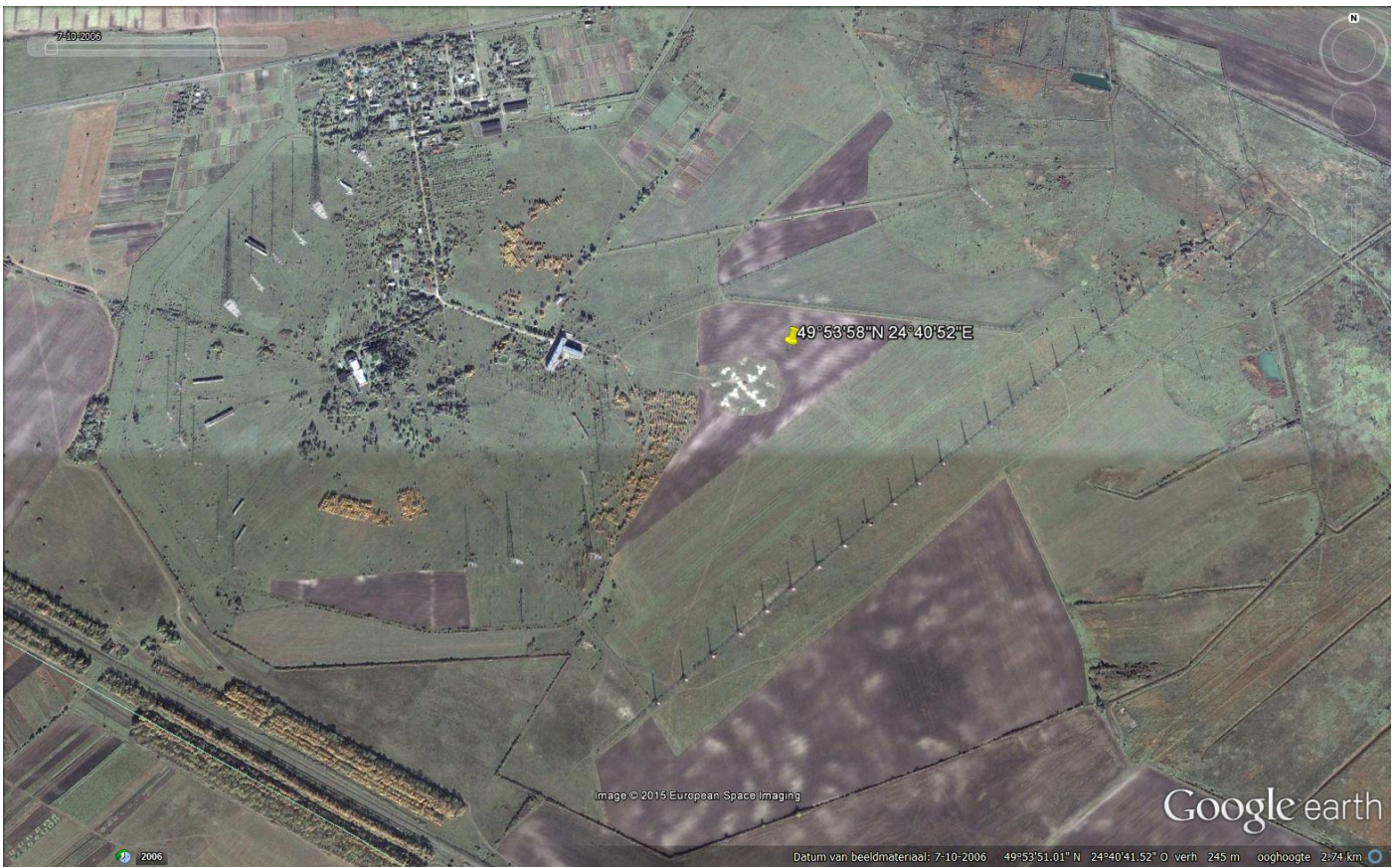
516 243 7 31900 48366 36534 32840 48436 81480 30762 243 7 00000. Again with mega feedback

The recordings are on the N&O website.



Noisy S06s transmitter 13565 kHz (sonogram: Avare)

S06s/E27z uses the old Radio Ukraine International transmitter site in Lviv at 49°53'58.00"N 24°40'52.00"E for its transmissions





S11a

8430 kHz, 08-05, 0915 UTC

484/37 Vnimanie

74863 97273 77630 03075 25948 62528 87041 25906 06732 85570

56802 71637 69622 52816 02891 38334 44359 79441 76406 76906

10749 59438 24600 36879 67634 28008 88032 85065 30159 25234

52389 84075 94622 24554 21186 75431 98454

Vnimanie, rpt msg, konec

11581 kHz, 15-05, 1020 UTC

424/38 Vnimanie

73090 56443 50245 88660 65025 13068 33750 83615 08815 80729
91699 19453 22165 43654 50835 06956 33444 88818 14560 89231
42574 45739 77796 41617 01639 35414 72681 49455 20868 75842
35240 03906 24829 88442 72403 56243 48947 14453

Vnimanie, rpt msg, out

4870 kHz, 15-05, 1955 UTC

372/37 Vnimanie

00763 70970 58830 30174 59394 94758 77418 20696 63184 77095
44926 37406 92940 33832 90002 30155 00950 39878 23553 66444
46168 25095 49222 74851 53442 20090 65668 40047 26948 03561
12295 52482 17071 04596 45929 65966 32341

Vnimanie, rpt msg, konec



S28 - The Buzzer

Mode: USB

Frequency: 3216 & 4625 kHz

| | |
|-----------------|--|
| 04-05, 1030 UTC | MDZhB 69 007 VIKING 3252 1548 |
| 04-05, 1032 UTC | MDZhB 57 512 LIKVYeMIN 9650 4388 |
| 04-05, 1221 UTC | MDZhB 84 548 MIKAROZA 1933 9932 |
| 04-05, 1334 UTC | MDZhB 86 814 KIZYaK 3138 3704 |
| 07-05, 1309 UTC | MDZhB 67 363 NIZKIJ 0171 6479 |
| 07-05, 1358 UTC | MDZhB 21 754 ZIZIFUS 3611 6021 |
| 10-05, 1349 UTC | MDZhB 25 844 LIZIS 2088 3770 |
| 10-05, 1434 UTC | MDZhB 01 465 KIZAR 7348 8726 |
| 11-05, 1132 UTC | MDZhB 25 271 SIZAL' 3567 7945 |
| 11-05, 1350 UTC | MDZhB 72 581 SIDNOKARB 8792 8442 |
| 11-05, 1539 UTC | MDZhB 02 002 SIDNOFYeN 3672 9843 VIDAM 6825 9341 |
| 13-05, 1241 UTC | MDZhB 76 057 SIGUN 1889 2312 TIGRICA 0431 6916 |
| 13-05, 1607 UTC | MDZhB 60 835 BIGOVKA 3221 4908 |
| 13-05, 1241 UTC | MDZhB 76 057 SIGUN 1889 2312 TIGRICA 0431 6916 |
| 13-05, 1617 UTC | MDZhB 60 835 BIGOVKA 3221 4908 |
| 14-05, 0829 UTC | MDZhB 53 632 FIGIT 0938 5499 |
| 14-05, 1023 UTC | MDZhB 36 643 MIGALKA 0182 6348 |
| 14-05, 1034 UTC | MDZhB 15 230 LIGAZ 4970 8333 |
| 14-05, 1520 UTC | MDZhB 14 033 VIVACHYe 7426 9589 |
| 16-05, 1207 UTC | MDZhB 22 166 BIBIKA 5451 8953 DIASPOR 2068 1062 |
| 17-05, 1244 UTC | MDZhB 90 483 DIAPAUZA 4900 5116 |
| 20-05, 1417 UTC | MDZhB 26 051 ChIANURI 4077 2921 |
| 21-05, 0724 UTC | MDZhB 61 954 PIANOLO 7086 7648 |
| 21-05, 0734 UTC | MDZhB 67 574 DIALOMA 3052 5981 |
| 21-05, 1415 UTC | MDZhB 82 725 DIAKARB 2953 5627 |
| 23-05, 1643 UTC | Inaudible. Short breakdown in Kerro transmitter, Naro-Fominsk site can be heard weak |
| 24-05, 1250 UTC | MDZhB 67 952 VIADUK 4146 6706 |
| 24-05, 1337 UTC | Inaudible |
| 28-05, 1403 UTC | MDZhB 68 037 VZYaTOK 5810 7249 |
| 28-05, 1458 UTC | MDZhB 87 014 AZURIJ 3711 0328 |
| 29-05, 1010 UTC | MDZhB 63 493 VZRYShNIK 2205 6941 |



S30 - The Pip

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

3756 kHz, 05-05, 1711 UTC VKY1 HCLF 61HZh ZBIL L7O5 V'Z' NLCE LI27 V2MZ SB7Z
3756 kHz, 06-05, 1816 UTC 5FSShch 8MUO TUZR 5J7Shch DMC3 49FT C2ZA INNC ShchGJP TZLM
3756 kHz, 09-05- 1823 UTC ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS PMV5 L'GJ
5448 kHz, 10-05, 1432 UTC 8S1Shch 37 911 STARICA 2919 6173
3756 kHz, 10-05, 1751 UTC DEAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V
5448 kHz, 11-05, 0513 UTC ZhSK4 HZ5T 5FSShch 8MUO TUZR 5J7Shch DMC3 49FT C2ZA INNC
5448 kHz, 11-05, 1538 UTC 8S1Shch 98 972 DRUZhBA 3282 6623. This keyword was used on S32 2 days earlier
5448 kHz, 11-05, 1605 UTC ShchGJP TZLM FY5E F61N 37CN MUDR 7VNShch Zh7NZh YMA5 VTH3
3756 kHz, 11-05, 1853 UTC AGDT 'U1B OSOG BO6C F56Shch 9GSA ZhBZI 4RVZ 3VS' DKJ1
3756 kHz, 18-05, 1909 UTC M7KS PMV5 L'GJ KZI' TShchShchS VKY1 HCLF 61HZh ZBIL L7O5
3756 kHz, 19-05, 1749 UTC S7ZhG Z'1B CI9V ZhSK4 HZ5T 5FSShch TUZR 5J7Shch DMC3 49FT
3756 kHz, 21-05, 1854 UTC JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V ZhSK4
3756 kHz, 23-05, 1828 UTC 53OB 78MV DEAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG
5448 kHz, 24-05, 1502 UTC 8S1Shch 97 292 BILOS 9757 4111
3756 kHz, 24-05, 1913 UTC YMA5 VTH3 AGDT 'U1B OSOG BO6C F56Shch 9GSA ZhBZU 4RVZ
3756 kHz, 26-05, 1830 UTC FY5E F61N Z7CN MUDR 7VNShch Zh7NZh YMA5 VTH3 AGDT 'U1B
3756 kHz, 27-05, 1750 UTC L7O5 V'Z' NLCE LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CShchJ
5448 kHz, 28-05, 0507 UTC 27Shch' N1DU 53OB 78MV DEAY JH'J 12CI 79AJ ShchT3O CIHS
5448 kHz, 28-05, 1828 UTC 8S1Shch 04 830 PYeRDYuGA 9506 8264
5448 kHz, 28-05, 1450 UTC 8S1Shch 62 847 PRYeGLYaD 9500 2358



S32 - Squeaky Wheel

Mode: USB
Frequencies: 3838 kHz (night), 7009, 5473 kHz (day)

7009 kHz, 04-05, 1338 UTC ALFA-45 98 728 MORONAL 6546 1541
7009 kHz, 05-05, 0553 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 KURGAN-40
7009 kHz, 06-05, 1300 UTC STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39
7009 kHz, 07-05, 1312 UTC ALFA-45 34 009 RUTIL 2122 2042
7009 kHz, 07-05, 1332 UTC STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39 KURGAN-40
7009 kHz, 08-05, 1156 UTC ALFA-45 18 626 PARALIK 5591 0976
7009 kHz, 09-05, 0914 UTC RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLYoR-68
7009 kHz, 09-05, 1148 UTC ALFA-45 29 277 GNIL'Ye 5354 3357
7009 kHz, 09-05, 1157 UTC ALFA-45 07 406 DRUZhBA 9117 5566
7009 kHz, 09-05, 1404 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 KURGAN-40 ZASLONKA-27
7009 kHz, 10-05, 0924 UTC RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07
7009 kHz, 10-05, 1225 UTC ALFA-45 16 450 OTRYePKI 2400 6663
7009 kHz, 10-05, 1328 UTC KURGAN-40 DUBLYoR-68 STUPA-32
7009 kHz, 10-05, 1352 UTC ALFA-45 51 300 ATTYa 1811 4298
7009 kHz, 10-05, 1440 UTC ALFA-45 61 770 RASIST 5377 3519
7009 kHz, 10-05, 1602 UTC STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39
3828 kHz, 10-05, 1846 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 ROSA-64 DZhIGIT-46 OTPOR-89
YaHTA-94 FONTAN-34
7009 kHz, 11-05, 0544 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 KURGAN-40 ZASLONKA-27
7009 kHz, 11-05, 1221 UTC ALFA-45 03 189 HINOLIN 9179 0974
7009 kHz, 11-05, 1352 UTC ALFA-45 46 301 POPIRANIYe 3912 8925
7009 kHz, 11-05, 1357 UTC RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLYoR-68
7009 kHz, 11-05, 1544 UTC ALFA-45 24 014 OFTAL'MIYa 5957 8488
7009 kHz, 12-05, 0945 UTC ROSA-64 DZhIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34
7009 kHz, 13-05, 0933 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 DUBLYoR-68
7009 kHz, 13-05, 1248 UTC ALFA-45 39 886 HABUR 4946 1555

7009 kHz, 14-05, 0829 UTC ALFA-45 87 662 STODOLA 8887 4579

7009 kHz, 14-05, 0854 UTC ROSA-64 DZHIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34

7009 kHz, 15-05, 1458 UTC ALFA-45 29 036 TINAKSIT 5466 3211

7009 kHz, 15-05, 1529 UTC ROSA-64 DZHIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34

7009 kHz, 15-05, 1703 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27

3828 kHz, 15-05, 1935 UTC PYeSOChNYJ-21 ShULER-60 PENZA-07 RUZh'E-26 KURGAN-40 DUBLYoR-68 STUPA-32

7009 kHz, 17-05, 1246 UTC ALFA-45 51 352 TYeLYeSNYJ 0620 7396

7009 kHz, 18-05, 0835 UTC STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39

7009 kHz, 18-05, 1226 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27

7009 kHz, 18-05, 1447 UTC ALFA-45 48 462 LOMShchIK 4429 7778

3828 kHz, 18-05, 2009 UTC ALFA-45 89 032 MARKATO 0834 3797

3828 kHz, 18-05, 2019 UTC ALFA-45 06 641 LUAPULA 4171 8134

3828 kHz, 18-05, 2029 UTC ALFA-45 87 858 KOZONOK 8168 2189

3828 kHz, 18-05, 2049 UTC ROSA-64 DZHIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 KURGAN-40 DUBLYoR-68 STUPA-32

7009 kHz, 19-05, 0557 UTC ROSA-64 DZHIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 STUPA-32

7009 kHz, 19-05, 0923 UTC RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLYoR-68

7009 kHz, 19-05, 1206 UTC ALFA-45 59 501 DITOKS 8292 2200

7009 kHz, 19-05, 1302 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 KURGAN-40

7009 kHz, 19-05, 1313 UTC ALFA-45 48 123 STRUKTURA 0616 2294

7009 kHz, 20-05, 0633 UTC ALFA-45 79 130 BARAKChAN 4562 6658

7009 kHz, 20-05, 0804 UTC ALFA-45 31 037 KALYaGA 7924 4538

7009 kHz, 20-05, 0812 UTC ALFA-45 95 402 BILYeJ 6896 6249

7009 kHz, 20-05, 1334 UTC RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07

7009 kHz, 20-05, 1426 UTC ALFA-45 55 524 KOSTOLOMKA 1859 1623

7009 kHz, 20-05, 1506 UTC ALFA-45 89 086 LIZIMAHIIYa 9487 2386

3828 kHz, 20-05, 1902 UTC STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39

7009 kHz, 21-05, 0548 UTC SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 KURGAN-40

7009 kHz, 21-05, 0732 UTC ALFA-45 78 184 LAKIROVShchIK 8497 7768

7009 kHz, 21-05, 0736 UTC ALFA-45 76 637 VITAL'FA 8286 2177

7009 kHz, 21-05, 1407 UTC ALFA-45 89 270 OBLUPA 0235 6395

7009 kHz, 21-05, 1414 UTC ROSA-64 DZHIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 STUPA-32

7009 kHz, 21-05, 1752 UTC ALFA-45 78 038 SFYeROID 6229 5811

7009 kHz, 22-05, 0753 UTC ALFA-45 94 577 KURIYa 3215 4545

7009 kHz, 22-05, 0837 UTC RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLYoR-68

7009 kHz, 22-05, 0857 UTC ALFA-45 77 276 MILOS 5048 4644

7009 kHz, 22-05, 1114 UTC ALFA-45 83 026 POLUMYeTAL 7171 5653

7009 kHz, 22-05, 1907 UTC STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39 KURGAN-40 SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27

7009 kHz, 23-05, 1025 UTC ALFA-45 53 527 BAJKALIYa 0187 6322

7009 kHz, 23-05, 1209 UTC ALFA-45 01 448 IZMENSChIK 8241 3683

7009 kHz, 23-05, 1248 UTC YaHTA-94 FONTAN-34 STUPA-32 RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLYoR-68

7009 kHz, 24-05, 1254 UTC ALFA-45 62 687 KAGLYSAL 6074 6179

7009 kHz, 24-05, 1409 UTC LANDYSh-74 NYeVKA-26 DZHIGIT-46 PYeSOChNYJ-21 KURGAN-40

7009 kHz, 24-05, 1505 UTC ALFA-45 57 974 HUNGARA 9038 3532

7009 kHz, 24-05, 1624 UTC ALFA-45 71 372 PARABYeL' 4546 9337

7009 kHz, 25-05, 0531 UTC ALEUT-09 UTYoS-94 KOVBOJ-39 YaHTA-94 PENZA-07 FONTAN-34 ZASLONKA-27

7009 kHz, 25-05, 1000 UTC STUPA-32 STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 LANDYSh-74

7009 kHz, 25-05, 1026 UTC LANDYSh-74 NYeVKA-26 DZHIGIT-46 PYeSOChNYJ-21 KURGAN-40

7009 kHz, 26-05, 1325 UTC SLIVA-94 STOROZh-62 ROSA-64 RUZh'E-26 BIZON-64

3828 kHz, 26-05, 1025 UTC ALEUT-09 UTYoS-94 KOVBOJ-39 YaHTA-94 PYeNZA-07 STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68

7009 kHz, 27-05, 0733 UTC STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 ZASLONKA-27 STUPA-32 FONTAN-34

3828 kHz, 27-05, 1844 UTC LANDYSh-74 NYeVKA-26 DZHIGIT-46 PYeSOChNYJ-21 KURGAN-40 SLIVA-94 RUZh'E-26

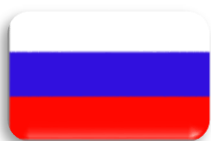
7009 kHz, 28-05, 1406 UTC ALFA-45 83 566 OBOYuDNYJ 4655 4189

7009 kHz, 28-05, 1504 UTC ALFA-45 90 819 BOTROLIT 4786 3286

7009 kHz, 28-05, 1629 UTC STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 FONTAN-34 LANDYSh-74 NYeVKA-26 DZHIGIT-46 PYeSOChNYJ-21 KURGAN-40

5473 kHz, 28-05, 1629 UTC STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 FONTAN-34 LANDYSh-74 NYeVKA-26 DZHIGIT-46 PYeSOChNYJ-21 KURGAN-40

7009 kHz, 29-05, 1117 UTC LANDYSh-74 NYeVKA-26 DZhIGIT-46 PYeSOChNYJ-21 KURGAN-40 SLIVA-94 RUZh'E-26
7009 kHz, 29-05, 1816 UTC ALFA-45 91 391 FYeLLO 7908 2372
5473 kHz, 29-05, 1816 UTC ALFA-45 91 391 FYeLLO 7908 2372
7009 kHz, 30-05, 1046 UTC ALFA-45 10 245 BISYeRShchIK 1918 1574



S5292

Frequency: 5252 kHz USB

12-05, 1932 UTC Buzzer-marker
19-05, 0757 UTC FAZAN-37 67 482 RAZGON 2819 5839
22-05, 1330 UTC FAZAN-37 36 982 BIOLOG 4326 9675



V02a

Dirección General de Inteligencia

7554 kHz, 28-05, 2001 UTC: YL/SS with 5FGs in LSB. Should be M08a at this time. Probably a mistake.



V13 - New Star Broadcasting Station

星星廣播電台 Xīngxīng guǎngbò diàntái

Frequencies: 7654, 7688, 8300, 9276, 9522, 9725, 10182, 10522, 11430, 13750, 15388 kHz

Partly unconfirmed new schedules. Please let us know if you hear the station.

| | | | | | |
|-----------|---------------|------------|-----------|---------------|------------|
| 15388 kHz | 0200-0230 UTC | New Star 1 | 11430 kHz | 0700-0730 UTC | New Star 4 |
| 15388 kHz | 0300-0330 UTC | New Star 1 | 11430 kHz | 0800-0830 UTC | New Star 4 |
| 15388 kHz | 0400-0430 UTC | New Star 2 | 7502 kHz | 1200-1230 UTC | New Star 4 |
| 11430 kHz | 0500-0530 UTC | New Star 3 | 7502 kHz | 1300-1330 UTC | New Star 4 |
| 11430 kHz | 0600-0630 UTC | New Star 3 | | | |

Logs:

15388 kHz, 30-05, 0800 UTC

15388 kHz, 31-05, 0706 UTC



V21

Cuban Babbler

Heard on 5637 kHz, 15-05, 0030 UTC



V24

Heard on:

5715 kHz, 02-05, 1330 UTC
 5715 kHz, 03-05, 1330 UTC
 4900 kHz, 03-05, 1500 UTC
 5715 kHz, 04-05, 1328 UTC



VC01 - Chinese Robot Chinese Air Defense

Modes: USB and LSB

The station changes its frequencies frequently. Known frequencies:

3036, 3749, 3837, 4075, 4140, 4165, 4175, 4180, 4258, 4343, 4410, 4422, 4427, 4480, 4530, 4580, 4726.5, 5114, 5195, 5232, 5288, 5303, 5328, 5330, 5343, 5393, 5461, 5466, 5471, 5592, 5700, 5740, 5742, 5799, 5802, 5820, 5832, 5892, 6209, 6479, 6771, 6840, 6858, 6860, 6949, 6960, 7090, 7351, 7608, 7684, 7726, 7739, 7744, 7756, 7770, 7792, 7864, 7865, 7880, 7890, 7924, 7938, 8000, 8025, 8046, 8170, 8346, 8779, 9000, 9129, 9169, 9192, 9290, 9340, 10508, 17392 kHz.

Logs:

8046 kHz, 25-05, 1919 UTC
 Also heard on 5461 kHz LSB and 5466 kHz USB

MORSE STATIONS



MX Russian Military beacons

Current cluster frequencies:

3594, 4558, 5154, 7039/7508, 8495, 10872, 13528, 16332, 20048 kHz

Other frequencies:

L 6917.5, 8497.8 kHz
 V 3658, 4150, 6809, 6928, 7027.5 kHz
 R 5466 kHz
 W, R, N, G, C, K, Z, L, V, Ü 5620, 5835, 8029, 8112, 8162, 8895 kHz (Tu-Bear net)

Cluster beacon slots:

.7 "D", Sevastopol
 .8 "P", Kaliningrad
 .9 "S", Severomorsk
 .0 "C", Moscow
 .1 "A", Astrakhan
 .2 "F", Vladivostok
 .3 "K", Petropavlovsk Kamchatskiy
 .4 "M", Magadan

The Russians are using new cluster beacon freqs: 7508.7 D, 7508.9 S, 7509.0 C, replacing the 7039 kHz cluster. The beacons M and F are however still on respectively 7039.4 and 7039.2 kHz.



M01b

5075/5465 kHz, 15-05, 1902 UTC

336 159 38 =
65727 36522 31847 59259 25310 91866 23421 01069 26086 46894
86025 86423 96574 40460 34002 00467 62773 69028 53738 03382
69828 49124 62754 03121 40131 27335 33387 21836 86724 25957
14752 95200 28549 13387 32196 62002 12569 73149 =
159 38 000



M03

7727 kHz, 13-05, 1320 UTC

540/37 = =
60598 81989 68883 75429 04173 22165 35042 03776 46067 69878
90063 51605 48670 51905 16880 80732 69509 37775 57781 55045
02511 80018 02058 80123 74080 12139 71758 46192 42543 46563
33050 73813 51106 68665 81216 66765 11742 =
540/37 = = repeat msg = 000

7837 kHz, 21-05/25-05, 1320 UTC

435/38 = =
94181 36974 45579 21958 73302 55493 77417 70448 88549 64516
40895 92829 78648 95886 89101 99166 68676 55095 60039 93345
93015 31575 09256 79782 24386 60945 79541 44963 48310 42830
75563 69370 59651 41786 03120 56558 50536 69013 =
435/38 = = repeat msg = 000



M14

18041 kHz, 26-05, 0500 UTC

952 718 718 60 60 = =
76722 76722 88650 88650 57571 57571 62958 62958 76722 76722
47095 47095 72894 72894 29333 29333 48984 48984 60608 60608
41079 41079 57650 57650 48904 48904 58818 58818 59839 59839
63345 63345 03542 03542 96519 96519 37891 37891 38716 38716
92977 92977 41465 41465 27246 27246 85094 85094 05230 05230
01610 01610 25906 25906 95114 95114 91550 91550 92047 92047
42783 42783 46017 46017 76601 76601 59720 59720 49618 49618
89929 89929 53605 53605 23257 23257 08873 08873 52049 52049
09035 09035 24205 24205 04088 04088 72041 72041 26536 26536
71079 71079 00269 00269 05055 05055 64477 64477 65140 65140
14815 14815 97872 97872 46816 46816 58668 58668 84398 84398
44505 44505 60363 60363 30440 30440 46554 46554 49798 49798
= = 718 718 60 60 00000



M51 / FAV22 **8^{ème} Régiment de** **Transmission**

We received a note from Daniel (Danix) about M51's behaviour. He writes the following:

Interestingly as of late they've been making use of long unused channels, which also includes 9057 kHz from the May 19th/20th TX.

The M51 machine has a new feature that occurs at local midnight (2200 UTC). It sends a long tone. The recording speaks for itself: <http://pchq.danix111.com/lo151beep.ogg>

Something has changed at CNMO TSR. They seem to have replaced their CW machine with what appears to be a software-based solution. The +50±20 Hz offset on the Morse is gone.

I listened to today's FAV22 training broadcast (May 22nd) at 1129 UTC. I was very surprised to hear that instead of BT and AR as separate letters, they now emit the actual respective prosigns. There also were other changes:

- *Right after the "VVV VVV VVV DE FAV22 FAV22 FAV22" callup they sent the date and the time: "VENDREDI 22 MAI 2015 11:29 Z"*
- *Lesson number is now preceded by "NUMÉRO", headers are otherwise of the same format as before*

When FAV22 is not up, they are sending randomly chosen FAV22 codé messages without any preambles and separation other than a slightly longer pause. Sometimes they stop for a minute or two, only to restart. I think this is testing of the new system.



M89 **Chinese military**

Stations and strings:

V A7TR A7TR A7TR DE DI9Q DI9Q
 V 5RAB 5RAB 5RAB DE M9AB M9AB
 V 7NPE 7NPE 7NPE DE QV5B QV5B
 V 6TRW 6TRW 6TRW DE J9NS J9NS
 V 7NPE 7NPE 7NPE DE QV5R QV5R (faulty transmission)
 V 8CPZ 8CPZ 8CPZ DE XW6W XW6W
 V 8DKB 8DKB 8DKB DE ODY8 ODY8
 V 8PEX 8PEX 8PEX DE T15F T15F
 V BNGC BNGC BNGC DE XSV85 XSV85
 V BIQ9 BIQ9 BIQ9 DE ISL2 ISL2
 V BRH0 BRH0 BRH0 DE 8NGG 8NGG
 V B9SR B9SR B9SR DE AL6R AL6R
 V CQ CQ CQ DE DP91 DP91
 V CQ CQ CQ DE DP0491 DP0491
 V DKG6 DKG6 DKG6 DE 3A7D 3A7D
 V DKSL DKSL DKSL DE ALSK ALSK
 V DKIL DKIL DKIL DE ALSK ALSK (faulty transmission)
 V DP9J DP9J DP9J DE CQ CQ
 V E10B E10B E10B DE JHG2 JHG2
 V GKLO GKLO GKLO DE TYUI TYUI
 V GKN7 GKN7 HKN7 DE F3J5 F3J5
 V H2FL H2FL H2FL DE DRV8 DRV8
 V JKDJ JKDJ JKDJ DE SLBC SLBC
 V M8JF M8JF M8JF DE RIS9 RIS9
 V MW3D MW3D MW3D DE 2SLC 2SLC

V N4FM5 N4FM5 N4FM5 DE NAT491 NAT491
 V PGG9 PGG9 PGG9 DE MI6Y MI6Y
 V RA5J RA5J RA5J DE BP2S BP2S
 V RXP7 RXP7 RXP7 DE CZT2 CZT2
 V S2LZ S2LZ S2LZ DE YBA6YBA6
 V SR3H SR3H SR3H DE FGH8 FGH8
 V SXL6 SXL6 SXL6 DE 9QFZ 9QFZ
 V TKLO TKLO THLO DE TYUI TYUI
 V TY9D TY9D TY9D DE EOX2 EPX2
 V VTX7 VTX7 VTX7 DE TZ7B TZ7B
 V VXL1 VXL1 VXL1 DE XIW2 XIW2
 V WZG6 WZG6 WZG6 DE 4VTG 4VTG
 V YUQW YUQW YUOQ DE ASDF ASDF
 V ZRM7 ZRM7 ZRM7 DE LCM0 LCM0
 V N4FM5 N4FM5 N4FM5 DE DUT491 DUT491
 V Q5U8 Q5U8 Q5U8 DE 8QPP 8QPP
 V QHV8 QHV8 QHV8 DE 8QPP 8QPP
 VVV Q2M Q2M Q2M DE NYZ NYZ
 V DKSL DKSL DKSL DE ALSK ALSK
 V 3A3J 3A3J 3A3J DE B4ZJ B4ZJ
 V HER6 HER6 HER6 DE WU6L WU6L
 V BR3S BR3S BR3S DE JU9D JU9D
 V DGG6 DGG6 DGG6 DE 3A7D 3A7D (faulty ?)
 V TY9D TY9D TY9D DE EPX2 EPX2
 KDJY DE BEKJ

Messages:

14560 kHz, 03-05, 1111 UTC

N475 U7TU 3565 U7TU NDU6 U77A TND5 (Cont'd)
AR QSL ? K
R U 7G GA K
R AS
R RPT 38W K
R RPT 40W K
R QSL 1925 K
R HR WK NR 0015 K
R NIL SK

3521 kHz, 08-05, 2041 UTC

RMKS CQ =
MSG NR MSG NR 1574 CK 61 051609 0430 = RMKS CQ =
U BT
.7DU AU.N 6UT4 DTNU N.3D 5NAD ..4U UN3. A45 (Cont'd)
AR AR AR
E3S. K K
E3SB K K
ON.9 ONC9
WK OK
KP R4CK F4CY K K
R4CY F4CY K K K

4269 kHz, 10-05, 2002 UTC

MSG GA
NR 263 CK 111 57 0511 0330 RMKS 2410 TO 2090 K = = =
7U4A 6435 7DA5 D743 573T 5DN4 35NN 64UT TT3T TTTD (Cont'd)
AR K
NPT K
RPT K
R BT 65U4 65U4 AR K
BT ATD6 ATD6 K
RPT
= 5AU4 5AU4 AR = K
= 567D 567D AR K
R R

5180 kHz, 10-05, 2013 UTC

7T65 3466 5AU3 37TA 6T3D DT6N UN6D (Cont'd)
III = UN74 376D DT3N D.3N D6NT 3NNU 54TD 5D3A TA64 TTU6 (Cont'd)
III = UAD6 D4NA 7NT4 A4AU N5A3 33NU 67UN 3N5A TA64 TTU7 (Cont'd)

7602 kHz, 10-05, 1537 UTC

5132 RMKS 512 TO 6790 6240 5180 5160 =
SVC GR W 6792 6242 5182 QAW L161000 XP5130 AR
QSL ? HR WK NR 28
V DKG6 DE 3A7D

3786 kHz, 15-05, 1610 UTC

0009 = F6J/M1D AR
NR 1350/EX 0009 = F6J/M1D AR
QSY 04 QSY 04 QSY 04 VV

4522 kHz, 15-05, 1615 UTC

RPT 49W K
R RPT 49W 7456 7456 K
R QSL 0010 K
R HR WK NR .028 K
R HR WK NR 0111 K
R NIL SK
R HR NIL SK

4673 kHz, 15-05, 1656 UTC

AR K
R RPT 03W = TAND TAND AR K
NR NR 3736 376 EEEE
3730 374 .OK K
KP
SK SK SK

5378 kHz, 15-05, 1704 UTC

R R .IEC = = DKFL DKFL K AR
9 REE HR WK NR SHWK NR 51273424 5127 3424 K
R OK GA GA
OK GA GA

5635 kHz, 15-05, 1710 UTC

6NDT 475N AU34
AR K
R NPT K
R 01W TO 03W = = A5D6 43U6 35AT A5D6 43U6 35AT AR K K
R GA GA
R 7G GA CY K K
R 7G GA 7G GA CY K K
7G GA CY 7G GA CY K K
7G GA CY 7G GA CY K K
7G GA CY K K
7G GA CY K
7G GA CY K K
7E 7G GA CY K

5500 kHz, 17-05, 2007 UTC

1294/8698
7G 05/CCK CK 25 37 0518 0505 RMKS 8738 TO
1886/1541/1606/1363/1843/1348/1294/8698 K
GA = =
3TU6 D63A DTN7 7T3N 4D3U 673A D6A4 6NN6 TA7N TTUA
DTA5 DA64 NTTA D636 N5T4 N5T3 UN45 4A7T 3TTN DUT6
7T5A 76T7 N75D 7TD4 5TNU AR

8000 kHz, 17-05, 1252 UTC

R QSA 2 QSA ? K
R GA K
QSA 2 R HR QSA EEEEE R
HR F GA K
VV 2E5R 2E5I EEEEE
VV 2EEEEEEEE
VV 2E5R 2E5R QSA 2 QSA ? K
R VV SS4 64 64 R .. F NR NR
VV 2E5R 2E5R DE XD6E XD6E QSA 2 QSA ?
HR F GA
AGN AGN AGN AR K
VV VV VV
VV 2E5R 2E4R DE XD6E EEEEE
HR MSG GA NR 001/CCK CK EEEEE

3777//4532 kHz, 18-05, 1425 UTC

/18/2255/461/.44/69 AR
UGT COMM = .19/299. /24. /05/18..255/461/././69 AR
UGT COMM = 719/299. /24. /05/1. /2255/.6. /./44/69 AR

5417 kHz, 18-05, 1717 UTC

AR K
R RPT 01W = A56U AR K
R RPT 01W = A56U AR K
R R OK U 7G GA K (Other station found on 5452)
7G GA CY K
R R 7G NR 7040 CK 71 75 0519 0100 RMKS 1843652 TO 1843658 =
A47D D7TU 43DA D6AU U4A5 4DTN 357U 46DT 3U56 3TUN T573
AR K
R RPT 33W = 6T5N AR K
R

5452 kHz, 18-05, 1720 UTC

NR 1100 CK 61 42 0519 0100 RMKS 1843658 TO 1843652 AR K
OK =
A3DT U7D4 A56T 64NT 5A67 357U 65A7 U356 5DAN TU3D
AR AR K
RPT 50W == TADA TADA AR K
RPT 52W RPT 5W == 6DUN 6DUN AR = K
OK GA (Other station found on 5417)
USB USB USB (Switched to USB Voice)

5396 kHz, 18-05, 1711 UTC

AUT3 U4AD 4A5N 3UAT
AR K
RPT 1W = 47TA AR K
R U 7G GA K

7788 kHz, 18-05, 1437 UTC

R5D CQ I EEEEE
7G NR 15
7G/155
7G NR 153/CCK CK 199 03 0518 2000 R59 CQ
E E E E AU
7G NR 15GI 1234567.NT
EEEE HEEEEEEEEEEEE
7G NR 153

7631 kHz, 19-05, 0218 UTC

3DN4 TN45 743N UDT4 34T7 (Cont)
AR QSL ? K
R
AGN AGN
R HR WK NR CJ/57 K
R



UM01 **Unid CQ station**

3580 kHz, location: Siberia

| | | |
|---------------------------------|---------------------------------|-----------------------------------|
| 01-05, 1000 UTC: CQ P 9 | 04-05, 2042 UTC: CQ P 10 | 16-05, various times. Not heard |
| 01-05, 1042 UTC: CQ P 6 | 05-05, 0057 UTC: CQ P 9 | 17-05, 1247 UTC: CQ P 19 |
| (Transitioning between 5 and 6) | 05-05, 0107 UTC: CQ P 10 | 17-05, 1313 UTC: CQ P 18 |
| 01-05, 2043 UTC: CQ P 5 | 06-05, various times. Not heard | 17-05, 1247 UTC: CQ P 18 |
| 02-05, 0144 UTC: CQ P 6 | 07-05, various times. Not heard | 17-05, 1247 UTC: CQ P 17 |
| 02-05, 0210 UTC: CQ P 7 | 08-05, 0943 UTC: CQ P 16 | 18-05, 1546 UTC: CQ P 16 |
| 03-05, 1058 UTC: CQ P 12 | 08-05, 1347 UTC: CQ P 17 | 18-05, 1708 UTC: CQ P 16 |
| 03-05, 1126 UTC: CQ P 11 | 08-05, 1414 UTC: CQ P 16 | 18-05, 2341 UTC: CQ P 13 |
| 03-05, 1350 UTC: CQ P 11 | 08-05. Not heard after 1414 UTC | 19-05, 1540 UTC: CQ P 20 |
| 03-05, 1939 UTC: CQ P 6 | 09-05. Not heard till 2102 UTC | 26-05, 2346 UTC: CQ P 12 |
| 03-05, 2155 UTC: CQ P 5 | 09-05, 2102 UTC: CQ P 17 | (transitioning between 12 and 11) |
| 03-05, 2342 UTC: CQ P 5 | 10-05, 0132 UTC: CQ P 17 | 26-05, 2346 UTC: CQ P 11 |
| 04-05, 0233 UTC: CQ P 8 | 10-05, various times. Not heard | 27-05, 0214 UTC: CQ P 13 |
| 04-05, 1235 UTC: CQ 15 | 12-05, 0955 UTC: CQ P 13 | |
| 04-05, 1330 UTC: CQ P 15 | 15-05, various times. Not heard | |



UM10 **Unid 10-minutes net**

3314 kHz, 04-05, 2044 UTC: S3DN
3568 kHz, 05-05, 2051 UTC: NZO6 //4064 kHz
3568 kHz, 10-05, 1857 UTC: NZO6 //4064 kHz
3568 kHz, 15-05, 1652 UTC: NZO6 //4064 kHz
3568 kHz, 17-05, 1955 UTC: NZO6 //4064 kHz
3568 kHz, 29-05, 1529 UTC: NZO6

VARIOUS MODES



HM01 **Dirección General de Inteligencia**

The usual bloopers were noticed during various transmissions. See the Logs Section for all the logs.



