

6	27364	92836	89428	61298	71982	36198	32784	31277	
86	48932	78987	32123	49817	26346	81287	65491	87364	8
721	75654	55656	12737	72727	72727	91918	63473	67867	7
723	87629	37677	32612	53498	71296	28756	18276	98716	87
269	76329	74698	76857	98670	27601	56701	57601	73648	1
91	87364	87265	96710	27630	12673	84769	28743	98127	7
8	63298	75698	27465	87326	49876	28376	81273	98615	
7	87432	74328	78674	29867	32867	67867	86786	43286	87
7	68768	68763	34234	34238	68768	62342	48273	48768	2
26	98432	32432	86743	43286	43286	43286	43286	43286	40
43	86743	86743	39867	32867	86743	43286	43286	43243	86
1	86743	86743	86743	86743	86743	86743	86743	86743	2
99	98798	98754	98754	98754	98754	29867	67543	67986	87
6	87698	69876	87698	69876	87612	12341	34867	86798	67
7	43298	65656	56756	56123	32143	14321	32143	14321	37
7	58765	58765	76587	58765	76587	58765	76587	58756	87

Numbers & Oddities
a.k.a. The Spooks Newsletter
Edition #252 September 2018

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

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

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



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FOREWORD

Hey all. We found a lot of Russian intel activity in September. Read Appendix II and all the transcripts in the various sections. The Priyom team has collected the lot.

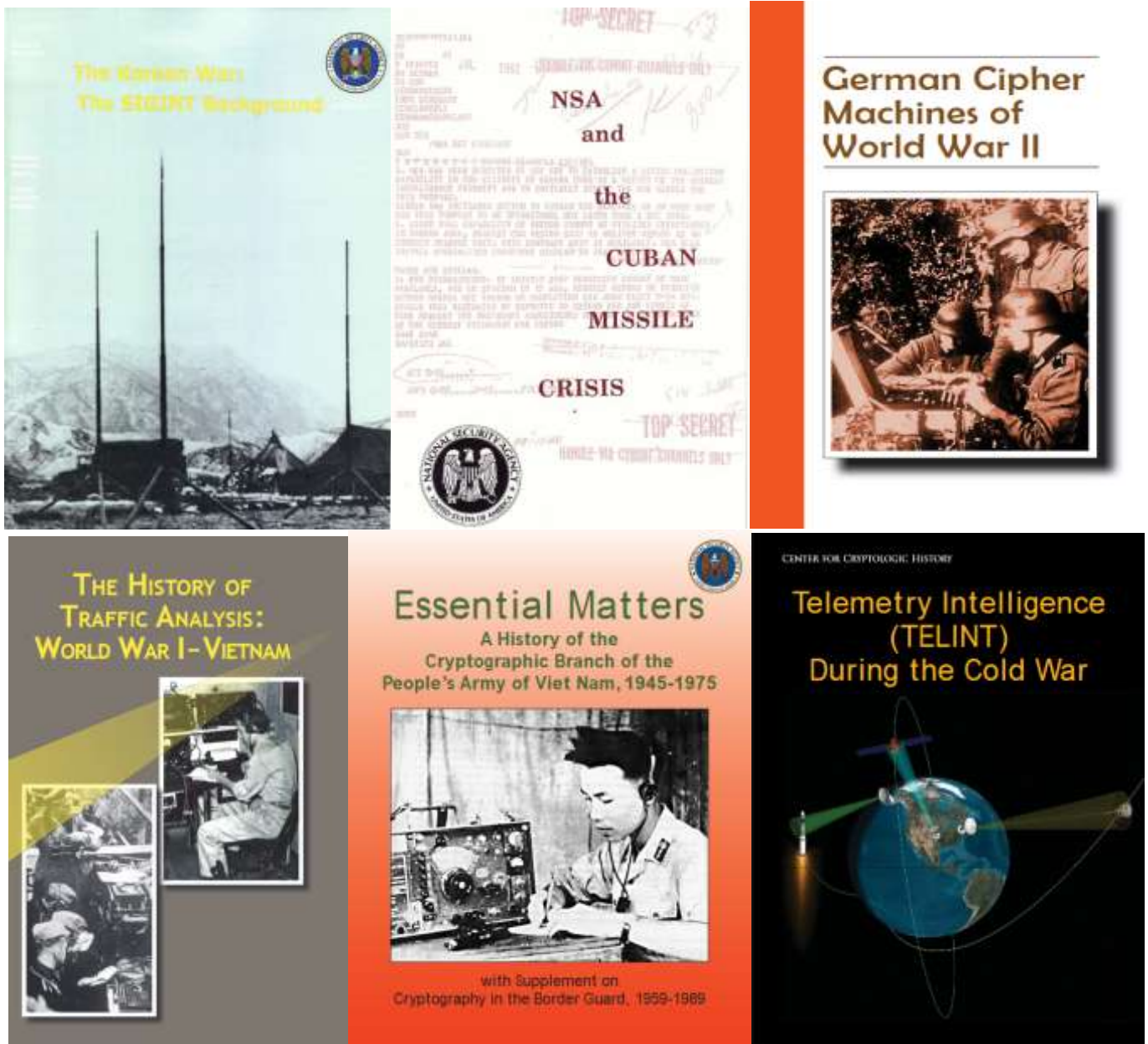
M51 is back, using its old format!!

E11 introduced a large number of new schedules in September. All start at hh30, sent 5 minutes apart (hh30, hh35, hh40) and all in the 13x series. Schedules at 0230, 0530, 0830, 1130, 1430, 1730, 2030, and 2330 UTC on a number of days in the week. Note the 3 hour gap between the various schedules. Check the Logs section for the logs.

Read Piere's V07 report in the V07 section, and his report about the Far East E06/S06 nets in Appendix III.

For the HM01 adepts we have the monthly HM01 round-up, penned by MDK2.

The National Security Agency has a number of interesting historical publications on its website. Including publications from the Pre-WWII Era (Prior to 1941) , WWII Era (1941-1945), Cold War (1948-1991), Korean War Era (1950-1953), Vietnam War (1954-1975), and more. <https://www.nsa.gov/about/cryptologic-heritage/historical-figures-publications/publications/>



VOICE STATIONS

E06

5380 kHz, 03-09, 1930 UTC. New ID

818 643 50
58540 71261 69789 33851 20266 52905 94156 91788 67314 59228
02563 24711 21063 46998 03241 70739 31857 41643 66861 75870
67940 50672 37387 67019 74412 27193 93417 77502 94388 44467
64717 48395 69552 67438 33596 54212 62297 32168 75847 26339
66631 69123 20924 72652 00043 31242 36033 16774 93505 12730
643 50 00000

10210/8140 kHz, 06-09, 1300/1400 UTC

192 580 42
89310 78612 03401 07116 53800 44567 62187 81766 13457 97666
08339 01764 33467 94276 03416 09468 30074 03995 94607 42827
29090 36440 78029 94259 29628 20169 81746 67476 78083 71361
62659 10757 01984 78129 26681 52026 59609 91686 30032 00903
90266 76493
580 42 00000

12197/9132 kHz, 06-09, 1430/1530 UTC

158 379 164
75366 66227 55962 74910 70192 04016 82595 17242 56344 67247
37243 45180 58932 91116 40632 18852 70920 05417 06143 49302
14339 85236 59916 92782 24433 22566 59703 57839 95443 80861
44370 65018 02955 83168 67326 44271 51829 99903 45711 44208
72000 80095 97508 36568 19428 66792 76341 20657 37813 00188
25393 47740 76396 02911 70888 51964 74075 51130 81549 26984
48341 36528 93597 90011 88641 61311 57449 33931 38332 31489
42014 81968 55016 42527 72976 67012 45232 50047 20731 75030
43989 98670 41878 25575 30757 22888 17694 24299 18215 54837
89005 20389 37443 27988 46004 73137 86324 61819 95794 40732
36064 24597 82769 96929 62276 88559 78381 80427 39835 15687
19547 07652 68155 53062 66326 56135 99268 49371 36090 19516
15120 12665 70632 76105 66978 48677 04950 14423 23526 76815
17598 79248 55523 72819 89917 31579 58689 04191 60902 81619
46502 79627 26927 70598 74166 04577 61701 24303 68950 06061
61738 25793 58680 76058 91468 99192 41285 55382 19495 77190
97423 03704 17188 06138
379 164 00000

6874/5179 kHz, 04-09/05-09, 0030/0130 UTC

759 162 43
34936 48162 11452 35126 82861 45500 70608 98364 45122 20924
09770 46706 01130 68464 34166 52416 46511 86676 27108 50467
69983 97252 63366 33000 36820 82954 49484 51450 33236 04788
45187 58336 88341 33529 54675 61477 76650 65606 24527 08997
98981 13092 59429
162 43 00000

6874/5179 kHz, 06-09/07-09, 0030/0130 UTC

759 416 32
65811 62185 79811 70613 56251 69663 97364 92792 59691 36489
93640 95810 92824 23415 77684 51695 45432 03747 15375 35702
77198 42478 02683 35963 78658 84675 75843 61017 99167 79556
13942 25909
416 32 00000

5186 kHz, 06-09, 2030 UTC

891 149 52
12265 10965 47839 38654 84677 93453 72217 84393 04673 97564
01824 75643 84221 95647 92112 94543 76577 43435 47322 84232
95674 87344 57438 45763 49325 57438 92190 96785 21244 05674
01765 76354 83645 21234 97564 82133 07564 83234 75312 71211
05674 65374 67321 94884 23483 82521 41212 57333 85331 53234
05124 95732
149 52 00000

13470/16265 kHz, 20-09/21-09, 0500/0600 UTC

354 769 51
77123 42069 27943 43578 80288 19646 31525 74624 74779 54512
51425 69431 62732 50884 51367 34844 94772 18300 36147 55365
71028 20467 14616 01795 53189 79287 38544 19285 73533 63742
65796 36976 51863 18326 21262 66406 56289 10722 53982 80873
68805 03404 13896 92943 41575 78848 96661 72293 54887 73048
29980
769 51 00000

5186 kHz, 20-09, 2029 UTC. Early start

891 134 57
69834 91020 28974 71856 74832 89648 73282 64825 48142 73848
36457 38491 82713 43143 65689 28756 42351 73145 32424 67857
83273 56425 34245 23246 76879 87435 28184 61547 93671 75364
72825 34732 53426 47589 73647 58326 15264 37485 63542 43557
64536 47586 67453 45684 65783 74859 82736 47382 74651 27631
72361 74827 36452 35263 72813 26743 84732
134 57 00000

5197 kHz, 21-09, 2130 UTC

634 134 57
69834 91020 28974 71856 74832 89648 73282 64825 48142 73848
36457 38491 82713 43143 65689 28756 42351 73145 32424 67857
83273 56425 34245 23246 76879 87435 28184 61547 93671 75364
72825 34732 53426 47589 73647 58326 15264 37485 63542 43557
64536 47586 67453 45684 65783 74859 82736 47382 74651 27631
72361 74827 36452 35263 72813 26743 84732
134 57 00000

E07

9064/10264/11464 kHz, 01-09/02-09/15-09/16-09, 0600/0620/0640 kHz

024 024 024 1 401 61 401 61
36201 09304 35321 81950 11119 83814 15951 95377 79150 45388
09415 26728 96133 96314 56386 56919 24103 43677 64549 65552
26121 88712 65522 35089 83839 46288 79412 83270 19491 07333
00816 79929 95668 72592 53578 15318 14428 03562 49127 70058
90453 30599 66130 16660 93255 03562 55544 40485 23803 11184
79316 37695 93420 25138 87283 64427 03370 66765 65947 97944
08424 000 000

12139/10639/9139 kHz, 02-09/05-09, 1700/1720/1740 UTC

161 161 161 1 9309 156 9309 156
86332 61979 34874 48829 16615 45798 60985 36904 37899 91114
46391 91686 42468 66597 48510 87868 30146 19311 84467 31916
98382 45394 98191 53107 36581 58663 98708 66682 30390 36642
62907 71100 47547 46766 31141 65518 90341 46612 68556 19875
94035 87036 48382 73864 16756 00102 24462 24352 66800 81819
74142 22494 65464 07543 14881 71958 61222 57713 85842 28810
59766 30935 60128 09979 91809 18883 91243 67892 01436 03783
41518 63473 40800 62357 75949 47866 12124 28410 51335 24201
87789 05752 61194 09675 55721 44581 30298 84877 24356 46745
19127 88303 13673 03274 26170 61318 65759 84039 93379 96637
03137 65200 34722 10487 62562 59212 57053 91395 26008 67937
00818 46611 95466 65624 11575 07802 60297 75266 13206 88545
62890 00817 22534 79640 26592 75818 34513 66971 29915 11331
08819 10223 42193 34766 47498 74196 14551 54205 67799 76955
10433 35882 66035 35056 50679 77627 07808 79594 20005 16288
82169 99950 43269 39505 36392 17920 000 000

18438/16338/14938 kHz, 04-09/07-09. 1100/1140/1140 UTC

439 439 439 1 515 113 515 113
54356 90477 24027 86271 20134 52685 28487 89713 14684 25782
72353 17320 05289 53661 74469 98973 14328 16611 98390 19814
75219 17202 02585 16908 88631 58694 23800 56601 89325 70561
07700 92744 47947 42676 50719 76127 43290 55874 21924 42313
61578 67701 03596 61355 22239 91194 86932 96902 60190 89897
30247 99268 48075 80523 62969 73500 24960 26865 24340 26685
04859 00549 38192 12128 99088 75371 02681 27953 80186 57012
68625 94870 01692 49403 23597 55525 95815 11090 37742 53135
50347 98442 72136 72581 36580 54674 55113 13614 47120 83540
06295 23410 70371 34726 96406 48261 99121 85992 70269 42045
87676 67658 39964 00433 56490 09199 62402 62888 23105 03534
78843 58670 06747 000 000

12139/10639/9139 kHz, 12-09/16-09/19-09, 1700/1720/1740 UTC

161 161 161 1 405 101 405 101
85480 70570 20624 14404 89074 88003 61921 21222 73916 05021
76209 54405 81386 51057 75300 45276 73802 55786 79369 21536
43853 49983 16427 80569 08597 30251 44151 52702 05689 32189
18183 41819 19671 59549 58618 66672 83926 04223 55223 72118
82650 81841 05346 83128 85160 57979 28819 29634 59685 63864
36342 15099 31361 34870 07211 18229 83292 28559 42161 10471
19133 91062 66899 95323 09766 25042 84533 24799 06291 09374
77895 24908 98787 45363 59093 54865 03585 25990 21973 76605
36270 90854 06080 35276 05424 18571 05076 10780 61267 37513
13574 61128 85237 29131 26734 60824 70122 13063 52071 52966
63340 000 000

18438/16338/14938 kHz, 18-09/21-09. 1100/1140/1140 UTC

439 439 439 1 6841 87 6841 87
98678 38898 89298 39159 99837 26998 16785 32807 87305 95491
99900 47973 92531 22602 24262 13961 16893 55471 20794 46723
24953 80086 78049 10471 86352 48454 79292 65857 69377 27322
40286 10047 38777 58941 94191 27329 04492 33264 46377 84916
55269 86096 69588 57642 58892 70526 67190 10723 02381 09425
57311 70196 52248 64379 39121 76887 85401 90044 85933 18061
84232 01781 48043 43951 70593 39392 51049 81580 74939 93549
30640 83453 51165 92526 47813 93073 62037 79406 84856 51334
64630 31763 86478 72911 42062 51395 83921 000 000

12139/10639/9139 kHz, 23-09/26-09, 1700/1720/1740 UTC

161 161 161 1 183 110 183 110
09166 26733 07798 29124 03325 37340 08069 21296 75823 90817
77160 42057 02231 95073 92129 09487 43854 73743 59671 95731
53295 21822 65559 01747 40961 46730 64028 19579 75787 04661
52240 39552 46119 65508 50244 50569 32240 24898 98181 76227
27193 83175 58545 74048 87373 91330 60683 70491 53139 99651
40231 10759 21917 85829 31359 28738 56448 43770 31826 09330
29561 41407 14493 94643 72225 69070 67494 36195 37666 93345
40657 83385 12790 43904 78108 87040 61265 61142 80329 94811
87827 64656 38532 04409 15803 26317 42496 70658 40908 59453
56618 15497 87523 43374 80072 60182 39715 27327 97282 51743
73333 43181 86599 38361 53451 75403 41030 05678 31854 62389
000 000