HM02

I received the following note from ENIGMA's Brian Rogers.

Following Jim's (JkC) discovery of a daily sched in late April on 7531kHz, transmitting FSK & Morse we have allocated a new designation of HM02 to this station. It is early days & the station is under investigation, but he have produced a profile for the station— which may change in the future. The details are below.

HM02 Assigned 01 May 2015

Hybrid mixed-mode station - possibly variant of Russian Family 1. Consists of FSK transmission followed by a Morse message. A carrier is present on frequency for some time prior to the FSK transmission & has also been reported after the Morse. Uses a single = as separator throughout the message (An unusual feature). Station is currently under investigation - Definition may change.

Current Schedule: At time of writing April / Early May 2015 7351kHz between 0500 - 0600z No fixed time Daily

Morse Format Auto-sent 5 fig Single Grps Using short zero Ends with **three long dashes**

3fig call (x1) DK GC (x1) =

(5fig single grp msg) =

= DK GC

(Pause 10 --30 secs)

DK GC =

(Repeat of msg)

DK GC 0 0 0

HM02 logs:

7351 kHz, 08-05, 0515 UTC. I missed the callup sequence

999 867 31 =

83117 64559 46942 56090 43476 21873 52346 94071 39185 78693

02182 44787 07191 23924 19118 73353 46062 96033 04255 74382

65464 43275 63330 05140 78579 01708 30182 76070 64682 81809

23860 =

867 31 867 31 =

83117 64559 46942 56090 43476 21873 52346 94071 39185 78693

02182 44787 07191 23924 19118 73353 46062 96033 04255 74382

65464 43275 63330 05140 78579 01708 30182 76070 64682 81809

23860 =

867 31 000

7351 kHz, 10-05, 0540 UTC

999 329 29 =
02286 97569 76789 44727 77771 92262 75671 35566 68909 34055
08148 19667 37756 90875 89178 75283 26655 09979 54097 47581
60346 25481 76882 95991 78273 67897 94225 36505 75820 =
329 29 329 29 =
02286 97569 76789 44727 77771 92262 75671 35566 68909 34055
08148 19667 37756 90875 89178 75283 26655 09979 54097 47581
60346 25481 76882 95991 78273 67897 94225 36505 75820 =
329 29 000

7351 kHz, 11-05, 0540 UTC

999 146 29 =
57836 55344 40358 79227 92362 05495 90088 95171 16116 74646
91428 11965 88601 54495 56936 29599 49984 41426 17181 80558
73069 16085 10103 69538 53584 01302 97715 35535 96653 =
146 29 146 29 =
57836 55344 40358 79227 92362 05495 90088 95171 16116 74646
91428 11965 88601 54495 56936 29599 49984 41426 17181 80558
73069 16085 10173 69538 53584 01302 97715 35535 96653 =
146 29 000

7351 kHz, 12-05, 0540 UTC

999 497 28 =
35884 90810 54941 75885 93257 94794 00035 14736 49805 37729
03858 55498 66958 73727 29155 27821 03238 41462 32047 75017
66536 96914 75090 69170 54293 17515 67491 76125 =
497 28 497 28 =
35884 90810 54941 75885 93257 95794 00035 14736 49805 37729
03858 55498 66958 73727 29155 27821 03238 41462 32047 75017
66536 96914 75090 69170 54293 17515 67491 76125 =
497 28 000

7351 kHz, 13-05, 0540 UTC

999 521 30 =
01118 99238 34749 84834 02716 77613 26400 21851 65786 06708
17217 42348 55867 70545 72681 80363 46223 76348 10232 18931
86122 62368 72555 18124 26353 76266 87155 49032 51143 85498 =
521 30 521 30 =
01118 99238 34749 84834 02716 77613 26400 21851 65786 06708
17217 42348 55867 70545 72681 80363 46223 76348 10232 18931
86122 62368 72555 18124 26343 76266 87155 49032 51143 85498 =
521 30 000

7351 kHz, 14-05, 0540 UTC

999 765 30 =
46103 77661 01170 10484 76766 28696 94913 56457 07357 13794
94434 33975 95557 91539 62499 65583 78079 73918 79853 22236
14981 69695 80567 15551 82162 19519 93490 61038 20350 33652 =
765 30 765 30 =
46103 77661 01170 10484 76766 28696 94913 56457 07357 13794
94434 33975 95557 91539 62499 65803 78079 73918 79853 22236
14981 69695 80567 15551 82162 19519 93490 61038 20350 33652 =
765 30 000

Not heard after 14 May.

M42 & X06



Modes:

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

Russian Government & Intelligence



M42c – FSK 200/500

| | |
|--|----------------------------|
| 15804/13510/11129 kHz, 02-05, 1810/1820/1830 UTC | RYYRY 00000+++++++162)5761 |
| 15804/13510/11129 kHz, 07-05, 1810/1820/1830 UTC | RYYRY 00000+++++++162)5761 |
| 15804/13510/11129 kHz, 09-05, 1810/1820/1830 UTC | RYYRY 00000+++++++162)5761 |
| 10765/8116/5785 kHz, 14-05, 1900/1910/1920 UTC | RYYRY 00000+++++++162)5761 |
| 10765/8116/5785 kHz, 21-05, 1900/1910/1920 UTC | RYYRY 00000+++++++162)5761 |
| 17429/15825/13374 kHz, 23-05, 1200/1210/1220 UTC | RYYRY 00000+++++++162)5761 |
| 15804/13510/11129 kHz, 23-05, 1810/1820/1830 UTC | RYYRY 00000+++++++162)5761 |
| 10765/8116/5785 kHz, 28-05, 1900/1910/1920 UTC | RYYRY 00000+++++++162)5761 |
| 17429/15825/13374 kHz, 30-05, 1200/1210/1220 UTC | RYYRY 00000+++++++162)5761 |

M42d – FSK 200/1000

11161/9269 kHz, 01-05, 0700/0710 UTC

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

Block No 1 : Link ID 45136 : 1st of month : Msg Number 162 : Msg Type 07145 : Group Count (?) 4
32620 00000 00000 03994 55182 34911 00893 09725

19137/16352/14611 kHz, 02-05, 1100/1110/1120 UTC

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

Block No 1 : Link ID 36882 : 29th of month : Msg Number 032 : Msg Type 07145 : Group Count (?) 74
15661 11362 26675 15868 31234 36107 13108 40646

11161/9269/7530 kHz, 03-05, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45136 : 30th of month : Msg Number 225 : Msg Type 07145 : Group Count (?) 255
43317 04326 26050 26785 58024 00568 57042 04750

11161/9269/7530 kHz, 06-05, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45136 : 5th of month : Msg Number 232 : Msg Type 07145 : Group Count (?) 253
64844 23601 49706 04993 58024 33067 01650 32415

17428/15812/13485 kHz, 06-05, 1230/1240/1250 UTC

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

Block No 1 : Link ID 53277 : 6th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 03177 15966 35272 00893 36360

15812/13409/11144 kHz, 07-05, 1330/1340/1350 UTC

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

Block No 1 : Link ID 49237 : 7th of month : Msg Number 015 : Msg Type 07145 : Group Count (?) 4
59148 00000 00000 02506 54891 02727 00893 24798

11161/9269/7530 kHz, 08-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 45136 : 8th of month : Msg Number 195 : Msg Type 07145 : Group Count (?) 4
39256 00000 00000 00148 55182 00356 00893 41999

17481/15826/13418 kHz, 10-05, 0800/0810/0820 UTC

Block No 0 : Total Message Size 19 blocks : This transmission contains one message.
Block No 1 : Link ID 45115 : 7th of month : Msg Number 020 : Msg Type 07145 : Group Count (?) 114
01076 33425 14160 24751 07039 03019 20351 65535

17424/15816/13394 kHz, 10-05, 0900/0910/0920 UTC

Block No 0 : Total Message Size 15 blocks : This transmission contains one message.
Block No 1 : Link ID 45057 : 7th of month : Msg Number 177 : Msg Type 07145 : Group Count (?) 91
18908 62726 43331 05507 49814 33881 17569 44259

16352/14611 kHz, 10-05, 0920/0930 UTC

Block No 0 : Total Message Size 13 blocks : This transmission contains one message.
Block No 1 : Link ID 36882 : 7th of month : Msg Number 035 : Msg Type 07145 : Group Count (?) 76
29820 09443 53531 14878 28573 02976 03202 47905

11161/9269/7530 kHz, 11-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 44 blocks : This transmission contains one message.
Block No 1 : Link ID 45136 : 8th of month : Msg Number 240 : Msg Type 07145 : Group Count (?) 41
23236 23353 44593 36844 65099 04476 58617 26830

10521/8127/6945 kHz, 11-05, 1200/1210/1220 UTC

Block No 0 : Total Message Size 44 blocks : This transmission contains one message.
Block No 1 : Link ID 45136 : 8th of month : Msg Number 240 : Msg Type 07145 : Group Count (?) 41
23236 23353 44593 36844 65099 04476 58617 26830

15836/13424 kHz, 11-05, 1540/1550 UTC

Block No 0 : Total Message Size 21 blocks : This transmission contains one message.
Block No 1 : Link ID 20501 : 7th of month : Msg Number 122 : Msg Type 07145 : Group Count (?) 130
42124 38089 23621 18860 32012 33717 17968 13940

19607/17459/15921 kHz, 12-05, 1400/1510/1420 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 32799 : 12th of month : Msg Number 090 : Msg Type 07145 : Group Count (?) 4
55564 00000 00000 02214 09187 02948 00893 57191

17434/15787/13374 kHz, 12-05, 1650/1700/1710 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 20501 : 12th of month : Msg Number 140 : Msg Type 07145 : Group Count (?) 4
19140 00000 00000 01044 16418 01661 00893 21263

11427/9254/7689 kHz, 12-05, 2100/2110/2120 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 45057 : 12th of month : Msg Number 007 : Msg Type 07145 : Group Count (?) 4
50980 00000 00000 02434 38644 35581 00893 07692

11161/9269/7530 kHz, 13-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 1 blocks : This transmission contains 0 messages.
Block No 1 : Link ID 45136 : 12th of month : Msg Number 247 : Msg Type 07145 : Group Count (?) 229
31976 41536 23722 33628 55182 35640 45059 31440

15991/13579/11492 kHz, 13-05, 0800/0810/0820 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 45075 : 13th of month : Msg Number 205 : Msg Type 07145 : Group Count (?) 4
36716 00000 00008 03903 63487 51695 02943 65535

11161/9269/7530 kHz, 14-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 50 blocks : This transmission contains 2 messages.
Block No 1 : Link ID 45136 : 13th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 165
53100 58739 47188 08529 58024 34849 25897 52420

7530 kHz, 15-05, 0720 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains 0 messages.
Block No 1 : Link ID 45137 : 15th of month : Msg Number 052 : Msg Type 07145 : Group Count (?) 4
03896 00000 00000 01261 01146 35287 00893 49475

18749/16172/14561 kHz, 16-05, 2100/2110/2120 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 32821 : 16th of month : Msg Number 052 : Msg Type 07145 : Group Count (?) 4
39180 00000 00000 02709 13740 34271 00893 16858

17431/15836/13424 kHz, 17-05, 1530/1540/1550 UTC

Block No 0 : Total Message Size 27 blocks : This transmission contains one message.
Block No 1 : Link ID 20501 : 15th of month : Msg Number 125 : Msg Type 07145 : Group Count (?) 174
60112 39369 09163 18868 12857 02969 33879 54348

11161/9269/7530 kHz, 18-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 36 blocks : This transmission contains one message.
Block No 1 : Link ID 45136 : 15th of month : Msg Number 007 : Msg Type 07145 : Group Count (?) 233
33348 38435 16538 38338 58024 36595 33913 10594

6945 kHz, 18-05, 1220 UTC

Block No 0 : Total Message Size 18 blocks : This transmission contains 0 messages.
Block No 1 : Link ID 45136 : 15th of month : Msg Number 007 : Msg Type 07145 : Group Count (?) 233
33380 38435 16538 38338 58024 36595 33913 10594

11161/9269/7530 kHz, 19-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 68 blocks : This transmission contains 2 messages.
Block No 1 : Link ID 45137 : 18th of month : Msg Number 010 : Msg Type 07145 : Group Count (?) 103
11756 60709 04284 10556 07583 00286 54525 36939

17459/15921 kHz, 19-05, 1410/1420 UTC

Block No 0 : Total Message Size 27 blocks : This transmission contains one message.
Block No 1 : Link ID 32799 : 15th of month : Msg Number 090 : Msg Type 07145 : Group Count (?) 174
21964 09860 56559 35355 29865 03096 12513 57243

17435/15789/13376 kHz, 19-05, 1650/1700/1710 UTC

Msg NR140/15th Type 07145 GR174 on Link 20501
27092 32274 05069 13340 32012 02476 13506 08217

11161/9269/7530 kHz, 20-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 42 blocks : This transmission contains one message.
Block No 1 : Link ID 45137 : 19th of month : Msg Number 015 : Msg Type 07145 : Group Count (?) 27
13732 37248 57352 08880 07583 08153 39725 06983

15991/13579/11429 kHz, 20-05, 0800/0810/0820 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 45075 : 20th of month : Msg Number 140 : Msg Type 07145 : Group Count (?) 4
53756 00000 00000 03900 19299 03103 00893 57046

10521/8127/6945 kHz, 20-05, 1200/1210/1220 UTC

Block No 0 : Total Message Size 42 blocks : This transmission contains one message.
Block No 1 : Link ID 45137 : 19th of month : Msg Number 015 : Msg Type 07145 : Group Count (?) 27
13732 37248 57352 08880 07583 08153 39725 06983

17428/15812/13485 kHz, 20-05, 1230/1240/1250 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 61759 : 20th of month : Msg Number 224 : Msg Type 08171 : Group Count (?) 12
36732 04369 00256 03196 32511 04091 06143 65534

17434/15787/13374 kHz, 20-05, 1650/1700/1710 UTC

Block No 0 : Total Message Size 27 blocks : This transmission contains one message.
Block No 1 : Link ID 20501 : 15th of month : Msg Number 140 : Msg Type 07145 : Group Count (?) 174
27092 32274 05069 13340 32012 02476 13506 08217

11161/9269/7530 kHz, 21-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 57 blocks : This transmission contains 2 messages.
Block No 1 : Link ID 45136 : 20th of month : Msg Number 017 : Msg Type 07145 : Group Count (?) 183
17896 25607 12951 13527 55182 34726 47611 48338

10521/8127/6945 kHz, 21-05, 1200/1210/1220 UTC

Block No 0 : Total Message Size 57 blocks : This transmission contains 2 messages.
Block No 1 : Link ID 45136 : 20th of month : Msg Number 017 : Msg Type 07145 : Group Count (?) 183
17896 25607 12951 13527 55182 34726 47611 48338

16187/14406/12189 kHz, 22-05, 0600/0610/0620 UTC

Block No 0 : Total Message Size 77 blocks : This transmission contains one message.
Block No 1 : Link ID 40988 : 19th of month : Msg Number 127 : Msg Type 07145 : Group Count (?) 17
64396 10532 17078 40710 00624 43504 60328 32325

11161/9269/7530 kHz, 22-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 45137 : 22nd of month : Msg Number 112 : Msg Type 07145 : Group Count (?) 4
07380 00000 00000 00951 01146 36684 00893 00332

17481/15826/13418 kHz, 23-05, 0800/0810/0820 UTC

Block No 0 : Total Message Size 19 blocks : This transmission contains one message.
Block No 1 : Link ID 45115 : 7th of month : Msg Number 020 : Msg Type 07145 : Group Count (?) 114
01076 33425 14160 24751 06443 02505 20021 28075

17424/15816/13394 kHz, 23-05, 0900/0910/0920 UTC

Block No 0 : Total Message Size 15 blocks : This transmission contains one message.
Block No 1 : Link ID 45057 : 7th of month : Msg Number 177 : Msg Type 07145 : Group Count (?) 91
18908 62726 43331 05507 49814 33881 17569 44259

19137/16352/14611 kHz, 23-05, 1100/1110/1120 UTC

Block No 0 : Total Message Size 10 blocks : This transmission contains one message.
Block No 1 : Link ID 36882 : 22nd of month : Msg Number 040 : Msg Type 07145 : Group Count (?) 54
04452 15440 09395 06382 43092 02909 55641 37344

18749/16172/14561 kHz, 23-05, 2100/2110/2120 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 32821 : 23rd of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
63124 00000 00000 03652 16767 34974 00893 55692

17481/15826/13418 kHz, 24-05, 0800/0810/0820 UTC

Block No 0 : Total Message Size 19 blocks : This transmission contains one message.
Block No 1 : Link ID 45115 : 7th of month : Msg Number 020 : Msg Type 07145 : Group Count (?) 114
01076 33425 14160 24751 06443 02505 20021 28075

17424/15816/13394 kHz, 24-05, 0900/0910/0920 UTC

Block No 0 : Total Message Size 15 blocks : This transmission contains one message.
Block No 1 : Link ID 45057 : 7th of month : Msg Number 177 : Msg Type 07145 : Group Count (?) 91
18908 62726 43331 05507 49814 33881 17569 44259

19137 kHz, 24-05, 1100 UTC

Block No 0 : Total Message Size 10 blocks : This transmission contains one message.
Block No 1 : Link ID 36882 : 22nd of month : Msg Number 040 : Msg Type 07145 : Group Count (?) 54
04452 15440 09395 06382 43092 02909 55641 37344

17433/15838/13426 kHz, 24-05, 1530/1540/1550 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 20501 : 24th of month : Msg Number 127 : Msg Type 07145 : Group Count (?) 4
51760 00000 00000 03722 21447 36676 00893 17600

11161/9269/7530 kHz, 25-05, 0700/0710/0720 UTC

Block No 0 : Total Message Size 35 blocks : This transmission contains one message.
Block No 1 : Link ID 45137 : 22nd of month : Msg Number 022 : Msg Type 07145 : Group Count (?) 225
07060 64279 62437 08667 09959 33895 56175 55091

10521/8127 kHz, 25-05, 1200/1210 UTC

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

Block No 1 : Link ID 45137 : 22nd of month : Msg Number 022 : Msg Type 07145 : Group Count (?) 225
07060 64279 62437 08667 09959 33895 56175 55091

7530 kHz, 26-05, 0720 UTC

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

Block No 1 : Link ID 45136 : 25th of month : Msg Number 025 : Msg Type 07145 : Group Count (?) 182
17972 37832 08641 28186 34702 00600 36622 28954

10521/6945 kHz, 26-05, 1200/1220 UTC. Not decoded, incorrect shift (should be 1000)

19607/17459/15821 kHz, 26-05, 1400/1410/1420 UTC

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

Block No 1 : Link ID 32799 : 26th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
50541 00000 00000 00080 09187 36001 00893 18598

17434/15787/13374 kHz, 26-05, 1650/1700/1710 UTC

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

Block No 1 : Link ID 20501 : 26th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
39181 00000 00000 00252 12857 35808 00893 10912

11427 kHz, 26-05, 2050 UTC. Test started with an incorrect shift (500Hz) then switched to 1000Hz

11427/9254/7689 kHz, 26-05, 2100/2110/2120 UTC

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

Block No 1 : Link ID 45057 : 26th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
55565 00000 00000 02618 38644 36099 00893 59683

11161/9269/7530 kHz, 27-05, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45137 : 26th of month : Msg Number 030 : Msg Type 07145 : Group Count (?) 203
25277 09671 06681 15273 01146 03886 53297 12471

15991/13579/11492 kHz, 27-05, 0800/0810/0820 UTC

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

Block No 1 : Link ID 45075 : 27th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
64561 00000 00000 02234 21935 34719 01023 65435

15863 kHz, 27-05, 0925 UTC

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

Block No 1 : Link ID 20492 : 27th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
30357 00000 00000 01354 34753 33761 00893 51087

11161/9269/7530 kHz, 28-05, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45136 : 27th of month : Msg Number 032 : Msg Type 07145 : Group Count (?) 37
55733 29909 19363 01831 65099 39149 49187 59021

10521/8127/6845 kHz, 28-05, 1200/1210/1220 UTC

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

Block No 1 : Link ID 45136 : 27th of month : Msg Number 032 : Msg Type 07145 : Group Count (?) 37
55733 29909 19363 01831 65099 39149 49187 59021

15812/13409/11144 kHz, 28-05, 1330/1340/1350 UTC

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

Block No 1 : Link ID 49237 : 28th of month : Msg Number 162 : Msg Type 07145 : Group Count (?) 4
06441 00000 00000 02521 44260 35474 00893 17376

16187/14406/12189 kHz, 28-05, 0600/0610/0620 UTC

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

Block No 1 : Link ID 40988 : 26th of month : Msg Number 130 : Msg Type 07145 : Group Count (?) 99
23697 54677 34810 32122 10214 01978 42327 28378

11161/9269/7530 kHz, 29-05, 0700/0710/0720 UTC

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

Block No 1 : Link ID 45137 : 29th of month : Msg Number 195 : Msg Type 07145 : Group Count (?) 4
36037 00000 00000 00554 01146 00096 00893 10043

19137/16352/14611 kHz, 30-05, 1100/1110/1120 UTC

Block No 0 : Total Message Size 12 blocks : This transmission contains one message.
Block No 1 : Link ID 36882 : 29th of month : Msg Number 042 : Msg Type 07145 : Group Count (?) 68
47849 14960 11966 04856 31234 34330 53220 50258

16172/14561 kHz, 30-05, 2110/2120 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 32821 : 30th of month : Msg Number 002 : Msg Type 07145 : Group Count (?) 4
34157 00000 00000 00426 13740 33250 00893 08092

19137/16352/14611 kHz, 31-05, 1100/1110/1120 UTC

Block No 0 : Total Message Size 12 blocks : This transmission contains one message.
Block No 1 : Link ID 36882 : 29th of month : Msg Number 042 : Msg Type 07145 : Group Count (?) 68
47849 14960 11966 04856 31234 34330 53220 50258

17431/15826/13424 kHz, 31-05, 1530/1540/1550 UTC

Block No 0 : Total Message Size 4 blocks : This transmission contains one message.
Block No 1 : Link ID 20501 : 31st of month : Msg Number 002 : Msg Type 07161 : Group Count (?) 4
63125 00000 00000 01620 16418 36502 00893 47063

X06 - Mazielka

12215 kHz, 15-05, 1020 UTC Mazielka. Sequence: 361245
18245 kHz, 16-05, 0944 UTC Mazielka. Sequence: 134265



XPA

13368 kHz, 06-05, 0640 UTC

813 813 813 1
04322 00109 61780 97986 46276 53553 64401 49462 46571 95840
09565 02863 20157 67408 68579 93959 65758 70222 30788 23004
90597 77759 67378 34013 85984 34658 50263 20926 66400 50601
82898 29773 24984 39355 29786 63322 99891 16420 77875 92087
38999 60952 02690 93349 01349 30425 85384 52171 93331 56967
42222 32072 23834 31510 85860 25270 71258 97678 79787 84449
84773 87019 05400 25373 19979 16160 04375 24578 30968 89653
02648 22703 81031 60888 08445 06466 45994 43195 05586 62607
90024 67425 17215 18061 46252 99304 23275 92899 49209 85293
12049 74634 68435 55473 85587 52908 04308 49381 28329 39814
80033 30644 97121 29257 14550 94335 24533 32893 15518 94438
70979 41503

10868/12168/13368 kHz, 09-05, 0600/0620/0640 UTC

813 813 813 1
04322 00109 61780 97986 46276 53553 64401 49462 46571 95840
09565 02863 20157 67408 68579 93959 65758 70222 30788 23004
90597 77759 67378 34013 85984 34658 50263 20926 66400 50601
82898 29773 24984 39355 29786 63322 99891 16420 77875 92087
38999 60952 02690 93349 01349 30425 85384 52171 93331 56967
42200 32072 23834 31510 85860 25270 71258 97678 79787 84449
84773 87019 05400 25373 19979 16160 04375 24578 30968 89653
02648 22703 81031 60888 08445 06466 45994 43195 05586 62607
90024 67425 17215 18061 46252 99304 23275 92899 49209 85293
12049 74634 68435 55473 85587 52908 04308 49381 28329 39814
80033 30644 97121 29257 14550 94335 24553 32893 15518 94438
70979 41503

10438/9938/9138 kHz, 12-05, 1730/1750/1820 UTC

491 491 491 000
02367 00001 00000 10140

10868/12168/13368 kHz, 13-05, 0600/0620/0640 UTC

813 813 813 000
08829 00001 00000 10140

9138 kHz, 14-05, 1810 UTC

491 491 491 1
00370 00155 83782 42046 73537 46614 78974 28599 16293 67329
40816 81025 95431 94713 56663 43811 89285 87757 45330 39462
47861 49284 50468 20545 94655 89525 88738 08014 40817 56187
94442 05796 15877 12960 92034 75329 31950 26830 40857 72803
89933 35100 97377 96660 98235 98797 78252 89571 93976 27683
77705 29787 97157 87543 65112 12852 33626 65004 85099 21463
80481 13739 08829 76953 14122 05358 63751 44689 49898 59958
80591 63374 22019 13552 58489 16991 97941 93424 82060 77503
48481 25129 40475 07423 54695 07014 48477 98582 75973 49326
18413 41389 26081 12917 31391 00884 35023 58435 22000 39763
62610 28600 22385 95950 27542 00989 46346 10296 59744 15181
87929 21360 64800 92677 08993 15621 21067 16185 78991 01210
05873 55294 53641 02222 06217 36253 01568 80664 00232 87074
95426 19655 74035 54092 30593 91152 53878 79919 33526 56120
86316 87686 39819 90159 67806 31949 89304 05174 53903 21310
60962 78953 33304 04889 96381 15681 97725 50621

10868/12168/13368 kHz, 16-04, 0600/0620/0640 UTC

813 813 813 000
06339 00001 00000 10140

10868/12168/13368 kHz, 20-04, 0600/0620/0640 UTC

813 813 813 000
07804 00001 00000 10140

10438/9938/9138 kHz, 21-05, 1730/1760/1810 UTC

491 491 491 000
09357 00001 00000 10140

10868/12168/13368 kHz, 23-04, 0600/0620/0640 UTC

813 813 813 000
08697 00001 00000 10140

10868/12168/13368 kHz, 27-05/30-05, 0600/0620/0640 UTC

813 813 813 1
01158 00133 06696 30087 86425 05428 10289 46394 74224 34122
95151 47906 70335 87188 24962 88264 21905 14415 24354 11411
44980 61093 65561 60107 84648 20973 85745 27401 65841 17542
76555 59940 58104 70281 33576 97387 73867 11151 81960 42334
24280 81840 92039 67361 85612 60401 85599 16960 30830 26807
10114 01960 33904 14701 87157 62836 83440 39140 44451 81895
93078 83406 67724 25815 40317 03492 24187 56958 04114 14959
99112 03557 41923 64887 66163 79294 55686 25648 89926 72540
71266 91077 81215 92790 75944 33039 41953 96651 38661 87752
11794 92185 79265 62455 33259 10015 61633 80136 12108 94763
25241 01185 99013 42560 41076 14665 65947 10637 53746 27906
54291 34235 18346 89098 65901 07838 72821 95501 25743 83716
95726 39461 27890 44237 68626 18429 13735 87056 81609 14035
47225 24310 59337 54314 30317 06371

10438/9938/9138 kHz, 28-05, 1730/1750/1810 UTC

491 491 491 1

04660 00233 16036 80596 60138 30760 56112 01995 87686 31906
42020 90253 73435 60403 92781 99492 67978 10153 30805 70244
12126 41946 73847 60784 22372 37269 90556 59762 10731 41481
13082 80734 58908 63988 84136 28999 93763 94608 79646 90960
90689 01317 97194 17769 19245 17981 54824 24823 18173 76538
12136 90990 15431 03920 13936 60249 66507 40883 92201 20408
87533 12742 72922 80205 21964 44239 70988 66033 53660 21728
55110 02989 20478 65229 04242 98461 86696 74705 60017 57918
93052 90730 55918 75089 42462 28567 88472 57384 28137 31321
26189 94823 94781 17544 49133 31281 90976 49279 04015 56929
32926 84731 27112 07804 41512 01392 74599 24993 53368 41701
18862 96861 82223 72364 19119 86027 03138 51990 33601 82576
23027 14999 70831 07146 25974 98199 85124 92933 21398 10540
44991 33519 22407 16058 77189 77130 98719 46717 65920 40127
68036 04092 30206 37940 55175 96294 43365 32277 17357 07851
30467 77213 75110 22553 97324 16521 55081 67411 30785 62015
73732 99276 44054 36671 98752 52246 61659 77295 64422 05770
46657 01084 43081 28034 49003 02377 05128 29653 42486 83451
21831 07979 00255 46406 14370 82070 04028 70710 60932 01749
86300 64659 09228 97499 14529 62343 29221 13878 42587 31363
12195 26415 77554 28858 13295 62077 29357 78355 48778 20221
37637 33186 73130 95996 92218 43601 10641 41268 60240 96803
40422 73708 68451 99078 37355 73843 38729 62821 42697 24141
03768 45561 97481 91053 41429 15251



XPA2

We already knew that Russia is back in Cuba and several transmissions from Cuba have been noted. Mike Chace also copied XPA2. He writes: *"I've also recorded several XPA2s emanating from due South of me, which I can only imagine is Cuba. I've also heard all the other Russian Diplo & Intel systems from that direction: Serdolik, 200bd/500 Baudot, OFDM HDR modems and 200bd/1000 ACF=288. Many of these transmissions have been on channels used by CMU967, which was a Russian Naval station on Cuba active from the 70s to the early 2000s.*

I started noticing the Cuba transmissions because they were at a time/frequency combination that wouldn't make sense for Moscow. Here are some examples (UTC):

14352kHz at 2300 14670kHz at 2250 16023kHz at 2310 18379kHz at 2330 20823kHz at 2300

I forgot to mention that a number of 50bd/500 synchronous FSK with ACF=64 aka the K4MT/NT9P Net have also been coming from Cuba. This is the system that happens to print "BZL26" during the preamble if you have Baudot selected."

17462/16114/14828 kHz, 01-05, 1900/1920/1940 UTC

05984 00001 00000 10140

17462/16114 kHz, 02-05, 1900/1920 UTC

01729 00001 00000 10140

15314/15815/14514 kHz, 03-05, 1500/1520/1540 UTC

04771 00001 00000 10140

14538/13538/12138 kHz, 03-05, 2000/2020/2040 UTC

06548 00001 00000 10140

I copied two of the three transmissions. Both were incomplete and different. Same mistakes noted on 10-05 at 1500 UTC.

16314 kHz, 08-05/10-05, 1500 UTC

06918 00091 13082 27088 55768 06124 56549 03963 32620 14546
08683 98605 19274 89721 61955 95475 03211 66509 56814 52445
52562 00553 08835 74488 37369 10682 90630 86190 80756 39422
57347 32749 01303 89861 12309 24843 60155 49387 48632 31901
16316 18619 56085 91837 29734 01612 40543 69201 01168 03931
77721 30877 70228 78790 40040 46201 95419 79993 30531 07323
46725 98729 14458 87363 56935 75030 16176 15249 43021 61561
67508 55160 30496 03236 02952 10936 52099 37661 37126 92352
14043 14605

15814 kHz, 08-05, 1520 UTC

06918 00091 13082 27088 55768 06124 56549 03963 32620 14546
08683 98605 19274 89721 61955 23388 37369 10682 90630 86190
80756 39422 57347 32749 01303 89861 12309 24842 31115 41833
92254 55756 18280 85147 60742 30614 53623 50909 17441 53330
40155 49387 48632 31901 16316 18619 56085 91837 29734 01612
40543 69201 01168 03931 77721 30877 70228 78790 40040 46201
95419 79993 30531 07323 46725 98729 14458 87363 56935 75030
16176 15249 43021 61561 67508 55160 30496 02236 02952 10936
52099 36661 37126 82351 14043 14605

17462/16114/14828 kHz, 08-05, 1900/1920/1940 UTC

06491 00157 51095 25426 33452 42716 75595 81306 43252 06963
93952 43727 95317 13949 14472 92998 13834 57762 72859 81821
01321 37307 30668 97339 16421 33989 52925 73977 82656 33173
33213 81262 21225 96969 12176 85660 35029 12700 52725 42471
73852 29996 03877 18108 73228 03952 47382 83895 97648 41568
49181 69834 98394 98875 77300 35934 24804 11072 09939 67704
36281 17971 48068 41053 25850 79770 85857 23860 96269 09761
28639 13978 34368 06879 29512 46929 50376 55938 07389 13317
78866 58555 00668 11888 13322 31704 13099 49368 77720 33880
12275 05151 20823 44174 67728 07824 75512 46299 33053 10146
23675 18522 24680 33489 65229 60005 00326 48492 79654 39683
70956 40354 08055 84897 64163 66696 51487 91573 71064 53980
78215 96752 28234 79157 21663 24749 32606 76528 72158 06404
20815 51585 38323 80644 44233 30369 24047 81663 22362 72462
27870 26905 00522 39857 83101 73578 03251 16049 50991 93114
72299 79358 17662 52042 76892 54857 29753 67067 57234 56321

14538/13538/12138 kHz, 10-05, 2000/2020/2040 UTC

09071 00001 00000 10140
(2040 UTC: Transmitter test tones a couple of minutes before the supposed start but no transmission followed)

14538/13538/12138 kHz, 12-05, 2000/2020/2040 UTC

04884 00001 00000 10140

17462/14828 kHz, 15-05, 1900/1940 UTC

05572 00001 00000 10140

14538/12138 kHz, 17-05, 2000/2040 UTC

00752 00065 93389 52286 85178 98031 99851 37158 01710 58821
53061 29884 39016 37805 83869 21389 81125 81837 49513 78602
71037 24420 28347 54274 15905 90378 09736 90695 59238 17617
70881 98369 25539 66148 38877 29094 58828 23839 48422 22366
50121 78554 63255 32093 27574 45778 34568 91761 62331 35376
17468 51558 28882 09212 11860 34798 86812 02367 26823 96127
26962 54872 43927 81971 24781 22957 52246 30574

16314/15814/14514 kHz, 17-05, 1500/1520/1550 UTC

02947 00173 91888 85088 60982 47380 90619 61562 04755 20487
16441 85615 56853 25583 10429 71780 29063 30568 68228 65450
87805 84450 43188 65370 59877 94052 56777 75253 75634 20403
63277 68252 34261 33284 58750 38537 18987 84088 60387 63922
27816 69303 98303 64045 29509 94992 38649 85149 96202 85800
66952 15897 63774 47028 91011 13261 10791 92669 67092 44371
34348 57157 48851 76949 26796 45376 95848 28718 71732 05613
39441 47028 55055 62339 68290 66330 18167 15999 27014 50165
23007 59550 44908 26328 91990 87602 39580 02875 07254 20374
13626 46866 25647 57300 93743 54016 29201 23539 38515 56242
77720 80893 14629 84260 86686 80117 65414 06320 93529 51180
18282 36465 35588 09006 07981 00261 32846 98161 24054 51107
40093 01054 92366 19327 48783 27467 43132 16934 95695 78554
90657 50396 22408 79920 92091 49089 47863 28318 62969 65142
01428 45492 45371 30764 59666 43635 92015 92617 50476 60031
61669 48603 47323 41868 91199 48149 39069 79547 40695 64053
41845 87541 61234 81526 74437 25668 59579 74146 93834 12640
82540 77912 61708 59200 78064 61772

18767/17467 kHz, 22-05, 0720/0740 UTC

00862 00139 37995 85423 83756 75692 28234 50362 65146 37027
62389 11367 81503 10795 59005 64353 84038 35168 03088 07925
16697 53830 30486 03444 04225 88258 28778 66138 50666 66836
02001 42404 04118 36136 65123 72299 11828 36662 39858 06348
03888 83283 85581 91084 00967 98925 73817 45268 05130 40854
56956 73635 82616 50266 86640 77906 53776 35432 33528 33432
14657 46414 45488 96707 00376 99649 29570 56692 86626 75142
85234 43349 33219 16231 27177 88882 02530 57732 48685 11854
97746 55539 69749 82239 67360 09204 70089 72253 99857 37954
77511 71713 44055 60465 55530 61510 77888 12923 44597 37555
44702 63995 23777 61696 44222 42444 66993 57149 60424 42852
20036 79493 31224 00900 37844 56888 58354 69752 31491 35043
86601 00438 96915 40803 97508 29728 47508 60896 94941 05907
44009 03634 50132 28273 39235 47445 03436 88968 12170 10337
21071 35641

17462/16114/14828 kHz, 22-05/23-05, 1900/1920/1940 UTC

09257 00113 44899 48642 18948 08149 85866 61317 55582 67134
58992 86807 18518 57165 11420 68728 86558 24382 96847 78015
19224 40022 30466 73450 35445 82452 18002 29302 56346 39052
83978 47887 98696 09441 74621 48054 57186 00048 35713 34742
21906 11278 56849 53627 00870 23896 39916 45666 59907 51388
11966 46254 11036 20581 81028 74096 26482 31934 70195 71480
56759 71288 61507 63208 54614 61592 92275 48535 87862 72136
55969 91339 05284 05124 19574 43885 07786 85003 81244 51240
58235 11559 15337 87431 16427 13407 33882 58031 70507 24578
62143 38288 27505 48401 09093 12626 48700 40521 06978 87331
87369 40348 10426 88433 10670 08660 17759 40701 33804 65078
98173 71681 71202 53854 45655 57733

16314/14514 kHz, 24-05, 1500/1540 UTC

07319 00001 00000 10140

14538/13538/12138 kHz, 24-05, 2000/2020/2040 UTC

04378 00073 66682 57337 59224 04451 53975 37219 01421 16146
05527 30667 30196 77874 09494 31589 41227 54239 00462 26922
83852 71350 47333 39277 08234 35453 62835 99356 02500 80004
48342 90346 61649 20390 17987 07805 07868 55002 60299 60592
44397 63944 62216 54104 74308 13101 52420 60404 51306 48077
91936 79139 67297 59263 87664 38626 81694 68479 03466 17399
88013 59445 03906 35096 89087 02692 35069 88266 01685 58441
41628 18219 67146 70250 55570 21112

17467 kHz, 26-05, 0740 UTC

00324 00105 22181 28052 92077 05575 35202 98085 72259 61908
38852 55505 73965 78852 88059 77333 60316 56710 96044 30063
03340 90980 66649 21887 23537 69680 28807 27758 95381 74448
06154 90678 64843 93292 40007 04399 28420 22435 35292 24874
63239 19393 70475 98364 68796 59569 24056 99828 27194 15956
90547 94781 53739 35066 40879 69045 51605 11909 73038 50463
30134 46912 22275 24328 51483 02319 88876 07824 30217 01133
68947 56862 18704 59928 91809 25932 43885 74050 72167 93524
96485 17987 93696 06197 71036 80885 30347 97223 89520 71252
63999 02912 60250 53325 32009 70555 88304 41396 99975 94471
61530 81720 64138 38426 36115 89776 38561 64772

19667/18767/17467 kHz, 28-05, 0700/0720/0740 UTC

00323 00105 23181 28052 92077 05575 35202 98085 72259 61908
38852 56615 73965 79852 89059 78343 60316 57810 96044 30163
03340 90980 67749 21887 23537 69680 28817 27758 95381 74558
06154 90678 64843 93292 40007 04399 28420 22435 35292 24874
63239 19393 70475 98364 68796 59569 24056 99828 27194 15956
90547 94781 53739 35066 40879 69045 51605 11909 73038 50463
30134 46912 22275 24328 51483 02319 88876 07824 30217 01133
68947 56862 18704 59928 91809 25932 43885 74050 72167 93524
96485 17987 93696 06197 71036 80885 30347 97223 89520 71252
63999 02912 60250 53325 32009 70555 88304 41396 99975 94471
61530 81720 64138 38426 36115 89776 38561 64772