9064/10264/11464 kHz, 29-09/30-09, 0600/0620/0640 kHz

024 024 024 1 990 118 990 118
55248 47787 92941 29499 25117 35170 63973 56072 04052 54351
58730 32378 66982 11285 66811 30887 86210 94612 37817 91737
60410 45816 04420 52173 87288 39341 52264 24549 98144 04483
38719 34834 63954 53064 32728 55114 90383 79304 65123 02370
27068 65539 37348 88143 45915 32872 04650 20754 69121 68536
44019 76751 60097 63167 67196 04790 60313 47574 69098 59854
85646 23191 45669 41068 27046 19927 15509 82332 45700 75579
19690 19864 94145 69488 62920 13866 72729 02179 19820 21107
53349 44024 31848 01922 89317 11253 67805 72004 47739 73215
11583 92587 57716 82080 21435 55548 85697 75849 21730 35035
11638 72074 14594 41559 53269 55700 71653 31151 74537 63961
92834 18269 49413 12274 60132 97852 62414 92790 000 000

E07a

10583/9383/8183 kHz, 14-09, 1510/1530/1550 UTC

531 531 531 1 66461 326 73 326 73
79633 30000 31929 92218 93007 90387 65081 93998 87264 52331
38070 55394 01291 00157 85846 92056 26292 19064 70790 00942
90502 76708 77038 82651 85947 06981 69081 61203 18454 59544
40924 46935 16994 29395 84792 52493 97863 68957 41934 39689
92554 42358 86551 92816 59416 37307 11817 78854 40610 66853
52117 23016 44607 17462 14664 66424 98068 85982 13392 43120
59040 14195 68005 95928 85216 47592 50188 01679 76043 17781
78121 48236 41404 000 000

11153/12153/13453 kHz, 15-09, 0800/0820/0840 UTC

114 114 114 1 66461 326 73 326 73
79633 30000 31929 92218 93007 90387 65081 93998 87264 52331
38070 55394 01291 00157 85846 92056 26292 19064 70790 00942
90502 76708 77038 82651 85947 06981 69081 61203 18454 59544
40924 46935 16994 29395 84792 52493 97863 68957 41934 39689
92554 42358 86551 92816 59416 37307 11817 78854 40610 66853
52117 23016 44607 17462 14664 66424 98068 85982 13392 43120
59040 14195 68005 95928 85216 47592 50188 01679 76043 17781
78121 48236 41404 000 000

8144/6944/5744 kHz, 19-09, 2000/2020/2040 UTC

197 197 197 1 36966 314 67 314 67
11617 14632 88694 52334 74389 92502 84459 66546 53471 16890
51024 75549 26781 12484 41057 25479 67228 76885 01878 16322
40672 47417 87694 83023 02609 77455 60027 39530 54520 80586
69490 74546 94720 22412 63528 48334 14041 91555 69961 03625
94076 77220 20111 07469 51500 02287 47624 71992 38263 34736
56216 26662 80615 30827 88164 53413 76108 83818 30942 44896
87903 66711 82706 28356 32898 43613 72170 000 000

6788/7488/8188 kHz, 20-09, 0430/0450/0510 UTC

741 741 741 1 36966 314 67 314 67
11617 14632 88694 52334 74389 92502 84459 66546 53471 16890
51024 75549 26781 12484 41057 25479 67228 76885 01878 16322
40672 47417 87694 83023 02609 77455 60027 39530 54520 80586
69490 74546 94720 22412 63528 48334 14041 91555 69961 03625
94076 77220 20111 07469 51500 02287 47624 71992 38263 34736
56216 26662 80615 30827 88164 53413 76108 83818 30942 44896
87903 66711 82706 28356 32898 43613 72170 000 000

E11a

10213 kHz, 03-09, 0745 UTC

260/36 Attention
22780 15558 35417 53994 07754 18394 87614 89275 02402 49045
12454 91273 27241 72382 98584 63874 42547 96932 04685 07269
30212 01562 14622 36607 68363 30386 49412 30347 35245 84998
87797 62222 60975 79213 47826 00343
Attention (message repeated) Out

7727 kHz, 04-09/05-09, 1205 UTC

468/48 Attention
66543 84949 20305 27747 99389 61350 03434 78431 04782 07168
92953 38835 42417 03855 75199 87304 33894 18578 85677 20103
01003 76615 02758 46234 81752 00728 17133 37887 54695 89772
71847 17570 48932 99215 04268 21570 22870 44889 54341 56342
49945 12476 24829 37478 82530 64733 23501 71804
Attention (message repeated) Out

10330 kHz, 06-09, 1530 UTC

260/36 Attention
22780 15558 35417 53994 07754 18394 87614 89275 02402 49045
49045 12454 91273 27241 72382 98584 63784 42547 96932 04685
07269 30212 01562 14622 36607 68363 30386 49412 39347 35245
84998 87797 62222 60975 79213 47826 00343
Attention (message repeated) Out

7317 kHz, 10-09, 1900 UTC

646/32
33793 90971 59007 31619 88683 45381 05380 82470 36124 59849
33977 14699 07879 64312 45224 19648 04536 12245 01096 17882
79704 66866 76863 68934 12649 39644 47098 37761 01814 97595
38079 66968
(message repeated) Out. No "Attention"

10800 kHz, 11-09/13-09, 0645 UTC

510/33 Attention

60533 51852 36331 82484 58899 19744 47236 90435 47009 75389
08585 03093 15526 17463 76003 18893 17771 33293 82789 05315
29483 63359 44891 93477 55980 85595 57817 57392 04413 31098
24816 24812 02001

Attention (message repeated) Out

5082 kHz, 11-09, 0700 UTC

571/38 Attention

72486 17157 58557 08866 60684 72296 59748 93975 02093 51081
38520 80017 04486 61952 29009 07556 80067 51549 00126 35407
15691 67523 67121 66335 46013 13679 86189 85203 82285 23603
33674 84896 25194 33804 40638 02683 95655 10943

Attention (message repeated) Out

6397 kHz, 11-09, 1605 UTC

232/39 Attention

43427 37703 74750 34344 54074 99401 12878 87708 46923 52906
56360 89755 22550 98539 06431 13301 42115 72730 85102 34587
11439 93715 15910 58294 92634 90493 51829 49236 77007 47086
05831 16560 05964 94354 37378 42762 91584 51425 79253

Attention (message repeated) Out

10800 kHz, 11-09, 1645 UTC

330/32 Attention

24303 33799 79933 59180 15033 18582 90879 97409 81195 38722
78098 66288 81400 23438 08765 65675 12688 60706 46806 15535
44445 80812 13781 68963 80542 54557 10526 17722 88722 01655
67847 35243

Attention (message repeated) Out

10448 kHz, 12-09/16-09, 1625 UTC

976/37

40100 54188 13397 48161 71249 56370 21249 63279 74040 65104
80275 52033 91977 34811 57325 53283 56708 08253 22024 49781
95609 70948 36759 68001 42957 72250 22087 41397 61576 78660
27106 95407 72403 13309 76223 06478 70694

(message repeated) Out. No "Attention"

5371 kHz, 13-09, 0815 UTC

432/36 Attention

24198 55725 03745 22905 31206 38337 62874 58632 16629 73071
92071 52939 49895 43437 04095 55678 75269 59811 24163 69106
05093 62293 38719 56845 64208 46551 46827 84052 38139 33817
98194 02989 48424 64312 67211 70028

Attention (message repeated) Out

8102 kHz, 15-09/16-09, 0710 UTC

495/39

17747 64527 50855 31044 68474 01793 69085 65279 97370 66759
08962 45815 61876 25555 88305 54853 11269 21849 43909 44565
61154 37014 44979 79636 95322 64921 88663 11643 18361 33793
08642 85559 30447 59415 47421 47065 29180 96499 17730

(message repeated) Out. No "Attention"

8180 kHz, 17-09/19-09, 0900 UTC

537/31 Attention

41893 23055 26254 34840 61056 12038 22147 78783 08515 75869
46268 84280 01579 88622 88566 58747 61623 27662 28214 68529
62010 29533 51540 37018 70974 80215 13630 41885 12822 45276
63951

Attention (message repeated) Out

13470 kHz, 17-09/23-09, 1745 UTC

249/35

16900 35077 67404 29969 46387 97893 24677 30131 68151 71103
76670 86189 86457 75513 68409 53805 76404 50950 68399 91560
92575 91670 44901 52761 40350 99827 59025 15804 49253 69917
70628 27828 09834 69746 80291

(message repeated) Out. No "Attention"

10800 kHz, 18-09/20-09, 1645 UTC

332/33

46279 10423 23002 93778 54894 12356 72370 60392 39700 44379
69144 09074 38994 82975 84347 37161 12863 98122 52313 97440
64877 56508 72133 52232 81738 26835 52612 82937 18280 07433
89400 60944 66021

(message repeated) Out. No "Attention"

10620 kHz, 18-09, 1925 UTC

558/36

12756 45792 45392 60945 00586 99792 22133 10969 50039 35605
67403 90723 85181 40273 91745 42350 45727 44041 49158 31329
02421 35861 29687 08804 69873 09996 92454 75852 59767 38431
40481 93133 88793 07066 36459 37787

(message repeated) Out. No "Attention"

6807 kHz, 19-09, 0930 UTC

276/38 Attention

98809 06118 84411 44310 18757 98725 47793 60259 57838 36095
58045 67823 97513 69603 30523 63384 05340 84965 66068 86865
49008 58502 61425 73475 19219 54667 46304 42331 15661 79452
63580 42321 47471 20675 03935 68137 61319 49831

Attention (message repeated) Out

10213 kHz, 19-09, 1705 UTC

395/30

60007 77788 95193 55114 33373 68506 98697 90063 66997 78846
40450 12744 55794 89568 86036 53932 20693 96460 72563 92968
58372 49808 41867 86919 65434 67053 86652 43605 71699 85107

(message repeated) Out. No "Attention"

5844 kHz, 19-09, 1730 UTC

404/34

66260 75613 38669 37344 42501 45873 48368 37207 49060 70878
11261 94168 64786 02301 07863 73593 05737 04372 77099 28166
56775 37807 04852 24603 09523 24683 69914 32658 34099 19627
10552 11519 83300 24669

(message repeated) Out. No "Attention"

6807 kHz, 20-09, 0930 UTC

276/38 Attention

98809 06118 84411 44310 18757 98725 47793 60259 57838 36095
58045 67823 97513 69603 30523 63384 05340 84965 66068 86865
49008 58502 61425 73475 19219 54667 46304 42331 15661 79452
63580 42321 47471 20675 03935 68137 61319 49831

Attention (message repeated) Out

10302 kHz, 20-09/22-09, 1300 UTC

587/39

55928 31139 67428 27672 21875 01894 07677 76175 38632 67171
56588 83090 68438 30967 36373 44824 65559 18541 28175 64203
38100 06573 39586 73565 35060 78493 24947 02036 62947 14952
58059 87872 32192 99022 73103 73690 94430 11506 31166

(message repeated) Out. No "Attention"

6397 kHz, 18-09/23-09, 1605 UTC

237/35

35083 18675 80666 08876 63138 37227 40987 00678 48951 61498
03865 16058 91802 69256 96992 00633 23296 68750 72350 58089
63330 80640 50862 21965 73478 51732 49694 17065 95572 06816
30643 59435 90330 02436 82542

(message repeated) Out. No "Attention"

13470 kHz, 24-09/28-09, 0600 UTC

183/34 Attention

03176 94437 51448 26959 69348 06567 60373 09293 88229 62021
26945 53338 29767 42630 61452 00280 95330 78823 27415 73767
81068 26642 05664 45877 27357 92376 04769 69091 23854 71242
20206 72769 94735 16960

Attention (message repeated) Out

7317 kHz, 24-09, 1045 UTC

696/37 Attention

91611 43767 51089 46633 55622 72772 28559 10858 68958 19902
55684 51320 11346 40297 66665 54786 41021 52039 99956 20611
58041 97783 69889 74932 19026 19178 03680 46406 80833 73537
83364 17932 59135 78098 74170 27678 20348

Attention (message repeated) Out

10246 kHz, 25-09/27-09, 0845 UTC

159/23 Attention

09507 13793 45320 28142 12153 67760 63452 46882 96031 23852
08549 69217 38097 04149 85830 30161 87586 21895 41816 42649
02777 04931 90540

Attention (message repeated) Out

7840 kHz, 25-09/28-09, 1000 UTC

305/30

75227 32662 06444 45937 79324 66774 61342 74413 00125 44597
66270 53370 68420 72444 82249 35635 36109 42569 63275 12765
93165 89615 16893 91695 77316 45959 41271 95063 62689 27311

(message repeated) Out. No "Attention"

7727 kHz, 25-09/26-09, 1205 UTC

466/38 Attention

47155 96333 75472 84848 00405 16648 57448 11579 18517 82213
08667 37312 46336 04025 64099 88836 53804 30782 48345 24045
39720 07064 57575 39211 35873 90797 76987 29897 24287 15725
17470 59401 76622 94481 57255 85449 83159 49865

Attention (message repeated) Out

13046 kHz, 25-09/29-09, 1345 UTC

918/31

28395 15675 20267 44742 32584 04140 60886 76989 33979 74673
67852 47858 47680 23723 70053 66155 17838 93144 05110 80206
69517 41137 82311 22666 41437 51754 84352 94859 19427 95312
15418

(message repeated) Out. No "Attention"

12153 kHz, 26-09, 0640 UTC

941/28

62999 43138 48716 66754 43019 90019 29200 93169 51659 46013
14473 08411 85631 62723 02316 10036 08692 06656 22143 10343
63225 84515 73279 36217 01862 71196 43357 55047

(message repeated) Out. No "Attention"

9963 kHz, 28-09, 0715 UTC

635/35 Attention

18897 77569 85782 58040 77612 52345 96966 06797 70703 85802
36790 05741 49981 15987 05203 80821 94774 86787 51412 99303
44033 81726 18285 99767 36674 54601 06792 20220 07592 78832
28642 07602 86916 49463 81147

Attention (message repeated) Out

8530 kHz, 28-09/30-09, 1910 UTC

612/36

53071 93092 61131 03684 47108 51368 38794 77555 78511 51815
86921 84673 00842 35845 92965 73249 67743 41061 49951 61798
83918 61487 39726 58702 61143 45885 22533 68520 58715 01152
09258 61281 30637 71998 12653 47737

(message repeated) Out. No "Attention"

9200 kHz, 29-09/30-09, 0805 UTC

319/31

91259 27009 82691 68506 07318 12302 81468 48677 85297 07125
17126 53691 38233 13027 40442 72356 62036 16595 63795 31901
12798 76605 83763 22513 47195 84867 57756 96717 40797 37597
01416

(message repeated) Out. No "Attention"

8186 kHz, 29-09/30-09, 2005 UTC

366/32

64040 37376 23541 56571 86766 66542 82750 81842 84848 22301
94869 72647 94950 84727 89378 43908 26200 19183 24710 35811
12769 64712 37049 67150 66176 53456 69405 78670 15334 53792
86572 65863

(message repeated) Out. No "Attention"

E17z

14260/12930 kHz, 06-09/13-09, 0800/0810 UTC

674 280 5 88620 58069 61732 74537 57440 280 5 00000

14260/12930 kHz, 20-09/27-09, 0800/0810 UTC

674 830 5 35194 36584 38083 35453 45388 830 5 00000

G06

5934 kHz, 13-09/27-09, 1829 UTC

579 273 62
64537 27364 28374 34736 39291 27384 37438 28372 27480 94832
74563 38458 83492 29310 18237 74391 37281 17283 84032 72362
84393 67482 56464 69738 26491 32642 13794 83842 23810 47131
95437 82683 73913 74592 43618 74932 74924 74297 43621 94724
84538 85937 34021 83929 90184 72641 84829 74826 48231 83732
72642 85914 38539 34752 75392 83482 75637 73892 95736 64612
84759 76491
273 62 00000

5442 kHz, 14-09/28-09, 1929 UTC

947 273 62
64537 27364 28374 34736 39291 27384 37438 28372 27480 94832
74563 38458 83492 29310 18237 74391 37281 17283 84032 72362
84393 67482 56464 69738 26491 32642 13794 83842 23810 47131
95437 82683 73913 74592 43618 74932 74924 74297 43621 94724
84538 85937 34021 83929 90184 72641 84829 74826 48231 83732
72642 85914 38539 34752 75392 83482 75637 73892 95736 64612
84759 76491
273 62 00000
Windows shut down sound

S06

11643/9097 kHz, 04-09/05-09, 1515/1615 UTC

409 561 48
50102 66729 73975 04636 06224 06853 56688 17803 88779 43038
55755 30751 07048 60808 74771 53365 08596 73619 36444 30877
74133 16945 79548 73246 37995 34476 92264 00949 05890 55047
39377 92473 28022 35476 12985 42131 91419 97684 81912 47892
95431 53672 51682 94919 28114 90458 54144 94518
561 48 00000