16314/15814/14514 kHz, 29-05/31-05, 1500/1520/1540 UTC

05875 00119 58003 87387 58623 28096 89320 36659 62873 16990
32920 81656 54509 78478 43216 89611 20702 31451 25690 74624
09317 58405 46864 19334 57639 43008 28366 41285 15862 93625
88680 83242 66807 05948 73108 25915 36989 98742 06217 93335
67507 00349 07075 00653 38916 62341 79697 04623 07137 98342
88391 10566 65467 30902 29183 28528 08953 33840 14871 52150
75841 79339 94921 40717 57513 34496 82820 00077 90700 44922
97279 17962 45350 88969 18319 83307 42925 33447 56016 54768
46552 44176 08284 43383 81819 77786 55067 52479 95749 27592
49268 05219 09690 06922 42927 57654 71648 84087 49524 24260
47957 96438 19285 60239 16069 01928 10934 66062 38380 68209
36863 04215 45756 01594 23980 19915 02160 28113 80676 30822
72078 56532

17462/16114/14828 kHz, 29-05, 1900/1910/1920 UTC

05493 00001 00000 10140

17462/16114/14828 kHz, 30-05, 1900/1910/1920 UTC

05392 00001 00000 10140

14538/13538/12138 kHz, 31-05, 2000/2020/2040 UTC

04491 00001 00000 10140



Polish Intelligence
(E11 family)

14575 kHz, 01-05, 0655/0700 UTC

0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

7727 kHz, 07-05, 1305/1310 UTC

0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13537 kHz, 08-05, 0530/0535 UTC

0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

14575 kHz, 08-05, 0655/0700 UTC

0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

8423 kHz, 08-05, 0900/0905 UTC

0554 0554 0554 0554 0554
88888 88888 74863 97273 77630 03075 25948 62528 87041 25906
06732 85570 56802 71637 69622 52816 02891 38334 44359 79441
76406 76906 10749 59438 24600 36879 67634 28008 88032 85065
30159 25234 52389 84075 94622 24554 21186 75431 98454 88888
88888
00041 00041

12067 kHz, 08-05, 1005/1010 UTC

0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

6480 kHz, 11-05, 0800/0805 UTC

0434 0434 0434 0434 0434
88888 88888 28914 59105 49804 76719 99070 25983 17564 58223
98352 65515 25635 82930 54977 74119 52162 20324 97378 34165
15668 92762 54469 54996 14527 00649 93624 72748 92638 34178
19986 75793 88888 88888
00034 00034

13424 kHz, 11-05, 0845/0850 UTC

0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

7837 kHz, 11-05, 1305/1310 UTC

0547 0547 0547 0547 0547
88888 88888 60598 81989 68883 75429 04173 22165 35042 03776
46067 69878 90063 51605 48670 51905 16880 80732 69509 37775
57581 55045 02511 80018 02058 80123 74080 12139 71758 46192
42543 46563 33050 73813 51106 68665 81216 66765 11742 88888
88888
00041 00041

13470 kHz, 12-05, 0630/0635 UTC

0574 0574 0574 0574 0574
88888 88888 28713 87884 83956 47036 03880 98309 54796 39383
10710 70435 81223 12028 82657 83923 93099 89169 70043 97963
10576 85402 48986 34247 72991 73071 05985 29260 18169 17517
59976 73714 99837 61724 88888 88888
00036 00036

13537 kHz, 13-05, 0530/0535 UTC

0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13424 kHz, 13-05, 0845/0850 UTC

0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

7837 kHz, 13-05, 1305/1310 UTC

0547 0547 0547 0547 0547
88888 88888 60598 81989 68883 75429 04173 22165 35042 03776
46067 69878 90063 51605 48670 51905 16880 80732 69509 37775
57781 55045 02511 80018 02058 80123 74080 12139 71758 46192
42543 46563 33050 73813 51106 68665 81216 66765 11742 88888
88888
00041 00041

13470 kHz, 14-05, 0630/0635 UTC

0574 0574 0574 0574 0574
88888 88888 28713 87884 83956 47036 03880 98309 54796 39383
10710 70435 81223 12028 82657 83923 93099 89169 70043 97963
10576 85402 48986 34247 72991 73071 05985 29260 18169 17517
59976 73714 99837 61724 88888 88888
00036 00036

16388 kHz, 14-05, 1000/1005 UTC

0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

16005 kHz, 14-05, 1140 UTC

0217 0217 0217 0217 0217 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

8423 kHz, 15-05, 0900/0905 UTC

0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

14575 kHz, 15-05, 0655/0700 UTC

0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

12067 kHz, 15-05, 1005/1010 UTC

0675 0675 0675 0675 0675
88888 88888 73090 56443 50245 88660 65025 13068 33750 83615
08815 80729 91699 19453 22165 43654 50835 06956 33444 88818
14560 89231 42574 45739 77796 41617 01639 35414 72681 49455
20868 75842 35240 03906 24829 88442 72403 56243 48947 14453
88888 88888
00042 00042

7727 kHz, 17-05, 1305/1310 UTC

0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13046 kHz, 18-05, 0815/0820 UTC

0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13424 kHz, 18-05, 0850/0855 UTC

0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

16388 kHz, 18-05, 1000/1005 UTC

0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

7837 kHz, 18-05, 1305/1310 UTC

0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

14575 kHz, 19-05, 0655/0700 UTC

0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

14940 kHz, 19-05, 0730 UTC

0433 0433 0433 0433 0433 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13424 kHz, 20-05, 0845/0850 UTC

0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

9576 kHz, 20-05, 1030/1035 UTC

0325 0325 0325 0325 0325
88888 88888 89086 41982 83329 56839 16302 92266 50679 18119
53618 49117 35664 34841 89704 68142 82910 66136 01638 02629
26142 12947 99992 03303 14067 29624 14274 73672 84443 04894
77695 38991 98911 82660 80385 87323 55124 42935 88888 88888
00040 00040

7837 kHz, 20-05, 1305/1310 UTC

0547 0547 0547 0547 0549 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13470 kHz, 21-05, 0630/0635 UTC

0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

14940 kHz, 21-05, 0730/0735 UTC

0433 0433 0433 0433 0433 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

6480 kHz, 21-05, 0800/0805 UTC

0434 0434 0434 0434 0434 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

16388 kHz, 21-05, 1000/1005 UTC

0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

7727 kHz, 22-05, 1305/1310 UTC

0437 0437 0437 0437 0437
88888 88888 94181 36974 45579 21958 73302 55493 77417 70448
88549 64516 40895 92829 78648 95886 89101 99166 68676 55095
60039 93345 93015 31575 09256 79782 24386 60945 79541 44963
48310 42830 75563 69370 59651 41786 03120 56558 50536 69013
88888 88888
00042 00042

13537 kHz, 22-05, 0530/0535 UTC

0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13046 kHz, 22-05, 0815/0820 UTC

0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

8423 kHz, 22-05, 0900/0905 UTC

0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

12067 kHz, 22-05, 1005/1010 UTC

0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

7727 kHz, 24-05, 1305/1310 UTC

0437 0437 0437 0437 0437
88888 88888 94181 36974 45579 21958 73302 55493 77417 70448
88549 64516 40895 92829 78648 95886 89101 99166 68676 55095
60039 93345 93015 31575 09256 79782 24386 60945 79541 44963
48310 42830 75563 69370 59651 41786 03120 56558 50536 69013
88888 88888
00042 00042

14972 kHz, 24-05, 1405/1410 UTC

0877 0877 0877 0877 0877 00000 0000 00000 00000 00000 0000000000 0000000

6480 kHz, 25-05, 0800/0805 UTC

0434 0434 0434 0434 0434 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13424 kHz, 25-05, 0845/0850 UTC

0353 0353 0353 0351 0353
88888 88888 46620 37562 50386 02546 33815 68195 54751 32571
15023 61009 67649 93789 26751 49992 93792 77382 18824 72704
31575 71582 69524 29505 94777 53033 87640 33220 32262 25386
41409 66601 56023 24123 88888 88888
00036 00036

7837 kHz, 25-05, 1305/1310 UTC

0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13470 kHz, 26-05, 0630/0635 UTC

0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

14575 kHz, 26-05/2805, 0655/0700 UTC

0684 0684 0684 0684 0684
88888 88888 51105 05382 35713 33746 07575 58267 99508 20642
64777 43764 18292 54336 09300 76842 18466 71284 56398 41740
03463 50700 65974 55854 32415 58014 10838 91252 88074 88649
91005 20235 75558 30432 55247 60893 89858 63434 88888 88888
00040 00040

14940 kHz, 26-05/28-05, 0730/0735 UTC

0433 0433 0433 0433 0433
88888 88888 45264 66426 03403 29003 65149 81070 79997 20198
89937 12048 50022 71456 69023 22669 49434 52040 06966 01699
05866 94347 14272 16831 66883 08796 79011 33930 03887 59402
20720 09681 25954 86400 88888 88888
00036 00036

8423 kHz, 26-05, 0900/0905 UTC

0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

12067 kHz, 26-05, 1005/1010 UTC

0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

9576 kHz, 26-05, 1030/1035 UTC

0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13537 kHz, 27-05/28-05, 0530/0535 UTC

0453 0453 0453 0453 0453
88888 88888 81889 34271 67033 52262 29390 66201 33467 08906
72393 99118 32712 15821 11861 31593 69606 56457 08197 17986
73827 44533 55250 14409 40830 76305 80779 92883 62443 63587
97779 22448 75932 37980 27748 82126 88888 88888
00038 00038

13424 kHz, 27-05, 0845/0850 UTC

0353 0353 0353 0353 0353
88888 88888 46620 37562 50386 02546 33815 68195 54751 32571
15023 61009 67649 93789 26751 49992 93792 77382 18824 72704
31575 71582 69524 29505 94777 53033 87640 33220 32262 25386
41409 66601 56023 24123 88888 88888
00036 00036

9576 kHz, 27-05, 1030/1035 UTC

0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

7837 kHz, 27-05, 1305/1310 UTC

0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

13470 kHz, 28-05, 0630/0635 UTC

0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

16388 kHz, 28-05, 1000/1005 UTC

0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

14575 kHz, 28-05, 0655/0700 UTC

0684 0684 0684 0684 0684 0684
88888 88888 51105 05382 35713 33746 07575 58267 99508 20642
64777 43764 18292 54336 09300 76842 18466 71284 56398 41740
03463 50700 65974 55854 32415 58014 10838 91252 88074 88649
91005 20235 75558 30432 55247 60893 89858 63434 88888 88888
00040 00040

13046 kHz, 28-05, 0815/0820 UTC

0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

8423 kHz, 28-05, 0900/0905 UTC

0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

12067 kHz, 28-05, 1005/1010 UTC

0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

7727 kHz, 31-05, 1305/1310 UTC

0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

14972 kHz, 31-05, 1405/1410 UTC

0877 0877 0877 0877 0877 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000



North Korean diplomatic stations

16855 kHz, 24-05, 0642 UTC, DPRK-ARQ 600/600 LSB



Egyptian diplomatic stations

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

19522 kHz, 13-05, 0700 UTC, SITOR-A 100/170. Message in SITOR-B 100/170
MFA Cairo clg OOVQ Egyptian embassy Beijing.

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from logs provided by JPL, Tom, Wolfgang, Nige



M32

Russian / CIS Military CW Stations

3299 kHz, 04-05, 2056 UTC

WTX6 DE XZIU K
CM3U DE XZIU K
CM3U K
R K
L1BP DE XZIU K
L1BP K
R K
I2IW DE XZIU K
I2IW K
R K

5213 kHz, 18-05, 2345 UTC, i.p.

MV KP QSA 3 K
OK K R K
M16S DE IEC7 QSA L K
DE M16S QSA 2 QSA
M16S QSA 3 K
OK K R K
J6JK DE IEC7 QSA ? K
IEC7 DE J6JK QSA 3 QSA ? K
J6JK QSA 3 K
OK K R K
NSYB DE IEC7 QSA ? K
BAHV DE IEC7 QSA ? K
CA7K DE IEC7 QSA ? K
2RS6 DE IEC7 QSA ? K
M6Q2 DE IEC7 QSA ? K
B94R DE IEC7 QSA ? K
NSYB DE IEC7 QSA ? K
ZPFV DE IEC7 QSA ? K
PUVS DE IEC7 QSA ? K
W9WY DE IEC7 QSA ? K
NSYB DE IEC7 QSA ? K
B94R B94R B94R DE IEC7 IEC7 QSA ? K
NSYB DE IEC7 QSA ? K

7931 kHz, 14-05

1009 UTC: LIT9 DE YA8B QTC K
1010 UTC: YA8B 506 18 14 1302 506 = 306 = MMMMM 5lg msg
1017 UTC: XXX XXX WEGI WEGI 56940 BOLAQIJ 8725 8486
1028 UTC: XXX XXX WEGI WEGI 28315 POMORAN 2362 0592
1502 UTC: LIT9 DE YA8B K RK
5SCK DE YA8B K RK
F5KM DE YA8B K RK
BVFV DE YA8B K RK
WD9D DE YA8B K RK
KTPQ DE YA8B K RK
XTNB DE YA8B K RK
1514 UTC: XXX XXX WEGI WEGI 82859 ELEMENAT 5099 7987
1551 UTC: YA8B 131 20 14 1846 131 = 377 = followed by 5lg msg
1600 UTC: LIT9 DE KPBI ZOO ZVV ZOF QYT6 K
1634 UTC: XXX XXX WEGI WEGI 74264 BALEEC 0279 7695
KALEDINEC 8497 7928



M32c

Russian Air Force

Voyenno-vozdushnyye sily Rossii

Tu-95MS Bear H net

8029 kHz, 04-05, 0625 UTC W-markers
8029 kHz, 04-05, 0643 UTC D2WD DE TRL5 QSA 4 K. R K
8029 kHz, 05-05, 0740 UTC W-markers
8895 kHz, 14-05, 0640 UTC W-markers and G-markers
8895 kHz, 09-05, 0900 UTC W-markers
8895 kHz, 14-05, 0700 UTC Ü-markers
9128 kHz, 14-05, 1033 UTC TV6P DE QYYI QTC K. QYYI = 188 215 466 337 830 408 K. P7YR DE QYYI K
8895 kHz, 15-05, 0800 UTC W-markers