8056/5846 kHz, 04-09/05-09, 2130/2230 UTC

726 859 40
83744 10470 93321 21689 99042 13220 95277 57182 28397 36122
73959 88910 66044 56402 20639 73997 76389 65006 09657 57164
23151 56077 64525 95014 59532 21595 49916 09713 65382 80894
37965 14252 42254 99723 22325 76478 02315 78541 78413 14089
859 40 00000

15721 kHz, 21-09, 0400 UTC

480 679 55
46636 59311 46261 14142 20473 18252 20108 30946 01625 06051
51243 56982 31961 00200 42819 61510 00234 31737 61434 09522
66435 50795 83606 87881 61255 67636 19696 18678 21573 73856
38702 76963 47921 73464 42380 55081 94862 78503 62109 40759
30209 48910 76950 01161 24032 81308 76340 90081 53393 76406
15844 20478 33732 39697 39415
679 55 00000

S11a

11493 kHz, 03-09/06-09, 1015 UTC

477/37 Vnimaníye

97697 74184 42255 89962 25762 64701 43393 40043 33233 45854
00374 33786 64267 65106 09981 47986 57410 93077 78533 60625
94918 79325 17361 18953 63664 45676 18076 97592 80523 66379
75645 12100 60340 95274 89500 44864 12707

Vnimaníye (message repeated) Konets

9668 kHz, 05-09, 1110 UTC

121/30 Vnimaníye

43717 90807 61461 03561 67087 32460 87162 04067 51663 60412
76864 31656 64363 64360 01326 14087 61273 60426 12685 66324
61768 76431 76604 66143 76416 18643 67640 76416 76463 66643
Vnimaníye (message repeated) Konets

10800 kHz, 05-09, 1450 UTC

560/39

70464 24407 02378 56864 36708 25530 67311 65792 28511 25520
14769 40482 53564 77592 66790 22487 22372 21767 37575 77243
73105 11458 27256 25910 08014 41644 79550 86196 79084 13657
18410 91212 70323 77201 96968 53585 52871 69726 12484

(message repeated) Konets. No "Vnimaníye"

10213 kHz, 05-09, 1850 UTC

284/31

95652 09941 51009 37397 65398 20165 32236 26132 59911 91935
34424 04282 29782 31884 26825 38963 39305 98782 16988 26843
27903 48807 94657 73581 34788 86514 65148 01801 66182 21872
99605

(message repeated) Konets

5358 kHz, 18-09/20-09, 0455 UTC

327/38

35849 40786 67999 42970 26336 05455 01970 38068 74308 87191
27961 77988 20637 22645 52267 93458 01356 00408 64838 16734
81048 40743 59778 02859 92001 26239 09279 13398 44714 02128
65984 68854 95040 75201 96721 13032 24440 46572

(message repeated) Konets. No "Vnimaníye"

4016 kHz, 19-09/21-09, 1955 UTC

370/34 Vnimaníye

32769 61919 76569 39137 89592 68685 63564 79936 17127 72912
11105 01710 72461 73177 34859 22012 75256 28511 56856 03408
80761 69843 10153 67569 83387 06119 82436 77239 18246 62043
83506 57263 59802 16240

Vnimaníye (message repeated) Konets

V02a - Dirección General de Inteligencia

See M08a

V07

Pierre's V07 report.

V07's operations on 9 September experienced some problems. The first TX at 1100z on 16137kHz happened normally, it sent a message. Then at roughly 0110z the usual tune-up test took place on 14637kHz. But there was no transmission at 0120z, the frequency stayed silent.

Then at roughly 0130z the tune-up test was transmitted on 13437kHz. At 0139z a strong drifting usual test carrier came up. It went down past 0140z, and yet still no V07 followed.

For the following hour there were more sporadic test tones on 13437 kHz, including a carrier with an AM, partially suppressed LSB, continuous tone at 3 kHz (the usual Radio Vostok Rossii crosstalk?), that stayed up for half an hour. I checked a bit the other frequencies too. But no V07 anywhere except for the 0100z transmission:

16137/14637/13437 kHz, 09-09, 0100/0120/0140 UTC

164 164 164 1 172 67 172 67
18145 38208 32773 39853 56180 43710 48066 74836 50499 97638
22746 26559 03202 23905 35296 96459 _2042 90459 49569 61355
7_349 79690 95726 08931 78605 95584 55862 36870 10074 16317
78162 66533 87637 49785 19060 41179 66203 36098 45294 27517
44096 89303 17408 05736 70774 36664 86_05 14310 33267 89518
60576 42613 79_22 80808 04568 01819 90788 26125 687_6 97790
26512 61316 45445 32722 92403 11806 33636

I missed some digits because of lag, and wasn't able to complete the log due to the missing repeats... I hope the agent copied it right the first time; it'll be interesting to see if they retransmit that message next week.

In short, V07 message at 0100z but no voice at 0120z or 0140z despite transmitter being up on the scheduled frequencies. Such technical mishaps are rare from Russian 7.

Pierre Ynard,
with priyom.org

16137/14637/13437 kHz, 30-09, 0100/0120/0140 UTC

164 164 164 1 961 63 961 63
23515 84946 33022 84561 38209 59023 44400 27560 48480 46216
87649 54177 21021 47587 94956 87222 04782 74220 11979 65361
59296 99545 92558 97075 37081 76139 04820 02321 97386 64442
47578 01109 19768 38350 37880 36262 48618 57329 46084 22340
23425 59376 10558 01683 79421 45498 63949 94654 88462 90115
49321 36898 18715 52235 78604 93033 07838 26978 45727 89797
19222 72219 21011 000 000

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

Still hopping around. No apparent schedules lately.

V15 via PBS Pyongyang Pansong

North Korean Intel. via PBS Pyongyang Pansong on 675, 3320, 6400 kHz, 22-9, 1445 UTC

V28

2998 kHz	4-9	1158 UTC	Parrot. Messages in Korean. Male operator	AM
3049 kHz	4-9	1158 UTC	Parrot. Messages in Korean. Female operator	AM
3518 kHz	4-9	1158 UTC	Parrot. Messages in Korean. Female operator	AM
2928 kHz	4-9	1206 UTC	Parrot. Messages in Korean. Female operator	AM
4494 kHz	6-9	2107 UTC	Parrot. Messages in Korean. Female operator	AM
4627 kHz	6-9	2107 UTC	Parrot. Messages in Korean. Female and male operators	AM
4980 kHz	6-9	2107 UTC	Parrot. Messages in Korean. Female operator	AM
5151 kHz	6-9	2107 UTC	Parrot. Messages in Korean. Male operator	AM
4494 kHz	24-9	2105 UTC	Parrot. Messages in Korean. Male and female operators	AM
4625 kHz	24-9	2105 UTC	Parrot. Messages in Korean. Male and female operators	AM
4973 kHz	24-9	2105 UTC	Parrot. Messages in Korean. Female operator	AM
5158 kHz	24-9	2105 UTC	Parrot. Messages in Korean. Male operator	AM

MORSE STATIONS

M01

6510 kHz, 02-09, 0700 UTC

463 221 221 30 30 = =

56467 02031 67832 78566 81933 72810 76516 79505 29239 84093

42250 78810 81163 76904 38606 39337 77139 40378 89936 74397

75068 29639 08621 21905 18960 06297 46885 70165 04806 46670

= = 221 221 30 30 000

5475 kHz, 04-09, 1800 UTC

463 812 812 30 30 = =

35196 58717 22922 05391 71630 33152 44214 27320 05109 76761

54941 57568 59112 50937 51576 05391 80960 33265 14426 30101

97810 90222 35293 36617 24012 00580 24774 45264 16448 13738

= = 812 812 30 30 000

5020 kHz, 04-09, 2000 UTC. Different repeats between brackets

463 801 801 30 30 = =

96941 48511 17436 12525 75782 (772) 76980 60882 31996 40687 20808

88939 37694 22031 35918 45065 01244 34654 (34655) 33675 (36) 94259 89082

55656 84642 79131 66504 27696 71659 61227 85465 15701 28166

= = 801 801 30 30 000

6260 kHz, 08-09, 1500 UTC

463 463 463 =

451 451 30 30 000

98977 93994 59265 28091 85958 90644 85548 18391 76791 10503

19269 33818 89038 78947 22917 99173 06925 44235 34730 76936

86380 61973 08832 78559 80757 11871 47439 44576 94473 61201

= = 451 451 30 30 000

5475 kHz, 11-09, 1800 UTC. Incomplete header

463

13206 15360 14209 95063 15140 97873 54941 37866 19847 95138

96534 62294 55012 29212 78119 32805 93156 33301 72431 12489

47553 15537 44803 62510 86767 04139 10945 85159 86333 16952

561 561 = 30 30 // 000

5020 kHz, 11-09, 2000 UTC. Different repeat between brackets

463 571 571 = 30 30 //
13584 (25584) 92503 52442 13593 56796 39866 47042 61255 53735 30378
30910 81361 05489 85974 63040 37333 38748 29475 73847 03457
11690 72222 97675 41292 10113 72663 67714 26472 93265 85343
// 571 571 = 30 30 000

6260 kHz, 15-09, 1500 UTC Sent only 29 groups

463 593 593 = 30 30 = =
63470 11228 47197 43095 96185 96495 13378 76559 34798 27688
06943 93992 04027 33622 69721 04844 14024 50630 79890 55117
50920 42790 95080 26758 13017 83192 55230 34308 75773
= = 593 593 = 30 30 000

5475 kHz, 20-09, 1800 UTC

463 125 125 30 30 = =
99020 68666 28097 73871 13323 85950 32795 50724 39141 25784
09136 72308 10938 25276 90275 00873 25722 25172 21295 62466
99491 54969 27089 94429 92272 51942 22787 89815 72774 06122
= = 125 125 30 30 000

6260 kHz, 22-09, 1500 UTC

463 914 914 30 30 = =
36766 03004 65491 07238 75039 94984 55218 09756 71043 20312
33110 33293 07378 20525 64042 90763 30193 89326 99263 46433
74585 21671 73599 22400 73852 19799 10547 20677 61062 88004
= = 914 914 30 30 000

4517 kHz, 26-09, 0713 UTC

378 34 =
64624 92788 50127 201532 45776 09000 17698 60381 84227 46537
46384 92275 28147 76943 73390 83913 38310 15342 54457 26530
39725 03412 19660 55329 03609 58052 42751 34452 18496 91830
18959 10228 43999 23835 =
378 34
111 000

6260 kHz, 29-09, 1500 UTC

463 397 397 0 30 30
16686 51436 47242 19138 20402 08151 52675 36451 34812 09724
40286 87346 48428 54062 61245 96460 10189 52849 11543 21343 *)
11543 31391 77331 64996 28855 29564 39564 19447 85052 53476 21498 31798
397 397 30 30 000

*) sent group 18 again and a new group 19

6510 kHz, 30-09, 0700 UTC

463 235 235 30 30 = =
60906 71883 97165 17240 61109 77268 03892 75293 28845 90525
62104 84147 36080 95662 68865 43930 95872 69981 61258 28746
84985 70777 29494 13675 29108 15157 23428 83772 66047 79530
= = 235 235 30 30 000

M01a

9411 kHz, 07-09, 0531 UTC

751 (x3) 955 11 (x2)

4237 kHz, 07-09, 1301 UTC

975 (x3) 926 96 (x2)

975 (x3) 921 76 (x2)

975 (x3) 918 79 (x2)

111 000

3192 kHz, 07-09, 1803 UTC

111 = 75320 81472 07034

111 000

2594 kHz, 08-09, 0440 UTC

11 502 04

949 (x3) 502 04 (x2)

111 502 04

000

3378 kHz, 07-09, 0453 UTC

312 (x3) 111 000

4488 kHz, 08-09, 1144 UTC

361 (x3)

361 (x3)

361 (x3)

875 36 (x2)

4573 kHz, 08-09, 1452 UTC

618 (x3) 447 47 (x2)

111 000

111 000

3768 kHz, 08-09, 1520 UTC

133 (x3) 906 23 (x2)

111 000

4099 kHz, 08-09, 1533 UTC

387 (x3) 941 50 (x2)

387 (x3) 941 30 (x2)

387

111 000

2803 kHz, 16-09, 0420 UTC

633 633 633 728 26 728 26

333 72682

040 01

333 111

020 27 30

111 000

5080 kHz, 16-09, 0440 UTC

132 132 132 998 73 998 73

111 000

3389 kHz, 26-09, 0523 UTC

333 20

111 000

M08a - Dirección General de Inteligencia

7555 kHz, 11-09, 2000 UTC

Two M08a transmissions and one V02a mixing together

17480 kHz, 13-09, 2200 UTC

AWNGA NGWNN TNGRN AR AR AR AWNGA AWNGA AWNGA = = = DUNGT DGNNI ... AR AR SK

M12

16348/14848/13448 kHz, 03-09/05-09, 1400/1420/1440 UTC

384 384 384 1 9899 77 9899 77

80075 07185 22249 32842 11360 67753 16855 42289 19785 44840

03134 90871 83931 93883 00620 82078 78770 37043 68458 20368

58114 41404 06776 63109 22199 11434 71439 77110 02596 41952

44672 65091 58296 75405 40282 67458 89566 02573 28170 17070

75226 69855 30904 91562 79848 47448 10699 98113 86398 64960

97950 52635 34247 57024 78382 50994 35586 43608 05370 97736

99209 36416 35922 45516 37780 61376 56867 37150 18951 28540

56931 45614 25880 92907 15913 98113 89764 000 000

8047/6802/5788 kHz, 03-09, 1800/1820/1840 UTC

463 463 463 1 6808 93 6808 93

45127 83373 37248 54932 30712 93517 11807 51664 14791 33111

45989 38097 48201 29272 47290 82708 61303 62903 71699 32779

30496 62071 11901 24175 99234 30397 65904 57436 32291 61677

80929 48043 59005 51855 59812 77328 24628 56710 76090 31246

42011 81892 64861 12819 94747 89908 65863 93400 48894 28479

12046 04542 92805 15222 78805 16804 04107 34492 48080 19732

65151 24995 46591 41721 71397 97003 18477 53585 94438 72166

92415 52182 43954 52716 16972 27919 66344 94212 21660 64892

55994 33693 72085 70515 19583 09276 88094 17390 57285 91702

59640 59164 30834 000 000

10343/9264/8116 kHz, 03-09, 2000/2020/2040 UTC

124 124 124 1 947 103 947 103
18329 49854 39174 66845 50210 07018 66503 10826 18416 84518
60167 15219 78678 73132 67673 76142 61822 54931 67729 31739
42181 83330 54782 59353 34816 80480 58758 39013 10636 10804
37105 94012 79524 66208 59211 28554 82347 76798 99886 15380
57818 34083 19464 56157 99319 61450 74759 13253 26857 04140
53710 54622 20586 61972 13524 30738 19044 36643 77030 21990
85418 18567 56231 29043 95435 43212 11839 55962 51978 04628
21561 21064 85445 48935 70317 86754 07039 05117 45224 97514
24261 27483 64513 05155 86861 27168 11502 64316 30380 99183
35055 66549 45791 58497 61982 72952 26334 50955 98922 73365
15107 26137 36027 000 000

6793/5893/4593 kHz, 05-09, 2100/2120/2140 UTC

785 785 785 1 2188 65 2188 65
39413 91378 57820 21923 89721 90957 75139 52590 06452 76561
30221 13120 46807 08975 36410 20305 12785 21550 42479 22483
17202 70561 76750 72797 43907 65248 14011 82337 91755 24907
08244 00172 41918 20762 46563 60812 35651 84089 54753 75807
23250 59619 50587 30811 45430 03717 99949 89279 12494 57793
62025 87429 38763 10925 98211 59152 03231 59600 87838 46111
69707 50683 86973 14639 84346 000 000

10343/9264/8116 kHz, 06-09, 1900/1920/1940 UTC

124 124 124 1 8070 118 8070 118
41858 44861 23430 27138 92245 15356 00267 59155 39590 26472
47514 19407 81291 21854 36585 96232 50532 24116 64087 26678
08939 82755 46181 75979 80798 85613 30552 71233 06562 03279
67989 90940 35621 40654 62548 15077 52916 51652 61739 50347
96632 31407 40274 05456 24037 45243 11698 85692 46677 69089
95884 56358 89066 33386 48521 67261 54353 53843 22113 45914
26224 10568 73742 46530 95853 17486 07119 92002 47166 85789
80604 67782 36797 91543 25406 24184 60597 01072 14288 80196
60256 36642 15835 30726 81711 73517 13218 57024 35651 66825
72928 53039 90460 82650 59573 34105 15369 83032 27724 30042
39229 87195 11978 47762 52337 82322 24782 12071 11170 17949
63327 06950 54993 73156 26951 31535 13833 81501
000 000