EMERGENCY ACTION MESSAGES & SKYING MESSAGES

Frequencies: 8992

02-05, 1723 UTC McClellan 30 chr EAM MWX7FK XW34Q6VUQN7D6AWDB22VAPW2

02-05, 1749 UTC McClellan 30 chr EAM MW4WKV G57QU5AAMK6VXONJCVHOAV3X

LOGS SECTION

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|-------------------------|----------|
| 16855 | DPRK | 24-5 | 0642 | Sun | North Korean diplo | DPRK-ARQ 600/600 LSB | (Nico) |
| 5948 | E06 | 7-5 | 2030 | Thu | 724 613 20 14259 | USB | (HFD) |
| 14565 | E06 | 8-5 | 0500 | Fri | 460 975 123 36891 | USB | (HFD) |
| 16125 | E06 | 8-5 | 0600 | Fri | 460 | USB | (HFD) |
| 5731 | E06 | 8-5 | 2130 | Fri | 315 613 20 14259 | USB | (HFD) |
| 14565 | E06 | 21-5 | 0500 | Thu | 460 975 123 36981 66032 20555 ... 84900 88673 92931 975 123 00000 | USB | (AB) |
| 16125 | E06 | 21-5 | 0600 | Thu | 460 975 123 36981 66032 20555 ... 84900 88673 92931 975 123 00000 | USB | (AB) |
| 14565 | E06 | 22-5 | 0500 | Fri | 460 975 123 36981 66032 20555 ... 84900 88673 92931 975 123 00000 | USB | (AB) |
| 16125 | E06 | 22-5 | 0600 | Fri | 460 975 123 36981 66032 20555 ... 84900 88673 92931 975 123 00000 | USB | (AB) |
| 5731 | E06 | 22-5 | 2130 | Fri | 315 921 20 14259 22676 32782 ... 73311 98089 12250 921 20 00000 | USB | (AB) |
| 14763 | E07 | 3-5 | 1700 | Sun | 731 1 252 131 57660 | AM | (HFD) |
| 14763 | E07 | 3-5 | 1700 | Sun | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB/MPJ) |
| 13363 | E07 | 3-5 | 1720 | Sun | 731 1 | AM | (HFD) |
| 13363 | E07 | 3-5 | 1720 | Sun | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB/MPJ) |
| 12163 | E07 | 3-5 | 1740 | Sun | 731 1 | AM | (HFD) |
| 12163 | E07 | 3-5 | 1740 | Sun | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB/MPJ) |
| 9064 | E07 | 4-5 | 0600 | Mon | 024 024 024 000 | USB | (AB) |
| 10265 | E07 | 4-5 | 0620 | Mon | 024 024 024 000 | USB | (AB) |
| 14812 | E07 | 4-5 | 1900 | Mon | 845 0 | AM | (HFD) |
| 14812 | E07 | 4-5 | 1900 | Mon | 845 845 845 000 | AM | (MPJ) |
| 13412 | E07 | 4-5 | 1920 | Mon | 845 845 845 000 | AM | (MPJ) |
| 13412 | E07 | 4-5 | 1920 | Mon | 845 0 | AM | (HFD) |
| 13363 | E07 | 6-5 | 1720 | Wed | 731 731 731 000 | AM | (AB) |
| 11539 | E07 | 7-5 | 2010 | Thu | 553 0 | AM | (HFD) |
| 10547 | E07 | 7-5 | 2030 | Thu | 553 0 | AM | (HFD) |
| 9064 | E07 | 9-5 | 0600 | Sat | 024 024 024 000 | USB | (AB) |
| 10264 | E07 | 9-5 | 0620 | Sat | 024 024 024 000 | USB | (AB) |
| 13363 | E07 | 10-5 | 1720 | Sun | 731 731 731 000 | AM | (MPJ) |
| 9065 | E07 | 11-5 | 0600 | Mon | 024 024 024 000 | USB | (AB) |
| 10264 | E07 | 11-5 | 0620 | Mon | 024 024 024 000 | USB | (AB) |
| 14812 | E07 | 11-5 | 1900 | Mon | 845 1 9901 114 17445 41111 51305 ... 20293 58099 29013 000 000 | AM | (AB/MPJ) |
| 11512 | E07 | 11-5 | 1940 | Mon | 845 1 9901 114 17445 41111 51305 ... 20293 58099 29013 000 000 | AM | (AB/MPJ) |
| 14763 | E07 | 13-5 | 1700 | Wed | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB) |
| 13363 | E07 | 13-5 | 1720 | Wed | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB) |
| 12163 | E07 | 13-5 | 1740 | Wed | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB) |
| 10547 | E07 | 14-5 | 2030 | Thu | 553 553 553 000 | AM | (AB) |
| 9064 | E07 | 16-5 | 0600 | Sat | 024 024 024 000 | USB | (AB) |
| 10264 | E07 | 16-5 | 0620 | Sat | 024 024 024 000 | USB | (AB) |
| 12177 | E07 | 16-5 | 0800 | Sat | 148 1 6785 3753 63 02916 71524 67150 ... 44321 53333 81897 000 000 | USB | (AB) |
| 14763 | E07 | 17-5 | 1700 | Sun | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB) |
| 13363 | E07 | 17-5 | 1720 | Sun | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB) |
| 12163 | E07 | 17-5 | 1740 | Sun | 731 1 252 131 57660 66174 31103 ... 51898 83051 85737 000 000 | AM | (AB) |
| 9064 | E07 | 18-5 | 0600 | Mon | 024 024 024 000 | USB | (AB) |
| 10264 | E07 | 18-5 | 0620 | Mon | 024 024 024 000 | USB | (AB) |
| 14812 | E07 | 18-5 | 1900 | Mon | 845 845 845 000 | AM | (MPJ) |
| 14763 | E07 | 20-5 | 1700 | Wed | 731 731 731 000 | AM | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|------|--------------|
| 13363 | E07 | 20-5 | 1720 | Wed | 731 731 731 000 | AM | (AB) |
| 14763 | E07 | 24-5 | 1700 | Sun | 731 731 731 000 | AM | (AB) |
| 13363 | E07 | 24-5 | 1720 | Sun | 731 731 731 000 | AM | (AB) |
| 10264 | E07 | 25-5 | 0620 | Mon | 024 024 024 000 | AM | (AB) |
| 14812 | E07 | 25-5 | 1900 | Mon | 845 845 845 000 | AM | (AB) |
| 13412 | E07 | 25-5 | 1920 | Mon | 845 845 845 000 | AM | (AB) |
| 14763 | E07 | 27-5 | 1700 | Wed | 731 731 731 000 | AM | (AB/MPJ) |
| 13363 | E07 | 27-5 | 1720 | Wed | 731 731 731 000 | AM | (AB/MPJ) |
| 14812 | E07 | 27-5 | 1900 | Wed | 845 845 845 000 | AM | (MPJ) |
| 13412 | E07 | 27-5 | 1920 | Wed | 845 845 845 000 | AM | (MPJ) |
| 11539 | E07 | 28-5 | 2010 | Thu | 553 553 553 000 | AM | (AB) |
| 10547 | E07 | 28-5 | 2030 | Thu | 553 553 553 000 | AM | (AB) |
| 9064 | E07 | 30-5 | 0600 | Sat | 024 024 024 000 | USB | (AB) |
| 10264 | E07 | 30-5 | 0620 | Sat | 024 024 024 000 | USB | (AB) |
| 14763 | E07 | 31-5 | 1700 | Sun | 731 731 731 000 | AM | (AB) |
| 13363 | E07 | 31-5 | 1720 | Sun | 731 731 731 000 | AM | (AB) |
| 12182 | E07a | 1-5 | 1510 | Fri | 101 101 101 000 | USB | (MPJ/HFD) |
| 11082 | E07a | 1-5 | 1530 | Fri | 101 101 101 000 | USB | (MPJ/HFD) |
| 12177 | E07a | 2-5 | 0800 | Sat | 148 0 | USB | (HFD) |
| 13477 | E07a | 2-5 | 0820 | Sat | 148 0 | USB | (HFD) |
| 12182 | E07a | 8-5 | 1510 | Fri | 101 101 101 000 | USB | (AB/GHn) |
| 11082 | E07a | 8-5 | 1530 | Fri | 101 101 101 000 | USB | (MPJ) |
| 10766 | E07a | 13-5 | 2020 | Wed | 172 1 67279 1848 57 47281 80025 12640 ... 32821 66015 67445 000 000 | USB | (AB) |
| 9266 | E07a | 13-5 | 2040 | Wed | 172 1 67279 1848 57 47281 80025 12640 ... 32821 66015 67445 000 000 | USB | (AB) |
| 12182 | E07a | 15-5 | 1510 | Fri | 171 1 67875 3753 63 02916 71524 67150 ... 4321 53333 81897 000 000 | USB | (AB) |
| 11082 | E07a | 15-5 | 1530 | Fri | 171 1 67875 3753 63 02916 71524 67150 ... 4321 53333 81897 000 000 | USB | (AB) |
| 10182 | E07a | 15-5 | 1550 | Fri | 171 1 67875 3753 63 02916 71524 67150 ... 4321 53333 81897 000 000 | USB | (AB) |
| 7933 | E07a | 21-5 | 0430 | Thu | 912 0 | USB | (HFD) |
| 9133 | E07a | 21-5 | 0450 | Thu | 912 0 | USB | (HFD) |
| 11082 | E07a | 22-5 | 1530 | Fri | 101 101 101 000 | USB | (GHn) |
| 9064 | E07a | 23-5 | 0600 | Sat | 024 024 024 000 | USB | (AB) |
| 10264 | E07a | 23-5 | 0620 | Sat | 024 024 024 000 | USB | (AB) |
| 12177 | E07a | 23-5 | 0800 | Sat | 148 148 148 000 | USB | (AB) |
| 13477 | E07a | 23-5 | 0820 | Sat | 148 148 148 000 | USB | (AB) |
| 12166 | E07a | 27-5 | 2000 | Wed | 172 1 68076 8198 69 01802 71771 13207 06838 65382 ... | USB | (MPJ) |
| 12182 | E07a | 29-5 | 1510 | Fri | 101 101 101 000 | USB | (AB/MPJ) |
| 11082 | E07a | 29-5 | 1530 | Fri | 101 101 101 000 | USB | (AB/MPJ) |
| 12177 | E07a | 30-5 | 0800 | Sat | 148 148 148 000 | USB | (AB) |
| 13477 | E07a | 30-5 | 0820 | Sat | 148 148 148 000 | USB | (AB) |
| 13424 | E11 | 1-5 | 0545 | Fri | 348/00 | USB | (AB/HFD) |
| 14753 | E11 | 1-5 | 0710 | Fri | 633/00 | USB | (AB/HFD) |
| 12924 | E11 | 1-5 | 0830 | Fri | 649/00 | USB | (HFD) |
| 8530 | E11 | 1-5 | 2000 | Fri | 576/00 | USB | (AB/MPJ/HFD) |
| 14865 | E11 | 2-5 | 1705 | Sat | 392/00 | USB | (HFD) |
| 16335 | E11 | 3-5 | 1540 | Sun | 228/00 | USB | (AB) |
| 16335 | E11 | 3-5 | 1540 | Sun | 228/00 | USB | (HFD) |
| 10800 | E11 | 4-5 | 0450 | Mon | 416/00 | USB | (HFD) |
| 9610 | E11 | 4-5 | 0745 | Mon | 262/00 | USB | (AB) |
| 16335 | E11 | 4-5 | 1540 | Mon | 228/00 | USB | (HFD) |
| 13424 | E11 | 5-5 | 0645 | Tue | 517/00 | USB | (HFD) |
| 15632 | E11 | 5-5 | 0745 | Tue | 335/00 | USB | (HFD) |
| 9610 | E11 | 5-5 | 1045 | Tue | 469/00 | USB | (HFD) |
| 13873 | E11 | 5-5 | 1045 | Tue | 576/00 | USB | (HFD) |
| 13427 | E11 | 6-5 | 0900 | Wed | 534/00 | USB | (HFD) |
| 9610 | E11 | 6-5 | 1045 | Wed | 469/00 | USB | (HFD) |
| 10356 | E11 | 7-5 | 1530 | Thu | 262/00 | USB | (MPJ) |
| 8088 | E11 | 7-5 | 1730 | Thu | 416/00 | USB | (AB/MPJ/HFD) |
| 13424 | E11 | 8-5 | 0545 | Fri | 348/00 | USB | (AB) |
| 14743 | E11 | 8-5 | 0710 | Fri | 633/00 | USB | (AB) |
| 8530 | E11 | 8-5 | 2000 | Fri | 576/00 | USB | (AB) |
| 14865 | E11 | 9-5 | 1705 | Sat | 392/00 | USB | (AB) |
| 9130 | E11 | 9-5 | 2005 | Sat | 363/00 | USB | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|------|--------------|
| 9130 | E11 | 10-5 | 2005 | Sun | 363/00 | USB | (MPJ) |
| 9610 | E11 | 11-5 | 0745 | Mon | 262/00 | USB | (AB) |
| 9610 | E11 | 11-5 | 0745 | Mon | 262/00 | USB | (HFD) |
| 12924 | E11 | 11-5 | 0830 | Mon | 649/00 | USB | (AB) |
| 13427 | E11 | 11-5 | 0900 | Mon | 534/00 | USB | (AB) |
| 16388 | E11 | 11-5 | 1110 | Mon | 952/40 Attention 44499 02781 07702 ... 50324 93700 70959 Attention, rpt msg, out | USB | (AB) |
| 14975 | E11 | 13-5 | 0805 | Wed | 311/00 | USB | (AB) |
| 13427 | E11 | 13-5 | 0900 | Wed | 534/00 | USB | (AB) |
| 15795 | E11 | 13-5 | 1625 | Wed | 978/00 | USB | (HFD) |
| 14865 | E11 | 13-5 | 1705 | Wed | 392/00 | USB | (AB) |
| 15632 | E11 | 14-5 | 0745 | Thu | 335/00 | USB | (AB) |
| 9150 | E11 | 14-5 | 0820 | Thu | 436/30 Attention 28915 59105 49804 ... 34178 29986 75793 Attention, rpt msg, out | USB | (AB) |
| 10213 | E11 | 14-5 | 0930 | Thu | 270/00 | USB | (AB) |
| 8088 | E11 | 14-5 | 1730 | Thu | 416/00 | USB | (GHn) |
| 13424 | E11 | 15-5 | 0545 | Fri | 348/00 | USB | (AB) |
| 12924 | E11 | 15-5 | 0830 | Fri | 649/00 | USB | (AB) |
| 8530 | E11 | 15-5 | 2000 | Fri | 576/00 | USB | (MPJ) |
| 14865 | E11 | 16-5 | 1705 | Sat | 392/00 | USB | (AB) |
| 14975 | E11 | 17-5 | 0805 | Sun | 311/00 | USB | (HFD) |
| 14975 | E11 | 17-5 | 0805 | Sun | 311/00 | USB | (AB) |
| 9130 | E11 | 17-5 | 2005 | Sun | 363/00 | USB | (GHn/MPJ) |
| 9150 | E11 | 18-5 | 0820 | Mon | 438/00 | USB | (AB) |
| 12924 | E11 | 18-5 | 0830 | Mon | 649/00 | USB | (AB) |
| 13427 | E11 | 18-5 | 0900 | Mon | 534/00 | USB | (AB) |
| 10487 | E11 | 18-5 | 1710 | Mon | 957/24 Attention 99182 43517 84425 ... 15119 85143 78903 Attention, rpt msg, out | USB | (AB) |
| 13424 | E11 | 19-5 | 0645 | Tue | 517/00 | USB | (AB) |
| 14753 | E11 | 19-5 | 0710 | Tue | 633/00 | USB | (AB) |
| 15803 | E11 | 19-5 | 1300 | Tue | 133/00 | USB | (AB) |
| 13427 | E11 | 20-5 | 0900 | Wed | 534/00 | USB | (AB) |
| 10213 | E11 | 20-5 | 0930 | Wed | 270/00 | USB | (AB) |
| 15803 | E11 | 20-5 | 1300 | Wed | 133/00 | USB | (AB) |
| 13424 | E11 | 21-5 | 0645 | Thu | 517/00 | USB | (AB) |
| 15632 | E11 | 21-5 | 0745 | Thu | 335/00 | USB | (AB) |
| 9150 | E11 | 21-5 | 0820 | Thu | 438/00 | USB | (AB) |
| 8088 | E11 | 21-5 | 1730 | Thu | 416/00 | USB | (AB/MPJ) |
| 13424 | E11 | 22-5 | 0545 | Fri | 348/00 | USB | (AB) |
| 14753 | E11 | 22-5 | 0710 | Fri | 633/00 | USB | (AB) |
| 9130 | E11 | 24-5 | 2005 | Sun | 363/00 | USB | (MPJ) |
| 9610 | E11 | 25-5 | 0745 | Mon | 262/00 | USB | (AB) |
| 9150 | E11 | 25-5 | 0820 | Mon | 438/00 | USB | (AB) |
| 12924 | E11 | 25-5 | 0830 | Mon | 649/00 | USB | (AB) |
| 13424 | E11 | 26-5 | 0645 | Tue | 517/00 | USB | (AB) |
| 13873 | E11 | 26-5 | 1045 | Tue | 576/00 | USB | (AB) |
| 9610 | E11 | 26-5 | 1045 | Tue | 469/00 | USB | (AB) |
| 15803 | E11 | 26-5 | 1300 | Tue | 133/00 | USB | (AB) |
| 9610 | E11 | 27-5 | 1045 | Wed | 469/00 | USB | (AB) |
| 15308 | E11 | 27-5 | 1300 | Wed | 133/00 | USB | (AB) |
| 13424 | E11 | 28-5 | 0645 | Thu | 517/00 | USB | (AB) |
| 9150 | E11 | 28-5 | 0820 | Thu | 438/00 | USB | (AB) |
| 12924 | E11 | 28-5 | 0830 | Thu | 649/00 | USB | (AB) |
| 10213 | E11 | 28-5 | 0930 | Thu | 270/00 | USB | (AB) |
| 16388 | E11 | 28-5 | 1110 | Thu | 952/31 Attention 11873 46999 36582 ... 77811 54172 12585 Attention, rpt msg, out | USB | (AB) |
| 8088 | E11 | 28-5 | 1730 | Thu | 416/38 Attention 75729 54083 59480 ... 42290 45260 87704 Attention, rpt msg, out | USB | (AB) |
| 13537 | E11 | 29-5 | 1225 | Fri | 521/00 | USB | (MPJ) |
| 8530 | E11 | 29-5 | 2000 | Fri | 576/00 | USB | (MPJ) |
| 14865 | E11 | 30-5 | 1705 | Sat | 392/00 | USB | (AB) |
| 16335 | E11 | 31-5 | 1740 | Sun | 228/00 | USB | (AB/GHn/MPJ) |
| 9130 | E11 | 31-5 | 2005 | Sun | 363/00 | USB | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|------|-----------|
| 16388 | E11a | 1-5 | 1110 | Fri | 952/32 Attention 42669 76775 79080 89053 95608 ... 31135 14208 46356 90830 91768 | USB | (MPJ) |
| 16388 | E11a | 1-5 | 1110 | Fri | 956/08 18125 | USB | (HFD) |
| 10487 | E11a | 1-5 | 1710 | Fri | 959/22 Attention 23757 79029 64117 54099 87440 ... 30562 77260 14782 86826 04336 | USB | (MPJ/HFD) |
| 13722 | E11a | 2-5 | 1405 | Sat | ip | USB | (HFD) |
| 14518 | E11a | 2-5 | 1810 | Sat | 982/10 Attention 90033 46550 95139 51575 74446 45921 74969 98924 81132 78278 Attention, rpt msg, out | USB | (AB) |
| 14518 | E11a | 2-5 | 1810 | Sat | 982/10 90033 | USB | (HFD) |
| 9130 | E11a | 2-5 | 2005 | Sat | 369/34 61340 | USB | (HFD) |
| 9130 | E11a | 3-5 | 2005 | Sun | 369/34 61340 | USB | (HFD) |
| 9130 | E11a | 3-5 | 2005 | Sun | 369/34 Attention 61340 72492 45717 ... 62428 40936 55811 Attention, rpt msg, out | USB | (AB/MPJ) |
| 12924 | E11a | 4-5 | 0830 | Mon | 640/33 Attention 84141 43664 24808 ... 82726 02954 67272 Attention, rpt msg, out | USB | (AB) |
| 16388 | E11a | 4-5 | 1110 | Mon | 952/31 Attention ... 93510 01187 ... Attention, rpt msg, out (barely audible) | USB | (AB) |
| 14518 | E11a | 5-5 | 1810 | Tue | 987/10 Attention 00051 22858 83366 52052 20455 46575 25300 25835 92641 52136 Attention, rpt msg, out | USB | (AB) |
| 10213 | E11a | 6-5 | 0930 | Wed | 278/37 60934 | USB | (HFD) |
| 16335 | E11a | 6-5 | 1155 | Wed | 712/31 99000 | USB | (HFD) |
| 16335 | E11a | 7-5 | 1155 | Thu | 712/31 99000 | USB | (HFD) |
| 16388 | E11a | 8-5 | 1110 | Fri | 952/35 Attention 53561 56608 02011 ... 76671 85005 59036 Attention, rpt msg, out | USB | (AB) |
| 10487 | E11a | 8-5 | 1710 | Fri | 957/30 Attention 45914 93510 01187 ... 64805 99854 60341 Attention, rpt msg, out (sent 31 groups) | USB | (AB/MPJ) |
| 13722 | E11a | 9-5 | 1400 | Sat | 981/10 Attention 31418 04021 31698 81602 93693 83705 78749 42634 76132 88306 Attention, rpt msg, out | USB | (AB) |
| 14518 | E11a | 9-5 | 1810 | Sat | 982/10 Attention 72776 25997 89625 40437 22571 46279 76605 14917 56571 26556 Attention, rpt msg, out | USB | (AB) |
| 9150 | E11a | 11-5 | 0820 | Mon | 436/30 = 28914 | USB | (HFD) |
| 12924 | E11a | 11-5 | 0825 | Mon | i.p. 92638 34178 19986 75793 Attention 28914 59105 49804 76719 9 stopped at 0827z (this is the message sent by POL-FSK at 0800z) | USB | (AB) |
| 10487 | E11a | 11-5 | 1710 | Mon | 953/30 Attention 62276 75579 77491 ... 18760 88714 38589 Attention, rpt msg, out | USB | (AB/MPJ) |
| 13424 | E11a | 12-5 | 0645 | Tue | 512/32 Attention 28713 87884 83956 ... 73714 99837 61724 Attention, rpt msg, out | USB | (AB) |
| 14518 | E11a | 12-5 | 1810 | Tue | 985/10 Attention 17602 93724 40747 84673 41521 32997 98220 65770 54305 09905 Attention, rpt msg, out | USB | (AB) |
| 15803 | E11a | 13-5 | 1300 | Wed | 135/37 Attention 91348 ... unreadable | USB | (AB) |
| 13908 | E11a | 13-5 | 1300 | Wed | 135/37 91348 | USB | (HFD) |
| 13424 | E11a | 14-5 | 0645 | Thu | 512/32 Attention 28713 87884 83956 ... 73714 99837 61724 Attention, rpt msg, out | USB | (AB) |
| 10487 | E11a | 15-5 | 1710 | Fri | 955/30 Attention 03876 34704 29750 ... 07230 68898 51520 Attention, rpt msg, out | USB | (AB) |
| 14769 | E11a | 16-5 | 0530 | Sat | 984/10 Attention 34282 82992 80816 04292 26132 51574 78399 61045 24897 57644 Attention, rpt msg, out | USB | (AB) |
| 14518 | E11a | 16-5 | 1810 | Sat | 986/10 Attention 41510 08564 27604 88975 08677 06483 01662 96575 75868 19906 Attention, rpt msg, out | USB | (GHn) |
| 16335 | E11a | 17-5 | 1540 | Sun | 227/37 88334 | USB | (HFD/AB) |
| 16388 | E11a | 18-5 | 1110 | Mon | 952/35 Attention 54051 00411 37223 ... 60571 57054 19654 Attention, rpt msg, out | USB | (AB) |
| 14769 | E11a | 19-5 | 0530 | Tue | 98#/## | USB | (HFD) |
| 13722 | E11a | 19-5 | 1400 | Tue | 983/10 Attention 63945 70704 23335 95545 12722 67277 69631 49190 28180 62719 Attention, rpt msg, out | USB | (AB/MPJ) |
| 14518 | E11a | 19-5 | 1810 | Tue | 988/10 Attention 75902 03682 38788 51452 33790 81347 18687 31595 52759 93503 Attention, rpt msg, out | USB | (MPJ) |
| 9610 | E11a | 20-5 | 1045 | Wed | 464/26 Attention 89086 41982 83329 ... 87323 55124 42935 Attention, rpt msg, out | USB | (AB) |
| 10356 | E11a | 21-5 | 1530 | Thu | 266/35 07889 | USB | (HFD) |
| 16388 | E11a | 22-5 | 1110 | Fri | 952/31 Attention 11837 ... | USB | (AB) |
| 13427 | E11a | 25-5 | 0900 | Mon | 532/32 Attention 46620 37562 50386 ... 41409 66601 56023 24123 Attention, rpt msg, out | USB | (AB) |
| 10487 | E11a | 25-5 | 1710 | Mon | 959/30 Attention 94074 36267 73633 ... 10025 61274 90939 Attention, rpt msg, out | USB | (GHn) |
| 14769 | E11a | 26-5 | 0533 | Tue | ip | USB | (HFD) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|-----------------|--------------|
| 15632 | E11a | 26-5 | 0745 | Tue | 330/32 Attention 45264 66426 03403 ... 09681 25954 86400 Attention, rpt msg, out | USB | (AB) |
| 13424 | E11a | 27-5 | 0545 | Wed | 340/34 Attention 81889 34271 67033 ... 37980 27748 82126 Attention, rpt msg, out | USB | (AB) |
| 14975 | E11a | 27-5 | 0805 | Wed | 311/35 Attention 35335 05797 29308 ... 83898 42488 87679 Attention, rpt msg, out | USB | (AB) |
| 13427 | E11a | 27-5 | 0900 | Wed | 532/32 Attention 46620 37562 50386 ... 66601 56023 24123 Attention, rpt msg, out | USB | (AB) |
| 13424 | E11a | 28-5 | 0545 | Thu | 340/34 Attention 81889 34271 67033 ... 37980 27748 82126 Attention, rpt msg, out | USB | (AB) |
| 14753 | E11a | 28-5 | 0710 | Thu | 636//36 Attention 51105 05382 35713 ... 60893 89858 63434 Attention, rpt msg, out | USB | (AB) |
| 15632 | E11a | 28-5 | 0745 | Thu | 330/32 Attention 45264 66426 03403 ... 09681 25954 86400 Attention, rpt msg, out | USB | (AB) |
| 10487 | E11a | 29-5 | 1710 | Fri | 953/21 Attention 38500 21319 06237 ... 86070 98178 05012 Attention, rpt msg, out | USB | (AB/MPJ) |
| 13722 | E11a | 30-5 | 1400 | Sat | 983/10 Attention 88355 32691 69540 91021 34099 12542 22510 34281 26113 23360 Attention, rpt msg, out | USB | (AB/GHn) |
| 16780 | E17z | 14-5 | 0800 | Thu | 674 821 5 52401 63919 92699 14600 74248 821 5 00000 | USB | (AB) |
| 12850 | E17z | 14-5 | 0810 | Thu | 674 821 5 52401 63919 92699 14600 74248 821 5 00000 | USB | (AB) |
| 16780 | E17z | 21-5 | 0800 | Thu | 674 283 5 38352 94289 15244 21541 56567 283 5 00000 | USB | (AB) |
| 16780 | E17Z | 21-5 | 0800 | Thu | 674 383 5 38353 | USB | (HFD) |
| 12850 | E17z | 21-5 | 0810 | Thu | 674 283 5 38352 94289 15244 21541 56567 283 5 00000 | USB | (AB) |
| 12850 | E17z | 21-5 | 0810 | Thu | 674 | USB | (HFD) |
| 16780 | E17z | 28-5 | 0800 | Thu | 674 283 5 38352 94289 15244 21541 56567 283 5 00000 | USB | (AB) |
| 12850 | E17z | 28-5 | 0810 | Thu | 674 283 5 38352 94289 15244 21541 56567 283 5 00000 | USB | (AB) |
| 19522 | EGY | 13-5 | 0700 | Wed | MFA Cairo clg OOVQ Egyptian embassy Beijing. Msg in SITOR-B | SITOR-A 100/170 | (AAI) |
| 5246 | G06 | 11-5 | 1700 | Mon | 248 248 248 00000 | AM | (MPJ/HFD) |
| 6887 | G06 | 14-5 | 1830 | Thu | 842 832 20 37839 35787 98273 ... 60491 75924 04594 832 20 00000 | USB | (AB/MPJ) |
| 5943 | G06 | 15-5 | 1930 | Fri | 218 832 20 37839 35787 98273 ... 60491 75924 04594 832 20 00000 | USB | (MPJ) |
| 5943 | G06 | 15-5 | 1930 | Fri | 218 832 20 37839 | USB | (HFD) |
| 7320 | G06 | 18-5 | 0800 | Mon | 329 0 | USB | (HFD) |
| 6887 | G06 | 28-5 | 1830 | Thu | 842 832 20 = 92839 | USB | (HFD) |
| 6887 | G06 | 28-5 | 1830 | Thu | 842 832 20 37839 35787 98273 ... 60491 75924 04594 832 20 00000 | USB | (AB/GHn) |
| 5943 | G06 | 29-5 | 1930 | Fri | 218 832 20 37839 35787 98273 ... 60491 75924 04594 832 20 00000 | USB | (AB/MPJ/GHn) |
| 5855 | HM01 | 1-5 | 0500 | Fri | 48637 10685 62001 73017 54404 72102 | AM/RDFT | (AB) |
| 10345 | HM01 | 1-5 | 0600 | Fri | 48637 10685 62001 73017 54404 72102 | AM/RDFT | (AB) |
| 10345 | HM01 | 1-5 | 0700 | Fri | 48637 10685 62001 73017 54404 72102. Should be on 9330 MHz. Stops and re-starts at 0707z. Switch to 9330 MHz at 0713z | AM/RDFT | (AB) |
| 9330 | HM01 | 1-5 | 0713 | Fri | 48637 10685 62001 73017 54404 72102. Late switch from 10345 kHz | AM/RDFT | (AB) |
| 11435 | HM01 | 1-5 | 1643 | Fri | 48638 10686 62002 73018 54405 72103 | AM/RDFT | (DSch) |
| 11530 | HM01 | 1-5 | 1659 | Fri | 48638 10686 62002 73018 54405 72103 | AM/RDFT | (DSch) |
| 11635 | HM01 | 1-5 | 1828 | Fri | 48638 10686 62002 73018 54405 72103 | AM/RDFT | (DSch) |
| 11635 | HM01 | 1-5 | 2102 | Fri | 48638 10686 62002 73018 54405 72103 | AM/RDFT | (DSch) |
| 10715 | HM01 | 1-5 | 2158 | Fri | 48638 10686 62002 73018 54405 72103 | AM/RDFT | (DSch) |
| 8135 | HM01 | 1-5 | 2308 | Fri | Cuban cut nbrs | CW | (DSch) |
| 11462 | HM01 | 2-5 | 0535 | Sat | 48638 10686 62002 73018 54405 72103 | AM/RDFT | (AB) |
| 11462 | HM01 | 2-5 | 0600 | Sat | 48638 10686 62002 73018 54405 72103. Should be on 9330 MHz. Stopped at 0602z. No show on 9330 MHz. | AM/RDFT | (AB) |
| 11435 | HM01 | 2-5 | 1628 | Sat | 48639 0687 62003 63351 54406 72104 | AM/RDFT | (DSch) |
| 11530 | HM01 | 2-5 | 1658 | Sat | 48639 0687 62003 63351 54406 72104 | AM/RDFT | (DSch) |
| 11635 | HM01 | 2-5 | 1806 | Sat | 48639 0687 62003 63351 54406 72104 | AM/RDFT | (DSch) |
| 16180 | HM01 | 2-5 | 2059 | Sat | 48639 10687 62003 63351 54406 72104 | AM/RDFT | (DSch) |
| 16180 | HM01 | 2-5 | 2159 | Sat | 48639 10687 62003 63351 54406 72104. Should be on 17480 kHz | AM/RDFT | (DSch) |
| 17480 | HM01 | 2-5 | 2201 | Sat | 48639 10687 62003 63351 54406 72104. Late start | AM/RDFT | (DSch) |
| 5855 | HM01 | 3-5 | 0500 | Sun | 48639 10687 62003 63351 54406 72104 | AM/RDFT | (AB) |
| 10345 | HM01 | 3-5 | 0600 | Sun | 48639 10687 62003 63351 54406 72104 | AM/RDFT | (AB) |
| 10345 | HM01 | 3-5 | 0630 | Sun | 48639 10687 62003 63351 54406 72104 | AM/RDFT | (Dan) |
| 9330 | HM01 | 3-5 | 0700 | Sun | 48639 10687 62003 63351 54406 72104 | AM/RDFT | (AB) |
| 9065 | HM01 | 3-5 | 0800 | Sun | 48639 10687 62003 63351 54406 72104 | AM/RDFT | (AB) |
| 9240 | HM01 | 3-5 | 0900 | Sun | 48639 10687 62003 63351 54406 72104 | AM/RDFT | (AB) |
| 11435 | HM01 | 3-5 | 1601 | Sun | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (DSch) |
| 11530 | HM01 | 3-5 | 1658 | Sun | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (DSch) |
| 11635 | HM01 | 3-5 | 1804 | Sun | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (DSch) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|---------|------------|
| 11635 | HM01 | 3-5 | 2059 | Sun | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (DSch) |
| 10715 | HM01 | 3-5 | 2159 | Sun | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (DSch) |
| 5855 | HM01 | 4-5 | 0502 | Mon | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (AB) |
| 10345 | HM01 | 4-5 | 0600 | Mon | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (AB) |
| 9330 | HM01 | 4-5 | 0700 | Mon | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (AB) |
| 9065 | HM01 | 4-5 | 0800 | Mon | 05741 57701 62004 63351 54407 72105 | AM/RDFT | (AB) |
| 11530 | HM01 | 4-5 | 1659 | Mon | 05741 57701 62005 63352 54408 72106 | AM/RDFT | (DSch) |
| 11635 | HM01 | 4-5 | 1832 | Mon | 05741 57701 62005 63352 54408 72106 | AM/RDFT | (DSch) |
| 11635 | HM01 | 4-5 | 2107 | Mon | 05741 57701 62005 63352 54408 72106 | AM/RDFT | (DSch) |
| 10715 | HM01 | 4-5 | 2212 | Mon | 05741 57701 62005 63352 54408 72106 | AM/RDFT | (DSch) |
| 10715 | HM01 | 4-5 | 2230 | Mon | 05741 57701 62005 63352 54408 72106 | AM/RDFT | (Dan) |
| 11435 | HM01 | 5-5 | 1629 | Tue | 05742 57702 62006 63353 03641 72107 | AM/RDFT | (DSch) |
| 11530 | HM01 | 5-5 | 1659 | Tue | 05742 57702 62006 63353 03641 72107 | AM/RDFT | (DSch) |
| 11635 | HM01 | 5-5 | 1806 | Tue | 05742 57702 62006 63353 03641 72107 | AM/RDFT | (DSch) |
| 16180 | HM01 | 5-5 | 2058 | Tue | 05742 57702 62006 63353 03641 72107 | AM/RDFT | (DSch) |
| 16180 | HM01 | 5-5 | 2130 | Tue | 05742 57702 62006 63353 03641 72107 | AM/RDFT | (Dan) |
| 17540 | HM01 | 5-5 | 2204 | Tue | 05742 57702 62006 63353 03641 72107 | AM/RDFT | (DSch) |
| 11462 | HM01 | 7-5 | 0515 | Thu | 05743 57703 62007 63354 03641 62421 | AM/RDFT | (AB) |
| 14375 | HM01 | 7-5 | 0600 | Thu | 05743 57703 62007 63354 03641 62421 | AM/RDFT | (AB) |
| 11635 | HM01 | 7-5 | 1558 | Thu | 05744 57704 62008 63355 03642 62421 | AM/RDFT | (DSch) |
| 16180 | HM01 | 7-5 | 1558 | Thu | 05744 57704 62008 63355 03642 62421 | AM/RDFT | (DSch) |
| 11530 | HM01 | 7-5 | 1558 | Thu | 05744 57704 62008 63355 03642 62421 | AM/RDFT | (DSch) |
| 11435 | HM01 | 7-5 | 1558 | Thu | 05744 57704 62008 63355 03642 62421 | AM/RDFT | (DSch) |
| 17540 | HM01 | 7-5 | 1558 | Thu | 05744 57704 62008 63355 03642 62421 | AM/RDFT | (DSch) |
| 17480 | HM01 | 7-5 | 2200 | Thu | 05744 57704 62008 63355 03643 62421 | AM/RDFT | (Dan) |
| 9330 | HM01 | 8-5 | 0700 | Fri | 05744 57704 62008 63355 03642 62421 | AM/RDFT | (AB) |
| 9065 | HM01 | 8-5 | 0800 | Fri | 05744 57704 62008 63355 03642 62421 | AM/RDFT | (AB) |
| 9240 | HM01 | 8-5 | 0900 | Fri | 05744 57704 62008 63355 03642 62421 | AM/RDFT | (AB) |
| 11435 | HM01 | 8-5 | 1612 | Fri | 05745 57705 62009 63356 03643 62422 | AM/RDFT | (DSch) |
| 11530 | HM01 | 8-5 | 1702 | Fri | 05745 57705 62009 63356 03643 62422 | AM/RDFT | (DSch) |
| 11635 | HM01 | 8-5 | 1802 | Fri | 05745 57705 62009 63356 03643 62422 | AM/RDFT | (DSch) |
| 11635 | HM01 | 8-5 | 2103 | Fri | 05745 57705 62009 63356 03643 62422 | AM/RDFT | (DSch) |
| 10715 | HM01 | 8-5 | 2207 | Fri | 05745 57705 62009 63356 03643 62422 | AM/RDFT | (DSch) |
| 11435 | HM01 | 9-5 | 1640 | Sat | 05746 57706 08621 63357 03644 62423 | AM/RDFT | (DSch) |
| 11530 | HM01 | 9-5 | 1703 | Sat | 05746 57706 08621 63357 03644 62423 | AM/RDFT | (DSch) |
| 11635 | HM01 | 9-5 | 1808 | Sat | 05746 57706 08621 63357 03644 62423 | AM/RDFT | (DSch) |
| 16180 | HM01 | 9-5 | 2100 | Sat | 05746 57706 08621 63357 03644 62423 | AM/RDFT | (AB/DSch) |
| 17540 | HM01 | 9-5 | 2158 | Sat | 05746 57706 08621 63357 03644 62423 | AM/RDFT | (DSch) |
| 5855 | HM01 | 10-5 | 0510 | Sun | i.p. 05746 57706 08621 63357 03644 62423 | AM/RDFT | (AB) |
| 5855 | HM01 | 10-5 | 0600 | Sun | 05746 57706 08621 63357 03644 62423. Should be on 10345 kHz | AM/RDFT | (AB) |
| 10345 | HM01 | 10-5 | 0625 | Sun | i.p. 05746 57706 08621 63357 03644 62423. Now on correct freq. | AM/RDFT | (AB) |
| 9330 | HM01 | 10-5 | 0713 | Sun | i.p. 05746 57706 08621 63357 03644 62423 | AM/RDFT | (AB) |
| 9065 | HM01 | 10-5 | 0808 | Sun | i.p. 05746 57706 08621 63357 03644 62423 | AM/RDFT | (AB) |
| 11435 | HM01 | 10-5 | 1645 | Sun | 05747 57707 08621 63358 03645 62424 | AM/RDFT | (DSch) |
| 11530 | HM01 | 10-5 | 1658 | Sun | 05747 57707 08621 63358 03645 62424 | AM/RDFT | (DSch) |
| 11635 | HM01 | 10-5 | 1758 | Sun | 05747 57707 08621 63358 03645 62424 | AM/RDFT | (DSch) |
| 11635 | HM01 | 10-5 | 2101 | Sun | 05747 57707 08621 63358 03645 62424 | AM/RDFT | (DSch) |
| 10715 | HM01 | 10-5 | 2200 | Sun | 05747 57707 08621 63358 03645 62424 | AM/RDFT | (DSch) |
| 10345 | HM01 | 11-5 | 0600 | Mon | 05747 57707 08621 63358 03645 62424 | AM/RDFT | (AB) |
| 11435 | HM01 | 11-5 | 1558 | Mon | 05748 57708 08622 84021 03646 62425 | AM/RDFT | (DSch) |
| 11530 | HM01 | 11-5 | 1715 | Mon | 05748 57708 08622 84021 03646 62425 | AM/RDFT | (DSch) |
| 11635 | HM01 | 11-5 | 1759 | Mon | 05748 57708 08622 84021 03646 62425 | AM/RDFT | (DSch) |
| 10715 | HM01 | 11-5 | 2230 | Mon | 05748 11090 08622 84021 03646 62426 | AM/RDFT | (Dan) |
| 11435 | HM01 | 12-5 | 1557 | Tue | 05748 11090 08622 84021 03646 62425 then off | AM/RDFT | (DSch) |
| 11435 | HM01 | 12-5 | 1558 | Tue | 05749 11091 08623 84021 03647 62426 | AM/RDFT | (DSch) |
| 11530 | HM01 | 12-5 | 1700 | Tue | 05749 11091 08623 84021 03647 62426 | AM/RDFT | (DSch) |
| 11635 | HM01 | 12-5 | 1803 | Tue | 05749 11091 08623 84021 03647 62426 | AM/RDFT | (DSch) |
| 11635 | HM01 | 12-5 | 1858 | Tue | 05749 11091 08623 84021 03647 62426 | AM/RDFT | (BW3) |
| 16180 | HM01 | 12-5 | 2113 | Tue | 05749 11091 08623 84021 03647 62426 | AM/RDFT | (DSch) |
| 17480 | HM01 | 12-5 | 2200 | Tue | 05749 11091 08623 84021 03647 62426 | AM/RDFT | (Dan) |
| 17480 | HM01 | 12-5 | 2200 | Tue | 05749 11091 08623 84021 03647 62426 | AM/RDFT | (DSch/BW3) |
| 8009 | HM01 | 12-5 | 2204 | Tue | HM01 and M08a at the same time. Should be M08a | AM/RDFT | (DSch) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|---------|-----------|
| 11435 | HM01 | 13-5 | 1559 | Wed | 60641 11092 08624 84022 03648 62427 | AM/RDFT | (DSch) |
| 11530 | HM01 | 13-5 | 1729 | Wed | 60641 11092 08624 84022 03648 62427 | AM/RDFT | (DSch) |
| 11635 | HM01 | 13-5 | 1758 | Wed | 60641 11092 08624 84022 03648 62427 | AM/RDFT | (DSch) |
| 10715 | HM01 | 13-5 | 2158 | Wed | 60641 11092 08624 84022 03648 62427 | AM/RDFT | (DSch) |
| 10715 | HM01 | 13-5 | 2230 | Wed | 60641 11092 08624 84022 03648 62427 | AM/RDFT | (Dan) |
| 11635 | HM01 | 14-5 | 1805 | Thu | 60641 11093 08625 84023 52031 62428 | AM/RDFT | (DSch) |
| 16180 | HM01 | 14-5 | 2115 | Thu | 60641 11093 08625 84023 52031 62428 | AM/RDFT | (DSch) |
| 17480 | HM01 | 14-5 | 2214 | Thu | 60641 11093 08625 84023 52031 62428 | AM/RDFT | (DSch) |
| 17480 | HM01 | 14-5 | 2230 | Thu | 60641 11093 08625 84023 52031 62428 | AM/RDFT | (Dan) |
| 8135 | HM01 | 14-5 | 2259 | Thu | Yesterday groups: 60641 11092 08624 84022 03648 62427. Then M081, HM01 stops at 2301z | AM/RDFT | (DSch) |
| 5855 | HM01 | 15-5 | 0513 | Fri | 60641 11093 08625 84023 52031 62428 | AM/RDFT | (AB) |
| 10345 | HM01 | 15-5 | 0559 | Fri | 60641 11093 08625 84023 52031 62428 | AM/RDFT | (AB) |
| 9330 | HM01 | 15-5 | 0729 | Fri | 60641 11093 08625 84023 52031 62428 | AM/RDFT | (AB) |
| 11435 | HM01 | 15-5 | 1604 | Fri | 60642 11094 08626 84024 52031 62429 | AM/RDFT | (DSch) |
| 11635 | HM01 | 15-5 | 2059 | Fri | 60642 11094 08626 84024 52031 62429 | AM/RDFT | (DSch) |
| 10715 | HM01 | 15-5 | 2200 | Fri | 60642 11094 08626 84024 52031 62429 | AM/RDFT | (DSch) |
| 14375 | HM01 | 16-5 | 0600 | Sat | 60642 11094 08626 84024 52031 62429 | AM/RDFT | (AB) |
| 11435 | HM01 | 16-5 | 1604 | Sat | 60643 11095 08627 84025 52032 71241 | AM/RDFT | (DSch) |
| 17480 | HM01 | 16-5 | 2235 | Sat | 60643 11095 08627 84025 52032 71241 | AM/RDFT | (BA2/Dan) |
| 11530 | HM01 | 17-5 | 1740 | Sun | 60644 11096 08628 84026 52033 71241 | AM/RDFT | (DSch) |
| 11435 | HM01 | 18-5 | 1559 | Mon | 60645 11097 64371 84027 52034 71242 | AM/RDFT | (DSch) |
| 11530 | HM01 | 18-5 | 1735 | Mon | 60645 11097 64371 84027 52034 71242 | AM/RDFT | (DSch) |
| 11635 | HM01 | 18-5 | 1804 | Mon | 60645 11097 64371 84027 52034 71242 | AM/RDFT | (DSch) |
| 11635 | HM01 | 18-5 | 2057 | Mon | 60645 11097 64371 84027 52034 71242 | AM/RDFT | (DSch) |
| 10715 | HM01 | 18-5 | 2157 | Mon | 60645 11097 64371 84027 52034 71242 | AM/RDFT | (DSch) |
| 11435 | HM01 | 19-5 | 1641 | Tue | 60646 11098 64371 84028 52035 71243 | AM/RDFT | (DSch) |
| 11635 | HM01 | 19-5 | 1759 | Tue | 60646 11098 64371 84028 52035 71243 | AM/RDFT | (DSch) |
| 11435 | HM01 | 20-5 | 1628 | Wed | 60647 11099 64372 84029 52036 71244 | AM/RDFT | (DSch) |
| 10345 | HM01 | 21-5 | 0600 | Thu | 60647 11099 64372 84029 52036 71244 | AM/RDFT | (HFD) |
| 16180 | HM01 | 21-5 | 2107 | Thu | 60648 61771 64373 72351 52037 71245 | AM/RDFT | (DSch) |
| 11435 | HM01 | 22-5 | 1640 | Fri | 73681 61771 64374 72351 52038 71246 | AM/RDFT | (DSch) |
| 9330 | HM01 | 24-5 | 0700 | Sun | 73681 61772 64375 72352 25251 71247 | AM/RDFT | (AB) |
| 11435 | HM01 | 24-5 | 1559 | Sun | 73682 61773 64376 72353 25251 57581 | AM/RDFT | (DSch) |
| 9065 | HM01 | 25-5 | 0800 | Mon | 73682 61773 64376 72353 25251 57581 | AM/RDFT | (AB) |
| 9240 | HM01 | 25-5 | 0900 | Mon | 73682 61773 64376 72353 25251 57581 | AM/RDFT | (AB) |
| 11435 | HM01 | 25-5 | 1659 | Mon | 73684 61775 64378 72355 25253 57582 | AM/RDFT | (DSch) |
| 11530 | HM01 | 25-5 | 1728 | Mon | 73684 61775 64378 72355 25253 57582 | AM/RDFT | (DSch) |
| 11635 | HM01 | 25-5 | 1809 | Mon | 73684 61775 64378 72355 25253 57582 | AM/RDFT | (DSch) |
| 11635 | HM01 | 25-5 | 2128 | Mon | 73684 61775 64378 72355 25253 57582 | AM/RDFT | (DSch) |
| 10715 | HM01 | 25-5 | 2227 | Mon | 73684 61775 64378 72355 25253 57582 | AM/RDFT | (DSch) |
| 11462 | HM01 | 26-5 | 0500 | Tue | 73684 61775 64378 72355 25253 57582 | AM/RDFT | (AB) |
| 11435 | HM01 | 26-5 | 1559 | Tue | 73685 61776 32551 72356 25254 57583 | AM/RDFT | (DSch) |
| 11530 | HM01 | 26-5 | 1707 | Tue | 73685 61776 32551 72356 25254 57583 | AM/RDFT | (DSch) |
| 11435 | HM01 | 27-5 | 1602 | Wed | 73686 61777 32551 72357 25255 57584 | AM/RDFT | (DSch) |
| 11530 | HM01 | 27-5 | 1734 | Wed | 73686 61777 32551 72357 25255 57584 | AM/RDFT | (DSch) |
| 11635 | HM01 | 27-5 | 1816 | Wed | 73686 61777 32551 72357 25255 57584 | AM/RDFT | (DSch) |
| 11435 | HM01 | 28-5 | 1559 | Thu | 73687 37161 32552 72358 25256 57585 at 281559 | AM/RDFT | (DSch) |
| 5855 | HM01 | 29-5 | 0506 | Fri | 73687 37161 32552 72358 25256 57585 Late start. No callup, directly into RDFT | AM/RDFT | (AB) |
| 11435 | HM01 | 29-5 | 1559 | Fri | 73687 37161 32552 72358 25256 57585. Stops at 1555z. Then starts with 30581 37161 32553 72359 25257 57586 | AM/RDFT | (DSch) |
| 11635 | HM01 | 29-5 | 1758 | Fri | 30581 37161 32553 72359 25257 57586 | AM/RDFT | (DSch) |
| 11635 | HM01 | 29-5 | 2102 | Fri | 30581 37161 32553 72359 25257 57586 | AM/RDFT | (DSch) |
| 10715 | HM01 | 29-5 | 2158 | Fri | 30581 37161 32553 72359 25257 57586 | AM/RDFT | (DSch) |
| 8135 | HM01 | 29-5 | 2302 | Fri | 30581 37161 32553 72359 25257 57586. Should be M08a | AM/RDFT | (DSch) |
| 16180 | HM01 | 30-5 | 2128 | Sat | 30581 37162 32554 09501 25258 57587 | AM/RDFT | (AB/DSch) |
| 11530 | HM01 | 30-5 | 2159 | Sat | 30581 37162 32554 98501 25258 57587 30581 etc 301729 | AM/RDFT | (DSch) |
| 11435 | HM01 | 30-5 | 2159 | Sat | 30581 37162 32554 98501 25258 57587 30581 37162 32554 98501 25258 57587 at 301605 | AM/RDFT | (DSch) |
| 17480 | HM01 | 30-5 | 2159 | Sat | 30581 37162 32554 98501 25258 57587 | AM/RDFT | (DSch) |
| 8009 | HM01 | 30-5 | 2320 | Sat | HM01 transmission on and off. Should be M08a | AM/RDFT | (DSch) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|-----------|-----------|
| 7351 | HM02 | 8-5 | 0515 | Fri | 999 867 31 = 83117 64559 46942 ... 64682 81809 23860 = 867 31 867 31 = repeat msg = 867 31 000 (I missed the callup) | CW | (AB) |
| 7351 | HM02 | 10-5 | 0540 | Sun | 999 329 29 = 02286 97569 76789 ... 94225 36505 75820 = 329 29 0 0 0 | FSK-CW/CW | (AB) |
| 7351 | HM02 | 11-5 | 0540 | Mon | 999 146 29 = 57836 55344 40358 ... 97715 35535 96653 = 146 29 000 | FSK-CW/CW | (AB) |
| 7351 | HM02 | 12-5 | 0540 | Tue | 999 497 28 = 35884 90810 54941 ... 17515 67491 76125 = 497 28 000 | FSK-CW/CW | (AB) |
| 7351 | HM02 | 13-5 | 0540 | Wed | 999 521 30 = 01118 99238 34749 ... 49032 51143 85498 = 521 30 000 | FSK-CW/CW | (AB) |
| 7351 | HM02 | 14-5 | 0540 | Thu | 999 765 30 = 46103 77661 01170 ... 61038 20350 33652 = 765 30 000 | FSK-CW/CW | (AB) |
| 6435 | M01 | 2-5 | 1500 | Sat | 025 33330 = 52854 | CW | (HFD) |
| 5280 | M01 | 5-5 | 1800 | Tue | 025 745 30 = 17503 | CW | (HFD) |
| 4905 | M01 | 5-5 | 2000 | Tue | 025 745 30 = 17503 | CW | (HFD) |
| 5280 | M01 | 14-5 | 1800 | Thu | 250 817 30 = = 27528 0276... (lost in noise) | CW | (MPJ) |
| 4905 | M01 | 19-5 | 2000 | Tue | 025 176 27 (no BTs) 75365 76697 96182 83462 86338 ... | CW | (MPJ) |
| 6780 | M01 | 31-5 | 0700 | Sun | 025 918 30 = 96209 | CW | (HFD) |
| 5075 | M01b | 1-5 | 1902 | Fri | 336 159 38 = = 65727 36522 31847 59259 25310... //5465 kHz | MCW | (MPJ/HFD) |
| 5465 | M01b | 1-5 | 1902 | Fri | 336 159 38 = = 65727 36522 31847 59259 25310... //5075 kHz | MCW | (MPJ/HFD) |
| 4895 | M01b | 1-5 | 2010 | Fri | 467 159 38 = 65727 4895 //5340 | CW | (HFD) |
| 5340 | M01b | 1-5 | 2010 | Fri | 467 159 38 = 65727 4895 //4895 | CW | (HFD) |
| 5735 | M01b | 4-5 | 1810 | Mon | 364 159 38 = 65727 //5125 | CW | (HFD) |
| 5125 | M01b | 4-5 | 1810 | Mon | 364 159 38 = 65727 //5735 | CW | (HFD) |
| 5475 | M01b | 4-5 | 1915 | Mon | 858 159 38 = 65727 //5150 | CW | (HFD) |
| 5150 | M01b | 4-5 | 1915 | Mon | 858 159 38 = 65727 //5475 | CW | (HFD) |
| 5095 | M01b | 7-5 | 1832 | Thu | 815 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 | MCW | (MPJ/HFD) |
| 5760 | M01b | 7-5 | 1832 | Thu | 815 159 38 = 65727 //5095 | CW | (HFD) |
| 5065 | M01b | 7-5 | 1942 | Thu | 936 159 38 = 65727 //5805 | CW | (HFD) |
| 5805 | M01b | 7-5 | 1942 | Thu | 936 159 38 = 65727 //5065 | CW | (HFD) |
| 5465 | M01b | 8-5 | 1902 | Fri | 336 159 38 = = 65727 36522 31847 59259 25310 ... 13487 32196 62002 12569 73149 = = 159 38 000 //5075 kHz | MCW | (AB) |
| 5075 | M01b | 8-5 | 1902 | Fri | 336 159 38 = = 65727 36522 31847 59259 25310 ... 13487 32196 62002 12569 73149 = = 159 38 000 //5465 kHz | MCW | (AB) |
| 5340 | M01b | 8-5 | 2010 | Fri | 467 159 159 38 38 = = etc | MCW | (AB) |
| 5125 | M01b | 11-5 | 1810 | Mon | 364 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5735 kHz | MCW | (MPJ) |
| 5735 | M01b | 11-5 | 1810 | Mon | 364 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5125 kHz | MCW | (MPJ) |
| 5475 | M01b | 11-5 | 1915 | Mon | 858 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5150 kHz | MCW | (AB/MPJ) |
| 5150 | M01b | 11-5 | 1915 | Mon | 858 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5475 kHz | MCW | (AB/MPJ) |
| 5805 | M01b | 14-5 | 1942 | Thu | 936 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 | MCW | (MPJ) |
| 5465 | M01b | 15-5 | 1902 | Fri | 336 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5075 kHz | MCW | (MPJ) |
| 5075 | M01b | 15-5 | 1902 | Fri | 336 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5465 kHz | MCW | (MPJ) |
| 5475 | M01b | 18-5 | 1915 | Mon | 858 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5155 kHz | MCW | (MPJ) |
| 5155 | M01b | 18-5 | 1915 | Mon | 858 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5475 kHz | MCW | (MPJ) |
| 5095 | M01b | 21-5 | 1832 | Thu | 815 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5760 kHz | MCW | (MPJ) |
| 5760 | M01b | 21-5 | 1832 | Thu | 815 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5095 kHz | MCW | (MPJ) |
| 5805 | M01b | 21-5 | 1942 | Thu | 936 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5065 kHz | MCW | (MPJ) |
| 5065 | M01b | 21-5 | 1942 | Thu | 936 159 38 = = 65727 36522 31847 59259 25310 ... 13387 32196 62002 12569 73149 = = 159 38 000 //5805 kHz | MCW | (MPJ) |
| 5805 | M01b | 28-5 | 1942 | Thu | 936 159 38 = = 65727 36522 31847 59259 25310 ... = = 159 38 000 //5065 kHz | CW | (MPJ) |
| 5065 | M01b | 28-5 | 1942 | Thu | 936 159 38 = = 65727 36522 31847 59259 25310 ... = = 159 38 000 //5805 kHz | CW | (MPJ) |
| 15632 | M03 | 1-5 | 1420 | Fri | 874/37 = 79702 41588 42885 89493 36605 ... 12384 45643 12037 41310 87693 = = 874/37 ... (repeats) | CW | (MPJ) |
| 15632 | M03 | 1-5 | 1420 | Fri | 874/37 = 79702 | CW | (HFD) |
| 7837 | M03 | 3-5 | 1320 | Sun | 437/00 | CW | (HFD) |
| 7727 | M03 | 4-5 | 1320 | Mon | 543/00 | CW | (HFD) |
| 7837 | M03 | 7-5 | 1320 | Thu | 437/00 = 000 (VVV at 1313z) | CW | (AB/MPJ) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|------|------------|
| 7727 | M03 | 13-5 | 1320 | Wed | 540/37 = = 60598 81989 68883 ... 81216 66765 11742 = 0 0 0 | CW | (AB) |
| 7727 | M03 | 18-5 | 1320 | Mon | VVV 543/00 = = 000 | CW | (AB) |
| 7727 | M03 | 20-5 | 1320 | Wed | VVV 543/00 = = 000 | CW | (AB) |
| 7837 | M03 | 21-5 | 1320 | Thu | 435/38 = = 94181 36974 45579 ... 56558 50536 69013 = 435/38 = = repeat msg = 000 | CW | (AB/WP3) |
| 7837 | M03 | 24-5 | 1320 | Sun | 435/38 94181 36974 45579 ... 56558 50536 69013 = = 000 | CW | (AB) |
| 7727 | M03 | 25-5 | 1320 | Mon | 543/00 = = 000 | CW | (AB) |
| 7727 | M03 | 27-5 | 1320 | Wed | 543/00 = = 000 | CW | (AB/MPJ) |
| 7837 | M03 | 28-5 | 1320 | Thu | 437/00 = = 000 | CW | (AB) |
| 15632 | M03 | 29-5 | 1420 | Fri | 879/00 = = 000 | CW | (AB/MPJ) |
| 7837 | M03 | 31-5 | 1320 | Sun | 437/00 = = 000 | CW | (AB) |
| 15632 | M03 | 31-5 | 1420 | Sun | 879/00 = = 000 | CW | (AB/MPJ) |
| 7554 | M08a | 1-5 | 2009 | Fri | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 2-5 | 1959 | Sat | Cuban cut nbrs: AGNRN NNWTA DWTNN | CW | (DSch) |
| 8009 | M08a | 2-5 | 2305 | Sat | Cuban cut nbrs into text, no callup | CW | (DSch) |
| 8135 | M08a | 3-5 | 2300 | Sun | Tuning of the transmitter but no transmission | CW | (DSch) |
| 8096 | M08a | 4-5 | 1359 | Mon | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 4-5 | 2003 | Mon | Cuban cut nbrs | CW | (DSch) |
| 8096 | M08a | 5-5 | 1402 | Tue | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 5-5 | 1959 | Tue | Cuban cut nbrs | CW | (DSch) |
| 8096 | M08a | 7-5 | 1412 | Thu | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 7-5 | 2007 | Thu | Cuban cut nbrs | CW | (DSch) |
| 8135 | M08a | 8-5 | 2307 | Fri | Cuban cut nbrs | CW | (DSch) |
| 8009 | M08a | 11-5 | 2301 | Mon | Cuban cut nbrs: GRRTA (only 1 addressee) | CW | (DSch/BW3) |
| 7554 | M08a | 12-5 | 2000 | Tue | Cuban cut nbrs | CW | (DSch) |
| 8009 | M08a | 12-5 | 2313 | Tue | M08a and HM01 at the same time. Should be M08a | CW | (DSch) |
| 8096 | M08a | 13-5 | 1400 | Wed | Cuban cut nbrs | CW | (DSch) |
| 8096 | M08a | 14-5 | 1423 | Thu | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 14-5 | 1958 | Thu | Cuban cut nbrs: DGIAN UNNDA WWWRN | CW | (DSch) |
| 8135 | M08a | 14-5 | 2301 | Thu | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 16-5 | 2004 | Sat | Cuban cut nbrs | CW | (DSch) |
| 8096 | M08a | 17-5 | 1405 | Sun | Cuban cut nbrs | CW | (DSch) |
| 7555 | M08a | 17-5 | 1957 | Sun | DGI | CW | (JNC) |
| 8096 | M08a | 19-5 | 1359 | Tue | Cuban cut nbrsL: GWITN TGANA ANWWR | CW | (DSch) |
| 7554 | M08a | 22-5 | 2005 | Fri | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 25-5 | 2005 | Mon | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 26-5 | 2000 | Tue | Cuban cut nbrs: RIRAN IAAUA GUURA | CW | (DSch) |
| 8096 | M08a | 27-5 | 1401 | Wed | Cuban cut nbrs: ARUNN GTURN TDIGA | CW | (DSch) |
| 7554 | M08a | 27-5 | 2013 | Wed | Cuban cut nbrs | CW | (DSch) |
| 8135 | M08a | 28-5 | 2321 | Thu | Cuban cut nbrs | CW | (DSch) |
| 8096 | M08a | 29-5 | 1400 | Fri | Cuban cut nbrs | CW | (DSch) |
| 7554 | M08a | 29-5 | 2008 | Fri | Cuban cut nbrs. No callup. Message only | CW | (DSch) |
| 14869 | M12 | 2-5 | 2110 | Sat | 851 1 | CW | (HFD) |
| 13569 | M12 | 2-5 | 2130 | Sat | 851 1 | CW | (HFD) |
| 12169 | M12 | 2-5 | 2150 | Sat | 851 1 | CW | (HFD) |
| 6857 | M12 | 4-5 | 0430 | Mon | 850 0 | CW | (HFD) |
| 7557 | M12 | 4-5 | 0450 | Mon | 850 0 | CW | (HFD) |
| 9241 | M12 | 6-5 | 2100 | Wed | 258 1 | CW | (HFD) |
| 7541 | M12 | 6-5 | 2120 | Wed | 258 1 | CW | (HFD) |
| 6841 | M12 | 6-5 | 2140 | Wed | 258 1 | CW | (HFD) |
| 13926 | M12 | 7-5 | 1310 | Thu | 919 919 919 000 | CW | (MPJ) |
| 12126 | M12 | 7-5 | 1330 | Thu | 919 919 919 000 | CW | (MPJ) |
| 10343 | M12 | 12-5 | 1930 | Tue | 124 1 | CW | (HFD) |
| 9264 | M12 | 12-5 | 1950 | Tue | 124 1 | CW | (HFD) |
| 8116 | M12 | 12-5 | 2010 | Tue | 124 1 | CW | (HFD) |
| 13386 | M12 | 14-5 | 1700 | Thu | 725 1 | CW | (HFD) |
| 13386 | M12 | 14-5 | 1700 | Thu | 725 1 7442 119 26221 59460 20359 99335 31596 ... 29002 16170 31300 85606 15246 000 000 | CW | (MPJ) |
| 12189 | M12 | 14-5 | 1720 | Thu | 725 1 7442 119 26221 59460 20359 99335 31596 ... 29002 16170 31300 85606 15246 000 000 | CW | (MPJ) |
| 12189 | M12 | 14-5 | 1720 | Thu | 725 1 | CW | (HFD) |
| 11491 | M12 | 14-5 | 1740 | Thu | 725 1 | CW | (HFD) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|------|-----------|
| 11491 | M12 | 14-5 | 1740 | Thu | 725 1 7442 119 26221 59460 20359 99335 31596 ... 29002 16170 31300 85606 15246 000 000 | CW | (MPJ) |
| 9264 | M12 | 14-5 | 1820 | Thu | 124 1 3160 145 22925 41885 76303 21442 70890 ... 74274 59772 01460 01090 11787 000 | CW | (MPJ) |
| 8116 | M12 | 14-5 | 1840 | Thu | 124 1 3160 145 22925 41885 76303 21442 70890 ... 74274 59772 01460 01090 11787 000 | CW | (MPJ) |
| 10343 | M12 | 14-5 | 1900 | Thu | 124 1 7351 108 88463 96646 24007 39782 15731 ... 75229 52032 12865 37000 03407 000 000 | CW | (MPJ) |
| 9264 | M12 | 14-5 | 1920 | Thu | 124 1 7351 108 88463 96646 24007 39782 15731 ... 75229 52032 12865 37000 03407 000 000 | CW | (MPJ) |
| 8116 | M12 | 14-5 | 1940 | Thu | 124 1 7351 108 88463 96646 24007 39782 15731 ... 75229 52032 12865 37000 03407 000 000 | CW | (MPJ) |
| 11435 | M12 | 18-5 | 1700 | Mon | 938 1 | CW | (HFD) |
| 11435 | M12 | 18-5 | 1700 | Mon | 938 1 8314 101 96521 34917 78338 57549 83711 ... 78411 37807 66858 91462 85544 000 000 | CW | (MPJ) |
| 10598 | M12 | 18-5 | 1720 | Mon | 938 1 | CW | (HFD) |
| 10598 | M12 | 18-5 | 1720 | Mon | 938 1 8314 101 96521 34917 78338 57549 83711 ... 78411 37807 66858 91462 85544 000 000 | CW | (MPJ/AB) |
| 9347 | M12 | 18-5 | 1740 | Mon | 938 1 8314 101 96521 34917 78338 57549 83711 ... 78411 37807 66858 91462 85544 000 000 | CW | (MPJ) |
| 9327 | M12 | 18-5 | 1740 | Mon | 938 1 | CW | (HFD) |
| 8047 | M12 | 18-5 | 1800 | Mon | 463 1 8921 140 67081 59520 50754 25774 19388 ... 72964 37502 63536 40948 65116 000 000 | CW | (MPJ) |
| 6802 | M12 | 18-5 | 1820 | Mon | 463 1 8921 140 67081 59520 50754 25774 19388 ... 72964 37502 63536 40948 65116 000 000 | CW | (MPJ) |
| 5788 | M12 | 18-5 | 1840 | Mon | 463 1 8921 140 67081 59520 50754 25774 19388 ... 72964 37502 63536 40948 65116 000 000 | CW | (MPJ) |
| 9176 | M12 | 18-5 | 1900 | Mon | 257 1 5406 113 90981 95029 26255 55267 32950 ... 62677 02276 96491 62952 17027 000 000 | CW | (MPJ) |
| 7931 | M12 | 18-5 | 1920 | Mon | 257 1 5406 113 90981 95029 26255 55267 32950 ... 62677 02276 96491 62952 17027 000 000 | CW | (MPJ) |
| 6904 | M12 | 18-5 | 1940 | Mon | 257 1 5406 113 90981 95029 26255 55267 32950 ... 62677 02276 96491 62952 17027 000 000 | CW | (MPJ) |
| 10343 | M12 | 19-5 | 1930 | Tue | 124 1 3404 64 16375 45823 07856 77220 84671 ... 81095 40991 98159 81989 61648 000 000 | CW | (JNC/MPJ) |
| 9264 | M12 | 19-5 | 1950 | Tue | 124 1 3404 64 16375 45823 07856 77220 84671 ... 81095 40991 98159 81989 61648 000 000 | CW | (MPJ) |
| 9176 | M12 | 20-5 | 1800 | Wed | 257 1 | CW | (HFD) |
| 7931 | M12 | 20-5 | 1820 | Wed | 257 1 | CW | (HFD) |
| 6904 | M12 | 20-5 | 1840 | Wed | 257 1 | CW | (HFD) |
| 8047 | M12 | 20-5 | 1900 | Wed | 463 1 | CW | (HFD) |
| 6802 | M12 | 20-5 | 1920 | Wed | 463 1 | CW | (HFD) |
| 11435 | M12 | 20-5 | 1930 | Wed | 938 1 | CW | (HFD) |
| 5788 | M12 | 20-5 | 1940 | Wed | 463 1 | CW | (HFD) |
| 10598 | M12 | 20-5 | 1950 | Wed | 938 1 | CW | (HFD) |
| 9327 | M12 | 20-5 | 2010 | Wed | 938 1 | CW | (HFD) |
| 9241 | M12 | 20-5 | 2100 | Wed | 258 0 | CW | (HFD) |
| 7541 | M12 | 20-5 | 2120 | Wed | 258 0 | CW | (HFD) |
| 7984 | M12 | 21-5 | 0630 | Thu | 911 0 | CW | (HFD) |
| 9184 | M12 | 21-5 | 0650 | Thu | 911 0 | CW | (HFD) |
| 13386 | M12 | 21-5 | 1700 | Thu | 725 1 1266 100 47090 80161 05256 75839 88667 ... 29488 80646 58846 47211 03590 000 000 | CW | (MPJ) |
| 12189 | M12 | 21-5 | 1720 | Thu | 725 1 1266 100 47090 80161 05256 75839 88667 ... 29488 80646 58846 47211 03590 000 000 | CW | (MPJ) |
| 11491 | M12 | 21-5 | 1740 | Thu | 725 1 1266 100 47090 80161 05256 75839 88667 ... 29488 80646 58846 47211 03590 000 000 | CW | (MPJ) |
| 10343 | M12 | 21-5 | 1800 | Thu | 124 1 2123 154 89199 98835 71452 55957 45703 ... 35920 10744 61560 26959 51028 000 000 | CW | (MPJ) |
| 10343 | M12 | 21-5 | 1800 | Thu | 124 1 | CW | (HFD) |
| 9264 | M12 | 21-5 | 1820 | Thu | 124 1 | CW | (HFD) |
| 9264 | M12 | 21-5 | 1820 | Thu | 124 1 2123 154 89199 98835 71452 55957 45703 ... 35920 10744 61560 26959 51028 000 000 | CW | (MPJ) |
| 8116 | M12 | 21-5 | 1840 | Thu | 124 1 2123 154 89199 98835 71452 55957 45703 ... 35920 10744 61560 26959 51028 000 000 | CW | (MPJ) |
| 8116 | M12 | 21-5 | 1840 | Thu | 124 1 | CW | (HFD) |
| 10343 | M12 | 21-5 | 1900 | Thu | 124 1 | CW | (HFD) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|------|-----------|
| 10343 | M12 | 21-5 | 1900 | Thu | 124 1 8323 103 77246 74402 81831 34854 02449 ... 91024 02311 83522 18109 43600 000 000 | CW | (MPJ) |
| 9264 | M12 | 21-5 | 1920 | Thu | 124 1 | CW | (HFD) |
| 9264 | M12 | 21-5 | 1920 | Thu | 124 1 8323 103 77246 74402 81831 34854 02449 ... 91024 02311 83522 18109 43600 000 000 | CW | (MPJ) |
| 8116 | M12 | 21-5 | 1940 | Thu | 124 1 8323 103 77246 74402 81831 34854 02449 ... 91024 02311 83522 18109 43600 000 000 | CW | (MPJ) |
| 8116 | M12 | 21-5 | 1940 | Thu | 124 1 | CW | (HFD) |
| 9176 | M12 | 27-5 | 1800 | Wed | 257 1 _12 144 27515 55983 10700 43033 72038 ... stops, then: 257 1 22191 85840 ... (wrong msg?) (Ends) 15643 80790 52538 10930 80225 000 000 | CW | (MPJ) |
| 7931 | M12 | 27-5 | 1820 | Wed | 257 1 1113 144 27515 55983 10700 ... | CW | (MPJ) |
| 6904 | M12 | 27-5 | 1840 | Wed | 257 1 1113 144 27515 55983 10700 ... | CW | (MPJ) |
| 8047 | M12 | 27-5 | 1900 | Wed | 463 1 8677 145 86106 64315 66407 46781 79672 ... 73134 45476 98439 87672 93681 000 000 | CW | (MPJ) |
| 6802 | M12 | 27-5 | 1920 | Wed | 463 1 8677 145 86106 64315 66407 46781 79672 ... 73134 45476 98439 87672 93681 000 000 | CW | (MPJ) |
| 11435 | M12 | 27-5 | 1930 | Wed | 1596 65 52434 63068 81975 66197 63245 ... 20223 53165 85946 39422 45068 000 000 | CW | (MPJ) |
| 5788 | M12 | 27-5 | 1940 | Wed | 463 1 8677 145 (?) 86106 64315 66407 46781 79672 33813 ... | CW | (MPJ) |
| 10598 | M12 | 27-5 | 1950 | Wed | 1596 65 52434 63068 81975 66197 63245 ... 20223 53165 85946 39422 45068 000 000 | CW | (MPJ) |
| 13926 | M12 | 28-5 | 1310 | Thu | 919 1 | CW | (HFD) |
| 12126 | M12 | 28-5 | 1330 | Thu | 919 1 | CW | (HFD) |
| 10926 | M12 | 28-5 | 1350 | Thu | 919 1 | CW | (HFD) |
| 10343 | M12 | 28-5 | 1900 | Thu | 124 1 2542 115 86409 51909 30385 29830 04641 ... 75360 58495 74972 72266 82216 000 000 | CW | (MPJ) |
| 7485 | M14 | 1-5 | 1700 | Fri | 382 382 382 00000 | MCW | (MPJ/HFD) |
| 6891 | M14 | 1-5 | 1800 | Fri | 382 382 382 00000 | MCW | (MPJ/HFD) |
| 6856 | M14 | 12-5 | 1820 | Tue | 163 516 020 = #3378 | CW | (HFD) |
| 6856 | M14 | 12-5 | 1820 | Tue | 163 916 020 13378 14888 21551 ... 14187 18085 13568 916 020 00000 | CW | (AB) |
| 18041 | M14 | 26-5 | 0500 | Tue | 952 718 60 = 76722 88650 57571 30440 46554 49798 = 718 60 00000 | CW | (AB) |
| 18041 | M14 | 27-5 | 0500 | Wed | 952 867 50 = 32268 58510 63022 ... 71556 00869 79262 = = 867 50 00000 | CW | (AB) |
| 5938 | M14 | 27-5 | 1920 | Wed | 129 020 24145 84361 36102 54812 47213 47901 15272 93251 58217 12321 75319 54712 48912 24680 46714 37819 26712 73512 38192 42131 129 020 00000 | CW | (MPJ) |