8047/6802/5788 kHz, 10-09, 1800/1820/1840 UTC

463 463 463 1 427 139 427 139
83053 92049 85359 33667 74665 49986 38706 76359 82983 88717
06631 48157 15626 51827 67505 16258 07924 61396 31792 64799
29386 50883 90602 37954 55571 10193 74249 56435 23557 43904
55047 09591 52126 91051 95089 59597 05240 91358 80193 07526
64855 14364 29059 91754 12703 62932 44481 76960 08956 54698
76630 42558 78912 14160 95294 33982 80977 70497 62265 69107
07264 84050 58073 30478 44639 94731 45724 79653 70554 15004
46999 25214 76311 51560 14877 89158 43530 77235 88567 78821
82877 78086 64292 74401 96310 28168 08391 75942 84643 93663
99576 86696 74417 93661 35688 42030 40675 55002 38163 29575
43984 85721 51305 46895 63105 13758 36025 08S00 99342 21688
79993 01606 13333 58208 88170 15250 70437 59487 58202 80570
13705 85833 2 802 07051 89418 77584 96180 16828 34506 21159
46744 36822 57555 21657 02997 04535 02070 52235 79599 000 000

10343/9264/8116 kHz, 10-09, 2000/2020/2040 UTC

124 124 124 1 5604 102 5604 102
65350 69842 49922 72809 93835 12627 55221 13476 51632 64691
52714 96447 25506 58525 30856 91431 14698 70334 73374 82901
05781 09189 06124 42685 97888 26434 88553 13107 36356 05081
18732 80948 15959 74252 47274 07917 91135 16482 56137 56618
79510 62765 60073 13007 63810 81716 28298 02638 14616 74632
12403 48640 77155 18294 18551 71823 25212 77871 08754 54297
31499 78211 71923 77028 21642 20985 70227 57502 31682 38488
39238 14722 76649 84171 02050 49321 94428 44804 71246 93054
95314 14580 63246 57824 42171 38051 13496 99615 37699 06624
45747 02591 19188 63939 00439 02895 75872 54753 37486 04527
58952 43933 000 000

16348/14848/13448 kHz, 12-09, 1400/1420/1440 UTC

384 384 384 1 2287 89 2287 89
94969 15570 40103 60388 94139 44837 10998 33579 36543 43128
55555 63879 78817 69908 24332 95756 14408 86267 70584 74772
38739 76402 43020 26208 15230 69320 56168 69076 43686 35373
21309 99875 93429 12728 50818 48640 83343 82797 96616 57038
24517 78990 26965 44098 72577 28147 50201 82879 03140 56756
13425 26482 35301 00210 98045 19199 29782 22198 78421 20468
38478 39862 17251 39852 86008 80840 71651 66013 11418 00774
86355 19360 55692 43431 14016 46258 48604 77914 60588 35061
23191 49689 71593 26389 43640 65139 78295 41019 84447 000 000

14377/13461/12114 kHz, 13-09, 1700/1720/1740 UTC

317 317 317 1 4637 106 4637 106
00636 74509 56108 10779 00946 30517 40758 16121 10142 12594
26895 63443 63680 69453 89581 05127 89638 85751 78281 39195
95824 19952 78562 99710 41906 25634 56375 16813 12701 25805
76561 14613 50258 07212 56702 15147 25350 58221 33622 51546
31172 52758 49528 33681 94148 67216 60519 98718 75367 72410
58418 29079 99727 63981 40976 85050 61459 46779 02892 88204
31109 11594 44604 09765 46637 90596 49275 12239 08436 97320
14617 60458 30084 84755 70373 03870 33900 75098 93411 29938
81860 04499 63870 32630 44523 52343 92041 04716 26904 20152
05283 06954 63941 61262 11159 67674 91222 32258 03866 62167
30413 07479 18926 77857 01893 73866
000 000

10343/9264/8116 kHz, 13-09, 1900/1920/1940 UTC

124 124 124 1 5397 123 5397 123
40913 33703 15080 71734 96944 07105 98526 07618 94183 54551
01886 58731 69474 09151 72284 75020 23187 11000 85234 86869
89040 31062 45486 59133 95856 75415 12122 06013 60816 83269
91357 38645 95726 00685 60752 45603 65374 92811 33156 20243
12729 75492 18569 35284 62597 25871 41661 71361 92683 34851
39667 23537 95981 21541 92426 06867 47237 05451 28413 89993
44775 97620 85519 42267 11024 30725 20867 93053 32122 87407
72326 64238 31503 99338 08631 11854 66842 29905 46461 17906
21383 09141 79162 23749 26367 63792 39657 06128 72377 22335
50410 23097 08668 17505 81074 24211 46815 95567 92808 75611
14858 24812 49571 47572 39312 03554 89262 91885 01334 08757
07267 14600 80564 88627 54205 02831 96153 03324 46698 63964
55299 34228 77167 000 000

8047/6802/5788 kHz, 17-09, 1800/1820/1840 UTC

463 463 463 1 8763 96 8763 96
95932 24135 72541 60431 83401 84141 51545 62210 14036 12068
04830 45232 69257 79876 74444 27792 21377 73038 16844 49258
73285 26319 19426 31504 53711 76787 97181 67747 36818 40776
04488 57109 32605 96209 66219 13007 50020 69216 14246 72972
96225 67134 77552 80564 78478 06965 94096 88203 61560 41511
98541 49722 63905 77195 55996 08026 88055 38083 72460 17413
69416 04419 27019 05948 32091 91298 89686 61624 18552 96584
37354 28522 88836 39803 42440 85643 47389 37481 46773 16093
63245 45150 31888 93027 48313 94701 12088 12678 95223 76964
90934 29707 94431 78141 89145 73209 000 000

10343/9264/8116 kHz, 17-09, 2000/2020/2040 UTC

124 124 124 1 8949 101 8949 101
39476 28184 49974 56117 16770 85389 21160 59622 06964 39537
86984 93957 65841 48433 50663 34909 35711 03287 32422 12204
02234 18271 25928 88758 96417 12177 93357 47905 84952 18526
35816 65760 86804 81300 67226 74150 97210 77105 00834 61369
78768 17135 35514 49311 15457 84517 37538 59139 84680 56808
79783 82594 41791 58429 70304 49343 44613 64662 15740 52575
10941 95964 14847 30635 32145 50221 72166 64875 76997 15816
65852 12700 02004 94722 06328 10834 88433 90405 42275 69522
01047 62294 60695 05987 13767 47698 27750 53611 93111 78517
31684 23388 55502 22923 54495 68344 34482 05895 14392 12970
06513 000 000

6793/5893/4593 kHz, 19-09, 2100/2120/2140 UTC

785 785 785 1 251 93 251 93
83453 49755 82188 80672 77820 53049 14217 73940 60305 74275
45822 15838 47071 71280 51493 13208 28070 26668 59662 28806
02360 38980 03269 23544 91900 92503 47896 26309 20569 51868
20700 70164 03201 77014 27357 66788 20975 62975 52586 68559
99432 84998 73038 25580 12973 45734 38809 29903 40231 85175
77395 98935 11773 65705 16627 58868 50428 96051 95795 10330
42504 74804 83983 95694 29072 43696 22512 39521 22026 41359
29228 76721 26764 45297 71309 01599 69755 59592 06018 80448
52069 81240 41569 82443 29968 95234 77558 98829 04293 06170
32979 02137 15388 000 000

14377/13461/12114 kHz, 20-09, 1700/1720/1740 UTC

317 317 317 1 3205 105 3205 105
78842 83087 99657 99251 00980 88699 62960 50341 22461 04219
99347 91678 74299 40078 30792 45694 67249 61840 92363 86624
48768 81561 37035 61022 84295 12025 63278 14269 277?1 50187
70191 22520 85591 59502 43613 08852 34962 89515 60631 80974
70143 39493 03670 87847 53238 16194 67917 85796 05088 06950
96702 87748 23077 19220 13330 44121 06701 44831 51328 10826
60350 76509 92263 40435 05952 46460 86850 12825 69380 77126
73233 47643 26235 67916 36626 37014 64110 63056 05124 19576
52709 01176 99158 72266 91720 66250 54435 04999 11984 70863
04565 81208 11729 81078 39960 45592 77075 05537 82416 65162
18303 37279 33065 91571 30217 000 000

10343/9264/8116 kHz, 20-09, 1900/1920/1940 UTC

124 124 124 1 1316 123 1316 123
85566 24796 36360 94135 36692 36186 46312 11231 32458 25646
02638 01583 64029 47075 47484 84544 33471 99100 29739 37252
01102 94894 14619 70792 19934 61646 07444 61790 36090 48216
74234 65948 64181 46207 96648 87136 20002 08183 74740 53877
18320 33783 51545 48339 54402 59264 66652 36633 61558 70369
62424 34081 68531 30702 82245 47349 20927 59856 52513 14482
45079 18249 80555 07958 22392 19544 38762 68130 37401 08191
54351 15422 90256 53151 61640 47680 34049 83079 36395 76820
47095 54842 37802 90039 50176 40697 20168 46889 83110 94659
20081 91362 87809 62167 19862 16810 48805 12143 05823 00524
14731 24396 82135 81734 29297 97125 10840 94420 51407 81133
33724 25509 34744 81349 65406 23916 16149 41307 18081 82850
93632 76582 42007 000 000

8176/9376/10476 kHz, 22-09, 0500/0520/0540 UTC

134 134 134 1 251 93 251 93
83453 49755 82188 80672 77820 53049 14217 73940 60305 74275
45822 15838 47071 71280 51493 13208 28070 26668 59662 28806
02360 38980 03269 23544 91900 92503 47896 26309 24569 51868
20700 70164 03201 77014 27357 66788 20975 62975 52586 68559
99432 84998 73038 25580 12973 45734 38809 29903 40231 85175
77395 98935 11773 65705 16627 58868 50428 96051 95795 10330
42504 74804 83983 95694 29072 43696 22512 39521 22026 41359
29228 76721 26764 45297 71309 01599 69755 59592 06018 80448
52069 81240 41569 82443 29968 95234 77558 98829 04293 06176
32979 02137 15388 000 000

16348/14848/13448 kHz, 24-09, 1400/1420/1440 UTC

384 384 384 1 567 105 567 105
36436 37791 94189 22821 96124 16548 96384 47686 15691 17158
35043 13694 28029 23145 60019 20897 63195 23056 29376 24248
17638 04276 44654 04610 33994 39092 53306 62140 51542 12942
11026 38216 41906 99462 99042 00437 42588 81685 91967 17874
38683 83135 69871 73869 27944 25333 02956 09183 58682 40786
57632 90281 39022 09490 71118 79944 44139 89226 54987 98329
08955 03071 72317 27569 49839 31584 21180 11664 64081 25026
71001 65896 19628 72119 21395 01752 21977 70567 69703 20260
42424 38346 04314 66252 14837 12541 98893 39260 54870 82163
15902 91810 17884 06681 93934 17661 52670 50641 62980 32850
27267 07107 44280 15458 23713 0000 000

8047/6802/5788 kHz, 24-09, 1800/1820/1840 UTC

463 463 463 1 8968 95 8968 95
60554 57257 43245 30233 02445 15423 33730 02925 17214 72969
49573 72457 60684 77810 50558 44121 29356 97042 59977 10972
86285 11415 10507 91473 94755 02592 28386 09869 13139 71815
51081 31830 76456 05966 33135 87869 49640 78085 87816 89808
72216 78067 25049 02876 42727 25457 39401 08206 22423 35048
64574 19483 46198 93387 65634 21755 09119 94877 58779 97875
91341 74406 09603 17318 96635 62520 63498 61510 44388 59988
50695 90309 20626 53760 77044 94528 51076 66835 34461 82609
71996 55729 75728 48335 73203 65299 03809 18001 73727 96258
67126 36553 27598 39285 59612 000 000

10343/9264/8116 kHz, 24-09, 2000/2020/2040 UTC

124 124 124 1 1909 103 1909 103
66820 89740 68471 51410 17105 27706 36282 51832 98065 68951
74180 62029 39082 98784 92415 14197 87891 92391 26978 54566
92894 07891 07151 64885 92707 87565 74763 77382 63278 56861
53367 12442 98174 86786 05343 14252 87035 76275 20330 03991
75522 74230 63605 01139 00213 38177 30669 54944 63420 36881
81567 00209 58904 66478 39043 08361 60467 24679 16431 48823
00930 89879 74191 15130 49277 00686 26818 63051 89888 81229
16405 39336 57604 82135 88003 32109 97146 67898 07328 09880
62015 60930 12273 64881 62124 99573 11881 32142 38098 07349
37854 81130 68774 34952 50422 47862 21614 42971 72162 54399
93881 07209 89539 000 000

M14

18041 kHz, 03-09, 0500 UTC

952 730 730 50 50 = =
14967 52014 58702 39488 05442 96916 45781 87209 03254 69808
68355 85483 95759 08614 96785 64796 03814 34769 99074 44243
93288 04564 66306 02453 48406 69553 83482 75546 80326 13251
81718 61853 69428 56272 32718 38033 64715 47123 71475 16327
88788 80826 58127 97597 21830 12557 14917 99872 63018 58494
= = 730 730 50 50 00000

18041 kHz, 04-09, 0500 UTC

952 184 184 55 55 = =
40478 83540 19500 75792 31061 58120 80300 17264 15511 14545
76959 91492 32648 86741 53206 62602 05509 76969 30758 66342
23463 60186 99916 06690 43971 86557 00832 06063 62398 24294
06468 63835 23340 10014 43154 02837 81881 98809 09668 08534
68242 31210 80796 90572 14236 59222 06300 21367 64980 98647
41231 31435 24302 99849 68537
= = 184 184 55 55 00000

18041 kHz, 05-09, 0500 UTC

952 673 673 50 50 = =
35151 54097 52254 84506 99821 05170 93394 54951 54945 91306
56651 33992 63455 97950 98112 21487 96686 16997 28410 01322
02750 07436 09654 94869 17587 69367 19274 48924 48389 79837
22938 69045 84065 63921 23741 34250 12442 99506 79844 53986
48902 79201 07775 53333 06124 77804 13539 97362 59632 98787
= = 673 673 50 50 00000

18041 kHz, 06-09, 0500 UTC

952 140 140 55 55 = =
74303 42932 23992 66921 35093 95345 77498 37269 28924 15114
30096 72443 82827 60221 60833 88371 54821 87729 64864 85015
40695 31438 60473 75253 87133 11273 54789 07208 72134 79108
91632 97227 38642 30700 29929 15693 92344 38416 26123 92848
99572 84457 19035 36833 46221 99260 40598 81118 43657 34752
00910 03515 92530 27161 21041
= = 140 140 55 55 00000

5947 kHz, 11-09, 1820 UTC

346 737 737 53 53
46782 15711 80312 44901 17172 45601 33723 98700 23443 17368
35461 90022 13151 47743 31410 46570 34102 57634 07083 47123
21137 09118 18102 72945 12095 85732 14202 53130 75555 61301
63519 18374 52730 64649 75901 65327 46371 90703 15212 66419
91622 83072 18823 10955 73466 63940 39981 10031 61722 80703
66677 12370 46102
737 737 53 53 00000

5463 kHz, 12-09, 1920 UTC

537 121 121 56 56
45644 45646 81348 44564 24779 45455 32468 45313 15879 24566
56631 98763 65460 51212 53489 43179 55678 89731 38979 32465
64878 67894 32156 56489 56489 89789 56313 64987 54897 31189
56478 56789 32188 32489 23458 24878 32485 24589 38932 23458
89731 23122 32456 54231 21553 84763 32488 02121 03213 21022
31034 56450 31545 02458 81230 67312
121 121 56 56 00000

18041 kHz, 17-09, 0500 UTC

952 473 473 55 55 = =
12493 74962 14423 69863 75689 62515 82989 31464 01245 96695
79179 05160 64997 49546 02437 59340 39734 14173 39164 05393
54240 68751 26512 35390 75494 56262 94778 52846 56198 90874
43109 69976 14826 26938 28192 69896 40374 51506 70619 57205
39015 86331 08619 45380 64825 10270 53832 54426 01787 38037
28837 17216 89248 16247 91084
= = 473 473 55 55 00000

18041 kHz, 18-09, 0500 UTC

952 680 680 50 50 = =
63412 42551 36894 27639 30545 86129 70038 48044 98074 11749
40224 20660 25748 53857 73286 17611 63912 87800 38992 27940
33831 75150 96443 78378 00289 70459 46607 89759 22409 19136
40419 11268 93644 01110 15886 99702 06855 99992 62626 35952
05427 02415 37300 95863 06360 57220 78342 17690 06269 49218
= = 680 680 50 50 00000