| 5938 | M14 | 27-5 | 1920 | Wed | 417 129 20 = 23105 | CW | (HFD) |
| 4391 | M21 | 1-5 | 1832 | Fri | Russian Air Defence =992134??0????? | CW | (MPJ) |
| 5045 | M21 | 17-5 | 2003 | Sun | =99000??8????? | CW | (JPL-Sib) |
| 8193 | M32 | 2-5 | 1741 | Sat | Q5YZ DE VJF5 K | CW | (JPL-Sib) |
| 10684 | M32 | 4-5 | 1023 | Mon | XXX XXX WEGI WEGI 68702 GLAZUHA 32626948 | CW | (Eric) |
| 3299 | M32 | 4-5 | 2046 | Mon | WTX6 DE XZIU K. CM3U DE XZIU K. L1BP DE XZIU K. I2IW DE XZIU K | CW | (JPL-Sib) |
| 9134 | M32 | 12-5 | 1013 | Tue | TOC2 QTC K. TOC2 406 23 12 1310 406 T 993 = PPPPP JKMBL NCGPB PMPUI (Con- t'd) | CW | (JPL-Sib) |
| 7931 | M32 | 14-5 | 1009 | Thu | LIT9 DE YA8B QTC K | CW | (Nige) |
| 7931 | M32 | 14-5 | 1017 | Thu | XXX XXX WEGI WEGI 56940 BOLAQJ 8725 8486 | CW | (Nige) |
| 7931 | M32 | 14-5 | 1028 | Thu | XXX XXX WEGI WEGI 28315 POMORAN 2362 0592 | CW | (Nige) |
| 7931 | M32 | 14-5 | 1502 | Thu | LIT9 DE YA8B K. 5SCK DE YA8B K. F5KM DE YA8B K. BVFW DE YA8B K. WD9D DE YA8B K. KTPQ DE YA8B K. XTNB DE YA8B K RK | CW | (Nige) |
| 7931 | M32 | 14-5 | 1514 | Thu | XXX XXX WEGI WEGI 82859 ELEMENAT 5099 7987 | CW | (Nige) |
| 7931 | M32 | 14-5 | 1532 | Thu | XXX XXX WEGI WEGI 74264 BALEEC 0279 7695 KALDINEC 8497 7928 | CW | (Nige) |
| 4078 | M32 | 15-5 | 2020 | Fri | i.p. 28117 16301 15076 K | CW | (JPL-Sib) |
| 4143 | M32 | 18-5 | 2130 | Mon | ICBI DE L3D8 K QTC L3D8 676 34 19 0027 676 = ZOW 450 = followed by 5fg mes- sage | CW | (Nige) |
| 4419 | M32 | 18-5 | 2221 | Mon | MAGU 201 15 19 0104 201 = 450 = MMMMM... followed by 5lg message | CW | (Nige) |
| 4419 | M32 | 18-5 | 2225 | Mon | MAGU 870 23 19 0106 870 = 175 = MMMMM... followed by 5lg message | CW | (Nige) |
| 5213 | M32 | 18-5 | 2345 | Mon | MVKP QSA 3 K. M16S DE IE7Q QSA L K. DE M16S QSA 2 QSA | CW | (JPL-Sib) |
| 7976 | M32 | 19-5 | 0715 | Tue | LDBO QTC 236 28 19 1010 236 = 696 = followed by 5lg message | CW | (Nige) |
| 12787 | M32 | 21-5 | 0817 | Thu | VVVVV K KILB KSLB KSLBQTC K KSLB KSLB KSLB QTC AL KSLB KSLB XSLB 757 28 21 11 | CW | (comp) |
| 9288 | M32 | 21-5 | 1600 | Thu | QWQN: Russian Mil NCS, comms check with at least KYCK & QVTL. Then QTC for QVTL | CW | (MPJ) |
| 8816 | M32b | 21-5 | 1107 | Thu | 26930: Russian Naval Air Transport: rjf94 rjc38 de 26930 qto 1100 qrd XLMV XLWF qbd 5000 qre 1400 k | CW | (WP3) |
| 8029 | M32c | 4-5 | 0625 | Mon | W-markers | CW | (WP3) |
| 8029 | M32c | 4-5 | 0643 | Mon | D2WD DE TRL5 QSA 4 K. R K | CW | (Tom) |
| 8029 | M32c | 5-5 | 0740 | Tue | W-markers: Tu-95MS Bear H net | CW | (Tom) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|--------------|----------|
| 8895 | M32c | 9-5 | 0900 | Sat | W-markers: Tu-95MS Bear H net | CW | (Tom) |
| 8895 | M32c | 14-5 | 0640 | Thu | W-markers and G-markers: Tu-95MS Bear H net | CW | (Tom) |
| 8895 | M32c | 14-5 | 0700 | Thu | Ü-markers: Tu-95MS Bear H net | CW | (Tom) |
| 9128 | M32c | 14-5 | 1033 | Thu | TV6P DE QYI QTC K. QYI = 188 215 466 337 830 408 K. P7YR DE QYI K | CW | (Tom) |
| 8895 | M32c | 15-5 | 0800 | Fri | W-markers: Tu-95MS Bear H net | CW | (AB) |
| 17431 | M42c | 2-5 | 1200 | Sat | Russian diplo/intel. Null msg: 00000+++++++162)5761 | FSK 200/500 | (HFD) |
| 15827 | M42c | 2-5 | 1210 | Sat | Russian diplo/intel. Null msg: 00000+++++++162)5761 | FSK 200/500 | (HFD) |
| 13376 | M42c | 2-5 | 1220 | Sat | Russian diplo/intel. Null msg: 00000+++++++162)5761 | FSK 200/500 | (HFD) |
| 15804 | M42c | 2-5 | 1810 | Sat | Russian diplo/intel. Null msg: 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 13510 | M42c | 2-5 | 1820 | Sat | Russian diplo/intel. Null msg: 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 11129 | M42c | 2-5 | 1830 | Sat | Russian diplo/intel. Null msg: 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 10765 | M42c | 7-5 | 1900 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB/HFD) |
| 8116 | M42c | 7-5 | 1910 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB/HFD) |
| 5785 | M42c | 7-5 | 1920 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB/HFD) |
| 15804 | M42c | 9-5 | 1810 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 13510 | M42c | 9-5 | 1820 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 11129 | M42c | 9-5 | 1830 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 10765 | M42c | 14-5 | 1900 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 8116 | M42c | 14-5 | 1910 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 5785 | M42c | 14-5 | 1920 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB/MPJ) |
| 15806 | M42c | 16-5 | 1810 | Sat | Russian diplo/intel. | FSK 200/500 | (HFD) |
| 13512 | M42c | 16-5 | 1820 | Sat | Russian diplo/intel. | FSK 200/500 | (HFD) |
| 11131 | M42c | 16-5 | 1830 | Sat | Russian diplo/intel. | FSK 200/500 | (HFD) |
| 10765 | M42c | 21-5 | 1900 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 8116 | M42c | 21-5 | 1910 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 5785 | M42c | 21-5 | 1920 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 17429 | M42c | 23-5 | 1200 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 15825 | M42c | 23-5 | 1210 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 13374 | M42c | 23-5 | 1220 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 15804 | M42c | 23-5 | 1810 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 13510 | M42c | 23-5 | 1820 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 11129 | M42c | 23-5 | 1830 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 10765 | M42c | 28-5 | 1900 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB/MPJ) |
| 8116 | M42c | 28-5 | 1910 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB/MPJ) |
| 5785 | M42c | 28-5 | 1920 | Thu | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB/MPJ) |
| 17429 | M42c | 30-5 | 1200 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 15825 | M42c | 30-5 | 1210 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 13374 | M42c | 30-5 | 1220 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 15804 | M42c | 30-5 | 1810 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 13510 | M42c | 30-5 | 1820 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 11129 | M42c | 30-5 | 1830 | Sat | Russian diplo/intel. RYRYRY 00000+++++++162)5761 | FSK 200/500 | (AB) |
| 9269 | M42d | 1-5 | 0700 | Fri | Russian diplo/intel. Msg 162 on link 45136 | FSK 200/1000 | (AB) |
| 11161 | M42d | 1-5 | 0700 | Fri | Russian diplo/intel. Msg 162 on link 45136 | FSK 200/1000 | (AB) |
| 19137 | M42d | 2-5 | 1100 | Sat | Russian diplo/intel. Msg 032 on link 36882 | FSK 200/1000 | (AB) |
| 16352 | M42d | 2-5 | 1110 | Sat | Russian diplo/intel. Msg 032 on link 36882 | FSK 200/1000 | (AB) |
| 14611 | M42d | 2-5 | 1120 | Sat | Russian diplo/intel. Msg 032 on link 36882 | FSK 200/1000 | (AB) |
| 11161 | M42d | 4-5 | 0700 | Mon | Russian diplo/intel. Msg 225 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 4-5 | 0710 | Mon | Russian diplo/intel. Msg 225 on link 45136 | FSK 200/1000 | (AB) |
| 7530 | M42d | 4-5 | 0720 | Mon | Russian diplo/intel. Msg 225 on link 45136 | FSK 200/1000 | (AB) |
| 11161 | M42d | 6-5 | 0700 | Wed | Russian diplo/intel. Msg 232 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 6-5 | 0710 | Wed | Russian diplo/intel. Msg 232 on link 45136 | FSK 200/1000 | (AB) |
| 7530 | M42d | 6-5 | 0720 | Wed | Russian diplo/intel. Msg 232 on link 45136 | FSK 200/1000 | (AB) |
| 17428 | M42d | 6-5 | 1230 | Wed | Russian diplo/intel. Msg 002 on link 53277 | FSK 200/1000 | (AB) |
| 15812 | M42d | 6-5 | 1240 | Wed | Russian diplo/intel. Msg 002 on link 53277 | FSK 200/1000 | (AB) |
| 13485 | M42d | 6-5 | 1250 | Wed | Russian diplo/intel. Msg 002 on link 53277 | FSK 200/1000 | (AB) |
| 15812 | M42d | 7-5 | 1330 | Thu | Russian diplo/intel. Msg 015 on link 49237 | FSK 200/1000 | (AB) |
| 13409 | M42d | 7-5 | 1340 | Thu | Russian diplo/intel. Msg 015 on link 49237 | FSK 200/1000 | (AB) |
| 11144 | M42d | 7-5 | 1350 | Thu | Russian diplo/intel. Msg 015 on link 49237 | FSK 200/1000 | (AB) |
| 11161 | M42d | 8-5 | 0700 | Fri | Russian diplo/intel. Msg 195 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 8-5 | 0710 | Fri | Russian diplo/intel. Msg 195 on link 45136 | FSK 200/1000 | (AB) |
| 7530 | M42d | 8-5 | 0720 | Fri | Russian diplo/intel. Msg 195 on link 45136 | FSK 200/1000 | (AB) |
| 17481 | M42d | 10-5 | 0800 | Sun | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|--------------|----------|
| 15826 | M42d | 10-5 | 0810 | Sun | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |
| 13418 | M42d | 10-5 | 0820 | Sun | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |
| 17424 | M42d | 10-5 | 0900 | Sun | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 15816 | M42d | 10-5 | 0910 | Sun | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 16352 | M42d | 10-5 | 0920 | Sun | Russian diplo/intel. Msg 035 on link 36882 | FSK 200/1000 | (AB) |
| 13394 | M42d | 10-5 | 0920 | Sun | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 14611 | M42d | 10-5 | 0930 | Sun | Russian diplo/intel. Msg 035 on link 36882 | FSK 200/1000 | (AB) |
| 11161 | M42d | 11-5 | 0700 | Mon | Russian diplo/intel. Msg 240 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 11-5 | 0710 | Mon | Russian diplo/intel. Msg 240 on link 45136 | FSK 200/1000 | (AB) |
| 7530 | M42d | 11-5 | 0720 | Mon | Russian diplo/intel. Msg 240 on link 45136 | FSK 200/1000 | (AB) |
| 10521 | M42d | 11-5 | 1200 | Mon | Russian diplo/intel. Msg 240 on link 45136 | FSK 200/1000 | (AB) |
| 8127 | M42d | 11-5 | 1210 | Mon | Russian diplo/intel. Msg 240 on link 45136 | FSK 200/1000 | (AB) |
| 6945 | M42d | 11-5 | 1220 | Mon | Russian diplo/intel. Msg 240 on link 45136 | FSK 200/1000 | (AB) |
| 15836 | M42d | 11-5 | 1540 | Mon | Russian diplo/intel. Msg 122 on link 20501 | FSK 200/1000 | (AB) |
| 13424 | M42d | 11-5 | 1550 | Mon | Russian diplo/intel. Msg 122 on link 20501 | FSK 200/1000 | (AB) |
| 19607 | M42d | 12-5 | 1400 | Tue | Russian diplo/intel. Msg 090 on link 32799 | FSK 200/1000 | (AB) |
| 17459 | M42d | 12-5 | 1410 | Tue | Russian diplo/intel. Msg 090 on link 32799 | FSK 200/1000 | (AB) |
| 15921 | M42d | 12-5 | 1420 | Tue | Russian diplo/intel. Msg 090 on link 32799 | FSK 200/1000 | (AB/BW3) |
| 17434 | M42d | 12-5 | 1650 | Tue | Russian diplo/intel. Msg 140 on link 20501 | FSK 200/1000 | (AB) |
| 15787 | M42d | 12-5 | 1700 | Tue | Russian diplo/intel. Msg 140 on link 20501 | FSK 200/1000 | (AB) |
| 13374 | M42d | 12-5 | 1710 | Tue | Russian diplo/intel. Msg 140 on link 20501 | FSK 200/1000 | (AB) |
| 11427 | M42d | 12-5 | 2100 | Tue | Russian diplo/intel. Msg 007 on link 45047 | FSK 200/1000 | (AB) |
| 9254 | M42d | 12-5 | 2110 | Tue | Russian diplo/intel. Msg 007 on link 45047 | FSK 200/1000 | (AB) |
| 7689 | M42d | 12-5 | 2120 | Tue | Russian diplo/intel. Msg 007 on link 45047 | FSK 200/1000 | (AB) |
| 13376 | M42d | 12-5 | 2300 | Tue | Russian diplo/intel. | FSK 200/1000 | (BW3) |
| 11094 | M42d | 12-5 | 2310 | Tue | Russian diplo/intel. | FSK 200/1000 | (BW3) |
| 9127 | M42d | 12-5 | 2320 | Tue | Russian diplo/intel. | FSK 200/1000 | (BW3) |
| 7530 | M42d | 13-5 | 0700 | Wed | Russian diplo/intel. Msg 247 on link 45136 | FSK 200/1000 | (AB) |
| 11161 | M42d | 13-5 | 0700 | Wed | Russian diplo/intel. Msg 247 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 13-5 | 0700 | Wed | Russian diplo/intel. Msg 247 on link 45136 | FSK 200/1000 | (AB) |
| 15991 | M42d | 13-5 | 0800 | Wed | Russian diplo/intel. Msg 205 on link 45075 | FSK 200/1000 | (AB) |
| 13579 | M42d | 13-5 | 0810 | Wed | Russian diplo/intel. Msg 205 on link 45075 | FSK 200/1000 | (AB) |
| 11492 | M42d | 13-5 | 0820 | Wed | Russian diplo/intel. Msg 205 on link 45075 | FSK 200/1000 | (AB) |
| 7530 | M42d | 14-5 | 0700 | Thu | Russian diplo/intel. Msg 002 on link 45136 | FSK 200/1000 | (AB) |
| 11161 | M42d | 14-5 | 0700 | Thu | Russian diplo/intel. Msg 002 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 14-5 | 0700 | Thu | Russian diplo/intel. Msg 002 on link 45136 | FSK 200/1000 | (AB) |
| 7530 | M42d | 15-5 | 0720 | Fri | Russian diplo/intel. Msg 052 on link 45137 | FSK 200/1000 | (AB) |
| 18749 | M42d | 16-5 | 2100 | Sat | Russian diplo/intel. Msg 053 on link 32821 | FSK 200/1000 | (AB) |
| 16172 | M42d | 16-5 | 2110 | Sat | Russian diplo/intel. Msg 053 on link 32821 | FSK 200/1000 | (AB) |
| 14561 | M42d | 16-5 | 2120 | Sat | Russian diplo/intel. Msg 053 on link 32821 | FSK 200/1000 | (AB) |
| 17431 | M42d | 17-5 | 1457 | Sun | Russian diplo/intel | FSK 200/1000 | (comp) |
| 17431 | M42d | 17-5 | 1530 | Sun | Russian diplo/intel. Msg 125 on link 20501 | FSK 200/1000 | (AB) |
| 15836 | M42d | 17-5 | 1540 | Sun | Russian diplo/intel. Msg 125 on link 20501 | FSK 200/1000 | (AB) |
| 13424 | M42d | 17-5 | 1550 | Sun | Russian diplo/intel. Msg 125 on link 20501 | FSK 200/1000 | (AB) |
| 11161 | M42d | 18-5 | 0700 | Mon | Russian diplo/intel. Msg 007 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 18-5 | 0710 | Mon | Russian diplo/intel. Msg 007 on link 45136 | FSK 200/1000 | (AB) |
| 7530 | M42d | 18-5 | 0720 | Mon | Russian diplo/intel. Msg 007 on link 45136 | FSK 200/1000 | (AB) |
| 6945 | M42d | 18-5 | 1220 | Mon | Russian diplo/intel. Msg 007 on link 45136 | FSK 200/1000 | (AB) |
| 11161 | M42d | 19-5 | 0700 | Tue | Russian diplo/intel. Msg 010 on link 45137 | FSK 200/1000 | (AB) |
| 9269 | M42d | 19-5 | 0710 | Tue | Russian diplo/intel. Msg 010 on link 45137 | FSK 200/1000 | (AB) |
| 7530 | M42d | 19-5 | 0720 | Tue | Russian diplo/intel. Msg 010 on link 45137 | FSK 200/1000 | (AB) |
| 17459 | M42d | 19-5 | 1410 | Tue | Russian diplo/intel. Msg 090 on link 32799 | FSK 200/1000 | (AB/MPJ) |
| 15921 | M42d | 19-5 | 1420 | Tue | Russian diplo/intel. Msg 090 on link 32799 | FSK 200/1000 | (AB) |
| 17435 | M42d | 19-5 | 1650 | Tue | Russian Diplo/Intel. Msg NR140/15th Type 07145 GR174 on Link 20501: 27092 32274 05069 13340 32012 02476 13506 08217 | FSK 200/1000 | (MPJ) |
| 15789 | M42d | 19-5 | 1700 | Tue | Russian Diplo/Intel. Msg NR140/15th Type 07145 GR174 on Link 20501: 27092 32274 05069 13340 32012 02476 13506 08217 | FSK 200/1000 | (MPJ) |
| 13376 | M42d | 19-5 | 1710 | Tue | Russian Diplo/Intel. Msg NR140/15th Type 07145 GR174 on Link 20501: 27092 32274 05069 13340 32012 02476 13506 08217 | FSK 200/1000 | (MPJ) |
| 11161 | M42d | 20-5 | 0700 | Wed | Russian diplo/intel. Msg 015 on link 45137 | FSK 200/1000 | (AB) |
| 9269 | M42d | 20-5 | 0710 | Wed | Russian diplo/intel. Msg 015 on link 45137 | FSK 200/1000 | (AB) |
| 7530 | M42d | 20-5 | 0720 | Wed | Russian diplo/intel. Msg 015 on link 45137 | FSK 200/1000 | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|--------------|----------|
| 15991 | M42d | 20-5 | 0800 | Wed | Russian diplo/intel. Msg 140 on link 45075 | FSK 200/1000 | (AB) |
| 13579 | M42d | 20-5 | 0810 | Wed | Russian diplo/intel. Msg 140 on link 45075 | FSK 200/1000 | (AB) |
| 11429 | M42d | 20-5 | 0820 | Wed | Russian diplo/intel. Msg 140 on link 45075 | FSK 200/1000 | (AB) |
| 10521 | M42d | 20-5 | 1200 | Wed | Russian diplo/intel. Msg 015 on link 45137 | FSK 200/1000 | (AB) |
| 8127 | M42d | 20-5 | 1210 | Wed | Russian diplo/intel. Msg 015 on link 45137 | FSK 200/1000 | (AB) |
| 6945 | M42d | 20-5 | 1220 | Wed | Russian diplo/intel. Msg 015 on link 45137 | FSK 200/1000 | (AB) |
| 17428 | M42d | 20-5 | 1230 | Wed | Russian diplo/intel. Msg 224 on link 61759 | FSK 200/1000 | (AB) |
| 15812 | M42d | 20-5 | 1240 | Wed | Russian diplo/intel. Msg 224 on link 61759 | FSK 200/1000 | (AB) |
| 13485 | M42d | 20-5 | 1250 | Wed | Russian diplo/intel. Msg 224 on link 61759 | FSK 200/1000 | (AB) |
| 17434 | M42d | 20-5 | 1650 | Wed | Russian diplo/intel. Msg 140 on link 20501 | FSK 200/1000 | (AB) |
| 15787 | M42d | 20-5 | 1700 | Wed | Russian diplo/intel. Msg 140 on link 20501 | FSK 200/1000 | (AB/BW3) |
| 13374 | M42d | 20-5 | 1710 | Wed | Russian diplo/intel. Msg 140 on link 20501 | FSK 200/1000 | (AB) |
| 11161 | M42d | 21-5 | 0700 | Thu | Russian diplo/intel. Msg 017 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 21-5 | 0710 | Thu | Russian diplo/intel. Msg 017 on link 45136 | FSK 200/1000 | (AB) |
| 7530 | M42d | 21-5 | 0720 | Thu | Russian diplo/intel. Msg 017 on link 45136 | FSK 200/1000 | (AB) |
| 10521 | M42d | 21-5 | 1200 | Thu | Russian diplo/intel. Msg 017 on link 45136 | FSK 200/1000 | (AB) |
| 8127 | M42d | 21-5 | 1210 | Thu | Russian diplo/intel. Msg 017 on link 45136 | FSK 200/1000 | (AB) |
| 6945 | M42d | 21-5 | 1220 | Thu | Russian diplo/intel. Msg 017 on link 45136 | FSK 200/1000 | (AB) |
| 16187 | M42d | 22-5 | 0600 | Fri | Russian diplo/intel. Msg 127 on link 40988 | FSK 200/1000 | (AB) |
| 14406 | M42d | 22-5 | 0610 | Fri | Russian diplo/intel. Msg 127 on link 40988 | FSK 200/1000 | (AB) |
| 12189 | M42d | 22-5 | 0620 | Fri | Russian diplo/intel. Msg 127 on link 40988 | FSK 200/1000 | (AB) |
| 11161 | M42d | 22-5 | 0700 | Fri | Russian diplo/intel. Msg 112 on link 45137 | FSK 200/1000 | (AB) |
| 9269 | M42d | 22-5 | 0710 | Fri | Russian diplo/intel. Msg 112 on link 45137 | FSK 200/1000 | (AB) |
| 7530 | M42d | 22-5 | 0720 | Fri | Russian diplo/intel. Msg 112 on link 45137 | FSK 200/1000 | (AB) |
| 17481 | M42d | 23-5 | 0800 | Sat | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |
| 15826 | M42d | 23-5 | 0820 | Sat | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |
| 13418 | M42d | 23-5 | 0840 | Sat | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |
| 17424 | M42d | 23-5 | 0900 | Sat | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 15816 | M42d | 23-5 | 0910 | Sat | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 13394 | M42d | 23-5 | 0920 | Sat | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 19137 | M42d | 23-5 | 1100 | Sat | Russian diplo/intel. Msg 040 on link 36882 | FSK 200/1000 | (AB) |
| 16352 | M42d | 23-5 | 1110 | Sat | Russian diplo/intel. Msg 040 on link 36882 | FSK 200/1000 | (AB) |
| 14611 | M42d | 23-5 | 1120 | Sat | Russian diplo/intel. Msg 040 on link 36882 | FSK 200/1000 | (AB) |
| 18749 | M42d | 23-5 | 2100 | Sat | Russian diplo/intel. Msg 002 on link 32821 | FSK 200/1000 | (AB) |
| 16172 | M42d | 23-5 | 2110 | Sat | Russian diplo/intel. Msg 002 on link 32821 | FSK 200/1000 | (AB) |
| 14561 | M42d | 23-5 | 2120 | Sat | Russian diplo/intel. Msg 002 on link 32821 | FSK 200/1000 | (AB) |
| 17481 | M42d | 24-5 | 0800 | Sun | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |
| 15826 | M42d | 24-5 | 0810 | Sun | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |
| 13418 | M42d | 24-5 | 0820 | Sun | Russian diplo/intel. Msg 020 on link 45115 | FSK 200/1000 | (AB) |
| 17424 | M42d | 24-5 | 0900 | Sun | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 15816 | M42d | 24-5 | 0910 | Sun | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 13394 | M42d | 24-5 | 0920 | Sun | Russian diplo/intel. Msg 177 on link 45057 | FSK 200/1000 | (AB) |
| 19137 | M42d | 24-5 | 1100 | Sun | Russian diplo/intel. Msg 040 on link 36882 | FSK 200/1000 | (AB) |
| 17433 | M42d | 24-5 | 1530 | Sun | Russian diplo/intel. Msg 127 on link 20501 | FSK 200/1000 | (AB) |
| 15838 | M42d | 24-5 | 1540 | Sun | Russian diplo/intel. Msg 127 on link 20501 | FSK 200/1000 | (AB/MPJ) |
| 13426 | M42d | 24-5 | 1550 | Sun | Russian diplo/intel. Msg 127 on link 20501 | FSK 200/1000 | (AB/MPJ) |
| 11161 | M42d | 25-5 | 0700 | Mon | Russian diplo/intel. Msg 022 on link 45137 | FSK 200/1000 | (AB) |
| 9269 | M42d | 25-5 | 0710 | Mon | Russian diplo/intel. Msg 022 on link 45137 | FSK 200/1000 | (AB) |
| 7530 | M42d | 25-5 | 0720 | Mon | Russian diplo/intel. Msg 022 on link 45137 | FSK 200/1000 | (AB) |
| 10521 | M42d | 25-5 | 1200 | Mon | Russian diplo/intel. Msg 022 on link 45137 | FSK 200/1000 | (AB) |
| 8127 | M42d | 25-5 | 1210 | Mon | Russian diplo/intel. Msg 022 on link 45137 | FSK 200/1000 | (AB) |
| 7530 | M42d | 26-5 | 0720 | Tue | Russian diplo/intel. Msg 025 on link 45136 | FSK 200/1000 | (AB) |
| 10521 | M42d | 26-5 | 1200 | Tue | Russian diplo/intel. Not decoded, incorrect shift (should be 1000) | FSK 200/500 | (AB) |
| 6945 | M42d | 26-5 | 1220 | Tue | Russian diplo/intel. Not decoded, incorrect shift (should be 1000) | FSK 200/500 | (AB) |
| 19607 | M42d | 26-5 | 1400 | Tue | Russian diplo/intel. Msg 002 on link 32799 | FSK 200/1000 | (AB) |
| 17459 | M42d | 26-5 | 1410 | Tue | Russian diplo/intel. Msg 002 on link 32791 | FSK 200/1000 | (AB) |
| 15921 | M42d | 26-5 | 1420 | Tue | Russian diplo/intel. Msg 002 on link 32799 | FSK 200/1000 | (AB) |
| 17434 | M42d | 26-5 | 1650 | Tue | Russian diplo/intel. Msg 002 on link 20501 | FSK 200/1000 | (AB) |
| 15787 | M42d | 26-5 | 1700 | Tue | Russian diplo/intel. Msg 002 on link 20501 | FSK 200/1000 | (AB) |
| 13374 | M42d | 26-5 | 1710 | Tue | Russian diplo/intel. Msg 002 on link 20501 | FSK 200/1000 | (AB) |
| 11427 | M42d | 26-5 | 2050 | Tue | Russian diplo/intel. Test started with an incorrect shift (500Hz) then switched to 1000Hz | FSK 200/1000 | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|--------|------|------|------|-----|--|--------------|----------|
| 11427 | M42d | 26-5 | 2100 | Tue | Russian diplo/intel. Msg 002 on link 45057 | FSK 200/1000 | (AB) |
| 9254 | M42d | 26-5 | 2110 | Tue | Russian diplo/intel. Msg 002 on link 45057 | FSK 200/1000 | (AB) |
| 7689 | M42d | 26-5 | 2120 | Tue | Russian diplo/intel. Msg 002 on link 45057 | FSK 200/1000 | (AB) |
| 11161 | M42d | 27-5 | 0700 | Wed | Russian diplo/intel. Msg 030 on link 45137 | FSK 200/1000 | (AB) |
| 9269 | M42d | 27-5 | 0710 | Wed | Russian diplo/intel. Msg 030 on link 45137 | FSK 200/1000 | (AB) |
| 7530 | M42d | 27-5 | 0720 | Wed | Russian diplo/intel. Msg 030 on link 45137 | FSK 200/1000 | (AB) |
| 15991 | M42d | 27-5 | 0800 | Wed | Russian diplo/intel. Msg 002 on link 45075 | FSK 200/1000 | (AB) |
| 13579 | M42d | 27-5 | 0810 | Wed | Russian diplo/intel. Msg 002 on link 45075 | FSK 200/1000 | (AB) |
| 11492 | M42d | 27-5 | 0820 | Wed | Russian diplo/intel. Msg 002 on link 45075 | FSK 200/1000 | (AB) |
| 15863 | M42d | 27-5 | 0925 | Wed | Russian diplo/intel. Msg 002 on link 20492 | FSK 200/1000 | (AB) |
| 10521 | M42d | 27-5 | 1200 | Wed | Russian diplo/intel. NR030/26th Type 07145 GR203 on Link 47158. 25277 09671 06681 15273 01150 03886 53297 12535 ... Weak | FSK 200/1000 | (AB/MPJ) |
| 8127 | M42d | 27-5 | 1210 | Wed | Russian diplo/intel. Barely audible | FSK 200/1000 | (AB) |
| 16187 | M42d | 28-5 | 0600 | Thu | Russian diplo/intel. Msg 130 on link 40988 | FSK 200/1000 | (AB) |
| 14406 | M42d | 28-5 | 0610 | Thu | Russian diplo/intel. Msg 130 on link 40988 | FSK 200/1000 | (AB) |
| 12189 | M42d | 28-5 | 0620 | Thu | Russian diplo/intel. Msg 130 on link 40988 | FSK 200/1000 | (AB) |
| 11161 | M42d | 28-5 | 0700 | Thu | Russian diplo/intel. Msg 032 on link 45136 | FSK 200/1000 | (AB) |
| 9269 | M42d | 28-5 | 0710 | Thu | Russian diplo/intel. Msg 032 on link 45136 | FSK 200/1000 | (AB) |
| 7530 | M42d | 28-5 | 0720 | Thu | Russian diplo/intel. Msg 032 on link 45136 | FSK 200/1000 | (AB) |
| 10521 | M42d | 28-5 | 1200 | Thu | Russian diplo/intel. Msg 032 on link 45136 | FSK 200/1000 | (AB) |
| 8127 | M42d | 28-5 | 1210 | Thu | Russian diplo/intel. Msg 032 on link 45136 | FSK 200/1000 | (AB) |
| 6945 | M42d | 28-5 | 1220 | Thu | Russian diplo/intel. Msg 032 on link 45136 | FSK 200/1000 | (AB) |
| 15812 | M42d | 28-5 | 1330 | Thu | Russian diplo/intel. Msg 162 on link 49237 | FSK 200/1000 | (AB) |
| 13409 | M42d | 28-5 | 1340 | Thu | Russian diplo/intel. Msg 162 on link 49237 | FSK 200/1000 | (AB) |
| 11144 | M42d | 28-5 | 1350 | Thu | Russian diplo/intel. Msg 162 on link 49237 | FSK 200/1000 | (AB) |
| 11161 | M42d | 29-5 | 0700 | Fri | Russian diplo/intel. Msg 195 on link 45137 | FSK 200/1000 | (AB) |
| 9269 | M42d | 29-5 | 0710 | Fri | Russian diplo/intel. Msg 195 on link 45137 | FSK 200/1000 | (AB) |
| 7530 | M42d | 29-5 | 0720 | Fri | Russian diplo/intel. Msg 195 on link 45137 | FSK 200/1000 | (AB) |
| 19137 | M42d | 30-5 | 1100 | Sat | Russian diplo/intel. Msg 042 on link 36882 | FSK 200/1000 | (AB) |
| 16352 | M42d | 30-5 | 1110 | Sat | Russian diplo/intel. Msg 042 on link 36882 | FSK 200/1000 | (AB) |
| 14611 | M42d | 30-5 | 1120 | Sat | Russian diplo/intel. Msg 042 on link 36882 | FSK 200/1000 | (AB) |
| 16172 | M42d | 30-5 | 2110 | Sat | Russian diplo/intel. Msg 002 on link 32821 | FSK 200/1000 | (AB) |
| 14561 | M42d | 30-5 | 2120 | Sat | Russian diplo/intel. Msg 002 on link 32821 | FSK 200/1000 | (AB) |
| 19137 | M42d | 31-5 | 1100 | Sun | Russian diplo/intel. Msg 042 on link 36882 | FSK 200/1000 | (AB) |
| 16352 | M42d | 31-5 | 1110 | Sun | Russian diplo/intel. Msg 042 on link 36882 | FSK 200/1000 | (AB) |
| 14611 | M42d | 31-5 | 1120 | Sun | Russian diplo/intel. Msg 042 on link 36882 | FSK 200/1000 | (AB) |
| 17431 | M42d | 31-5 | 1530 | Sun | Russian diplo/intel. Msg 002 on link 20501 | FSK 200/1000 | (AB/MPJ) |
| 15836 | M42d | 31-5 | 1540 | Sun | Russian diplo/intel. Msg 002 on link 20501 | FSK 200/1000 | (AB/MPJ) |
| 13424 | M42d | 31-5 | 1550 | Sun | Russian diplo/intel. Msg 002 on link 20501 | FSK 200/1000 | (AB/MPJ) |
| 5453 | M51 | 4-5 | 0726 | Mon | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 20 M 04 09:26:53 2015 = SNDGS BFUAE //7437 kHz | CW | (Danix) |
| 7437 | M51 | 4-5 | 0726 | Mon | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 20 M 04 09:26:53 2015 = SNDGS BFUAE //5453 kHz | CW | (Danix) |
| 6825 | M51 | 4-5 | 0806 | Mon | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 69 M 05 10:06:32 2015 = RKCBD AROYG //3881 kHz | CW | (Danix) |
| 3881 | M51 | 4-5 | 0806 | Mon | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 69 M 05 10:06:32 2015 = RKCBD AROYG //6825 kHz | CW | (Danix) |
| 4483.7 | M51 | 4-5 | 1436 | Mon | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 76 M 04 16:37:21 2015 = SNUWB RKCDR //9213 kHz | CW | (Danix) |
| 9213 | M51 | 4-5 | 1436 | Mon | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 76 M 04 16:37:21 2015 = SNUWB RKCDR //4483.7 kHz | CW | (Danix) |
| 9407 | M51 | 5-5 | 1446 | Tue | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 29 M 05 16:47:16 2015 = XGIBE LWQOY //8032 kHz | CW | (Danix) |
| 8032 | M51 | 5-5 | 1446 | Tue | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 29 M 05 16:47:16 2015 = XGIBE LWQOY //9407 kHz | CW | (Danix) |
| 7529 | M51 | 6-5 | 1406 | Wed | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 62 M 06 16:06:44 2015 = KITFZ UYYMN | CW | (Danix) |
| 9461 | M51 | 8-5 | 1309 | Fri | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 11 M 07 15:09:41 2015 = YQXSV KDLPD //9434 kHz | CW | (Danix) |
| 9434 | M51 | 8-5 | 1309 | Fri | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 11 M 07 15:09:41 2015 = YQXSV KDLPD //9461 kHz | CW | (Danix) |
| 6234.5 | M51 | 9-5 | 1600 | Sat | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 06 M 07 18:01:14 2015 = FLARH BEEQZ //5869 kHz | CW | (Danix) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|------|---------|
| 5869 | M51 | 9-5 | 1600 | Sat | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 06 M 07 18:01:14 2015 = FLARH BEEQZ //6234.5 kHz | CW | (Danix) |
| 3881 | M51 | 11-5 | 0738 | Mon | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 22 M 11 09:39:12 2015 = OENKD JAUEJ //6825 kHz | CW | (Danix) |
| 6825 | M51 | 11-5 | 0738 | Mon | French MIL Intel via CNMO TSR FaviPres-Vernon: NR 22 M 11 09:39:12 2015 = OENKD JAUEJ //3881 kHz | CW | (Danix) |
| 6825 | M51 | 17-5 | 1626 | Sun | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 10 M 12 18:26:52 2015 = EIUTX LTNFE //3881 kHz | CW | (Danix) |
| 3881 | M51 | 17-5 | 1626 | Sun | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 10 M 12 18:26:52 2015 = EIUTX LTNFE //6825 kHz | CW | (Danix) |
| 9213 | M51 | 18-5 | 1402 | Mon | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 72 M 18 16:03:20 2015 = MVVHF QJOKH | CW | (Danix) |
| 6825 | M51 | 19-5 | 1018 | Tue | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 86 M 19 12:19:10 2015 = RGLDQ FIKUI //3881 kHz | CW | (Danix) |
| 3881 | M51 | 19-5 | 1018 | Tue | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 86 M 19 12:19:10 2015 = RGLDQ FIKUI //6825 kHz | CW | (Danix) |
| 9057 | M51 | 19-5 | 1214 | Tue | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 10 M 19 14:15:26 2015 = KAHIV RWJBB | CW | (Danix) |
| 3881 | M51 | 20-5 | 0915 | Wed | French MIL/Intel, CNMO TSR Favieres-Vernon: //6825 kHz | CW | (Danix) |
| 6825 | M51 | 20-5 | 0915 | Wed | French MIL/Intel, CNMO TSR Favieres-Vernon: //3881 kHz | CW | (Danix) |
| 8106 | M51 | 20-5 | 1611 | Wed | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 03 M 20 18:12:19 2015 = BEIXP GVABV //6891 kHz | CW | (Danix) |
| 6891 | M51 | 20-5 | 1611 | Wed | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 03 M 20 18:12:19 2015 = BEIXP GVABV //8106 kHz | CW | (Danix) |
| 9461 | M51 | 21-5 | 1359 | Thu | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 28 M 21 15:59:53 2015 = BNZOX CKZYT //9434 kHz | CW | (Danix) |
| 9434 | M51 | 21-5 | 1359 | Thu | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 28 M 21 15:59:53 2015 = BNZOX CKZYT //9461 kHz | CW | (Danix) |
| 6853 | M51 | 21-5 | 2037 | Thu | Training texts from FAV22. Started at 1827 UTC. | CW | (Danix) |
| 6853 | M51 | 22-5 | 2037 | Fri | Training texts from FAV22. Started on 21-5 at 1827 UTC. //7437 kHz | CW | (Danix) |
| 7437 | M51 | 22-5 | 2037 | Fri | Training texts from FAV22. Started on 21-5 at 1827 UTC. //6853 kHz | CW | (Danix) |
| 6825 | M51 | 28-5 | 0959 | Thu | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 08 M 28 11:59:12 2015 BT VBPLG TXXXD //3881 kHz | CW | (Danix) |
| 3881 | M51 | 28-5 | 0959 | Thu | French MIL/Intel, CNMO TSR Favieres-Vernon: NR 08 M 28 11:59:12 2015 BT VBPLG TXXXD //6825 kHz | CW | (Danix) |
| 6845 | M89 | 1-5 | 1001 | Fri | CQ (x3) DE DP91 (x2) V PSE FV LL TO HR AHR NIL SK GB //8858 | CW | (JPL) |
| 8858 | M89 | 1-5 | 1004 | Fri | CQ (x3) DE DP91 (x2) V PSE KK FFF ST KK LL TO HR NIL SK GB //6845 | CW | (JPL) |
| 9131 | M89 | 1-5 | 1014 | Fri | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 5801 | M89 | 1-5 | 1015 | Fri | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 10180 | M89 | 1-5 | 1015 | Fri | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 8060 | M89 | 1-5 | 1018 | Fri | V M8JF (x3) DE RIS9 (x2) | CW | (JPL) |
| 3642 | M89 | 1-5 | 2043 | Fri | V DKG6 (x3) DE 3A7D (x2) //7602 | CW | (JPL) |
| 7602 | M89 | 1-5 | 2043 | Fri | V DKG6 (x3) DE 3A7D (x2) //3642 | CW | (JPL) |
| 3788 | M89 | 1-5 | 2045 | Fri | KDIY DE BEKJ R RPT 69W TO 70W K. R QSL 0454 K (Switched to voice)//7602 | CW | (JPL) |
| 4532 | M89 | 1-5 | 2058 | Fri | V M8JF (x3) DE RIS9 (x2) //3777 | CW | (JPL) |
| 3777 | M89 | 1-5 | 2058 | Fri | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 7602 | M89 | 2-5 | 0146 | Sat | V DKG6 (x3) DE 3A7D (x2) | CW | (JPL) |
| 10947 | M89 | 2-5 | 0147 | Sat | V DKSL (x3) DE ALSK (x2) //9131 | CW | (JPL) |
| 9131 | M89 | 2-5 | 0147 | Sat | V DKSL (x3) DE ALSK (x2) //10947 | CW | (JPL) |
| 5177 | M89 | 2-5 | 0149 | Sat | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 8858 | M89 | 2-5 | 0200 | Sat | CQ (x3) DE DP91 (x2) V HR NIL SK GB //6845 | CW | (JPL) |
| 6845 | M89 | 2-5 | 0201 | Sat | CQ (x3) DE DP91 (x2) V HR NIL SK GB //8858 | CW | (JPL) |
| 10947 | M89 | 2-5 | 0916 | Sat | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 10180 | M89 | 2-5 | 0922 | Sat | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 5801 | M89 | 2-5 | 0922 | Sat | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 8858 | M89 | 2-5 | 0958 | Sat | CQ (x3) DE DP91 (x2) V HR NIL SK GB //6845 | CW | (JPL) |
| 6845 | M89 | 2-5 | 1000 | Sat | CQ (x3) DE DP91 (x2) V HR NIL SK GB //8858 | CW | (JPL) |
| 3330 | M89 | 2-5 | 1315 | Sat | V MW3D (x3) DE 2SLC (x2) | CW | (JPL) |
| 4532 | M89 | 2-5 | 1318 | Sat | V M8JF (x3) DE RIS9 (x2) //3777 | CW | (JPL) |
| 3777 | M89 | 2-5 | 1318 | Sat | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 5644 | M89 | 2-5 | 1319 | Sat | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 6840 | M89 | 2-5 | 1320 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 | CW | (JPL) |
| 4860 | M89 | 2-5 | 1320 | Sat | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 | CW | (JPL) |
| 3642 | M89 | 2-5 | 1532 | Sat | V DKG6 (x3) DE 3A7D (x2) | CW | (JPL) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|------|--------|
| 3777 | M89 | 2-5 | 1533 | Sat | V M8JF (x3) DE RIS9 (x2) | CW | (JPL) |
| 6840 | M89 | 2-5 | 1720 | Sat | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K | CW | (JPL) |
| 7602 | M89 | 2-5 | 1722 | Sat | V DKG6 (x3) DE 3A7D (x2) //3642 | CW | (JPL) |
| 3642 | M89 | 2-5 | 1722 | Sat | V DKG6 (x3) DE 3A7D (x2) //7602 | CW | (JPL) |
| 4131 | M89 | 2-5 | 1727 | Sat | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 5765 | M89 | 2-5 | 1735 | Sat | V TY9D (x3) DE EPX2 (x2) V | CW | (JPL) |
| 5644 | M89 | 2-5 | 2225 | Sat | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 5765 | M89 | 2-5 | 2226 | Sat | V TY9D (x3) DE EPX2 (x2) V //4857 | CW | (JPL) |
| 4857 | M89 | 2-5 | 2226 | Sat | V TY9D (x3) DE EPX2 (x2) V //5765 | CW | (JPL) |
| 8060 | M89 | 2-5 | 2230 | Sat | V M8JF (x3) DE RIS9 (x2) | CW | (JPL) |
| 9131 | M89 | 3-5 | 1100 | Sun | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 5801 | M89 | 3-5 | 1104 | Sun | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 10180 | M89 | 3-5 | 1104 | Sun | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 14560 | M89 | 3-5 | 1111 | Sun | i.p. N475 U7TU 3565 U7TU NDU6 U77A TND5 (see N&O 212) | CW | (JPL) |
| 3642 | M89 | 3-5 | 1506 | Sun | V DKG6 (x3) DE 3A7D (x2) | CW | (JPL) |
| 3777 | M89 | 3-5 | 1507 | Sun | V M8JF (x3) DE RIS9 (x2) | CW | (JPL) |
| 3642 | M89 | 3-5 | 2043 | Sun | V DKG6 (x3) DE 3A7D (x2) //7602 | CW | (JPL) |
| 7602 | M89 | 3-5 | 2203 | Sun | V DKG6 DKG6 DKG6 DE 3A7D 3A7D | CW | (Nige) |
| 10180 | M89 | 4-5 | 0216 | Mon | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 5801 | M89 | 4-5 | 0216 | Mon | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 9131 | M89 | 4-5 | 0217 | Mon | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 5588 | M89 | 4-5 | 1028 | Mon | V MW3D (x3) DE 2SLC (x2) | CW | (JPL) |
| 9131 | M89 | 4-5 | 1031 | Mon | V DKSL (x3) DE ALSK (x2) //6421 | CW | (JPL) |
| 6421 | M89 | 4-5 | 1031 | Mon | V DKSL (x3) DE ALSK (x2) //9131 | CW | (JPL) |
| 6793 | M89 | 4-5 | 1033 | Mon | V M8JF (x3) DE RIS9 (x2) //8060 | CW | (JPL) |
| 8060 | M89 | 4-5 | 1033 | Mon | V M8JF (x3) DE RIS9 (x2) //6793 | CW | (JPL) |
| 3777 | M89 | 4-5 | 1237 | Mon | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 4532 | M89 | 4-5 | 1237 | Mon | V M8JF (x3) DE RIS9 (x2) //3777 | CW | (JPL) |
| 5644 | M89 | 4-5 | 1239 | Mon | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 5177 | M89 | 4-5 | 1241 | Mon | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 7602 | M89 | 4-5 | 2043 | Mon | V DKG6 (x3) DE 3A7D (x2) //3642 | CW | (JPL) |
| 4131 | M89 | 4-5 | 2056 | Mon | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 3642 | M89 | 5-5 | 1616 | Tue | V DKG6 (x3) DE 3A7D (x2) | CW | (JPL) |
| 3777 | M89 | 5-5 | 1620 | Tue | V M8JF (x3) DE RIS9 (x2) | CW | (JPL) |
| 6845 | M89 | 7-5 | 1002 | Thu | CQ (x3) DE DP91 (x2) V | CW | (JPL) |
| 5801 | M89 | 7-5 | 1013 | Thu | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 10180 | M89 | 7-5 | 1013 | Thu | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 9131 | M89 | 7-5 | 1015 | Thu | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 8858 | M89 | 8-5 | 0956 | Fri | CQ (x3) DE DP91 (x2) V HR NIL SK GB //6845 | CW | (JPL) |
| 6845 | M89 | 8-5 | 1002 | Fri | CQ (x3) DE DP91 (x2) V HR NIL SK GB //8858 | CW | (JPL) |
| 3330 | M89 | 8-5 | 1535 | Fri | V MW3D (x3) DE 2SLC (x2) | CW | (JPL) |
| 7602 | M89 | 8-5 | 1537 | Fri | V DKG6 (x3) DE 3A7D (x2) //3642 | CW | (JPL) |
| 3642 | M89 | 8-5 | 1537 | Fri | V DKG6 (x3) DE 3A7D (x2) //7602 | CW | (JPL) |
| 3777 | M89 | 8-5 | 1538 | Fri | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 4532 | M89 | 8-5 | 1538 | Fri | V M8JF (x3) DE RIS9 (x2) //3777 | CW | (JPL) |
| 4131 | M89 | 8-5 | 1540 | Fri | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 3821 | M89 | 8-5 | 1541 | Fri | V DKSL (x3) DE ALSK (x2) //5644 | CW | (JPL) |
| 5644 | M89 | 8-5 | 1541 | Fri | V DKSL (x3) DE ALSK (x2) //3281 | CW | (JPL) |
| 3521 | M89 | 8-5 | 2041 | Fri | i.p. RMKS CQ = MSG NR MSG NR 1574 CK 61 051609 0430 = | CW | (JPL) |
| 5801 | M89 | 10-5 | 1119 | Sun | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 10180 | M89 | 10-5 | 1119 | Sun | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 6840 | M89 | 10-5 | 1120 | Sun | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640 | CW | (JPL) |
| 10640 | M89 | 10-5 | 1120 | Sun | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 | CW | (JPL) |
| 4532 | M89 | 10-5 | 1447 | Sun | V M8JF (x3) DE RIS9 (x2) //3777 | CW | (JPL) |
| 3777 | M89 | 10-5 | 1447 | Sun | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 10180 | M89 | 10-5 | 1448 | Sun | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 5801 | M89 | 10-5 | 1448 | Sun | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 3821 | M89 | 10-5 | 1451 | Sun | V DKSL (x3) DE ALSK (x2) //5644 | CW | (JPL) |
| 5644 | M89 | 10-5 | 1451 | Sun | V DKSL (x3) DE ALSK (x2) //3821 | CW | (JPL) |
| 5177 | M89 | 10-5 | 1452 | Sun | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 7602 | M89 | 10-5 | 1537 | Sun | i.p. 5132 RMKS 512 TO 6790 6240 5180 5160 = | CW | (JPL) |
| 4131 | M89 | 10-5 | 2000 | Sun | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|------|-------|
| 4269 | M89 | 10-5 | 2002 | Sun | i.p. MSG GA NR 263 CK 111 57 0511 0330 RMKS 2410 TO 2090 K | CW | (JPL) |
| 5180 | M89 | 10-5 | 2013 | Sun | i.p. 7T65 3466 5AU3 37TA 6T3D DT6N UN6D | CW | (JPL) |
| 8840 | M89 | 12-5 | 0956 | Tue | (i.p. 6AU4 A4UD TND7 34TD 436A AR QSL? K. R RUSEEEEE UGA U GA | CW | (JPL) |
| 8858 | M89 | 12-5 | 1005 | Tue | CQ (x3) DE DP91 (x2) V HR NIL SK GB | CW | (JPL) |
| 10180 | M89 | 12-5 | 1010 | Tue | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 5801 | M89 | 12-5 | 1010 | Tue | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 9167 | M89 | 12-5 | 1017 | Tue | i.p. 7U4A D35T U7T4 UD7A U3TN 6A7D AR AR K /UGA | CW | (JPL) |
| 10640 | M89 | 12-5 | 1020 | Tue | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA? K | CW | (JPL) |
| 3330 | M89 | 15-5 | 1452 | Fri | V MW3D (x3) DE 2SLC (x2) I | CW | (JPL) |
| 3642 | M89 | 15-5 | 1609 | Fri | V DKG6 (x3) DE 3A7D (x2) //7602 | CW | (JPL) |
| 7602 | M89 | 15-5 | 1609 | Fri | V DKG6 (x3) DE 3A7D (x2) //3642 | CW | (JPL) |
| 3786 | M89 | 15-5 | 1610 | Fri | i.p. 0009 BT F6J/M1D AR NR 1350/EX 0009 BT F6J/M1D AR QSY 04 | CW | (JPL) |
| 3777 | M89 | 15-5 | 1614 | Fri | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 4532 | M89 | 15-5 | 1614 | Fri | V M8JF (x3) DE RIS9 (x2) //3777 | CW | (JPL) |
| 4522 | M89 | 15-5 | 1615 | Fri | i.p. RPT 49W K. R RPT 49W 7456 7456 K | CW | (JPL) |
| 4131 | M89 | 15-5 | 1618 | Fri | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 3821 | M89 | 15-5 | 1651 | Fri | V DKSL (x3) DE ALSK (x2) //5644 | CW | (JPL) |
| 5644 | M89 | 15-5 | 1651 | Fri | V DKSL (x3) DE ALSK (x2) //3821 | CW | (JPL) |
| 4673 | M89 | 15-5 | 1656 | Fri | i.p. AR K. R RPT 03W BT TAND TAND AR K | CW | (JPL) |
| 5378 | M89 | 15-5 | 1704 | Fri | i.p. R R .IEC = DKFL DKFL K AR | CW | (JPL) |
| 5635 | M89 | 15-5 | 1710 | Fri | i.p. 6NDT 475N AU34 AR K (see N&O 212) | CW | (JPL) |
| 5685 | M89 | 15-5 | 1718 | Fri | i.p. AR K. R RPT 23W = 5463 5463 K GA | CW | (JPL) |
| 6414 | M89 | 15-5 | 1728 | Fri | i.p. AR K. R RPT OK U GA K | CW | (JPL) |
| 4866 | M89 | 15-5 | 2023 | Fri | i.p. /EX 0421 = E0K/M50 AR QSY | CW | (JPL) |
| 10180 | M89 | 17-5 | 1249 | Sun | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 5801 | M89 | 17-5 | 1249 | Sun | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 8000 | M89 | 17-5 | 1252 | Sun | i.p. R QSA 2 QSA ? K. R GA K. (see N&O 212) | CW | (JPL) |
| 8023 | M89 | 17-5 | 1302 | Sun | i.p. U3N7 4UT5 A34D 6UN7 567D D74A 56NT | CW | (JPL) |
| 3642 | M89 | 17-5 | 1616 | Sun | V DKG6 (x3) DE 3A7D (x2) //7602 | CW | (JPL) |
| 7602 | M89 | 17-5 | 1616 | Sun | V DKG6 (x3) DE 3A7D (x2) //3642 | CW | (JPL) |
| 3330 | M89 | 17-5 | 1618 | Sun | V MW3D (x3) DE 2SLC (x2) | CW | (JPL) |
| 4131 | M89 | 17-5 | 1619 | Sun | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 3777 | M89 | 17-5 | 1620 | Sun | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 4860 | M89 | 17-5 | 1620 | Sun | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 | CW | (JPL) |
| 6840 | M89 | 17-5 | 1620 | Sun | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 | CW | (JPL) |
| 4532 | M89 | 17-5 | 1620 | Sun | V M8JF (x3) DE RIS9 (x2) //3777 | CW | (JPL) |
| 5644 | M89 | 17-5 | 1623 | Sun | V DKSL (x3) DE ALSK (x2) //3821 | CW | (JPL) |
| 3821 | M89 | 17-5 | 1623 | Sun | V DKSL (x3) DE ALSK (x2) //5644 | CW | (JPL) |
| 5500 | M89 | 17-5 | 2007 | Sun | i.p. 7G 05/CCK CK 25 37 0518 0505 RMKS (see N&O 212) | CW | (JPL) |
| 5588 | M89 | 18-5 | 1045 | Mon | V MW3D (x3) DE 2SLC (x2) | CW | (JPL) |
| 9131 | M89 | 18-5 | 1047 | Mon | V DKSL (x3) DE ALSK (x2) //10947 | CW | (JPL) |
| 10947 | M89 | 18-5 | 1047 | Mon | V DKSL (x3) DE ALSK (x2) //9131 | CW | (JPL) |
| 10180 | M89 | 18-5 | 1049 | Mon | V DKG6 (x3) DE 3A7D (x2) | CW | (JPL) |
| 3330 | M89 | 18-5 | 1419 | Mon | V MW3D (x3) DE 2SLC (x2) | CW | (JPL) |
| 4860 | M89 | 18-5 | 1420 | Mon | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 | CW | (JPL) |
| 6840 | M89 | 18-5 | 1420 | Mon | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 | CW | (JPL) |
| 4532 | M89 | 18-5 | 1425 | Mon | i.p. /18/2255/461/..44/69 AR (see N&O 212) //3777 | CW | (JPL) |
| 3642 | M89 | 18-5 | 1425 | Mon | V DKG6 (x3) DE 3A7D (x2) //7602 | CW | (JPL) |
| 3777 | M89 | 18-5 | 1425 | Mon | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 7602 | M89 | 18-5 | 1425 | Mon | V DKG6 (x3) DE 3A7D (x2) //3642 | CW | (JPL) |
| 5644 | M89 | 18-5 | 1434 | Mon | V DKSL (x3) DE ALSK (x2) //3821 | CW | (JPL) |
| 3821 | M89 | 18-5 | 1434 | Mon | V DKSL (x3) DE ALSK (x2) //5644 | CW | (JPL) |
| 5500 | M89 | 18-5 | 1435 | Mon | V 7NPE (x3) DE QV5B (x2) | CW | (JPL) |
| 7788 | M89 | 18-5 | 1437 | Mon | i.p. 7G NR 153/CCK CK 199 03 0518 2000 R59 CQ | CW | (JPL) |
| 7777 | M89 | 18-5 | 1446 | Mon | i.p. 64D4 653D AT4D A46D TU6A T7N3 NT57 N5U6 | CW | (JPL) |
| 8060 | M89 | 18-5 | 1620 | Mon | V M8JF (x3) DE RIS9 (x2) //6793 | CW | (JPL) |
| 6793 | M89 | 18-5 | 1620 | Mon | V M8JF (x3) DE RIS9 (x2) //8060 | CW | (JPL) |
| 5396 | M89 | 18-5 | 1711 | Mon | i.p. AUT3 U4AD 4A5N 3UAT | CW | (JPL) |
| 5417 | M89 | 18-5 | 1717 | Mon | i.p. AR K. R RPT 01W BT A56U AR K (see N&O 212) | CW | (JPL) |
| 5452 | M89 | 18-5 | 1720 | Mon | i.p. NR 1100 CK 61 42 0519 0100 RMKS (see N&O 212) | CW | (JPL) |
| 4131 | M89 | 18-5 | 2342 | Mon | V JKDJ (x3) DE SLBC (x2) | CW | (JPL) |
| 9131 | M89 | 19-5 | 0205 | Tue | V DKSL (x3) DE ALSK (x2) //10947 | CW | (JPL) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|---------|------|------|------|-----|--|-------------|--------|
| 10947 | M89 | 19-5 | 0205 | Tue | V DKSL (x3) DE ALSK (x2) //9131 | CW | (JPL) |
| 8858 | M89 | 19-5 | 0206 | Tue | CQ (x3) DE DP91 (x2) V NIL SK GB | CW | (JPL) |
| 5801 | M89 | 19-5 | 0211 | Tue | V DKG6 (x3) DE 3A7D (x2) //10180 | CW | (JPL) |
| 10180 | M89 | 19-5 | 0211 | Tue | V DKG6 (x3) DE 3A7D (x2) //5801 | CW | (JPL) |
| 7631 | M89 | 19-5 | 0218 | Tue | i.p. 3DN4 TN45 743N UDT4 34T7 AR QSL? K. AGN R HR WK NR CJ/57 K | CW | (JPL) |
| 6840 | M89 | 19-5 | 0220 | Tue | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640 | CW | (JPL) |
| 10640 | M89 | 19-5 | 0220 | Tue | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 | CW | (JPL) |
| 8110 | M89 | 19-5 | 0227 | Tue | V 7NPE (x3) DE QV5B (x2) | CW | (JPL) |
| 3777 | M89 | 19-5 | 1355 | Tue | V M8JF (x3) DE RIS9 (x2) | CW | (JPL) |
| 3821 | M89 | 19-5 | 1357 | Tue | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 10947 | M89 | 27-5 | 0205 | Wed | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 10180 | M89 | 27-5 | 0210 | Wed | V DKG6 (x3) DE 3A7D (x2) | CW | (JPL) |
| 3330 | M89 | 29-5 | 1218 | Fri | V MW3D (x3) DE 2SLC (x2) | CW | (JPL) |
| 4532 | M89 | 29-5 | 1219 | Fri | V M8JF (x3) DE RIS9 (x2) //3777 | CW | (JPL) |
| 3777 | M89 | 29-5 | 1219 | Fri | V M8JF (x3) DE RIS9 (x2) //4532 | CW | (JPL) |
| 6840 | M89 | 29-5 | 1220 | Fri | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //10640 | CW | (JPL) |
| 10640 | M89 | 29-5 | 1220 | Fri | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 | CW | (JPL) |
| 10180 | M89 | 29-5 | 1226 | Fri | V DKG6 (x3) DE 3A7D (x2) | CW | (JPL) |
| 9131 | M89 | 29-5 | 1228 | Fri | V DKSL (x3) DE ALSK (x2) //10947 | CW | (JPL) |
| 10947 | M89 | 29-5 | 1228 | Fri | V DKSL (x3) DE ALSK (x2) //9131 | CW | (JPL) |
| 3330 | M89 | 29-5 | 1513 | Fri | V MW3D (x3) DE 2SLC (x2) | CW | (JPL) |
| 7602 | M89 | 29-5 | 1515 | Fri | V DKG6 (x3) DE 3A7D (x2) //3642 | CW | (JPL) |
| 3642 | M89 | 29-5 | 1515 | Fri | V DKG6 (x3) DE 3A7D (x2) //7602 | CW | (JPL) |
| 5644 | M89 | 29-5 | 1517 | Fri | V DKSL (x3) DE ALSK (x2) | CW | (JPL) |
| 6666 | M89 | 29-5 | 1518 | Fri | i.p. III = U473 ND5D AT54 DAU7 6NT3 57AT U364 (Cont'd) AR | CW | (JPL) |
| 6840 | M89 | 29-5 | 1520 | Fri | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 | CW | (JPL) |
| 4860 | M89 | 29-5 | 1520 | Fri | VVW (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 | CW | (JPL) |
| 8060 | M89 | 30-5 | 1128 | Sat | M8JF M8JF M8JF DE RIS9 RIS9 | CW | (AtB) |
| 5153.7 | MX | 4-5 | 1911 | Mon | Beacon "D" Sevastopol/Odessa | CW | (MPJ) |
| 5153.9 | MX | 4-5 | 1912 | Mon | Beacon "S" Severomorsk | CW | (MPJ) |
| 4150 | MX | 4-5 | 2000 | Mon | Beacon "V" | CW | (AB) |
| 8494.7 | MX | 11-5 | 1807 | Mon | Beacon "D" Odessa/Sevastopol | CW | (MPJ) |
| 8495 | MX | 11-5 | 1808 | Mon | Beacon "C" Moscow | CW | (MPJ) |
| 7038.9 | MX | 12-5 | 1934 | Tue | Beacon "S" | CW | (AB) |
| 7038.7 | MX | 12-5 | 1934 | Tue | Beacon "D" | CW | (AB) |
| 4150 | MX | 12-5 | 1934 | Tue | Beacon "V" | CW | (AB) |
| 3593.8 | MX | 12-5 | 1934 | Tue | Beacon "P" | CW | (AB) |
| 7039 | MX | 12-5 | 1936 | Tue | Beacon "C" | CW | (AB) |
| 8495 | MX | 12-5 | 1936 | Tue | Beacon "C" | CW | (AB) |
| 8494.7 | MX | 12-5 | 1936 | Tue | Beacon "D" | CW | (AB) |
| 10872 | MX | 12-5 | 1936 | Tue | Beacon "C" | CW | (AB) |
| 5153.7 | MX | 12-5 | 1938 | Tue | Beacon "D" | CW | (AB) |
| 5153.8 | MX | 12-5 | 1938 | Tue | Beacon "P" | CW | (AB) |
| 13528 | MX | 12-5 | 1938 | Tue | Beacon "C" | CW | (AB) |
| 13528.4 | MX | 12-5 | 1938 | Tue | Beacon "M" | CW | (AB) |
| 16331.7 | MX | 12-5 | 1938 | Tue | Beacon "D" | CW | (AB) |
| 13527.7 | MX | 12-5 | 1938 | Tue | Beacon "D" | CW | (AB) |
| 3593.8 | MX | 15-5 | 1954 | Fri | Beacon "P" Kaliningrad | CW | (AB) |
| 16332 | MX | 17-5 | 2107 | Sun | Beacon "C" Moscow | CW | (comp) |
| 16331.9 | MX | 17-5 | 2111 | Sun | Beacon "S" Severomorsk | CW | (comp) |
| 16331.8 | MX | 17-5 | 2113 | Sun | Beacon "P" Kaliningrad | CW | (comp) |
| 5153.7 | MX | 18-5 | 1920 | Mon | Beacon "D" Odessa/Sevastopol | CW | (MPJ) |
| 7508.7 | MX | 21-5 | 1413 | Thu | Beacon "D" Sevastopol | CW | (WP3) |
| 7508.7 | MX | 21-5 | 2040 | Thu | Beacon "D" Sevastopol (new freq) | CW | (AB) |
| 7508.9 | MX | 21-5 | 2040 | Thu | Beacon "S" Severomorsk (new freq) | CW | (AB) |
| 7509 | MX | 21-5 | 2040 | Thu | Beacon "C" Moscow (new freq) | CW | (AB) |
| 7508.7 | MX | 30-5 | 1741 | Sat | Beacon "D" Sevastopol | CW | (AB) |
| 16331.7 | MX | 31-5 | 1439 | Sun | Beacon "D" Odessa/Sevastopol | CW | (AB) |
| 16331.9 | MX | 31-5 | 1440 | Sun | Beacon "S" Severomorsk | CW | (AB) |
| 14575 | POL | 1-5 | 0655 | Fri | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|-------------|-------|
| 14575 | POL | 1-5 | 0700 | Fri | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7727 | POL | 7-5 | 1305 | Thu | 0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7727 | POL | 7-5 | 1310 | Thu | 0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13537 | POL | 8-5 | 0530 | Fri | 0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13537 | POL | 8-5 | 0535 | Fri | 0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 8-5 | 0655 | Fri | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 8-5 | 0700 | Fri | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 8-5 | 0900 | Fri | 0554 0554 0554 0554 0554 88888 88888 74863 97273 77630 ... 21186 75431 98454 88888 88888 00041 00041 | FSK 100/625 | (AB) |
| 8423 | POL | 8-5 | 0905 | Fri | 0554 0554 0554 0554 0554 88888 88888 74863 97273 77630 ... 21186 75431 98454 88888 88888 00041 00041 | FSK 100/625 | (AB) |
| 12067 | POL | 8-5 | 1005 | Fri | 0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 8-5 | 1010 | Fri | 0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14972 | POL | 10-5 | 1405 | Sun | Polish intel. | FSK 100/625 | (AB) |
| 14972 | POL | 10-5 | 1410 | Sun | Polish intel. | FSK 100/625 | (AB) |
| 6480 | POL | 11-5 | 0800 | Mon | 0434 88888 88888 28914 59105 49804 ... 34178 19986 75793 88888 88888 00034 00034 | FSK 100/625 | (AB) |
| 6480 | POL | 11-5 | 0805 | Mon | 0434 88888 88888 28914 59105 49804 ... 34178 19986 75793 88888 88888 00034 00034 | FSK 100/625 | (AB) |
| 13424 | POL | 11-5 | 0845 | Mon | 0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13424 | POL | 11-5 | 0850 | Mon | 0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 11-5 | 1305 | Mon | 0547 88888 88888 60598 81989 68883 75429 ... 68665 81216 66765 11742 88888 88888 00041 00041 | FSK 100/625 | (AB) |
| 7837 | POL | 11-5 | 1310 | Mon | 0547 88888 88888 60598 81989 68883 75429 ... 68665 81216 66765 11742 88888 88888 00041 00041 | FSK 100/625 | (AB) |
| 13470 | POL | 12-5 | 0630 | Tue | 0574 88888 88888 28713 87884 83956 ... 59976 73714 99837 61724 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 13470 | POL | 12-5 | 0635 | Tue | 0574 88888 88888 28713 87884 83956 ... 59976 73714 99837 61724 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 13537 | POL | 13-5 | 0530 | Wed | 0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13537 | POL | 13-5 | 0535 | Wed | 0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13424 | POL | 13-5 | 0845 | Wed | 0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13424 | POL | 13-5 | 0850 | Wed | 0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 13-5 | 1305 | Wed | 0547 88888 88888 60598 81989 ... 11742 88888 88888 00041 00041 | FSK 100/625 | (AB) |