18041 kHz, 20-09, 0500 UTC

952 846 846 50 50 = =
49351 63652 18355 84328 83956 93126 30266 78212 83109 28067
53494 00170 37896 06604 67142 62979 73522 36282 91533 56219
52699 79752 60395 25949 67798 84301 12296 50575 13969 16173
05943 36363 60392 85612 89249 80998 61878 73568 76494 78658
77968 95994 13628 65030 91759 66683 36191 25701 45610 44574
= = 846 846 50 50 00000

18041 kHz, 21-09, 0500 UTC

952 107 107 55 55 = =
96387 88918 34050 04460 66996 90848 84532 42956 99568 02496
28398 98934 05209 71838 42827 19705 02474 76693 17065 27343
56012 86664 05952 05108 02415 61142 63633 84744 80452 69261
87137 83095 07910 42783 24491 61470 72172 97809 27089 06208
26780 86298 50976 53862 11125 63287 36753 09462 35478 80789
22777 31266 98535 44278 71349
= = 107 107 55 55 00000

16347 kHz, 25-09, 0930 UTC

14878 kHz, 26-09, 0930 UTC

617 958 958 77 77 = =

94050 33976 86900 19778 26460 81682 57295 97174 13194 52353
04731 62630 28800 88516 21017 16530 93539 19380 74635 63102
33744 38382 60734 04746 86177 22111 39620 06053 67117 57484
33383 64084 09603 31828 27162 22658 33513 80061 92191 97485
46712 05908 57732 51080 29264 00615 17747 56530 19761 49454
90346 67259 87715 79464 73355 90172 24326 23274 83375 23571
37768 99602 22315 90016 10441 77761 54488 98304 21607 19698
10422 57805 97121 79432 18862 48184 25350
= = 958 958 77 77 00000

5947 kHz, 25-09, 1820 UTC

346 001 001 51 51

12354 11225 76870 00844 76765 43556 11643 65742 09956 54348
86543 56760 41769 65458 67013 45632 32234 67230 54671 87569
43769 44776 18409 54768 54823 35621 58234 34549 58312 99553
22657 43598 54678 53987 54785 66754 44336 54078 65780 51209
60123 77341 03056 65703 56702 54312 67800 76892 55443 87902
54109
001 001 51 51 00000

5463 kHz, 26-09, 1920 UTC. Null message followed by a message

537 537 537 00000

518 518 86 86

32498 53900 12865 21208 51810 31717 42954 41665 86113 42421
98900 84532 42814 26690 00343 51926 33664 76712 81624 58500
54119 10200 37901 42338 15271 63498 61772 54718 32991 84721
36519 48264 33876 29237 50630 53732 11737 34890 24351 27136
54373 29890 80740 30012 45123 54819 90601 25934 27579 41734
53890 72189 41612 91078 01276 53890 03048 42518 53900 02561
53718 59341 47816 89162 73349 64172 45161 83901 01561 73282
52400 71098 58512 63901 02074 64570 29078 80829 52727 86241
53712 63490 82310 20943 57286 61220
518 518 86 86 00000

18041 kHz, 27-09, 0500 UTC

952 807 807 55 55 = =

30202 06513 35526 08723 94585 44424 26815 82717 96751 38372
22991 49974 35913 03543 70560 70930 28780 71115 38589 31706
84942 58942 40814 98425 97198 16921 31293 39204 70255 64272
59524 43501 36255 60895 95978 93527 30547 79995 63976 67390
26152 74164 38854 78656 50366 52107 00350 82042 31912 08205
49146 99891 52112 72089 23520
= = 807 807 55 55 00000

18041 kHz, 28-09, 0500 UTC

952 293 293 55 = 55 =

18195 61545 36378 68260 77815 09053 71235 80607 87173 80574
85596 01722 66930 88469 61558 18531 08928 52961 80277 12085
69761 88742 48793 60433 28905 14351 40626 10343 91073 82724
42323 78809 37508 56396 23160 70286 55879 75744 70163 20575
03488 93756 55665 03311 83457 75726 29550 59992 38597 87337
53409 39469 92631 19556 18773
= 293 = 293 55 55 00000

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

6911.5 kHz, 07-09, 0804 UTC	=91105??8????? =92245190108067	5789 kHz, 11-09, 0605 UTC	=990905??0?????
8747 kHz, 07-09, 0957 UTC	=99?1258?9????? =99?1259?9?????		=17403160029104
			=27403901080621
6231 kHz, 08-09, 0538 UTC	=990838??0????? =990839??0?????		=990906??0?????
3535.5 kHz, 08-09, 1645 UTC	=991945??0????? =991946??0?????	4601 kHz, 13-09, 1042 UTC	=1937199821542
			=0069391653352
4582 kHz, 11-09, 1453 UTC	=991753??0????? =991754??0?????		=0932190354842
			=09034190899343
3300.5 kHz, 11-09, 1443 UTC	=99?1743?9????? =99?1745?9?????		=0074345852
			=190193642
7092 kHz, 11-09, 0623 UTC			=0070828243
=17403160582222			=0069621243
=18012454534921			=1937190323344
=27403901080621			=0070199818144
=28012901020601			=0932353154
=99209?5??9?????			
=17403160582224			
=18012454534222			

M51 & M51a (FAV22)

Brian reports M51 is back on air using the pre-2005 format with headers. He logged it on 3881 kHz.

M51, 3881 kHz, 11-08, 1615 UTC

NR 47 S 11 18:15:32 2018 =

NR 49 S 11 18:30:5 2018 =

Indeed, M51 is back but only on the two FAV22 frequencies 3881 and 6825 kHz.

6825 kHz, 17-09, 0755 UTC: M51 i.p. followed by M51a

NR 25 S 17 09:57:52 2018 = IIGUS OCNZI EUFTV ... SNESJ GNPTN RVVMN =

NR 26 S 17 10:01:45 2018 = ZOSTY EXWPZ ZKIJS ... EJAXS EZBRZ BLBKJ =

NR 27 S 17 10:07:51 2018 = XTEUK EDEAD TMVDH ... JDDEY IOPDV PXIFE =

NR 28 S 17 10:13:58 2018 = XQECC MOTXR LQOUZ ... FUYSL EZXLE RDEMP =

NR 29 S 17 10:20:15 2018 = SFEED ZCYYN JNMTF ... GGDXU VRF SX BTQJC =

NR 30 S 17 10:26:52 2018 = MAIIZ ZTUVE AJYJF ... LPBPF AOXOJ SITBE =

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

VITESSE ANNONCEES LEGEREMENT SUPERIEURES. LUNDI-LECON 21-1/VITESSE 420 CODÉ =

GDHSJ WNDHE AUJSK QQLAO NBGFV QLMAP JKDUR JSNWK EUIOK HNDTS

IKGCV 37628 AYSGX WBSUJ YHYTG DHSJQ BHDTR FJAIK WNDHC VZIJK

OLHGF 87452 XVSGR SHWUZ 10964 ETDFX CBSHA WJNHE SHGZU ALSGF

LGBCH XNBWH DSJZU AGWCD QKLAU GBXHR SJHAU YHGDV CLQIO AMLJH

YHBGR ZUJXV WNGSU 46381 BWNDU ZKQLA PLAYG BVXCD WNSHR ZJHSK

GBVCG DJSKZ WKQHJ AKLXV WCSGR ZJHSU 65953 BWNSJ AKUJH DGVXT

AR

LUNDI-LECON 21-1/2 VITESSE 420 CLAIR

LA SILHOUETTE SI PARTICULIÈRE DE LA MOTO A ÉTÉ PRÉSERVÉE, BIEN QUE TOUS LES ÉLÉMENTS AIENT ÉTÉ REDESSINÉS. BIEN SUSPENDUE, DOTÉE D'UN FREINAGE PUISSANT ET DOSABLE, POUVANT ÊTRE ACCOMPAGNÉE D'UN ABS, LE MOTEUR TOUJOURS AUSSI EXPRESSIF OFFRE DE LA RONDEUR À MI RÉGIME ET UN JOLI COFFRE PLUS HAUT. QUI SUIS-JE ? LA TRIUMPH SPEED TRIPLE
AR

M51, 3881//6825 kHz, 19-09, 1601 UTC

NR 01 S 19 18:01:33 2018 =
TPEOI TQNNY SSPOR KZENF ZAWTS AANAM ITQUI UNRKC WXDDK BVJOQ
EJSMU NBGNT LZGOY ADZWW GDKUC GAJNR QXCKY PZZTG QHODR UPNNB
DCOUG GDZIE MYFMF TDWKB JBGWE XPORN ROTUA XPORN OELXI LSEGX
KTQHA FJHEW EZQTW MNKNW KAUIE ABPPU XQOVX ILZPQ BQEND QJHIB
IRNPZ FXVLJ LGBYT BWATX QIZSU UEEXM ZOFHP RCMDS QVAMK ACAHC
AECQC VEKXO WVFML RAXZV AMUSV YZIBI ZUZLE GTPMG RJCDE HILZO
CYDGC KPKNS JSSAH TIZWR WPYPA LDLEW NKHWF YTYXB EKYMJ KHMXT
OHAWM QQZTF LVIQB QMNAC HOQXE AVEDN RDXAA BSJJE ZVLYA PJMET
DEFXF ENBAF SCUUK BIVXA GBGEP KWLWV YLMFT NQGWS VCYWK BAESC
CDWUG XJCAL KHSID WWHGJ IYHBC XXUPR IYCVH ZOJHP IKSOT KDNFI =

M51, 3881//6825 kHz, 19-09, 1716 UTC

NR 13 S 19 19:16:22 2018 =
OUKBO ZWZLD DDZNI EJNQU TXQGU UXQKH SMWKG AMXBD PNDJG XIYSV
BOMFM FNEMP EULDO VSFPS PHXUR MTMQJ GNWOB AAHIO CJPDR WMRSZ
VEBZY QUNLW BMVOL PBQNZ TAEU JCSMQ QCLDL PEKFB OUDHI PVXON
MPHFX SIASP NENSI RVJCF NUQCE IRAXO GHMKW OFBJR UKLMB YYEIM
JQBOC FMXUS JAHSN MNZAR OTXWH VTADH WDNBY RNAVJ RJRMW SCZJF
GELFU QBEGA LGHGE NCGPF EKIGZ NTJUU ORVRY JRHSD IDWNH UAGEJ
CCELV HJCDZ OUHBP CDZWH JZTPX VMOTQ RKZAB HFNOP UWRUT FLTNN
CGCCZ XQGSR CPVEH UZTQX EVVPP LFLZF MJHSZ EQDQV EOUHR WROPP
EQOYG YEJEQ RJWTS QGHHQ BYEAP LADFU GLAWV ODSKA BKQOC XIVBM
YFOYN DKNMA QKQVJ VWSWY SVGAY NBNIG PGKBI NGAZZ JXBJQ FMJLU =

M51, 3881//6825 kHz, 26-09, 1426 UTC

NR 78 S 26 16:26:49 2018 =
LTPSV IILJD TDEJP IBQPK GLYKH AZEUL GGXKP ZYHXU FGS00 UCWJG
XWEWS ZCFHP HYVMQ HITTG XLBNF CFLPW TZDCU EZEHN VSVAV MIQYL
SHDFZ MEKXB IWZBO RZMHT FFZSE XWCCG UREKY VQFMH IIBHT QNKQV
ZIQEH CYVGY MMIMN VMSZH HYFAD NHIPK MJWJU SNRVB YNKFE AVQLE
LVYTZ XDBFG LZDIO NHTMN GWNYD WCXGB GETNU NFVDF NDZWD VHFBR
FYPQF HMHBV UHYNE NNDDP WLSBE YZDYZ PMXRG SAFMA DYIOG AIOVY
CDLVO WGMZN AGRQX NJNLI UAOPR EMMFX RMFIV IITMZ LGSIO ERTBK
TZHUU KPLRO HHCOP DPRSN KENRX FVPWV KXVFJ LIIRR OAICJ JENYJ
SMPEI DCTNA IMHMF ZTNYO MHJPQ DUGWL SQVNX IUBKN DBZVO QCXQD
MPKQF TUTZX LAMQY ZGFWU RYMVX CYYJL PZZEW FQUXX PHQHK DIUTV =

M51, 3881//6825 kHz, 26-09, 1432 UTC

NR 79 S 26 16:32:59 2018 =
HWKDU ZMZDZ MWQFQ JAKYS LZMQA HITRK RGVRR CUUAH RIQDC NUNCU
EKFZR NDGTY AVMBA UHMMZ EFASQ CVEXF EWWLN LISIH UWYMR YLTRW
JTSGN TAHYY SIDEH GBISH UOHNH NBYND YMJYL BLDVC EEYCY IKAWF
KRIIT PKKMJ ONWKS XMSAR YRKPQ YIXUR MGYLM VFQZI AWUOV NCLBL
IBUWE RWPQA RYTZE PMJMA EWVGJ XXLQA MVHDL LFHXC ODYKA QZIHG
ATLEH SIHVP WMIUX SRWUV GSMDE JZWOC SVXTV AYSRL ZDRIF KYSYL
OILBF KNVTX CSOMW ROOLY ECJCI OACCY HDOFG YBSXS VMZFM QHXMP
QJSBR EQQTP ZKKVF NPPFW VSEXW ZBSHT RKLJW EHYRQ NVEAT CKVNV
VSLDD ZLOTE ODSUC KGHES AERCA TIJKE GZXCX IKAQY YNLXQ CUKIG
AOOHQ XYRVU WGDLL YUEDY IGYIZ OSHBM OADKS RADDV QIWET AFFDM =

M51, 3881//6825 kHz, 26-09, 1439 UTC

NR 80 S 26 16:39:07 2018 =
XEWYY EWLUR NZEON XEMQV UHTSW PTFAV MVROO UBPLT AGWRJ UTMDL
JKXEW LUTZY NUGNU RXVGG RHANB MIMDK ETINM PFUXK MGGDO SALPJ
MUGVU LESAQ PQFFT DKTXX YVJNR XEGOL LYPYM UROLV JFUYR BAMKW
LPZTY MFGNV ZSJLG KHKOZ GRFVX ZJFTA FEGNO PRBDF RXHWP BCYIT
QHEIH NWALZ OPJXE BPFNG PAKTV AIFSH WQMPW GINGF NFKHJ LWMJZ
JISUC JMVBP OIVQF PGZPZ HMLPG KQBOS RVAHN UTOKM KEXXV CENHO
WDWNC NIQMC FNQGH OWGEX FRBHC WCGHZ DDIGM VUZXW CAJMT FLKPL
QTZSA MGDNY TJEGI QIPZV NHQEH YAGVO LREHB IHOMR RYFJX RZPHY
GPUJC CVYUK BWSHM KIWCR SKUTT JWMKN WPQKO XKGNK UGVOV QXWZD
WFWJS QWFZA OTFGP VTYKD PEGYA DJEKC TOCWS QZQJG CXJTC FYINT =

M89 - Chinese military

7527 kHz, 02-09, 0745 UTC, i.p.

3DA4 65TD U3N4 D6A4 3UA4 N47T ...

III = 5U4N 3UT4 45UD (Cont'd)

III = 53U4 467U D53A (Cont'd)

8120 kHz, 02-09, 0800 , i.p.

QAKJ DE R6GC K K

R R IEC = 5N3C AR K

R R AS AS

HR CQ PSE CY HR CQ PSE EEEEE

HR CQ PSE CY

MSG NR 829 CK 30 05 0902 1602 =

MSG NR 829 CK 30 05 0902 1602 = RMKS CQ =

574A AT6D 46AT 7A34 TDA6 A43D 7NDT 3TA6 U764 (Cont'd) AR

V VMX5 K

RR QSL ?

R R SK SK

V C6YN K

R R QSL ? K

RR SK SK

V 5GTM K K

QSL ? K

R R SK SK

V QAK1 K

R R QSL ? K

R R 7W = = 7NDT AR K

R 18W = D3AU AR K

RPT

R R SK SK

3155 kHz, 04-09, 1652 UTC, i.p.

DT3T TN5U 6DD5 DTU7 5UT7 AR K

R 16W = NN5N NN5N AR K

RPT K

R 06W = TUTA TUTA AR K K

R 31W = 47TT 47TT AR K

R R 56W = 7NUN 7NUN AR K (Cont'd)

R SK

3247 kHz, 04-09, 1709 UTC, i.p.

QSA NWK NR 608 608 K

R QSW 2 EEEEE HR NH HR WK NR 111 111

OK ..9 K

QSA 2 HR WK NR 304 304 K

R R QSA 2 HR WK NR 008 008

OK DE NZ3V

QSA 2 NWK NR 30 NR 30

N HR WK NR 30 30 (Appears to be outstations)

OK

5359 kHz, 04-09, 0914 UTC, i.p.

N3AA N3AA AT3D AT3D K

25W = AT3D AT3D K

41W = U5TD U5TD K

RPT K

GA K

U MSG GA K

R GA K

R R APT 79 K EEEE R APT 79W K
R HR WK NR 676 K
SK SK SK

4001//4783 kHz, 06-09, 1507 UTC, i.p.