| 7837 | POL | 13-5 | 1310 | Wed | 0547 88888 88888 60598 81989 ... 11742 88888 88888 00041 00041 | FSK 100/625 | (AB) |
| 8456 | POL | 13-5 | 1610 | Wed | Polish intel. | FSK 100/625 | (BW3) |
| 13470 | POL | 14-5 | 0630 | Thu | 0574 88888 88888 28713 87884 83956 ... 73714 99837 61724 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 13470 | POL | 14-5 | 0635 | Thu | 0574 88888 88888 28713 87884 83956 ... 73714 99837 61724 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 14940 | POL | 14-5 | 0730 | Thu | 0433 0433 0433 0433 0433 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14940 | POL | 14-5 | 0735 | Thu | 0433 0433 0433 0433 0433 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 14-5 | 1000 | Thu | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 14-5 | 1005 | Thu | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16005 | POL | 14-5 | 1140 | Thu | 0217 0217 0217 0217 0217 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 15-5 | 0655 | Fri | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
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| 14575 | POL | 15-5 | 0700 | Fri | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 15-5 | 0900 | Fri | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 15-5 | 0905 | Fri | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 15-5 | 1005 | Fri | 0675 88888 88888 73090 56443 50245 ... 56243 48947 14453 88888 88888 00042 00042 | FSK 100/625 | (AB) |
| 12067 | POL | 15-5 | 1010 | Fri | 0675 88888 88888 73090 56443 50245 ... 56243 48947 14453 88888 88888 00042 00042 | FSK 100/625 | (AB) |
| 14972 | POL | 15-5 | 1405 | Fri | Polish intel. | FSK 100/625 | (AB) |
| 7727 | POL | 17-5 | 1305 | Sun | 0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7727 | POL | 17-5 | 1310 | Sun | 0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13046 | POL | 18-5 | 0815 | Mon | 0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13046 | POL | 18-5 | 0820 | Mon | 0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13424 | POL | 18-5 | 0850 | Mon | 0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13424 | POL | 18-5 | 0855 | Mon | 0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 18-5 | 1000 | Mon | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 18-5 | 1005 | Mon | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 18-5 | 1305 | Mon | 0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 18-5 | 1310 | Mon | 0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 19-5 | 0655 | Tue | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 19-5 | 0700 | Tue | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14940 | POL | 19-5 | 0730 | Tue | 0433 0433 0433 0433 0433 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 19-5 | 0900 | Tue | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 19-5 | 0905 | Tue | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 19-5 | 1010 | Tue | Polish Intel | FSK 100/625 | (MPJ) |
| 8456 | POL | 20-5 | 0300 | Wed | Polish Intel | FSK 100/625 | (BW3) |
| 8456 | POL | 20-5 | 0305 | Wed | Polish Intel | FSK 100/625 | (BW3) |
| 13424 | POL | 20-5 | 0845 | Wed | 0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13424 | POL | 20-5 | 0850 | Wed | 0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 9576 | POL | 20-5 | 1030 | Wed | 0325 88888 88888 89086 41982 83329 56839 ... 87323 55124 42935 88888 88888 00040 00040 | FSK 100/625 | (AB) |
| 9576 | POL | 20-5 | 1035 | Wed | 0325 88888 88888 89086 41982 83329 56839 ... 87323 55124 42935 88888 88888 00040 00040 | FSK 100/625 | (AB) |
| 7837 | POL | 20-5 | 1305 | Wed | 0547 0547 0547 0547 0549 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 20-5 | 1310 | Wed | 0547 0547 0547 0547 0549 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13470 | POL | 21-5 | 0630 | Thu | 0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13470 | POL | 21-5 | 0635 | Thu | 0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14940 | POL | 21-5 | 0730 | Thu | 0433 0433 0433 0433 0433 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14940 | POL | 21-5 | 0735 | Thu | 0433 0433 0433 0433 0433 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 6480 | POL | 21-5 | 0800 | Thu | 0434 0434 0434 0434 0434 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
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| 6480 | POL | 21-5 | 0805 | Thu | 0434 0434 0434 0434 0434 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 21-5 | 1000 | Thu | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 21-5 | 1005 | Thu | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7727 | POL | 21-5 | 1305 | Thu | 0437 88888 88888 94181 36974 45579 ... 56558 50536 69013 88888 88888 00042 | FSK 100/625 | (AB) |
| 7727 | POL | 21-5 | 1310 | Thu | 0437 88888 88888 94181 36974 45579 ... 56558 50536 69013 88888 88888 00042 | FSK 100/625 | (AB) |
| 13537 | POL | 22-5 | 0530 | Fri | 0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13537 | POL | 22-5 | 0535 | Fri | 0453 0453 0453 0453 0453 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 22-5 | 0655 | Fri | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 22-5 | 0700 | Fri | 0684 0684 0684 0684 0684 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13046 | POL | 22-5 | 0815 | Fri | 0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13046 | POL | 22-5 | 0820 | Fri | 0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 22-5 | 0900 | Fri | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 22-5 | 0905 | Fri | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 22-5 | 1005 | Fri | 0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 22-5 | 1010 | Fri | 0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7727 | POL | 24-5 | 1305 | Sun | 0437 88888 88888 94181 36974 45579 ... 56558 50536 69013 88888 88888 00042 | FSK 100/625 | (AB) |
| 7727 | POL | 24-5 | 1310 | Sun | 0437 88888 88888 94181 36974 45579 ... 56558 50536 69013 88888 88888 00042 | FSK 100/625 | (AB) |
| 14972 | POL | 24-5 | 1405 | Sun | 0877 0877 0877 0877 0877 00000 0000 00000 00000 00000 00000 00000000000 00000000 | FSK 100/625 | (AB) |
| 14972 | POL | 24-5 | 1410 | Sun | 0877 0877 0877 0877 0877 00000 0000 00000 00000 00000 00000 00000000000 00000000 | FSK 100/625 | (AB) |
| 6480 | POL | 25-5 | 0800 | Mon | 0434 0434 0434 0434 0434 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 6480 | POL | 25-5 | 0805 | Mon | 0434 0434 0434 0434 0434 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13046 | POL | 25-5 | 0815 | Mon | 0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13046 | POL | 25-5 | 0820 | Mon | 0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13424 | POL | 25-5 | 0845 | Mon | 0353 88888 88888 46620 37562 50386 ... 66601 56023 24123 88888 88888 00036 | FSK 100/625 | (AB) |
| 13424 | POL | 25-5 | 0850 | Mon | 0353 88888 88888 46620 37562 50386 ... 66601 56023 24123 88888 88888 00036 | FSK 100/625 | (AB) |
| 16388 | POL | 25-5 | 1000 | Mon | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 25-5 | 1005 | Mon | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 25-5 | 1305 | Mon | 0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 25-5 | 1310 | Mon | 0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13470 | POL | 26-5 | 0630 | Tue | 0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13470 | POL | 26-5 | 0635 | Tue | 0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 26-5 | 0655 | Tue | 0684 88888 88888 51105 05382 35713 ... 60893 89858 63434 88888 88888 00040 | FSK 100/625 | (AB) |
| 14575 | POL | 26-5 | 0700 | Tue | 0684 88888 88888 51105 05382 35713 ... 60893 89858 63434 88888 88888 00040 | FSK 100/625 | (AB) |
| 14940 | POL | 26-5 | 0730 | Tue | 0433 88888 88888 45264 66426 03403 ... 09681 25954 86400 88888 88888 00036 | FSK 100/625 | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|-------------|------|
| 14940 | POL | 26-5 | 0735 | Tue | 0433 88888 88888 45264 66426 03403 ... 09681 25954 86400 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 8423 | POL | 26-5 | 0900 | Tue | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 26-5 | 0905 | Tue | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 26-5 | 1005 | Tue | 0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 26-5 | 1010 | Tue | 0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 9576 | POL | 26-5 | 1030 | Tue | 0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 9576 | POL | 26-5 | 1035 | Tue | 0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13537 | POL | 27-5 | 0530 | Wed | 0453 88888 88888 81889 34271 67033 ... 37980 27748 82126 88888 88888 00038 00038 | FSK 100/625 | (AB) |
| 13537 | POL | 27-5 | 0535 | Wed | 0453 88888 88888 81889 34271 67033 ... 37980 27748 82126 88888 88888 00038 00038 | FSK 100/625 | (AB) |
| 13424 | POL | 27-5 | 0845 | Wed | 0353 88888 88888 46620 37562 50386 ... 66601 56023 24123 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 13424 | POL | 27-5 | 0850 | Wed | 0353 88888 88888 46620 37562 50386 ... 66601 56023 24123 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 9576 | POL | 27-5 | 1030 | Wed | 0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 9576 | POL | 27-5 | 1035 | Wed | 0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 27-5 | 1305 | Wed | 0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7837 | POL | 27-5 | 1310 | Wed | 0547 0547 0547 0547 0547 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13537 | POL | 28-5 | 0530 | Thu | 0453 88888 88888 81889 34271 67033 ... 37980 27748 82126 88888 88888 00038 00038 | FSK 100/625 | (AB) |
| 13537 | POL | 28-5 | 0535 | Thu | 0453 88888 88888 81889 34271 67033 ... 37980 27748 82126 88888 88888 00038 00038 | FSK 100/625 | (AB) |
| 13470 | POL | 28-5 | 0630 | Thu | 0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13470 | POL | 28-5 | 0635 | Thu | 0574 0574 0574 0574 0574 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14575 | POL | 28-5 | 0655 | Thu | 0684 88888 88888 51105 05382 35713 ... 60893 89858 63434 88888 88888 00040 00040 | FSK 100/625 | (AB) |
| 14575 | POL | 28-5 | 0700 | Thu | 0684 88888 88888 51105 05382 35713 ... 60893 89858 63434 88888 88888 00040 00040 | FSK 100/625 | (AB) |
| 14940 | POL | 28-5 | 0730 | Thu | 0433 88888 88888 45264 66426 03403 ... 09681 25954 86400 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 14940 | POL | 28-5 | 0735 | Thu | 0433 88888 88888 45264 66426 03403 ... 09681 25954 86400 88888 88888 00036 00036 | FSK 100/625 | (AB) |
| 6480 | POL | 28-5 | 0800 | Thu | 0434 0434 0434 0434 0434 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 6480 | POL | 28-5 | 0805 | Thu | 0434 0434 0434 0434 0434 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13046 | POL | 28-5 | 0815 | Thu | 0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 13046 | POL | 28-5 | 0820 | Thu | 0446 0446 0446 0446 0446 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 28-5 | 0900 | Thu | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 8423 | POL | 28-5 | 0905 | Thu | 0554 0554 0554 0554 0554 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 28-5 | 1000 | Thu | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 28-5 | 1005 | Thu | 0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 16388 | POL | 28-5 | 1005 | Thu | 0765 0765 0765 0765 0765 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 12067 | POL | 28-5 | 1010 | Thu | 0675 0675 0675 0675 0675 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7727 | POL | 28-5 | 1305 | Thu | 0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|-------------|----------|
| 7727 | POL | 28-5 | 1310 | Thu | 0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7727 | POL | 31-5 | 1305 | Sun | 0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 7727 | POL | 31-5 | 1310 | Sun | 0437 0437 0437 0437 0437 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14972 | POL | 31-5 | 1405 | Sun | 0877 0877 0877 0877 0877 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 14972 | POL | 31-5 | 1410 | Sun | 0877 0877 0877 0877 0877 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 | FSK 100/625 | (AB) |
| 17475 | S06 | 14-5 | 0835 | Thu | ip | USB | (HFD) |
| 8167 | S06 | 16-5 | 1600 | Sat | 491 0 | USB | (HFD) |
| 7321 | S06 | 16-5 | 1900 | Sat | 738 0 | USB | (HFD) |
| 6768 | S06 | 16-5 | 2000 | Sat | 738 0 | USB | (HFD) |
| 15721 | S06 | 20-5 | 0400 | Wed | 480 393 60 86380 66865 84834 ... 79267 77773 62956 393 60 00000 | USB | (AB) |
| 15721 | S06 | 21-5 | 0400 | Thu | 480 617 50 38351 51444 56552 ... 29265 44011 16848 617 50 00000 | USB | (AB) |
| 15721 | S06 | 26-5 | 0400 | Tue | 480 269 50 36381 | USB | (HFD) |
| 15721 | S06 | 27-5 | 0400 | Wed | 480 315 60 87605 34202 97588 ... 98468 01634 99760 315 60 00000 | USB | (AB) |
| 14736 | S06 | 28-5 | 0930 | Thu | 842 Barely audible | USB | (AB) |
| 6766 | S06a | 12-5 | 1500 | Tue | Barely audible | AM | (BW3) |
| 14924 | S06c | 21-5 | 1035 | Thu | 11201 (R) off at 1042 UTC | USB | (comp) |
| 14924 | S06c | 21-5 | 1050 | Thu | 11201 (R) | USB | (comp) |
| 7845 | S06s | 1-5 | 0600 | Fri | 196 805 7 38034 37823 38230 48235 38702 44520 46992 805 7 00000 | USB | (AB/HFD) |
| 9125 | S06s | 1-5 | 0610 | Fri | 196 805 7 38034 37823 38230 48235 38702 44520 46992 805 7 00000 | USB | (AB/HFD) |
| 10290 | S06s | 1-5 | 0930 | Fri | 516 829 7 34621 | USB | (HFD) |
| 9655 | S06s | 1-5 | 0940 | Fri | 516 | USB | (HFD) |
| 12460 | S06s | 2-5 | 1200 | Sat | 254 937 6 80939 | USB | (HFD) |
| 10250 | S06s | 2-5 | 1210 | Sat | 254 | USB | (HFD) |
| 16320 | S06s | 3-5 | 0630 | Sun | 524 890 6 46062 68672 97478 39685 30485 96632 890 6 00000 | USB | (AB) |
| 14875 | S06s | 3-5 | 0640 | Sun | 524 890 6 46062 68672 97478 39685 30485 96632 890 6 00000 | USB | (AB) |
| 8221 | S06s | 4-5 | 0830 | Mon | 371 582 6 40713 | USB | (HFD) |
| 9353 | S06s | 4-5 | 0840 | Mon | 371 | USB | (HFD) |
| 16830 | S06s | 4-5 | 0900 | Mon | 872 591 6 11171 | USB | (HFD) |
| 14835 | S06s | 4-5 | 0910 | Mon | 872 | USB | (HFD) |
| 10230 | S06s | 4-5 | 1200 | Mon | 831 527 6 88620 | USB | (HFD) |
| 12165 | S06s | 4-5 | 1210 | Mon | 831 | USB | (HFD) |
| 5430 | S06s | 5-5 | 0700 | Tue | 374 968 5 34621 | USB | (HFD) |
| 6780 | S06s | 5-5 | 0715 | Tue | 374 | USB | (HFD) |
| 7365 | S06s | 5-5 | 0730 | Tue | 427 538 6 39626 | USB | (HFD) |
| 12140 | S06s | 5-5 | 0740 | Tue | 427 | USB | (HFD) |
| 14373 | S06s | 5-5 | 0800 | Tue | 352 489 6 47445 | USB | (HFD) |
| 12935 | S06s | 5-5 | 0810 | Tue | 352 | USB | (HFD) |
| 6810 | S06s | 5-5 | 1100 | Tue | 754 810 6 37947 | USB | (HFD) |
| 7560 | S06s | 5-5 | 1110 | Tue | 754 | USB | (HFD) |
| 7744 | S06s | 5-5 | 1510 | Tue | 537 891 6 38436 6666 | USB | (HFD) |
| 14977 | S06s | 6-5 | 0730 | Wed | 745 263 8 52401 63919 92699 14600 74248 48754 65125 41879 263 8 00000 | AM | (AB/HFD) |
| 12110 | S06s | 6-5 | 0730 | Wed | 745 263 8 52401 63919 92699 14600 74248 48754 65125 41879 263 8 00000 | AM | (AB/HFD) |
| 9485 | S06s | 6-5 | 0820 | Wed | 471 250 6 46062 68672 97478 39685 30485 96632 250 6 00000 | USB | (AB/HFD) |
| 11085 | S06s | 6-5 | 0830 | Wed | 471 | USB | (HFD) |
| 14580 | S06s | 6-5 | 1000 | Wed | 729 501 6 33796 13577 74526 46647 79302 53516 501 6 00000 | USB | (AB/HFD) |
| 16020 | S06s | 6-5 | 1010 | Wed | 729 501 6 33796 13577 74526 46647 79302 53516 501 6 00000 | USB | (AB/HFD) |
| 12952 | S06s | 7-5 | 0900 | Thu | 167 840 5 88620 | USB | (HFD) |
| 13565 | S06s | 7-5 | 0910 | Thu | 167 | USB | (HFD) |
| 13145 | S06s | 7-5 | 1200 | Thu | 425 971 6 37184 | USB | (HFD) |
| 14535 | S06s | 7-5 | 1210 | Thu | 425 | USB | (HFD) |
| 10290 | S06s | 8-5 | 0930 | Fri | 516 829 7 34621 86804 13264 96693 46791 35467 33462 829 7 00000 | USB | (AB) |
| 14875 | S06s | 10-5 | 0640 | Sun | 524 890 6 46062 68672 97478 39685 30485 96632 890 6 00000 | USB | (AB) |
| 16380 | S06s | 11-5 | 0900 | Mon | 872 591 6 11171 64385 82707 06123 22536 88280 591 6 00000 | USB | (AB) |
| 14835 | S06s | 11-5 | 0910 | Mon | 872 591 6 11171 64385 82707 06123 22536 88280 591 6 00000 | USB | (AB) |
| 10230 | S06s | 11-5 | 1200 | Mon | 831 527 6 88620 58069 61732 74537 57440 10597 527 6 00000 | USB | (AB) |
| 12165 | S06s | 11-5 | 1210 | Mon | 831 527 6 88620 58069 61732 74537 57440 10597 527 6 00000 | USB | (AB) |
| 15945 | S06s | 12-5 | 0600 | Tue | 438 591 6 37184 | USB | (HFD) |
| 16945 | S06s | 12-5 | 0610 | Tue | 438 | USB | (HFD) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|------|----------|
| 12110 | S06s | 13-5 | 0730 | Wed | 745 263 8 52401 63919 92699 14600 74248 48754 65125 41879 263 8 00000 | USB | (AB) |
| 9485 | S06s | 13-5 | 0820 | Wed | 471 250 6 46062 68672 97478 39685 30485 96632 250 6 00000 | USB | (AB) |
| 11085 | S06s | 13-5 | 0830 | Wed | 471 250 6 46062 68672 97478 39685 30485 96632 250 6 00000 | USB | (AB) |
| 14580 | S06s | 13-5 | 1000 | Wed | 729 501 6 33706 13577 74526 46647 79302 53516 501 6 00000 | AM | (AB) |
| 16020 | S06s | 13-5 | 1010 | Wed | 729 501 6 33706 13577 74526 46647 79302 53516 501 6 00000 | AM | (AB) |
| 6844 | S06s | 14-5 | 0900 | Thu | 624 | USB | (HFD) |
| 12952 | S06s | 14-5 | 0900 | Thu | 167 840 5 88620 58069 61732 74537 57440 840 5 00000 | AM | (AB) |
| 7161 | S06s | 14-5 | 0910 | Thu | 624 | USB | (HFD) |
| 13565 | S06s | 14-5 | 0910 | Thu | 167 840 5 88620 58069 61732 74537 57440 840 5 00000 | AM | (AB) |
| 9255 | S06s | 14-5 | 0930 | Thu | 314 250 6 42990 33000 32968 35223 36880 84455 250 6 00000 | USB | (AB/HFD) |
| 10325 | S06s | 14-5 | 0940 | Thu | 314 250 6 42990 33000 32968 35223 36880 84455 250 6 00000 | USB | (AB/HFD) |
| 13145 | S06s | 14-5 | 1200 | Thu | 425 971 6 37184 31294 33983 83321 85246 32553 971 6 00000 | USB | (AB) |
| 14535 | S06s | 14-5 | 1210 | Thu | 425 971 6 37184 31294 33983 83321 85246 32553 971 6 00000 | USB | (AB) |
| 7845 | S06s | 15-5 | 0600 | Fri | 196 205 7 46062 68672 97478 39685 30485 96632 52401 205 7 00000 | USB | (AB) |
| 9125 | S06s | 15-5 | 0610 | Fri | 196 205 7 46062 68672 97478 39685 30485 96632 52401 205 7 00000 | USB | (AB) |
| 8221 | S06s | 18-5 | 0830 | Mon | 371 490 5 51072 38664 48339 91339 44254 490 5 00000 | USB | (AB) |
| 9353 | S06s | 18-5 | 0840 | Mon | 371 490 5 51072 38664 48339 91339 44254 490 5 00000 | USB | (AB) |
| 16380 | S06s | 18-5 | 0900 | Mon | 872 906 5 83086 62060 83138 39760 18969 906 5 00000 | USB | (AB) |
| 14835 | S06s | 18-5 | 0910 | Mon | 872 906 5 83086 62060 83138 39760 18969 906 5 00000 | USB | (AB) |
| 6780 | S06s | 19-5 | 0715 | Tue | 374 215 6 41832 41621 32774 27587 4330x xxxxx 215 6 00000 | USB | (AB) |
| 14373 | S06s | 19-5 | 0730 | Tue | 352 468 7 09394 76911 75155 92918 97067 58604 01438 468 7 00000 | USB | (AB) |
| 7365 | S06s | 19-5 | 0730 | Tue | 427 539 6 88620 58069 61732 74537 56440 10597 539 6 00000 | AM | (AB) |
| 11655 | S06s | 19-5 | 0740 | Tue | 427 539 6 88620 58069 61732 74537 56440 10597 539 6 00000 | AM | (AB) |
| 12935 | S06s | 19-5 | 0740 | Tue | 352 468 7 09394 76911 75155 92918 97067 58604 01438 468 7 00000 | USB | (AB) |
| 12110 | S06s | 20-5 | 0730 | Wed | 745 203 6 35321 35211 33212 38714 36997 80321 203 6 00000 | AM | (AB) |
| 14977 | S06s | 20-5 | 0740 | Wed | 745 203 6 35321 35211 33212 38714 36997 80321 203 6 00000 | AM | (AB) |
| 9485 | S06s | 20-5 | 0820 | Wed | 471 509 6 88997 83755 89983 34084 86339 99811 509 6 00000 | USB | (AB) |
| 11085 | S06s | 20-5 | 0830 | Wed | 471 509 6 88997 83755 89983 34084 86339 99811 509 6 00000 | USB | (AB) |
| 15480 | S06s | 20-5 | 1000 | Wed | 729 584 6 35489 38352 37367 36143 43011 34283 584 6 00000 | AM | (AB) |
| 16020 | S06s | 20-5 | 1010 | Wed | 729 584 6 35489 38352 37367 36143 43011 34283 584 6 00000 | AM | (AB) |
| 12952 | S06s | 21-5 | 0900 | Thu | Test tones at 0900z. Late start at 0902z: 624 931 5 85258 38303 48833 37437 55584 931 5 00000 | AM | (AB) |
| 13565 | S06s | 21-5 | 0910 | Thu | 167 ... Extremely noisy transmitter messed up the message | AM | (AB) |
| 9255 | S06s | 21-5 | 0930 | Thu | 314 926 5 20529 80749 03752 65367 84777 926 5 00000 | USB | (AB) |
| 10325 | S06s | 21-5 | 0940 | Thu | 314 926 5 20529 80749 03752 65367 84777 926 5 00000 | USB | (AB) |
| 13145 | S06s | 21-5 | 1200 | Thu | 425 890 6 23052 93448 72465 65598 72068 80328 890 6 00000. Bad audio | AM | (AB) |
| 14535 | S06s | 21-5 | 1200 | Thu | 425 890 6 23052 93448 72465 65598 72068 80328 890 6 00000. Bad audio | AM | (AB) |
| 10290 | S06s | 22-5 | 0920 | Fri | 516 243 7 31900 48366 36534 32840 48436 81480 30762 243 7 00000. Again with mega feedback | AM | (AB) |
| 9655 | S06s | 22-5 | 0930 | Fri | 516 243 7 31900 48366 36534 32840 48436 81480 30762 243 7 00000. Again with mega feedback | AM | (AB) |
| 16320 | S06s | 24-5 | 0630 | Sun | 524 870 6 94289 15244 21541 56567 48850 68791 870 6 00000 | USB | (AB) |
| 14875 | S06s | 24-5 | 0640 | Sun | 524 870 6 94289 15244 21541 56567 48850 68791 870 6 00000 | USB | (AB) |
| 8221 | S06s | 25-5 | 0830 | Mon | 371 490 5 51072 38664 48339 91339 44254 490 5 00000 | USB | (AB) |
| 9353 | S06s | 25-5 | 0840 | Mon | 371 490 5 51072 38664 48339 91339 44254 490 5 00000 | USB | (AB) |
| 16380 | S06s | 25-5 | 0900 | Mon | 872 906 5 83086 62060 83138 39760 18969 906 5 00000 | USB | (AB) |
| 14835 | S06s | 25-5 | 0910 | Mon | 872 906 5 83086 62060 83138 39760 18969 906 5 00000 | USB | (AB) |
| 10230 | S06s | 25-5 | 1200 | Mon | 831 926 5 62982 01738 62810 66385 19231 926 5 00000 | USB | (AB) |
| 12165 | S06s | 25-5 | 1210 | Mon | 831 926 5 62982 01738 62810 66385 19231 926 5 00000 | USB | (AB) |
| 15721 | S06s | 26-5 | 0408 | Tue | i.p. 10474 31517 97718 00271 28877 66791 34077 99847 08012 25246 22919 40885 64199 00571 68243 269 50 00000 | USB | (AB) |
| 15945 | S06s | 26-5 | 0600 | Tue | 438 956 7 72916 | USB | (HFD) |
| 16945 | S06s | 26-5 | 0610 | Tue | 438 | USB | (HFD) |
| 7365 | S06s | 26-5 | 0730 | Tue | 427 539 6 88620 58069 61732 74537 56440 10597 539 6 00000 | AM | (AB) |
| 11655 | S06s | 26-5 | 0740 | Tue | 427 539 6 88620 58069 61732 74537 56440 10597 539 6 00000 | AM | (AB) |
| 14373 | S06s | 26-5 | 0800 | Tue | 352 468 7 09394 76911 75155 92918 97067 58604 41438 468 7 00000 | USB | (AB) |
| 12935 | S06s | 26-5 | 0810 | Tue | 352 468 7 09394 76911 75155 92918 97067 58604 41438 468 7 00000 | USB | (AB) |
| 11565 | S06s | 27-5 | 0530 | Wed | 464 219 5 44645 16330 88418 30780 88560 219 5 00000 | USB | (AB) |
| 12560 | S06s | 27-5 | 0540 | Wed | 464 219 5 44645 16330 88418 30780 88560 219 5 00000 | USB | (AB) |
| 12110 | S06s | 27-5 | 0730 | Wed | 745 203 6 35321 35211 33212 38714 36997 80321 203 6 00000 | AM | (AB) |
| 14977 | S06s | 27-5 | 0740 | Wed | 745 203 6 35321 35211 33212 38714 36997 80321 203 6 00000 | AM | (AB) |
| 11085 | S06s | 27-5 | 0830 | Wed | 471 509 6 88997 83755 89983 34084 86339 99811 509 6 00000 | AM | (AB) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|------|----------|
| 16020 | S06s | 27-5 | 1010 | Wed | 729 584 6 35489 38352 37367 36143 43011 34283 584 6 00000 | USB | (AB) |
| 12952 | S06s | 28-5 | 0900 | Thu | 167 835 9 40680 34932 82235 33617 36923 30954 33932 33365 41334 835 9 00000 | AM | (AB) |
| 7161 | S06s | 28-5 | 0910 | Thu | 624 931 5 85258 38303 48833 37437 55584 931 5 00000 | USB | (AB) |
| 13565 | S06s | 28-5 | 0910 | Thu | 167 835 9 40680 34932 82235 33617 36923 30954 33932 33365 41334 835 9 00000 | AM | (AB) |
| 9255 | S06s | 28-5 | 0930 | Thu | 314 926 5 20529 80749 03752 65367 84777 926 5 00000 | USB | (AB) |
| 10290 | S06s | 28-5 | 0930 | Thu | 516 516 516 00000 | USB | (AB) |
| 9655 | S06s | 28-5 | 0940 | Thu | 516 516 516 00000 | USB | (AB) |
| 10325 | S06s | 28-5 | 0940 | Thu | 314 926 5 20529 80749 03752 65367 84777 926 5 00000 | USB | (AB) |
| 13145 | S06s | 28-5 | 1200 | Thu | 425 890 6 23052 93448 72465 65598 72068 80328 890 6 00000 | AM | (AB) |
| 14535 | S06s | 28-5 | 1210 | Thu | 425 890 6 23052 93448 72465 65598 72068 80328 890 6 00000 | AM | (AB) |
| 14875 | S06s | 31-5 | 0640 | Sun | 524 0 | USB | (HFD) |
| 5149 | S11a | 1-5 | 0455 | Fri | 321/00 | USB | (HFD) |
| 8530 | S11a | 1-5 | 0915 | Fri | 484/00 | USB | (HFD) |
| 11581 | S11a | 1-5 | 1020 | Fri | 426/00 | USB | (AB/HFD) |
| 4870 | S11a | 1-5 | 1955 | Fri | 371/00 | USB | (AB/HFD) |
| 16530 | S11a | 4-5 | 1015 | Mon | 475/00 | USB | (AB) |
| 16530 | S11a | 7-5 | 1015 | Thu | 476/30 85768 | USB | (HFD) |
| 8530 | S11a | 8-5 | 0915 | Fri | 484/37 Vnimanie 74863 97273 77630 ... 21186 75431 98454 Vnimanie, rpt msg, konec | USB | (AB) |
| 11581 | S11a | 8-5 | 1020 | Fri | 426/00 | USB | (AB) |
| 4870 | S11a | 8-5 | 1955 | Fri | 371/00 | USB | (AB) |
| 8530 | S11a | 15-5 | 0915 | Fri | 484/00 | USB | (AB) |
| 11581 | S11a | 15-5 | 1020 | Fri | 424/38 Vnimanie 73090 56443 50245 ... 56243 48947 14453 Vnimanie, rpt msg, out | USB | (AB) |
| 4870 | S11a | 15-5 | 1955 | Fri | 372/37 Vnimanie 00763 70970 58830 ... 45929 65966 32341 Vnimanie, rpt msg, konec | USB | (AB) |
| 16530 | S11a | 18-5 | 1015 | Mon | 475/00 | USB | (AB) |
| 16530 | S11a | 21-5 | 1015 | Thu | 475/00 | USB | (AB) |
| 8530 | S11a | 22-5 | 0915 | Fri | 484/00 | USB | (AB) |
| 11581 | S11a | 22-5 | 1020 | Fri | 426/00 | USB | (AB) |
| 16530 | S11a | 25-5 | 1015 | Mon | 475/00 | USB | (AB) |
| 5149 | S11a | 26-5 | 0455 | Tue | 321/00 | USB | (AB) |
| 8530 | S11a | 26-5 | 0915 | Tue | 484/00 | USB | (AB) |
| 11581 | S11a | 26-5 | 1020 | Tue | 426/00 | USB | (AB) |
| 8530 | S11a | 28-5 | 0915 | Thu | 484/00 | USB | (AB) |
| 16530 | S11a | 28-5 | 1015 | Thu | 475/00 | USB | (AB) |
| 11581 | S11a | 28-5 | 1020 | Thu | 426/00 | USB | (AB) |
| 4870 | S11a | 29-5 | 1955 | Fri | 371/00 | USB | (AB) |
| 4625 | S28 | 4-5 | 1030 | Mon | MDZhB 69 007 VIKING 3252 1548 | USB | (Priyom) |
| 4625 | S28 | 4-5 | 1032 | Mon | MDZhB 57 512 LIKVYeMIN 9650 4388 | USB | (Priyom) |
| 4625 | S28 | 4-5 | 1221 | Mon | MDZhB 84 548 MIKAROZA 1933 9932 | USB | (Priyom) |
| 4625 | S28 | 4-5 | 1334 | Mon | MDZhB 86 814 KIZYaK 3138 3704 | USB | (Priyom) |
| 4625 | S28 | 7-5 | 1309 | Thu | MDZhB 67 363 NIZKIJ 0171 6479 | USB | (Priyom) |
| 4625 | S28 | 7-5 | 1358 | Thu | MDZhB 21 754 ZIZIFUS 3611 6021 | USB | (Priyom) |
| 4625 | S28 | 10-5 | 1349 | Sun | MDZhB 25 844 LIZIS 2088 3770 | USB | (Priyom) |
| 4625 | S28 | 10-5 | 1434 | Sun | MDZhB 01 465 KIZAR 7348 8726 | USB | (Priyom) |
| 4625 | S28 | 11-5 | 1132 | Mon | MDZhB 25 271 SIZAL' 3567 7945 | USB | (Priyom) |
| 4625 | S28 | 11-5 | 1350 | Mon | MDZhB 72 581 SIDNOKARB 8792 8442 | USB | (Priyom) |
| 4625 | S28 | 11-5 | 1539 | Mon | MDZhB 02 002 SIDNOFYeN 3672 9843 VIDAM 6825 9341 | USB | (Priyom) |
| 4625 | S28 | 13-5 | 1241 | Wed | MDZhB 76 057 SIGUN 1889 2312 TIGRICA 0431 6916 | USB | (Priyom) |
| 4625 | S28 | 13-5 | 1241 | Wed | MDZhB 76 057 SIGUN 1889 2312 TIGRICA 0431 6916 | USB | (Priyom) |
| 4625 | S28 | 13-5 | 1607 | Wed | MDZhB 60 835 BIGOVKA 3221 4908 | USB | (Priyom) |
| 4625 | S28 | 13-5 | 1617 | Wed | MDZhB 60 835 BIGOVKA 3221 4908 | USB | (Priyom) |
| 4625 | S28 | 14-5 | 0829 | Thu | MDZhB 53 632 FIGIT 0938 5499 | USB | (Priyom) |
| 4625 | S28 | 14-5 | 1023 | Thu | MDZhB 36 643 MIGALKA 0182 6348 | USB | (Priyom) |
| 4625 | S28 | 14-5 | 1034 | Thu | MDZhB 15 230 LIGAZ 4970 8333 | USB | (Priyom) |
| 4625 | S28 | 14-5 | 1520 | Thu | MDZhB 14 033 VIVACHYe 7426 9589 | USB | (Priyom) |
| 4625 | S28 | 16-5 | 1207 | Sat | MDZhB 22 166 BIBIKA 5451 8953 DIASPOR 2068 1062 | USB | (Priyom) |
| 4625 | S28 | 17-5 | 1244 | Sun | MDZhB 90 483 DIAPAUZA 4900 5116 | USB | (Priyom) |
| 4625 | S28 | 20-5 | 1417 | Wed | MDZhB 26 051 CHIAnURI 4077 2921 | USB | (Priyom) |
| 4625 | S28 | 21-5 | 0724 | Thu | MDZhB 61 954 PIANOLO 7086 7648 | USB | (Priyom) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|--|------|----------|
| 4625 | S28 | 21-5 | 0734 | Thu | MDZhB 67 574 DIALOMA 3052 5981 | USB | (Priyom) |
| 4625 | S28 | 21-5 | 1415 | Thu | MDZhB 82 725 DIAKARB 2953 5627 | USB | (Priyom) |
| 4625 | S28 | 23-5 | 1643 | Sat | Inaudible. Short breakdown in Kerro transmitter, Naro-Fominsk site can be heard weak | USB | (Priyom) |
| 4625 | S28 | 23-5 | 1910 | Sat | Russian mil channel marker Buzzer | USB | (BW3) |
| 4625 | S28 | 24-5 | 1250 | Sun | MDZhB 67 952 VIADUK 4146 6706 | USB | (Priyom) |
| 4625 | S28 | 24-5 | 1337 | Sun | Inaudible | USB | (Priyom) |
| 4625 | S28 | 28-5 | 1403 | Thu | MDZhB 68 037 VZYaTOK 5810 7249 | USB | (Priyom) |
| 4625 | S28 | 28-5 | 1458 | Thu | MDZhB 87 014 AZURIJ 3711 0328 | USB | (Priyom) |
| 4625 | S28 | 29-5 | 1010 | Fri | MDZhB 63 493 VZRYSHNIK 2205 6941 | USB | (Priyom) |
| 3756 | S30 | 5-5 | 1711 | Tue | VKY1 HCLF 61HZh ZBIL L7O5 V'Z' NLCE LI27 V2MZ SB7Z | USB | (Priyom) |
| 3756 | S30 | 6-5 | 1816 | Wed | 5FSShch 8MUO TUZR 5J7Shch DMC3 49FT C2ZA INNC ShchGJP TZLM | USB | (Priyom) |
| 3756 | S30 | 9-5 | 1823 | Sat | ZhBZU 4RVZ 3VS' DKJ1 ZhD9V 42BV 81BR M7KS PMV5 L'GJ | USB | (Priyom) |
| 5448 | S30 | 10-5 | 1432 | Sun | 8S1Shch 37 911 STARICA 2919 6173 | USB | (Priyom) |
| 3756 | S30 | 10-5 | 1751 | Sun | DEAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V | USB | (Priyom) |
| 5448 | S30 | 11-5 | 0513 | Mon | ZhSK4 HZST 5FSShch 8MUO TUZR 5J7Shch DMC3 49FT C2ZA INNC | USB | (Priyom) |
| 5448 | S30 | 11-5 | 1538 | Mon | 8S1Shch 98 972 DRUZhBA 3282 6623. This keyword was used on S32 2 days earlier | USB | (Priyom) |
| 5448 | S30 | 11-5 | 1605 | Mon | ShchGJP TZLM FY5E F61N 37CN MUDR 7VNShch Zh7NZh YMA5 VTH3 | USB | (Priyom) |
| 3756 | S30 | 11-5 | 1853 | Mon | AGDT 'U1B OSOG BO6C F56Shch 9GSA ZhBZI 4RVZ 3VS' DKJ1 | USB | (Priyom) |
| 3756 | S30 | 18-5 | 1909 | Mon | M7KS PMV5 L'GJ KZI' TshchShchS VKY1 HCLF 61HZh ZBIL L7O5 | USB | (Priyom) |
| 3756 | S30 | 19-5 | 1749 | Tue | S7ZhG Z'1B CI9V ZhSK4 HZST 5FSShch TUZR 5J7Shch DMC3 49FT | USB | (Priyom) |
| 3756 | S30 | 21-5 | 1854 | Thu | JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V ZhSK4 | USB | (Priyom) |
| 3756 | S30 | 23-5 | 1828 | Sat | 53OB 78MV DEAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG | USB | (Priyom) |
| 5448 | S30 | 23-5 | 1828 | Sat | 8S1Shch 04 830 PYeRDYuGA 9506 8264 | USB | (Priyom) |
| 5448 | S30 | 24-5 | 1502 | Sun | 8S1Shch 97 292 BILOS 9757 4111 | USB | (Priyom) |
| 3756 | S30 | 24-5 | 1913 | Sun | YMA5 VTH3 AGDT 'U1B OSOG BO6C F56Shch 9GSA ZhBZU 4RVZ | USB | (Priyom) |
| 3756 | S30 | 26-5 | 1830 | Tue | FY5E F61N Z7CN MUDR 7VNShch Zh7NZh YMA5 VTH3 AGDT 'U1B | USB | (Priyom) |
| 3756 | S30 | 27-5 | 1750 | Wed | L7O5 V'Z' NLCE LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CSchJ | USB | (Priyom) |
| 5448 | S30 | 28-5 | 0507 | Thu | 27Shch' N1DU 53OB 78MV DEAY JH'J 12CI 79AJ ShchT3O CIHS | USB | (Priyom) |
| 5448 | S30 | 28-5 | 1450 | Thu | 8S1Shch 62 847 PRYeGLYaD 9500 2358 | USB | (Priyom) |
| 7009 | S32 | 4-5 | 1338 | Mon | ALFA-45 98 728 MORONAL 6546 1541 | USB | (Priyom) |
| 7009 | S32 | 5-5 | 0553 | Tue | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 KURGAN-40 | USB | (Priyom) |
| 7009 | S32 | 6-5 | 1300 | Wed | STOROZh-62 NYeVKA-26 KARTA-11 UTyOs-94 KOVBOJ-39 | USB | (Priyom) |
| 7009 | S32 | 7-5 | 1312 | Thu | ALFA-45 34 009 RUTIL 2122 2042 | USB | (Priyom) |
| 7009 | S32 | 7-5 | 1332 | Thu | STOROZh-62 NYeVKA-26 KARTA-11 UTyOs-94 KOVBOJ-39 KURGAN-40 | USB | (Priyom) |
| 7009 | S32 | 8-5 | 1156 | Fri | ALFA-45 18 626 PARALIK 5591 0976 | USB | (Priyom) |
| 7009 | S32 | 9-5 | 0914 | Sat | RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLyOR-68 | USB | (Priyom) |
| 7009 | S32 | 9-5 | 1148 | Sat | ALFA-45 29 277 GNIL'Ye 5354 3357 | USB | (Priyom) |
| 7009 | S32 | 9-5 | 1157 | Sat | ALFA-45 07 406 DRUZhBA 9117 5566 | USB | (Priyom) |
| 7009 | S32 | 9-5 | 1404 | Sat | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 KURGAN-40 ZASLONKA-27 | USB | (Priyom) |
| 7009 | S32 | 10-5 | 0924 | Sun | RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 | USB | (Priyom) |
| 7009 | S32 | 10-5 | 1225 | Sun | ALFA-45 16 450 OTRYePKI 2400 6663 | USB | (Priyom) |
| 7009 | S32 | 10-5 | 1328 | Sun | KURGAN-40 DUBLyOR-68 STUPA-32 | USB | (Priyom) |
| 7009 | S32 | 10-5 | 1352 | Sun | ALFA-45 51 300 ATTYa 1811 4298 | USB | (Priyom) |
| 7009 | S32 | 10-5 | 1440 | Sun | ALFA-45 61 770 RASIST 5377 3519 | USB | (Priyom) |
| 7009 | S32 | 10-5 | 1602 | Sun | STOROZh-62 NYeVKA-26 KARTA-11 UTyOs-94 KOVBOJ-39 | USB | (Priyom) |
| 3828 | S32 | 10-5 | 1846 | Sun | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 ROSA-64 DZhIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 | USB | (Priyom) |
| 7009 | S32 | 11-5 | 0544 | Mon | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 KURGAN-40 ZASLONKA-27 | USB | (Priyom) |
| 7009 | S32 | 11-5 | 1221 | Mon | ALFA-45 03 189 HINOLIN 9179 0974 | USB | (Priyom) |
| 7009 | S32 | 11-5 | 1352 | Mon | ALFA-45 46 301 POPIRANIYe 3912 8925 | USB | (Priyom) |
| 7009 | S32 | 11-5 | 1357 | Mon | RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLyOR-68 | USB | (Priyom) |
| 7009 | S32 | 11-5 | 1544 | Mon | ALFA-45 24 014 OFTAL' MIYa 5957 8488 | USB | (Priyom) |
| 7009 | S32 | 12-5 | 0945 | Tue | ROSA-64 DZhIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 | USB | (Priyom) |
| 7009 | S32 | 13-5 | 0933 | Wed | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 DUBLyOR-68 | USB | (Priyom) |
| 7009 | S32 | 13-5 | 1248 | Wed | ALFA-45 39 886 HABUR 4946 1555 | USB | (Priyom) |
| 7009 | S32 | 14-5 | 0829 | Thu | ALFA-45 87 662 STODOLA 8887 4579 | USB | (Priyom) |
| 7009 | S32 | 14-5 | 0854 | Thu | ROSA-64 DZhIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 | USB | (Priyom) |
| 7009 | S32 | 15-5 | 1458 | Fri | ALFA-45 29 036 TINAKSIT 5466 3211 | USB | (Priyom) |
| 7009 | S32 | 15-5 | 1529 | Fri | ROSA-64 DZhIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 | USB | (Priyom) |
| 7009 | S32 | 15-5 | 1703 | Fri | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 | USB | (Priyom) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|------|----------|
| 3828 | S32 | 15-5 | 1935 | Fri | PYeSOChNYJ-21 ShULER-60 PENZA-07 RUZh'E-26 KURGAN-40 DUBLYoR-68 STUPA-32 | USB | (Priyom) |
| 7009 | S32 | 17-5 | 1246 | Sun | ALFA-45 51 352 TYeLYeSNYJ 0620 7396 | USB | (Priyom) |
| 7009 | S32 | 18-5 | 0835 | Mon | STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39 | USB | (Priyom) |
| 7009 | S32 | 18-5 | 1226 | Mon | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 | USB | (Priyom) |
| 7009 | S32 | 18-5 | 1447 | Mon | ALFA-45 48 462 LOMShChIK 4429 7778 | USB | (Priyom) |
| 3828 | S32 | 18-5 | 2009 | Mon | ALFA-45 89 032 MARKATO 0834 3797 | USB | (Priyom) |
| 3828 | S32 | 18-5 | 2019 | Mon | ALFA-45 06 641 LUAPULA 4171 8134 | USB | (Priyom) |
| 3828 | S32 | 18-5 | 2029 | Mon | ALFA-45 87 858 KOZONOK 8168 2189 | USB | (Priyom) |
| 3828 | S32 | 18-5 | 2049 | Mon | ROSA-64 DZhIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 KURGAN-40 DUBLYoR-68 STUPA-32 | USB | (Priyom) |
| 7009 | S32 | 19-5 | 0557 | Tue | ROSA-64 DZhIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 STUPA-32 | USB | (Priyom) |
| 7009 | S32 | 19-5 | 0923 | Tue | RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLYoR-68 | USB | (Priyom) |
| 7009 | S32 | 19-5 | 1206 | Tue | ALFA-45 59 501 DITOKS 8292 2200 | USB | (Priyom) |
| 7009 | S32 | 19-5 | 1302 | Tue | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 KURGAN-40 | USB | (Priyom) |
| 7009 | S32 | 19-5 | 1313 | Tue | ALFA-45 48 123 STRUKTURA 0616 2294 | USB | (Priyom) |
| 7009 | S32 | 20-5 | 0633 | Wed | ALFA-45 79 130 BARAKChAN 4562 6658 | USB | (Priyom) |
| 7009 | S32 | 20-5 | 0804 | Wed | ALFA-45 31 037 KALYaGA 7924 4538 | USB | (Priyom) |
| 7009 | S32 | 20-5 | 0812 | Wed | ALFA-45 95 402 BILYeJ 6896 6249 | USB | (Priyom) |
| 7009 | S32 | 20-5 | 1334 | Wed | RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 | USB | (Priyom) |
| 7009 | S32 | 20-5 | 1426 | Wed | ALFA-45 55 524 KOSTOLOMKA 1859 1623 | USB | (Priyom) |
| 7009 | S32 | 20-5 | 1506 | Wed | ALFA-45 89 086 LIZIMAHiyA 9487 2386 | USB | (Priyom) |
| 3828 | S32 | 20-5 | 1902 | Wed | STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39 | USB | (Priyom) |
| 7009 | S32 | 21-5 | 0548 | Thu | SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 KURGAN-40 | USB | (Priyom) |
| 7009 | S32 | 21-5 | 0732 | Thu | ALFA-45 78 184 LAKIROVShChIK 8497 7768 | USB | (Priyom) |
| 7009 | S32 | 21-5 | 0736 | Thu | ALFA-45 76 637 VITAL'FA 8286 2177 | USB | (Priyom) |
| 7009 | S32 | 21-5 | 1407 | Thu | ALFA-45 89 270 OBLUPA 0235 6395 | USB | (Priyom) |
| 7009 | S32 | 21-5 | 1414 | Thu | ROSA-64 DZhIGIT-46 OTPOR-89 YaHTA-94 FONTAN-34 STUPA-32 | USB | (Priyom) |
| 7009 | S32 | 21-5 | 1752 | Thu | ALFA-45 78 038 SFYeROID 6229 5811 | USB | (Priyom) |
| 7009 | S32 | 22-5 | 0753 | Fri | ALFA-45 94 577 KURIYA 3215 4545 | USB | (Priyom) |
| 7009 | S32 | 22-5 | 0837 | Fri | RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLYoR-68 | USB | (Priyom) |
| 7009 | S32 | 22-5 | 0857 | Fri | ALFA-45 77 276 MILOS 5048 4644 | USB | (Priyom) |
| 7009 | S32 | 22-5 | 1114 | Fri | ALFA-45 83 026 POLUMYeTAL 7171 5653 | USB | (Priyom) |
| 7009 | S32 | 22-5 | 1907 | Fri | STOROZh-62 NYeVKA-26 KARTA-11 UTYoS-94 KOVBOJ-39 KURGAN-40 SLIVA-94 LANDYSh-74 STAZhER-29 ALEUT-09 ZASLONKA-27 | USB | (Priyom) |
| 7009 | S32 | 23-5 | 1025 | Sat | ALFA-45 53 527 BAJKALIYA 0187 6322 | USB | (Priyom) |
| 7009 | S32 | 23-5 | 1209 | Sat | ALFA-45 01 448 IZMENShChIK 8241 3683 | USB | (Priyom) |
| 7009 | S32 | 23-5 | 1248 | Sat | YaHTA-94 FONTAN-34 STUPA-32 RUZh'E-26 BIZON-64 PYeSOChNYJ-21 ShULER-60 PENZA-07 DUBLYoR-68 | USB | (Priyom) |
| 7009 | S32 | 23-5 | 1505 | Sat | ALFA-45 57 974 HUNGARA 9038 3532 | USB | (Priyom) |
| 7009 | S32 | 23-5 | 1624 | Sat | ALFA-45 71 372 PARABYeL' 4546 9337 | USB | (Priyom) |
| 7009 | S32 | 24-5 | 1254 | Sun | ALFA-45 62 687 KAGLYSAL 6074 6179 | USB | (Priyom) |
| 7009 | S32 | 24-5 | 1409 | Sun | LANDYSh-74 NYeVKA-26 DZhIGIT-46 PYeSOChNYJ-21 KURGAN-40 | USB | (Priyom) |
| 7009 | S32 | 25-5 | 0531 | Mon | ALEUT-09 UTYoS-94 KOVBOJ-39 YaHTA-94 PENZA-07 FONTAN-34 ZASLONKA-27 | USB | (Priyom) |
| 7009 | S32 | 25-5 | 1000 | Mon | STUPA-32 STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 LANDYSh-74 | USB | (Priyom) |
| 7009 | S32 | 25-5 | 1026 | Mon | LANDYSh-74 NYeVKA-26 DZhIGIT-46 PYeSOChNYJ-21 KURGAN-40 | USB | (Priyom) |
| 3828 | S32 | 26-5 | 1025 | Tue | ALEUT-09 UTYoS-94 KOVBOJ-39 YaHTA-94 PYeNZA-07 STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 | USB | (Priyom) |
| 7009 | S32 | 26-5 | 1325 | Tue | SLIVA-94 STOROZh-62 ROSA-64 RUZh'E-26 BIZON-64 | USB | (Priyom) |
| 7009 | S32 | 27-5 | 0733 | Wed | STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 ZASLONKA-27 STUPA-32 FONTAN-34 | USB | (Priyom) |
| 3828 | S32 | 27-5 | 1844 | Wed | LANDYSh-74 NYeVKA-26 DZhIGIT-46 PYeSOChNYJ-21 KURGAN-40 SLIVA-94 RUZh'E-26 | USB | (Priyom) |
| 7009 | S32 | 28-5 | 1406 | Thu | ALFA-45 83 566 OBOYuDNYJ 4655 4189 | USB | (Priyom) |
| 7009 | S32 | 28-5 | 1504 | Thu | ALFA-45 90 819 BOTROLIT 4786 3286 | USB | (Priyom) |
| 7009 | S32 | 28-5 | 1629 | Thu | STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 FONTAN-34 LANDYSh-74 NYeVKA-26 DZhIGIT-46 PYeSOChNYJ-21 KURGAN-40 | USB | (Priyom) |
| 5473 | S32 | 28-5 | 1629 | Thu | STAZhER-29 KARTA-11 OTPOR-89 ShULER-60 DUBLYoR-68 FONTAN-34 LANDYSh-74 NYeVKA-26 DZhIGIT-46 PYeSOChNYJ-21 KURGAN-40 | USB | (Priyom) |
| 7009 | S32 | 29-5 | 1117 | Fri | LANDYSh-74 NYeVKA-26 DZhIGIT-46 PYeSOChNYJ-21 KURGAN-40 SLIVA-94 RUZh'E-26 | USB | (Priyom) |
| 5473 | S32 | 29-5 | 1816 | Fri | ALFA-45 91 391 FYeLLO 7908 2372 | USB | (Priyom) |
| 7009 | S32 | 29-5 | 1816 | Fri | ALFA-45 91 391 FYeLLO 7908 2372 | USB | (Priyom) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|-------|------|------|-----|--|------|-----------|
| 7009 | S32 | 30-5 | 1046 | Sat | ALFA-45 10 245 BISYeRShchIK 1918 1574 | USB | (Priyom) |
| 5292 | S5292 | 4-5 | 1959 | Mon | Buzzer-marker | USB | (AB) |
| 5292 | S5292 | 12-5 | 1932 | Tue | Buzzer-marker | USB | (AB) |
| 5292 | S5292 | 19-5 | 0757 | Tue | FAZAN-37 67 482 RAZGON 2819 5839 | USB | (Priyom) |
| 5292 | S5292 | 22-5 | 1330 | Fri | FAZAN-37 36 982 BIOLOG 4326 9675 | USB | (Priyom) |
| 3580 | UM01 | 1-5 | 1000 | Fri | CQ P 9 | CW | (JPL-Sib) |
| 3580 | UM01 | 1-5 | 2042 | Fri | CQ P 6 (Transitioning between 5 and 6) | CW | (JPL-Sib) |
| 3580 | UM01 | 1-5 | 2043 | Fri | CQ P 5 | CW | (JPL-Sib) |
| 3580 | UM01 | 2-5 | 0144 | Sat | CQ P 6 | CW | (JPL-Sib) |
| 3580 | UM01 | 2-5 | 0210 | Sat | CQ P 7 | CW | (JPL-Sib) |
| 3580 | UM01 | 3-5 | 1058 | Sun | CQ P 12 | CW | (JPL-Sib) |
| 3580 | UM01 | 3-5 | 1126 | Sun | CQ P 11 | CW | (JPL-Sib) |
| 3580 | UM01 | 3-5 | 1350 | Sun | CQ P 11 | CW | (JPL-Sib) |
| 3580 | UM01 | 3-5 | 1939 | Sun | CQ P 6 | CW | (JPL-Sib) |
| 3580 | UM01 | 3-5 | 2155 | Sun | CQ P 5 | CW | (JPL-Sib) |
| 3580 | UM01 | 3-5 | 2342 | Sun | CQ P 5 | CW | (JPL-Sib) |
| 3580 | UM01 | 4-5 | 0233 | Mon | CQ P 8 | CW | (JPL-Sib) |
| 3580 | UM01 | 4-5 | 1235 | Mon | CQ P 15 | CW | (JPL-Sib) |
| 3580 | UM01 | 4-5 | 1330 | Mon | CQ P 15 | CW | (JPL-Sib) |
| 3580 | UM01 | 4-5 | 2042 | Mon | CQ P 10 | CW | (JPL-Sib) |
| 3580 | UM01 | 5-5 | 0057 | Tue | CQ P 9 | CW | (JPL-Sib) |
| 3580 | UM01 | 5-5 | 0107 | Tue | CQ P 10 | CW | (JPL-Sib) |
| 3580 | UM01 | 8-5 | 0943 | Fri | CQ P 16 | CW | (JPL-Sib) |
| 3580 | UM01 | 8-5 | 1347 | Fri | CQ P 17 | CW | (JPL-Sib) |
| 3580 | UM01 | 8-5 | 1414 | Fri | CQ P 16 | CW | (JPL-Sib) |
| 3580 | UM01 | 9-5 | 2102 | Sat | CQ P 17 | CW | (JPL-Sib) |
| 3580 | UM01 | 10-5 | 0123 | Sun | CQ P 17 | CW | (JPL-Sib) |
| 3580 | UM01 | 12-5 | 0955 | Tue | CQ P 13 | CW | (JPL-Sib) |
| 3580 | UM01 | 17-5 | 1247 | Sun | CQ P 19 | CW | (JPL-Sib) |
| 3580 | UM01 | 17-5 | 1313 | Sun | CQ P 18 | CW | (JPL-Sib) |
| 3580 | UM01 | 17-5 | 1616 | Sun | CQ P 18 | CW | (JPL-Sib) |
| 3580 | UM01 | 17-5 | 1952 | Sun | CQ P 17 | CW | (JPL-Sib) |
| 3580 | UM01 | 18-5 | 1546 | Mon | CQ P 16 | CW | (JPL-Sib) |
| 3580 | UM01 | 18-5 | 1708 | Mon | CQ P 16 | CW | (JPL-Sib) |
| 3580 | UM01 | 18-5 | 2341 | Mon | CQ P 13 | CW | (JPL-Sib) |
| 3580 | UM01 | 19-5 | 1540 | Tue | CQ P 20 | CW | (JPL-Sib) |
| 3580 | UM01 | 26-5 | 2346 | Tue | CQ P 12 (transitioning between 12 and 11) | CW | (JPL-Sib) |
| 3580 | UM01 | 26-5 | 2346 | Tue | CQ P 11 | CW | (JPL-Sib) |
| 3580 | UM01 | 27-5 | 0214 | Wed | CQ P 13 | CW | (JPL-Sib) |
| 3314 | UM10 | 4-5 | 2044 | Mon | Unid 10-mins net: S3DN | CW | (JPL-Sib) |
| 4064 | UM10 | 5-5 | 2051 | Tue | Unid 10-mins bet: NZO6 //3568 kHz | CW | (JPL-Sib) |
| 3568 | UM10 | 5-5 | 2051 | Tue | Unid 10-mins bet: NZO6 //4064 kHz | CW | (JPL-Sib) |
| 3568 | UM10 | 10-5 | 1857 | Sun | Unid 10-mins net: NZO6 //4064 kHz | CW | (JPL-Sib) |
| 4064 | UM10 | 10-5 | 1857 | Sun | Unid 10-mins net: NZO6 //3568 kHz | CW | (JPL-Sib) |
| 3568 | UM10 | 15-5 | 1642 | Fri | Unid 10-mins net: NZO6 //4064 kHz | CW | (JPL-Sib) |
| 4064 | UM10 | 15-5 | 1642 | Fri | Unid 10-mins net: NZO6 //3568 kHz | CW | (JPL-Sib) |
| 3568 | UM10 | 17-5 | 1955 | Sun | Unid 10-mins net: NZO6 //4065 kHz | CW | (JPL-Sib) |
| 4065 | UM10 | 17-5 | 1955 | Sun | Unid 10-mins net: NZO6 //3568 kHz | CW | (JPL-Sib) |
| 3568 | UM10 | 29-5 | 1529 | Fri | Unid 10-mins net: NZO6 | CW | (JPL-Sib) |
| 7554 | V02a | 28-5 | 2001 | Thu | YL/SS with 5FGs. Should be M08a | LSB | (DSch) |
| 13582 | V07 | 3-5 | 0500 | Sun | 511 511 511 000 | USB | (AB) |
| 12182 | V07 | 3-5 | 0520 | Sun | 511 511 511 000 | USB | (AB) |
| 13582 | V07 | 10-5 | 0500 | Sun | 511 511 511 1 568 49 x2 ??5?0 9??01 43845 83430 08143 91401 000 000 | USB | (Dan) |
| 12182 | V07 | 10-5 | 0520 | Sun | 511 511 511 1 568 49 x2 ??5?0 9??01 43845 83430 08143 91401 000 000 | USB | (Dan) |
| 11182 | V07 | 10-5 | 0540 | Sun | 511 511 511 1 568 49 x2 ??5?0 9??01 43845 83430 08143 91401 000 000 | USB | (Dan) |
| 13582 | V07 | 24-5 | 0500 | Sun | 511 0 | USB | (HFD) |
| 13582 | V07 | 24-5 | 0500 | Sun | 511 511 511 000 | USB | (Dan) |
| 12182 | V07 | 24-5 | 0520 | Sun | 511 0 | USB | (HFD) |
| 12182 | V07 | 24-5 | 0520 | Sun | 511 511 511 000 | USB | (Dan) |
| 15388 | V13 | 30-5 | 0800 | Sat | New Star | AM | (MMA) |
| 15388 | V13 | 31-5 | 0706 | Sun | New Star | AM | (Nico) |
| 5637 | V21 | 15-5 | 0030 | Fri | Cuban Babbler | USB | (AAFL) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|---------------|--------------|
| 5715 | V24 | 2-5 | 1330 | Sat | S. Korean intel | AM | (SJB) |
| 5715 | V24 | 3-5 | 1330 | Sun | S. Korean intel | AM | (SJB) |
| 4900 | V24 | 3-5 | 1500 | Sun | S. Korean intel | AM | (SJB) |
| 5715 | V24 | 4-5 | 1328 | Mon | S. Korean intel | AM | (SJB) |
| 8046 | VC01 | 25-5 | 1919 | Mon | Chinese Robot | USB | (Nico) |
| 12215 | X06 | 15-5 | 1020 | Fri | Mazielka. Sequence: 361245 | USB | (comp/LDO) |
| 18245 | X06 | 16-5 | 0944 | Sat | Mazielka. Sequence: 134265 | USB | (Danix) |
| 10438 | XPA | 5-5 | 1730 | Tue | 491 1 04700 00251 63234 59450 61095 ... | MFSK-20/10Bd | (AB/HFD) |
| 9938 | XPA | 5-5 | 1750 | Tue | 491 1 04700 00251 63234 59450 61095 ... 32236 94137 84558 60353 garbled message | MFSK-16/20Bd | (AB/HFD) |
| 9138 | XPA | 5-5 | 1810 | Tue | 491 1 04700 00251 63234 59450 61095 ... raped by a radar | MFSK-16/20Bd | (AB/HFD) |
| 10868 | XPA | 6-5 | 0600 | Wed | 813 1 04322 00109 61780 ... 94438 70979 41503 | MFSK-20/10Bd | (HFD) |
| 12168 | XPA | 6-5 | 0620 | Wed | 813 1 04322 00109 61780 ... 94438 70979 41503 | MFSK-20/10Bd | (HFD) |
| 13368 | XPA | 6-5 | 0640 | Wed | 813 1 04322 00109 61780 ... 94438 70979 41503 | MFSK-20/10Bd | (AB/HFD) |
| 10438 | XPA | 7-5 | 1730 | Thu | Barely audible | MFSK-20/10Bd | (AB) |
| 9938 | XPA | 7-5 | 1750 | Thu | Barely audible | MFSK-20/10Bd | (AB) |
| 9138 | XPA | 7-5 | 1810 | Thu | Barely audible | MFSK-20/10Bd | (AB) |
| 10868 | XPA | 9-5 | 0600 | Sat | 813 1 04322 00109 61780 ... 94438 70979 41503 | MFSK-20/10Bd | (AB) |
| 12168 | XPA | 9-5 | 0620 | Sat | 813 1 04322 00109 61780 ... 94438 70979 41503 | MFSK-20/10Bd | (AB) |
| 13368 | XPA | 9-5 | 0640 | Sat | 813 1 04322 00109 61780 ... 94438 70979 41503 | MFSK-20/10Bd | (AB) |
| 10438 | XPA | 12-5 | 1730 | Tue | 491 491 491 000 02367 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 9938 | XPA | 12-5 | 1750 | Tue | 491 491 491 000 02367 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 9138 | XPA | 12-5 | 1810 | Tue | 491 491 491 000 02367 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 13368 | XPA | 13-5 | 0600 | Wed | 813 813 813 000 08829 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 12168 | XPA | 13-5 | 0600 | Wed | 813 813 813 000 08829 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 10868 | XPA | 13-5 | 0600 | Wed | 813 813 813 000 08829 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 9938 | XPA | 14-5 | 1750 | Thu | 491 1 00370 00155 83782 ... 15681 97725 50621 | MFSK-16/20Bd | (AB/MPJ) |
| 9138 | XPA | 14-5 | 1810 | Thu | 491 1 00370 00155 83782 ... 15681 97725 50621 | MFSK-16/20Bd | (AB/MPJ) |
| 10868 | XPA | 16-5 | 0600 | Sat | 813 813 813 000 06339 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 12168 | XPA | 16-5 | 0620 | Sat | 813 813 813 000 06339 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 13368 | XPA | 16-5 | 0640 | Sat | 813 813 813 000 06339 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 9138 | XPA | 19-5 | 1810 | Tue | 491 1 00370 00155 83782 42046 73537 ... 21463 80481 13739 08829 7695 (?) | MFSK-20/10Bd | (MPJ) |
| 10868 | XPA | 20-5 | 0600 | Wed | 813 813 813 000 07804 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 12168 | XPA | 20-5 | 0620 | Wed | 813 813 813 000 07804 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 13368 | XPA | 20-5 | 0640 | Wed | 813 813 813 000 07804 00001 00000 10140 | MFSK-20/10Bd | (AB) |
| 10438 | XPA | 21-5 | 1730 | Thu | 491 491 491 000 09357 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 9938 | XPA | 21-5 | 1750 | Thu | 491 491 491 000 09357 00001 00000 10140 | MFSK-16/20Bd | (AB/MPJ) |
| 9138 | XPA | 21-5 | 1810 | Thu | 491 491 491 000 09357 00001 00000 10140 | MFSK-16/20Bd | (AB/MPJ) |
| 10868 | XPA | 23-5 | 0600 | Sat | 813 813 813 000 08697 00001 00000 10140 | MFSK-120/10Bd | (AB) |
| 12168 | XPA | 23-5 | 0620 | Sat | 813 813 813 000 08697 00001 00000 10140 | MFSK-120/10Bd | (AB) |
| 13368 | XPA | 23-5 | 0640 | Sat | 813 813 813 000 08697 00001 00000 10140 | MFSK-120/10Bd | (AB) |
| 10868 | XPA | 27-5 | 0600 | Wed | 813 1 01158 00133 06696 ... 54314 30317 06371 | MFSK-20/10Bd | (AB) |
| 12168 | XPA | 27-5 | 0620 | Wed | 813 1 01158 00133 06696 ... 54314 30317 06371 | MFSK-20/10Bd | (AB) |
| 13368 | XPA | 27-5 | 0640 | Wed | 813 1 01158 00133 06696 ... 54314 30317 06371 | MFSK-20/10Bd | (AB) |
| 10438 | XPA | 28-5 | 1730 | Thu | 491 1 04660 00233 16036 ... 91053 41429 15251 | MFSK-16/20Bd | (AB) |
| 9938 | XPA | 28-5 | 1750 | Thu | 491 1 04660 00233 16036 ... 91053 41429 15251 | MFSK-16/20Bd | (AB) |
| 9138 | XPA | 28-5 | 1810 | Thu | 491 1 04660 00233 16036 ... 91053 41429 15251 | MFSK-16/20Bd | (AB) |
| 10868 | XPA | 30-5 | 0600 | Sat | 813 1 01158 00133 06696 ... 54314 30317 06371 | MFSK-20/10Bd | (AB) |
| 12168 | XPA | 30-5 | 0620 | Sat | 813 1 01158 00133 06696 ... 54314 30317 06371 | MFSK-20/10Bd | (AB) |
| 13368 | XPA | 30-5 | 0640 | Sat | 813 1 01158 00133 06696 ... 54314 30317 06371 | MFSK-20/10Bd | (AB) |
| 16314 | XPA2 | 1-5 | 1500 | Fri | 03441 00181 45770 33428 28477 ... 24456 42294 34541 06527 57376 | MFSK-16/20Bd | (MPJ/HFD) |
| 15814 | XPA2 | 1-5 | 1520 | Fri | 03441 00181 45770 33428 28477 ... 24456 42294 34541 06527 57376 | MFSK-16/20Bd | (MPJ) |
| 14514 | XPA2 | 1-5 | 1540 | Fri | 03441 00181 45770 33428 28477 ... 24456 42294 34541 06527 57376 | MFSK-16/20Bd | (MPJ/HFD) |
| 17462 | XPA2 | 1-5 | 1900 | Fri | 05984 00001 00000 10140 | MFSK16/20Bd | (MPJ/HFD) |
| 16114 | XPA2 | 1-5 | 1920 | Fri | 05984 00001 00000 10140 | MFSK16/20Bd | (MPJ/HFD) |
| 14828 | XPA2 | 1-5 | 1940 | Fri | 05984 00001 00000 10140 | MFSK16/20Bd | (AB/MPJ/HFD) |
| 17462 | XPA2 | 2-5 | 1900 | Sat | 01729 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 16114 | XPA2 | 2-5 | 1920 | Sat | 01729 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 15314 | XPA2 | 3-5 | 1500 | Sun | 04771 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 15815 | XPA2 | 3-5 | 1520 | Sun | 04771 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 14514 | XPA2 | 3-5 | 1540 | Sun | 04771 00001 00000 10140 Spur on 14498 kHz | MFSK-16/20Bd | (AB) |
| 14538 | XPA2 | 3-5 | 2000 | Sun | 06548 00001 00000 10140 | MFSK-16/20Bd | (AB/MPJ/HFD) |