RMKS 44545 44444 NR 04 N3
NR 0493 CK 13
= ANUD 3UD7 (Cont'd)
R NR 0493 CK 139 64 0907 0710
NR 0493 CK 139 64 0907 0710 RMKS 967M 689 TO N 9689888
= ANUD 3UD7 44 =
= ANUD 3UD7 465T 5TAN T467 (Cont'd)
NR 0493 CK 139
R NR NR NR 0493 0493 CK 1 CK 1
R NR 0493 CK 139 64 LLLLL =
ANUD 3UD7 4N (Cont'd)

3247 kHz, 09-09, 1715 UTC, i.p.

DE IZS4
R QSL 0115 0115
R NIL SK
R GB
ROK QSL QSL 0118 0118 K
R NIL SK
GB (Appears to be outstations.. Net Control station on another frequency)
VVV Y7BI DE KN3V K
R QSL 0117 0117
NIL SK
GB
QSL 0119 0119 K
NIL SK
GB
OK QSL 0118 0118 K
NIL SK
GB
KK QSL 0118 0118 K
R NIL SK
GB
NOK QS
NR
L QSL 011. 011. K
R NIL SK
GB
R QSL 0121 0121 K
NIL SK
FGB
N QSL 0122 0122 K
NIL SK
GB
R OK QSL QSL 0120 0120 K
NIL SK
GB

3647 kHz, 09-09, 2034 UTC, i.p.

R RPT 11W K
R RPT 35W TO 36W K (Cont'd to ask for repeats)
R QSL 0436 K
R MSG NR 13 CK 9 AR 3 AR 0910 EEEEE
MSG NR 13 CK 91 32 0910 0437 RMKS 0228 TO 0229 K
01W =
37D4 7U54 A3DN 735T U54T NNNN 357T 4A3D TTTA TTN4 57NT (Cont'd) AR K

R 4 EEEE 04W 735T 735T K
R RPT K
R 31W TO 32W A4DN A7U7 A4DN A7U7 K
R 31W TO 32W U4DN A7U7 U4DN A7U7 K
R 33W AT73 AT73 K
R 44W 44T3 44T3 K
R 28W D655 D655 K
R SK

7878 kHz, 10-09, 1225 UTC, i.p.

7G NR 6803 CK 200 80 0910 1400 RMKS
MSG NR = A
7G NR 6803 CK 200 80 0 EEEEE5 =
5N34 . =
7G NR DE 6803 CK 200 80 0910 1400 RMKS 9224 TO ..408 K

5155 kHz, 11-09, 1350 UTC, i.p.

763U 3TTT 57N3 67U7 ...
AR
K K R RAR R R R R TTTT
TO UMMMM M = =
37.5 D57D 7N3T (Cont'd)
= X///MM FM MM/////

ETX (1356z)
M3 E A FM 8III 374 E E E
E E EEEEE
A EEEEE AR A .5 FE 33 65 DDE E 65 E 65NE 65 D D 65 D DD DD U AR 65 DE NE DDD3FM EEEEE FM8SII 374 FM8, 374 V
E T .8 M8JF M8JF KIS. S
M8JF T FM M8JF T M8JF M8JF M8JF M8JF
I5 E ITTI E A FM 8III 3GE A M8JF M8JF V
E A M8JF RIS9 V
M8JF (x3) DE RI A
M8JF RIS9 V
M8JF T
TATA TA AATT E
D3D D3 E AR AR E AR E 1E = AR 6EE AR E AR LE 65 E 65 E E E FM DIII 374 TA7 ? 9 E
E E E A FM8III 374 A M8JF RIS9 V
M8JF (x2) M8JF RIS9 V
M8JF (x2) M8JF RIS9
TE A FM8III 374 TA7EE E A M8JF RIS9 V
M8JF M8JF M8JF DE RIS9 RIS9 V (Cont'd)

5345 kHz, 11-09, 0015 UTC, i.p.

R HR WK NR 1925 K K
R HR WK NR ISKK 209 K K
NR
SK
VA VA
VVV XQ4K DE .I.. R K
VVV XQ4K DE QIC. R K (0016z)
PSE . U CGSR QSA ?
HR CG U QSA 1 (Other station also on this frequency, but mostly U/R)
PSE ASK U WK NR IE ? PSE AS
PSE ASK U WK NR ?
HR WK NR ISK K 209 K K
SK SK

4123 kHz, 19-09, 1924 UTC, i.p.

HR F GA K
HR F GA
R F NR 7093/EX 0224 RMKS CQ K

F = =
H2LY/HO.. =
H2L3.HO.. AR =
H2LY/HOXM AR K
R HR MSG GA K
R R MSG NR 7094 CK 200 80 0920 0 EEEE
NR 7094 CK 200 80 0920 0300 RMKS CQ K
R 1P = = 4T67 ANU6 5NT7 A4T3 .N37 T.74U N3DA 6U5T 5D6. (Cont'd)

3556 kHz, 20-09, 0613 UTC, i.p.

RWI4 DE XP3W
NR 1349/EX 0043 RMKS CQ =
I7S3/H0TH AR (Message sent 3 times)
W4YF K
R
VVV S1AR K
R
VVV YK7X K. VVV YK7X K
R
VVV 2GUC K. VVV 2GUC K
VVV F6CE K
R
VVV GM3W K
IEC = UTPL AR K. IEC = UTPL AR K. IEC = UTPAI EEEE IEC = UTPL AR K
WK NR K
R
VVV IOS3 K
R
VVV RWI4 RWI4 DE XP3W MSG GA CY
NR 134 EEEEE NR 1350 CK 61 46 0921 0030 EEEEE NR 1350 CK 61 46 0921 0030 RMKS CQ =
45DA 5D47 564N 64TA DU7U T4N3 64TU 65T4 3N5T 6U7A N3D4 (Cont'd) AR
VVV W4YF K
R
VVV S1AR K
R
VVV YK7X K
RPT K
R
VVV 2GUC K. VVV 2GUC K
VVV F6CE K
R
VVV GM3W K
R
VVV IOS3 K
R
HR WK NR 60562921 SK SK

3812 kHz, 20-09, 2013 UTC, i.p.

NU54 NUU4 N7NU N5DA N75U 6DA7 (Cont'd) AR K
R RPT 91W = ADAU ADAU AR K
R RPT 82W = NUU4 NUU4 AR K
R RPT 87W = 44UA 44UA AR K
R 2P O1W = 3A57 646N 55A6 (Cont'd)

3036 kHz, 21-09, 1602 UTC, i.p.

FEN3
FF NR 1343/EX 0003 =
R2C1/A5F7 AR
NR 1343/EX 0003 =
R2C1/A5F7 AR
NR 1343/EX 0003 =

R2C1/A5F7 AR
QSY 2 QSY 2 VVV

3436 kHz, 21-09, 1607 UTC, i.p.

Q0G4/K9M2 AR
NR 1339/EX 0006 =
Q0K EEEE
NR 1339/E 0006 =
Q0G4/K9M2 AR
QSY 03 QSY 03 VVV

3556 kHz, 21-09, 1633 UTC, i.p.

IEC = AQWV AR K
WK K
WK NR K
N EEEEE R VVV
YK7X YK7X DE M2QX K
QSA 2 K
IEC = UTPL 9 K EEEEE
IEC = UTPL AR K
WK NR K
R
VVV 2GUC WGUC DE M2QX K
QSA 2 K
IEC = UTSM AR K
WK NR K
RPT K
R
VVV F6CE F6CE DE M2QX K
QSA 2 K
IEC = ADMQ AR K
WK NR K
R
VVV GM3W GM3W DE M2QX K
QSA 2 K
IEC = ADWY AR K
RPT K
IEC = ADWY AR K
WK NR K
R
VVV IOS3 IOS3 DE M2QX K
QSA 2 K
IEC = DNXE AR K
WK NR K
R
VVV RWI4 RWI4 XP3W EEEEE (Changed callsign from M2QX to XP3W)
VVV RWI4 RWI4 DE XP3W F GA CY
NR 1479/E 0042 =
NR 1479/EX 0042 RMKS 42 EEEE
NR 1479/EX 0042 RMKS CQ =
B7L3/C0K5 AR
NR 1479/EX 0042 RMKS CQ =
B7L3/C0K5 AR
NR 1479/EX 0042 RMKS CQ =
B7L3/C0K5 AR
VVV W4YF K
R
VVV S1AR K
R
VVV YK7X K
R

VVV 2GUC K
VVV 2GUC K
R
VVV F6CE K
R
VVV GM3W K
R
VVV IOS3 K
VVV IOS3 K
R
VVV RWI4 RWI4 DE XP3W MSG GA CY
NR 1480 CK 61 46 0922 0030 RMKS CQ =
47T6 3DA7 5N4D N7U3 A3T5 N4UA 46TU D5T4 6N7U 73U6 (Cont'd) AR
VVV W4YF K
R
VVV S1AR K
R
VVV YK7X K
R
VVV 2GUC K
R
VVV F6CE K
R
VVV GM3W K
R
VVV IOS3 K
R
HR WK NR 702 EEEE
HR WK NR 70312921 KP
SK SK (1700z)
VVV GM3W GM3W DE M2QX K
QSA 2 K
IEC = ADWY AR K
IEC = ADWY AR K
HR WK NR 70312921 K
R MSG CY K
100 RMKS 7031292 TO 7031290 = (Missed 1st part due to loosing tuner)
4A5D 7A5N 54UD A4UD AU34 5UA4 DUNA DN54 (Cont'd) AR K
RPT K
R GA K

3786 kHz, 21-09, 1625 UTC, i.p.

FFF NR 1477/EX 0024 =
X0P5/Y4O9 AR
NR 1477/EX 0024 =
X0P5/Y4O0 AR
NR 1477/EX 0024 =
X0P5/Y4O9 AR QSY 4 QSY 4 VVV

3211 kHz, 22-09, 1238 UTC, i.p.

GK7O GK7O GK7O DE UPR2 UP2R
FFF NR 1459/EX 2038 = RMSK CQ =
A.32/6 QT. AR
NR 1459/EX 20380 EEEEE RMKS CQ =
ZMU EEEE =
A3V2/6HQ7 AR
NR 1459/EX 2038 RMKS CQ =
A13V2/6HQ7 AR Y FCVY F K
RPT
RPT K
CUFCV EEEE IEC YFK (Horrible morse operator!!!)

RM EEEE IEC 1 AR K
AS
TU KOA EEEE IEK GITU K
AS
2FUC 2FUC K
AS
GBIC EGTEICI K
G6AC E K
AS
GKG7O GK7O GK7O DE UP2R UP2R
YR WK ON 4 EEEE 7U EEEEE HR MSG GA
NR 1460. 6145 0 922 2030 RMKS CY EEEEE RMKS CQ =
4AT7 4UTD 6.... (Cont'd) AR
C4YF C4YF K
R WK NR ? K
AS
D1AR D1AR K
R WK NR ? K
AS
EK7X EK7X K
R WK NR ? K
AS
2FUC 2FUC K
R WK NR ? K
AS
G6CE G6CE K
R WK NR ? K
AS
HR WK NR 80588325 WK NR 80588325 K
KP KP

4272 kHz, 22-09, 1141 UTC, i.p.

VV BNMB DE BGE5 K
R DE RR BY QSA 1 K
R R QSA 2 NIL SK
R OK NIL SK PSE

4272 kHz, 22-09, 1217 UTC, i.p.

UA34 756A DTUN 345D NT6A 37U4 ...
AR K (Possibly BNMB DE BGE5 - See previous 4272kHz 1141z logging)
RPT ... 64W K (Other station also on this frequency)
R RPT 64W = .T7N AR
RPT 88W TO 89W K
R RPT 88 TO 89W = NT3. .D64 AR K (Cont'd to repeat groups)
R QSL 2... K
R R HR WK NR EEEEE R R HR WK NR 32 EEEEE
R R HR WK NR 324 MSG GA K
HR R HR 7G .. PSE CY K
R R GA K
7G GA =
NR 33. C 9 .0021 2005 K =
7953 ...7.. RMKS 7953 TO 7569 TO ... K
R R GA K
AR
R R QSL 03 2034
R R QSL 03 2034 HR WK NR 3.4 K
R R OK ...
R R QSL 03 E 2034 HR WK NR 324 K
R HR WK NR 56. K
R R NIL SK
R .. NIL SK SK

4608 kHz, 22-09, 1200 UTC, i.p.

/EX 2000 =
3G46/F4YH AR K
R 01W 3G4B 3G4B K
R 02W F4YH F4YH K
R HR F GA K
FFF NR 3281/EX 803 =
W2B3/N.M8 AR
FFF NR 381/EX 80 AR =
W. AR /NAM3 EEEEE
FFF NR 3281/EX 803 EEEEEEE
FFF 3281/EX 803 EEEEEEE
FFF NR 38 AR EEEEE
FFF NR 3281/EX .013 K EEEEE
FFF NR 3281/EX 2003 =
W2B3/N..8 AR
FFF NR 3281/EX 2003 =
W28 EEEEE
FFF NR 381/E 2003 =
83 EEEEE EEEE
FFF NR 3281/EX 2003 =
W2B3/NAW8 AR K
R 01W W2B3
01W W2B3 W2B3
R HR MSG GA K
R MSG NR 803 ? EEEEE
FM EEEEEEE
MSG NR 1003 CK 191 32 0922 81 AR EEEEEEE
MSG NR 803 CK 1 FM CK 1.1 EEEEEEE
MSG NR 1003 CK .1 EEEEE
MSG NR 1003 CK 191 32 0922 2011 RMKS 0229 TO 0328 K
R 01W =
TUN3 U64A T6NA (Cont'd)

3578 kHz, 29-09, 1653 UTC, i.p.

CQ (x3) DE WNT
FF NR 0651/EX 0105 =
HJE AR QSL ? K
QSL = = QSL .. K (2ND station on this frequency)
UTFZ K
0108 R M QSL DE GTYB .
O18
R DE
R QSL DE B.. IE ?
0108
R
QSL
DE BZQPL K
DG8 0108 K
R
HR 7G GA K
MSG = NR 0652 CK 80 24 0930 0100 RMKS CQ III
GA (Sending letter O for zero)
R 7G 1P =
AD7N N673 UTD4 AN7U UDNA 5T74 UT63 347A 5ATD A65D (Cont'd)
AR QSL ?
DE LVWK
DE UVTM K
DG.. 15 K
0115 QSL

DE ..YZ
0115
R
QSL DE
QSL DE DE UTFZ K
DG 0115 C
BBYHI M. ?
QSL
0115
R
QSL
QSL ?
QSL
CQ .. B1A

M90

4852 kHz, 27-09, 0722 UTC

PBFG with 8 outstations (CQXJ, XVSQ, W2TX, SVNX, MXV5, PJP6, SFL7, E5DJ)

Collective Callsign : HR3H

Comms checks : only calling and R K

Messages: announcement messages: "ZBO K" - Preamble : « - R – 1000B (Time UTC+2) - ZEU GR10 or GR20»Text : only 5 letters (no cyrillic letters)

Flash messages: KNIHA 967, APOLO 530)

M95

6666 kHz, 02-09, 0824 UTC, i.p.

VVV CQ (x2) DE 3SY (x3)

MSG 7G HR MSG GA PSE CY =

NR 017/CCK CK 99 24 0902 1810 RMKS 7486 TO 7485 4 EEEEE =

4UTU UN4D 3UTA 7354 NUT5 3U4D 3DAN 73A6 TUND TT34 7ATD (Cont'd) AR

4243//9054 kHz, 06-09, 1151 UTC, i.p.

HR MSG GA

NR 076 CK 18 35 0906 1618 =

UT5 TT6 3U6 3A4 TTA TTU TT3 773 353 N3D

35U 4A5 447 46D 4D6 3D4 N3D 3DA AR

MSG AGN

NR 076 CK 18 35 0906 1618 = (Repeats message) AR

NR 12 CK 142 35 0906 1630 =

UTU TT6 3U6 3A4 TTU N44 TT3 773 354 N35 (Cont'd) AR

MSG AGN

NR 12 CK 142 35 0906 1630 = (Repeats message) AR

A HR UP SB WK

5348 kHz, 07-09, 0750 UTC, i.p.

MSG PSE CY

MSG NR NR 262/CCK CK 199 9

MSG NR 262/CCK CK 199 90 0907 1300 RMKS =

75 EEE RMKS 7595 TO 7585 /7065/7685/7885/2957/7575/7004/7005/7535/..5 7.. (Fading)

R HR MSG 01P GA

= = ..3U4T D7UA 4D6. (Cont'd)

HR MSG 02P MG = = = UA7T 54AN TU ? TU4D 35TN (Cont'd) AR K

HR R EEEE HR WK NR 119 119 K

R ... R GB

5834 kHz, 07-09, 1318 UTC, i.p.

UAT6 U7TA A4TN 4673 N374 5UA7 ... AR K
III R U IIII U 7G III U K III U MSG GA K
RPT K
RPT RPT K
GA
QSL 2124 K
III QSL 2124 K
OK USB WK K

5457 kHz, 11-09, 0004 UTC, i.p.

U375 DUN3 T6A4 A45U 367D ... AR
R XLULU AU AU AU AU XAU 50 05 AS
AU AU AU AU BK
= QBCA RARURR QBCR THXA K K
NNTT
C C C C GEHTFA3PWR TXS.YPU.C.F DF.E BEM. QXBP QCWU
NR CMFSCTUR FITV AQFG DUW.QXU.WURD AY.TFYW. BDFZ DURPBI
R ? URCE B.YCUAYVPHFPTQQDSUYVQBWPDXD QD..(Cont'd)
.WF Q XUEW URDU (Cont'd)

4364//8073 kHz, M922-09, 1137 UTC

V BNGC (x3) DE XSV85 (x2)
HR 7G GA PSE CY
NR 0855 CK 198 35 0922 1543 =
TUU 3U6 3AN 3U7 TAU 773 TA7 773 356 4T3 (Cont'd)

7553//9153 kHz, 25-09, 0927 UTC, i.p.

37U 4T3 447 46D 4D6 (Cont'd)
III 3AN 354 373 4T3 44D 46N (Cont'd)
7G AGN
NR 916 CK 140 35 0925 1517
.N UT3 45. 3.. TT4 773 3AD 354 (Cont'd)
A HR MSG GA
NR 917 CK 55 51 0925 1600
... 5 6T5 6T6 TAD N5A (Cont'd)
7G AGN
NR 917 CK 55 51 0925 1600
N65 N65 6T5 6T6 TAD N.A 6TA TU4 N65 (Cont'd)
A HR MSG GA
NR 914 CK 55 51 0925 1000
N65 N65 6T5 6T6 TAD N5A (Cont'd)
7G AGN
NR 914 CK 55 51 0925 1000
N65 N65 6T5 6T6 TAD N5A 6TA (Cont'd)
A HR MSG GA
NR 913 CK 79 35 0925 0715
TUN UT4 TU5 3U4 3A4 TT4 773 353 4T3 446 4D6 (Cont'd)
7G AGN
NR 913 CK 79 35 0925 0715
TUN UT3 TU5 3U4 3A4 TT4 773 353 4T3 446 4D6 3DU TT5 TT6 773 353 (Cont'd)
ZNN SK

4243 kHz, 30-09, 1150 UTC

VV HR 7G TO YR PSE CY
NR (Garbled - unable to copy)
= 5AA UTT T3T 3U6 3A4 TTU TT3 773 353 (Cont'd) AR
MSG AGN
NR 002 CK 29 35 0930 1536 =
5AA UTT T3T 3U6 3A4 TTU TT3 773 353 U4T
354 373 4TA 447 46D 3D4 4DT 4D6 TT4 773

35A U4T 353 4T. 447 46D 3D4 4DT 4D6 AR
R PT M3 EEEEE A HR MSG AGN
EEEE R EEEEE A HR MSG GA
NR 60 CK 173 35 0930 1625 =
UTU T3T 3U6 3A4 7TU 7TA 7T7 73U 7UT TTU 773 (Cont'd) AR
MSG AGN
NR 60 CK 173 35 0930 1625 =
UTU T3T 3U6 3A4 7TU 7TA 7T7 73U 7UT TTU 773 (Cont'd) AR
A HR MSG GA
NR 050 CK 27 35 0930 1651 =
UT5 T3T 3U6 3A4 TTA TTU TT3 773 353 U4T
354 336 37U 33U N3D 35U 4UT 446 467 33U
33N 44D 46N 4D6 3DU N3D 3D5 AR
MSG AGN
NR 050 CK 27 35 0930 1651 = (Repeats message) AR
A HR MSG GA
NR 051 CK 17 35 0930 1652 =
UT5 T3T 3U6 7TA TTA TTU TT3 773 4UT 446
467 33U 33N DND N34 44D 46N AR
MSG AGN
NR 051 CK 17 35 0930 1652 BT (Repeats message) AR
A HR SB UP WK (Switched to voice V26)

4364//8073 kHz, 30-09, 1140 UTC

V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0871 CK 29. 35 0930 1536 = =
3U6 3AT 3U7 TAU 773 (Cont'd)

DIGITAL MODES

HM01 - Dirección General de Inteligencia

It seems that HM01 finally adjusted their clocks. The transmissions now all start at the hour instead of hour+56 minutes.

HM01 RDFT file log by MDK2

Date:	Numbers:	File name or repeat:	Freq	UTC
01/09/2018	52015	76075201.txt *	11435	1600
	33504	86283350.txt		
	74741	37267474.txt *		
	42576	07134257.txt *		
	58772	27835877.txt *		
	02452	73860245.txt *		

* REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES. HM01 has been repeating its transmission every day since that date.

02/09/2018	52015	repeat	11435	1600
	33504	repeat		
	74741	repeat		
	42576	repeat		
	58772	repeat		
	02452	repeat		

REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES.

03/09/2018 52015 repeat 11435 1600
33504 repeat
74741 repeat
42576 repeat
58772 repeat
02452 repeat

REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES.

04/09/2018 52015 repeat 16180 2100
33504 repeat
74741 repeat
42576 repeat
58772 repeat
02452 repeat

REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES.

05/09/2018 52015 repeat 11435 1600
33504 repeat
74741 repeat
42576 repeat
58772 repeat
02452 repeat

REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES.

06/09/2018 52015 repeat 11435 1600
33504 repeat
74741 repeat
42576 repeat
58772 repeat
02452 repeat

REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES.

07/09/2018 52015 repeat 11435 1600
33504 repeat
74741 repeat
42576 repeat
58772 repeat
02452 repeat

REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES.

08/09/201 52015 repeat 11435 1600
33504 repeat
74741 repeat
42576 repeat
58772 repeat
02452 repeat

REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES.

09/09/2018 52015 repeat 11435 1600
33504 repeat
74741 repeat
42576 repeat
58772 repeat
02452 repeat

REPEAT OF AUGUST 24's NUMBER SETS AND RDFT FILES.

10/09/2018 76813 36137681.txt 11435 1600
48131 34054813.txt
74746 repeat
34442 14653444.txt
58778 repeat
18481 50441848.f1c 11530 1700 **

Finally advancing from August 24's numbers, but apparently by just five days given that there are still two old number groups whose final digit are +5 from what they were before.

**Signal on 11435 was up and down today and I wasn't able to get the last new file well enough at any time. Also, the signal cut out at 1649, just as they were about to send that last file for the last time that hour. This file was finally received during the 1700 broadcast.

11/09/2018 76813 repeat 17480 2200
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

12/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

13/09/2018 76813 repeat 17480 2200
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES. Also, M08a was being transmitted simultaneously in AM at this time and frequency. Here's a video of one minute of it: <https://youtu.be/67gqShimExs>

14/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

15/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

16/09/2018 76813 repeat 10715 2200
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

17/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

18/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

19/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

20/09/2018 76813 repeat 16180 2100
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

21/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

22/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

23/09/2018 76813 repeat 11530 1700
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

24/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES. Two full weeks of this now.

25/09/2018 76813 repeat 11635 2100
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

26/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

27/09/2018 76813 repeat 16180 2100
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

28/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

29/09/2018 76813 repeat 10860 0500 (30 SEP)
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

30/09/2018 76813 repeat 11435 1600
48131 repeat
74746 repeat
34442 repeat
58778 repeat
18481 repeat

REPEATING SEPTEMBER 10's NUMBERS AND FILES.

HM01 RDFT file reference

All September RDFT files have been logged, all copies of received files are online and may be viewed or downloaded here:

<https://www.dropbox.com/sh/wglgbw00jq1oqsu/AACWZqh7EiTM4vwGpDIV7IVra?dl=0>

ONLY FOUR NEW FILES SENT IN SEPTEMBER 2018.

Sort by file name

File Name	Number group	Date first transmitted
07134257.txt	4257#	15/08/2018 *
14653444.txt	3444#	10/09/2018
27835877.txt	5877#	23/08/2018 *
34054813.txt	4813#	10/09/2018
36137681.txt	7681#	10/09/2018
37267474.txt	7474#	24/08/2018 *
50441848.f1c	1848#	10/09/2018
73860245.txt	0245#	23/08/2018 *
76075201.txt	5201#	15/08/2018 *
86283350.txt	3350#	23/08/2018 *

Sort by Date

Date	File name or repeat	Numbers
15/08/2018	76075201.txt	5201# *
15/08/2018	07134257.txt	4257# *
23/08/2018	86283350.txt	3350# *
23/08/2018	27835877.txt	5877# *
23/08/2018	73860245.txt	0245# *
24/08/2018	37267474.txt	7474# *
10/09/2018	36137681.txt	7681#
10/09/2018	34054813.txt	4831#
10/09/2018	14653444.txt	3444#
10/09/2018	50441848.f1c	1848#

Sort by number group

Number group:	file name:	Date:
0245#	73860245.txt	23/08/2018 *
1848#	50441848.f1c	10/09/2018
3350#	86283350.txt	23/08/2018 *
3444#	14653444.txt	10/09/2018
4257#	07134257.txt	15/08/2018 *
4831#	34054813.txt	10/09/2018
5201#	76075201.txt	15/08/2018 *
5877#	27835877.txt	23/08/2018 *
7474#	37267474.txt	24/08/2018 *
7681#	36137681.txt	10/09/2018

* these files were first transmitted in August 2018 and continued to be transmitted into September. Please see Numbers & Oddities # 251 for information regarding their initial transmission and a link to the August 2018 files.

F01, F06, F06a, M42, M42a, M42b & X06

Russian Government & Intelligence



Lots of Russian intel activity in September. Read Appendix II and all the transcripts in the various sections. The Priyom team has collected the lot.

In Appendix I you can read how to convert F06a ASCII messages to normal text.

M42 – various modes

12162	1-9	0831	Russian diplo/intel i.p. Ends at 0832 UTC	MFSK-66
11438	3-9	1530	MFA Moscow working Embassy Paris (QSX 10167 kHz)	MFSK-66
14360	4-9	0702	Russian diplo/intel i.p.	MFSK-66
15878	12-9	1100	Russian diplo/intel. Three callup burtst. No answer	3000Bd callup bursts
18660	12-9	1100	Russian diplo/intel. Three callup bursts, followed by traffic in MFSK-66	3000Bd callup bursts
16348	25-9	1115	Russian diplo/intel i.p	MFSK-66

M42b – FSK 50/500

7514	7-9	0651	NCS wkg outstation. Traffic in FSK, opchat in Morse: QRU NIL SK
5328	8-9	0621	WL4I wkgBFRW. Traffic in FSK, opchat in Morse
4958	8-9	1446	UOGW wkg PRIL QSY 89828 K
4498	8-9	1455	UOGW wkg PRIL QSY 52319 K QSA NO SK
5339	13-9	0912	ODJ2 wkg NRPH: NO QSY 73968

13467/11084/9052 kHz, 05-09, 1840/1850/1900 UTC

Null message:)576 100000+++++++162

9239/6904/5087 kHz, 04-09/05-09, 1900/1910/1920 UTC. Former regular schedule

Serial #11, 168 groups

08768 64609 56522 39188 06281 66778 72201 98162 71958 33179
 18844 82810 02087 12711 84528 94236 45199 98340 90854 59687
 91969 75746 38364 14154 22898 87002 20509 92694 93895 06426
 35284 73778 80096 15643 23779 71808 75789 58767 62663 30643
 33749 00043 29243 07904 02274 70703 71194 05115 78552 55308
 45079 44985 87031 33292 59375 82777 83999 60760 63750 98702
 91641 90264 61227 95052 92479 38536 41582 92314 92862 62247
 46340 58741 69565 94349 09447 37791 36828 24009 72197 37708
 16199 54769 94914 06784 82834 26152 60432 88529 28572 54434
 68582 22340 28049 16262 84561 15469 96043 43296 95807 82765
 45867 16979 33563 38014 73702 77064 41953 59560 13641 48803
 99132 98530 85694 16564 13224 89840 60625 99552 40477 90198
 85888 76603 21208 14082 85873 24138 30606 59568 32924 30803
 91875 99581 93509 90980 06389 39325 44093 89956 23061 06277
 59964 71500 31741 14386 65575 06948 45043 98979 63399 59973
 26295 60454 95287 63455 17133 88246 10311 67803 88754 79471
 30854 97683 12505 73224 81372 93100 39295 43625 11168 00000

5803/7803/9937 kHz, 04-09/05-09, 1945/1955/2005 UTC

Serial #11, 196 groups

75651 29025 92312 48051 58721 15593 98890 08192 37815 82297
 36526 68596 32927 93937 23504 64006 67122 09427 84676 93732
 85392 43792 82692 47588 25810 91380 54044 89592 09628 42390
 08846 84164 17816 36519 06729 25160 12474 69780 94573 72023
 07594 13517 94570 80611 63102 62423 26272 19742 60564 68388
 50048 57005 08901 07850 27613 56590 08268 42403 46324 46918
 52681 31806 08792 42832 11903 99657 64540 15572 02342 48456
 02676 62830 38150 42475 79428 40987 00541 65000 59495 68247
 09428 81046 66298 16156 91625 35796 37662 91228 44440 97656
 01985 60962 87401 61771 12508 39513 14158 28024 19700 66979
 55741 96265 80839 36155 28714 47078 76552 33596 40543 20866
 35257 17405 23370 59347 31086 11102 05168 59528 30348 02238
 50430 26491 19995 96193 84890 33257 20601 35173 45677 72042
 54470 61741 64464 90639 04982 91963 71090 13570 84084 19515
 13229 42447 46494 79486 90742 46112 57838 38880 20668 45416
 78422 61145 83719 00104 65690 58681 65891 71045 90190 91746
 06506 01874 55417 74246 63453 26549 20434 92313 15612 60943
 91670 22952 38622 70029 43393 32703 20989 10193 67903 28400
 56172 77484 45057 99875 93077 98815 54367 95347 22787 68324
 63362 41367 60838 42672 39190 53805 11196 00000

11073/14392/18177 kHz, 05-09/06-09, 0930/0940/0950 UTC

Serial #10, 197 groups

48434 56439 26105 92965 91426 98597 26104 78246 25594 93754
 74022 82411 46226 64188 62149 28139 00615 76672 29342 24272
 42978 47144 66122 05195 59129 80094 61435 96448 75085 73376
 36168 99560 39956 55464 50305 80359 80009 22370 58040 45985
 39271 95407 79599 58126 58521 76959 79412 11455 86914 10068
 65395 17359 96797 19524 42900 65673 55069 69555 10970 73661
 04095 12615 96316 17312 06058 16225 10130 27150 24650 71751
 78347 85439 29144 12790 85189 33955 31001 34539 64451 52117
 96763 45559 41546 31694 38917 33545 47690 39560 61648 62555
 74098 02924 37106 88989 17993 88234 17493 38112 86770 58625

73068 73164 85874 44900 03551 55899 29662 19313 73428 40219
56172 55156 39358 00532 77831 91969 43564 58610 17116 40151
56345 07838 78128 66538 71853 22347 72882 64883 00429 79150
75469 51721 26334 53214 40658 53771 31662 66239 80649 89085
84380 54049 63743 15042 54205 28608 04093 97901 74773 31807
05882 87435 44997 83588 93441 65757 19233 41495 09773 80377
74376 68979 66830 36962 70864 21802 40230 38540 28535 79811
06784 63358 82360 10583 93798 64315 80534 80916 51857 03891
36966 91165 33098 58393 54564 67635 74818 85606 92299 92883
14292 55551 25499 52010 85638 95846 00093 10197 00000

11613/13437/16191 kHz, 05-09/06-09, 1100/1110/1120 UTC

Serial #18, 157 groups

38385 51443 14442 55777 14302 07053 15397 06942 16832 16098
64030 51232 07353 79780 38865 20949 51053 18322 46310 86460
81639 84050 06821 21983 38759 75220 01273 03359 96198 67831
26603 50333 89355 59629 58480 15593 82968 76346 40207 43262
42888 44179 29359 04552 90783 37901 95096 81578 32772 71081
56191 42743 61368 56883 00326 01824 56010 46437 63665 80882
65920 54433 80977 17276 11167 23468 52092 67323 57393 79384
78609 68588 54650 12597 17417 94834 83566 81337 83119 54278
36124 33512 40484 81807 07782 47984 86367 01148 54251 44585
26064 93691 85952 30164 94172 89973 96213 06680 46265 68130
65803 71609 26522 47415 65540 49971 28861 20870 01721 91685
24755 80191 03211 13576 98719 77435 00395 41172 48632 30177
16457 61837 10719 81145 99323 04381 38192 50704 54343 53558
96865 38235 72125 10116 13719 57125 70729 96674 62812 77457
51301 68650 55252 70441 94980 38291 23611 28785 16722 78772
95609 94901 11239 28307 77411 77584 17923 18157 00000

8173/11467/13826 kHz, 05-09/06-09, 1110/1120/1130 UTC.