| Freq. | Code | Date | UTC | Day | Remarks | Mode | Ctrb |
|-------|------|------|------|-----|---|--------------|-----------|
| 13538 | XPA2 | 3-5 | 2020 | Sun | 06548 00001 00000 10140 | MFSK-16/20Bd | (AB/HFD) |
| 12138 | XPA2 | 3-5 | 2040 | Sun | 06548 00001 00000 10140 | MFSK-16/20Bd | (AB/HFD) |
| 16314 | XPA2 | 8-5 | 1500 | Fri | 06918 00091 13082 27088 ... 92352 14043 14605 corrupt msg | MFSK-16/20Bd | (AB) |
| 15814 | XPA2 | 8-5 | 1520 | Fri | 06918 00091 13082 27088 ... 82351 14043 14605 corrupt msg | MFSK-16/20Bd | (AB/MPJ) |
| 17462 | XPA2 | 8-5 | 1900 | Fri | 06491 00157 51095 ... 67067 57234 56321 | MFSK-16/20Bd | (MPJ/BW3) |
| 16114 | XPA2 | 8-5 | 1920 | Fri | 06491 00157 51095 ... 67067 57234 56321 | MFSK-16/20Bd | (BW3/AB) |
| 14828 | XPA2 | 8-5 | 1940 | Fri | 06491 00157 51095 ... 67067 57234 56321 | MFSK-16/20Bd | (AB) |
| 16314 | XPA2 | 10-5 | 1500 | Sun | 06918 00091 13082 ... 92352 14043 14605. Lots of errors | MFSK-16/20Bd | (AB) |
| 14538 | XPA2 | 10-5 | 2000 | Sun | 09071 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 13538 | XPA2 | 10-5 | 2020 | Sun | 09071 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 12138 | XPA2 | 10-5 | 2040 | Sun | Transmitter test tones a couple of minutes before the supposed start but no transmission followed | MFSK-16/20Bd | (AB) |
| 14538 | XPA2 | 12-5 | 2000 | Tue | 04884 00001 00000 10140 | MFSK-16/20Bd | (AB/BW3) |
| 13538 | XPA2 | 12-5 | 2020 | Tue | 04884 00001 00000 10140 | MFSK-16/20Bd | (AB/BW3) |
| 12138 | XPA2 | 12-5 | 2040 | Tue | 04884 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 16314 | XPA2 | 15-5 | 1500 | Fri | 02947 00173 91888 ... 59200 78064 61772 corrupt message | MFSK-16/20Bd | (AB) |
| 15814 | XPA2 | 15-5 | 1520 | Fri | 02947 00173 91888 ... 59200 78064 61772 corrupt message | MFSK-16/20Bd | (AB) |
| 14514 | XPA2 | 15-5 | 1540 | Fri | 02947 00173 91888 ... 59200 78064 61772 corrupt message | MFSK-16/20Bd | (AB) |
| 17462 | XPA2 | 15-5 | 1900 | Fri | 05572 00001 00000 10140 | MFSK-16/20 | (MPJ/BW3) |
| 14828 | XPA2 | 15-5 | 1940 | Fri | 05572 00001 00000 10140 | MFSK-16/20 | (MPJ) |
| 16314 | XPA2 | 17-5 | 1500 | Sun | 02947 00173 91888 ... 59200 78064 61772 | MFSK-16/20Bd | (AB) |
| 15814 | XPA2 | 17-5 | 1520 | Sun | 02947 00173 91888 ... 59200 78064 61772 | MFSK-16/20Bd | (AB) |
| 14514 | XPA2 | 17-5 | 1540 | Sun | 02947 00173 91888 ... 59200 78064 61772 | MFSK-16/20Bd | (AB) |
| 14538 | XPA2 | 17-5 | 2000 | Sun | 00752 00065 93389 ... 22957 52246 30574 | MFSK-16/20Bd | (MPJ/JNC) |
| 12138 | XPA2 | 17-5 | 2040 | Sun | 00752 00065 93389 ... 22957 52246 30574 | MFSK-16/20Bd | (AB) |
| 14538 | XPA2 | 19-5 | 2000 | Tue | 00752 00065 93389 52286 85178 ... 24781222557 5224 3077 (end corrupt) | MFSK-16/20Bd | (MPJ) |
| 18767 | XPA2 | 22-5 | 0720 | Fri | 00862 00139 37995 ... 10337 21071 35641 | MFSK-16/10Bd | (AB) |
| 17467 | XPA2 | 22-5 | 0740 | Fri | 00862 00139 37995 ... 10337 21071 35641 | MFSK-16/10Bd | (AB) |
| 17462 | XPA2 | 22-5 | 1900 | Fri | 09257 00113 44899 ... 53854 45655 57733 | MFSK-16/10Bd | (AB) |
| 16114 | XPA2 | 22-5 | 1920 | Fri | 09257 00113 44899 ... 53854 45655 57733 | MFSK-16/10Bd | (AB) |
| 14828 | XPA2 | 22-5 | 1940 | Fri | 09257 00113 44899 ... 53854 45655 57733 | MFSK-16/10Bd | (AB) |
| 17462 | XPA2 | 23-5 | 1900 | Sat | 09257 00113 44899 ... 53854 45655 57733 | MFSK-16/10Bd | (AB) |
| 16114 | XPA2 | 23-5 | 1920 | Sat | 09257 00113 44899 ... 53854 45655 57733 | MFSK-16/10Bd | (AB) |
| 14828 | XPA2 | 23-5 | 1940 | Sat | 09257 00113 44899 ... 53854 45655 57733 | MFSK-16/10Bd | (AB/BW3) |
| 16314 | XPA2 | 24-5 | 1500 | Sun | 07319 00001 00000 10140 | MFSK-16/10Bd | (AB/MPJ) |
| 14514 | XPA2 | 24-5 | 1540 | Sun | 07319 00001 00000 10140 | MFSK-16/10Bd | (AB/MPJ) |
| 14538 | XPA2 | 24-5 | 2000 | Sun | 04378 00073 66682 ... 70250 55570 21112 | MFSK-16/20Bd | (AB/MPJ) |
| 13538 | XPA2 | 24-5 | 2020 | Sun | 04378 00073 66682 ... 70250 55570 21112 | MFSK-16/20Bd | (AB) |
| 12138 | XPA2 | 24-5 | 2040 | Sun | 04378 00073 66682 ... 70250 55570 21112 | MFSK-16/20Bd | (AB) |
| 17467 | XPA2 | 26-5 | 0740 | Tue | 00324 00105 22181 ... 89776 38561 64772 | MFSK-16/20Bd | (AB) |
| 10437 | XPA2 | 26-5 | 1730 | Tue | i.p. | MFSK-16/20Bd | (AB) |
| 19667 | XPA2 | 28-5 | 0700 | Thu | 00323 00105 23181 ... 89776 38561 64772 | MFSK-16/20Bd | (AB) |
| 18767 | XPA2 | 28-5 | 0720 | Thu | 00323 00105 23181 ... 89776 38561 64772 | MFSK-16/20Bd | (AB) |
| 17467 | XPA2 | 28-5 | 0740 | Thu | 00323 00105 23181 ... 89776 38561 64772 | MFSK-16/20Bd | (AB) |
| 16314 | XPA2 | 29-5 | 1500 | Fri | 05875 00119 58003 ... 30822 72078 56532 | MFSK-16/20Bd | (MPJ) |
| 15814 | XPA2 | 29-5 | 1520 | Fri | 05875 00119 58003 ... 30822 72078 56532 | MFSK-16/20Bd | (AB) |
| 14514 | XPA2 | 29-5 | 1540 | Fri | 05875 00119 58003 ... 30822 72078 56532 | MFSK-16/20Bd | (AB) |
| 17462 | XPA2 | 29-5 | 1900 | Fri | 05493 00001 00000 10140 | MFSK-16/20Bd | (AB/MPJ) |
| 16114 | XPA2 | 29-5 | 1920 | Fri | 05493 00001 00000 10140 | MFSK-16/20Bd | (AB/MPJ) |
| 14828 | XPA2 | 29-5 | 1940 | Fri | 05493 00001 00000 10140 | MFSK-16/20Bd | (AB/MPJ) |
| 17462 | XPA2 | 30-5 | 1900 | Sat | 05392 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 16114 | XPA2 | 30-5 | 1920 | Sat | 05392 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 14828 | XPA2 | 30-5 | 1940 | Sat | 05392 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 16314 | XPA2 | 31-5 | 1500 | Sun | 05875 00119 58003 ... 30822 72078 56532 | MFSK-16/20Bd | (AB/MPJ) |
| 15814 | XPA2 | 31-5 | 1520 | Sun | 05875 00119 58003 ... 30822 72078 56532 | MFSK-16/20Bd | (AB) |
| 14514 | XPA2 | 31-5 | 1540 | Sun | 05875 00119 58003 ... 30822 72078 56532 | MFSK-16/20Bd | (AB) |
| 14538 | XPA2 | 31-5 | 2000 | Sun | 04491 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 13538 | XPA2 | 31-5 | 2020 | Sun | 04491 00001 00000 10140 | MFSK-16/20Bd | (AB) |
| 12138 | XPA2 | 31-5 | 2040 | Sun | 04491 00001 00000 10140 | MFSK-16/20Bd | (AB) |

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| | | | |
|-------|---------------------------------|---------|-----------------------------|
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| Avare | Avare | JPL-Sib | JPL via remote rx Siberia |
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| BW3 | Barry Williams, AL, USA | MPJ | Jim, SW England |
| comp | John compositesignals | NH2 | Nige, UK |
| Dan | Daniel, Argentina | Nico | Nico, near Paris, France |
| Danix | Danix111, Poland | Priyom | Priyom.org |
| DSch | Don Schimmel, USA | SJB | SJ, South Korea |
| Eric | Eric | Tom | Tom, Lincs, UK |
| GHn | Gary Hagermann, UK | WP3 | Wolfgang Palmberger |
| HFD | Hans-Friedrich Dumrese, Germany | | |

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 591 87364 87265 96710 27630 12673 84769 28743 98127 5
 1 63298 75698 27465 87326 49876 28376 81273 98615 8
 67 87432 74328 78674 29867 32867 67867 86786 43296 49
 57 68768 68763 34234 34238 68768 62942 48273 48768 23
 36 98432 32432 86743 43286 43286 43286 43286 43286 43
 743 86743 86743 39867 32867 86743 43286 43286 43243 86
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 343 98798 98754 98754 98754 98754 29867 67543 67986 6
 78 87698 69876 87698 69876 87612 12341 34867 86798 65
 67 43298 65656 56756 56123 32143 14321 32143 14321 32
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