Serial #9, 213 groups

96517 59436 83143 40618 73746 62407 37412 90598 15298 29957
32717 15049 71955 49397 31764 39245 07932 52503 81041 70915
93767 74095 89028 26849 87879 80799 88912 77189 76524 82827
94449 75010 75970 29860 05638 32759 35584 04352 28709 70654
44567 46653 07798 89181 00323 66958 68940 15246 49507 21603
03919 41018 84552 35671 44422 91845 17544 37465 16098 65422
36926 31220 31045 30489 98725 18171 84682 11362 25372 56735
30899 41125 96947 92755 67560 65241 26076 87835 05505 76710
64673 46681 66180 10006 94654 99237 24191 36475 45350 36218
88037 08344 59269 92332 53385 89190 10314 74892 25804 17516
02881 26751 97191 83470 19801 90450 65976 95579 94123 27393
69901 60952 12414 08561 94123 27393 69901 69133 58749 25908
80480 68925 78188 55840 74089 43073 95212 83090 31505 40969
52544 65726 27537 29337 30543 78855 23976 83644 87888 09037
42301 36097 83949 40064 57158 45372 39795 12878 75245 55679
77875 31179 56260 20418 23269 42491 13741 92753 41522 62784
72690 64105 94836 52718 49243 79961 83469 11855 39529 52910
66056 37954 10962 92628 26188 24339 22878 92625 45863 48236
52763 64795 60460 05941 45854 16133 13501 02416 39868 61064
97868 90981 00236 14480 17905 28402 58324 28198 00903 68677
73500 57260 91121 69858 72011 14234 12933 49306 75727 57996
72914 55143 89388 09213 00000

11161/13432/15613 kHz, 05-09/06-09, 1350/1400/1410 UTC

Serial #12, 200 groups

49231 46183 40230 81667 09349 01374 98819 17899 90239 44819
51181 38093 25155 86155 67422 85811 86961 40348 82341 20400
22365 85499 97287 37328 33634 11537 25367 18797 43987 21677
31545 08231 48969 12407 62944 97645 76562 28742 97645 96618

33008 14886 02992 34432 68292 91428 49335 77912 19754 62227
92655 79887 30390 53645 75704 75849 69422 57723 91420 30647
94448 37680 06650 12498 55003 69527 72879 49460 26421 71362
82075 38154 64439 80773 60908 34202 59366 44914 90234 90879
44838 53800 72597 94950 82368 51607 67561 95246 44404 50586
70547 03226 66351 95651 39948 46654 24945 02743 80290 20343
30574 60004 74360 49858 63793 82431 52468 81307 55094 24745
81755 89414 92873 09371 71036 39106 52226 85249 17192 81026
00701 66134 29327 17732 59437 38075 04036 93179 28511 20728
03992 14271 24819 10734 81310 78581 33998 22577 38141 72826
15819 02664 40184 16043 10269 99901 47238 15206 29484 85891
48339 00400 78883 48799 74868 62612 17762 81363 44365 90885
17460 80510 23040 16480 76440 47641 30823 70192 78489 12133
24293 64912 68365 69647 18845 70825 41963 00656 02962 96779
07450 80682 80125 15345 91794 59409 17988 66647 79876 32340
93346 90702 79296 44080 26196 43281 33692 23819 15438 16765
12200 00000

6807/9407/12098 kHz, 05-09/06-09, 1410/1420/1430 UTC

Serial #11, 241 groups

65215 07800 32805 42033 75149 57588 60871 06084 03741 36385
51454 49455 74037 86011 63074 39860 38961 67458 77570 81587
52364 62775 98359 68561 94058 35912 43951 59446 10205 55374
91789 82504 05648 47269 00831 35569 53765 35941 52367 76670
34561 62418 92364 23401 91434 41742 49961 83215 81713 07699
87551 37411 79549 78896 86924 99450 79781 43382 97600 21626
95984 27424 96381 71785 70750 03604 29856 94340 80087 03578
15559 14032 60268 78009 98241 07387 32627 38299 19447 16247
20898 68331 44316 18861 61738 47789 07705 16365 84798 12929
59869 65078 21173 57478 43437 94531 78304 41678 66247 89787
93629 00093 24819 52745 48264 95584 79474 18684 81466 75461
66802 17644 42454 45425 81263 91428 79434 53126 98330 42859
99523 32036 85063 56337 37922 71061 65537 80853 54332 28008
93595 15642 33760 13627 32486 94041 72448 99141 02594 90531
87682 18501 33960 22311 16332 36740 82621 43918 45886 08327
73077 47787 75074 16785 56755 04202 47917 14165 08431 90717
86655 87609 03135 68533 38337 45519 14591 43824 54276 62541
54088 35121 22028 38637 70693 82845 41798 69553 75484 17335
01091 93918 26124 69498 90314 25718 37043 20783 91461 69498
13906 37379 56296 27034 24724 26266 56942 61501 87909 97562
91741 45168 53855 03495 24366 32552 16344 74507 70434 63692
38051 31578 65350 22890 25131 02914 31141 98371 13710 92457
38688 81221 64368 77775 83716 36558 60585 25713 13651 53889
30976 62214 88306 60922 87263 50961 97828 20418 86837 21392
46109 11241 00000

7876/9437/11572 kHz, 05-09/06-09, 1415/1425/1435 UTC

Serial #6, 248 groups

51115 37908 92494 43579 13765 63603 71278 88111 21944 40090
61205 84031 45707 77488 55108 48313 32646 44246 29180 00976
78755 84287 92560 84321 85988 49703 77459 17436 92908 68945
60477 88898 06078 24394 27562 15294 94769 62982 03902 85175
12527 73448 31681 88453 51446 28278 45788 92955 32335 15905
60784 95822 80048 17638 88177 09008 78340 02631 86855 58470
76315 78656 57956 29433 91525 00476 12314 03493 35242 39233
05825 20771 51437 30130 10846 91902 64044 86895 83986 61507
47077 00628 47924 10504 05582 76948 85867 60968 63167 24075
15073 62244 63235 80045 18074 21116 75101 53988 02907 64740
91252 58469 14976 52555 15030 21658 23848 01688 07600 22502
93665 79553 35508 23496 47528 57251 49126 49092 10507 93872
39966 65304 08769 24609 66175 35786 35513 66525 46922 53327

05042 30061 43264 82394 63517 86248 16812 25940 44200 46012
19897 25073 11326 60502 06274 81311 37165 93770 66408 39845
75665 08860 27442 53520 65770 74171 05733 07640 52523 11214
45617 07201 70683 86780 81625 31180 03417 25805 50874 76686
32358 32588 28495 35641 60422 53427 07579 74569 33487 93323
00283 63403 94729 66065 47210 17413 45087 40094 17937 31986
62380 65891 27465 56188 45511 81704 87039 07014 00551 71345
13894 76166 08904 69262 78647 44802 31355 84922 11370 72148
21671 59720 31337 29973 01520 57903 88787 41197 95614 12525
97774 65568 53209 92402 42769 45915 03833 38955 22722 90182
82925 68982 20127 48915 57298 00339 59456 23578 74880 78799
93999 57349 56259 51298 75082 75066 93860 97445 06248 00000

9239/6904/5087 kHz, 05-09, 1850/1900/1920 UTC

There is something strange about the following one. These exact time slots and frequencies were the September choices for a low traffic weekly Thursday sked that ceased on 31 December 2015. I've checked Twente's full day waterfall for 13 & 14 March 2018, and sure enough there was activity on that sked's former March slots, 2000/2010/2020z 7602/5737/4468.

E06 759 seems to have done exactly the same thing this year. It has returned to the old 0030/0130/0230z slot, and was heard back in March 2018 and now in September. In October 2017 it was still using those other 1505/1605z slots. (Danix)

08768 64609 56522 39188 06281 66778 72201 98162 71958 33179
18844 82810 02087 12711 84528 94236 45199 98340 90854 59687
91969 75746 38364 14154 22898 87002 20509 92694 93895 06426
35284 73778 80096 15643 23779 71808 75789 58767 62663 30643
33749 00043 29243 07904 02274 70703 71194 05115 78552 55308
45079 44985 87031 33292 59375 82777 83999 60760 63750 98702
91641 90264 61227 95052 92479 38536 41582 92314 92862 62247
46340 58741 69565 94349 09447 37791 36828 24009 72197 37708
16199 54769 94914 06784 82834 26152 60432 88529 28572 54434
68582 22340 28049 16262 84561 15469 96043 43296 95807 82765
45867 16979 33563 38014 73702 77064 41953 59560 13641 48803
99132 98530 85694 16564 13224 89840 60625 99552 40477 90198
85888 76603 21208 14082 85873 24138 30606 59568 32924 30803
91875 99581 93509 90980 06389 39325 44093 89956 23061 06277
59964 71500 31741 14386 65575 06948 45043 98979 63399 59973
26295 60454 95287 63455 17133 88246 10311 67803 88754 79471
30854 97683 12505 73224 81372 93100 39295 43625 11168 00000

5803/7803/9937 kHz, 05-09, 1945/1955/2005 UTC

75651 29025 92312 48051 58721 15593 98890 08192 37815 82297
36526 68596 32927 93937 23504 64006 67122 09427 84676 93732
85392 43792 82692 47588 25810 91380 54044 89592 09628 42390
08846 84164 17816 36519 06729 25160 12474 69780 94573 72023
07594 13517 94570 80611 63102 62423 26272 19742 60564 68388
50048 57005 08901 07850 27613 56590 08268 42403 46324 46918
52681 31806 08792 42832 11903 99657 64540 15572 02342 48456
02676 62830 38150 42475 79428 40987 00541 65000 59495 68247
09428 81046 66298 16156 91625 35796 37662 91228 44440 97656
01985 60962 87401 61771 12508 39513 14158 28024 19700 66979
55741 96265 80839 36155 28714 47078 76552 33596 40543 20866
35257 17405 23370 59347 31086 11102 05168 59528 30348 02238
50430 26491 19995 96193 84890 33257 20601 35173 45677 72042
54470 61741 64464 90639 04982 91963 71090 13570 84084 19515
13229 42447 46494 79486 90742 46112 57838 38880 20668 45416
78422 61145 83719 00104 65690 58681 65891 71045 90190 91746
06506 01874 55417 74246 63453 26549 20434 92313 15612 60943
91670 22952 38622 70029 43393 32703 20989 10193 67903 28400
56172 77484 45057 99875 93077 98815 54367 95347 22787 68324
63362 41367 60838 42672 39190 53805 11196 00000

13396/16199/19588 kHz, 06-09, 0800/0810/0820 UTC

Serial #19, 163 groups

69357 91210 02196 51966 88998 07652 13238 45920 88050 54474
18445 38744 22695 93318 71908 24162 21241 57128 32990 31904
48340 43697 41722 72227 74511 45677 69636 85394 61841 51432
35257 62628 15073 05604 31232 78758 81137 11386 30840 37645
46276 34404 84906 29961 48693 44488 47268 40067 54884 87649
26528 98997 24279 15823 55756 87499 16551 69396 73807 68204
41932 96253 61228 12335 54228 05052 26711 35898 32625 19909
88484 49387 89476 51297 11817 35447 45511 96358 33256 21340
12626 64337 37235 12315 02353 74456 20807 52114 54267 21708
88883 59804 18171 72629 07588 67520 36368 39561 52839 60475
94160 64079 72700 13835 30261 68443 05153 20550 38948 71049
90984 99913 77600 67514 19156 94841 58052 50796 56975 23018
68782 45750 65772 02664 03362 22888 17525 73264 62636 88295
31839 98173 70542 26004 57122 90956 92018 33760 08537 80048
57094 07725 74287 41635 61098 51149 57201 40408 36407 05455
85599 28260 27347 99362 92653 63023 61799 85290 21111 44853
77272 48041 02505 19163 00000

8163/10566/13516 kHz, 06-09, 0920/0930/0940 UTC

Serial #8, 251 groups

83867 85572 15179 66671 68763 65409 14824 10642 68660 11715
50320 55532 23820 78712 31411 32896 60431 05103 16209 37880
27108 75047 61214 69587 75500 88722 44863 21414 41508 27712
96670 72178 98646 75560 44662 06687 42245 29032 50881 23804
98178 39495 21396 26375 96029 85725 12594 19176 84933 52773
24360 99799 63758 27812 02217 30522 50916 20605 17940 58500
52618 73905 40556 31379 40644 13194 00736 29931 78036 21894
57397 84825 54984 93746 47375 02781 50354 05012 05267 09444
40938 33025 02113 54276 36427 21285 13139 36937 63513 05765
38955 15707 88724 49651 05172 01342 43002 46689 45552 84358
99129 48476 74580 14316 85832 23366 00793 83614 60754 40674
81227 96045 90612 21009 50451 58899 89585 36075 46184 00647
36697 71793 73315 91346 29293 18173 55024 63666 46849 95441
54494 35440 61040 64816 10963 54624 12206 51617 13905 04050
62674 69772 42502 23954 40436 87625 93566 81624 13108 55260
49061 59578 35096 75682 66873 24941 77182 55474 29666 82831
03250 45407 43516 81855 76186 52075 14316 65262 90218 78971
98049 68792 18676 46797 59302 61074 14378 82972 64442 06363
84424 94182 69180 71922 99705 91854 58764 46598 15434 10626
46096 48305 34362 14319 44519 84140 02582 73952 31203 86848
17264 74467 59657 44367 62677 57151 85887 22911 35425 96669
65933 86927 71357 62765 74172 39729 01589 47426 80898 69974
41710 86674 62129 93655 97014 22411 00230 87870 53521 84560
71982 03917 94521 72766 80583 83778 60456 23922 19175 38433
51894 19704 04970 57792 19665 10510 12907 91413 63643 48921
50728 08251 00000

Link 00116 via Cuba

20618/18048 kHz, 14-09, 2230/2240 UTC

11177 00116 39176 14041 01829

83319 96171 40258 01697 05132 99960 64305 41458 51996 79059
76681 89295 46276 71718 68078 66961 85966 17556 30259 82386
16613 40968 26423 05072 80235 43071 88742 21217 26360 88708
99842 68785 98364 71594 42000 08171 99093 47317 82531 21292
64696 99409 51072 33287 16191 21460 73652 24396 46746 29967
87526 74711 80666 09058 70466 00626 52414 20103 40406 22727
51900 62024 99950 37049 48900 82256 21813 07721 41136 38663

52372 65680 22324 82385 72887 73539 08165 52212 56588 99347
01101 87530 66182 85439 68518 52907 60073 27071 33763 96959
81753 80773 46555 89396 64150 76681 68253 73551 81768 24773
33778 96464 54209 77544 65651 49527 17006 10258 63203 19266
74131 49111 02125 73501 58671 90239 80315 77709 80314 89051
30199 20073 97649 33803 71512 21327 45964 90417 90556 61041
52435 75627 57453 86347 13981 74298 55220 71563 21088 56492
32722 82621 60892 88554 89897 64535 76951 15590 66277 67513
29200 08751 45040 37787 74313 07178 61083 00296 54370 50728
42573 89119 97096 62881 65793 74557 49199 49051 17828 68058
41511 09566 42551 60097 30624 50275 23907 00678 44019 18149
41180 00000

20618/18048 kHz, 21-09, 2230/2240/2330/2340 UTC

11177 00116 59128 20042 01449
08763 50804 11359 34150 83565 99076 37615 06508 12269 10427
40328 03700 34927 42524 43860 89223 18342 24517 57169 81333
79867 04848 16852 19960 64990 89314 89677 37122 15090 40137
41130 32175 65422 17241 65785 92736 47972 21630 21565 00346
60258 95060 83782 10585 50738 23077 76911 90898 80370 69217
79762 71588 45656 84883 87524 50573 27213 49419 57412 21620
22974 35614 03127 79810 76010 25197 13120 68749 24459 12896
06409 45466 39952 13099 13458 57338 95538 60336 18705 11030
04542 49994 98163 93346 15617 22928 12478 63772 37253 76813
64035 85099 80249 01200 63908 38731 00503 18017 91035 94846
92903 03379 49919 42065 95611 43727 33924 44993 83295 43949
55739 07272 90504 17936 21253 91887 05279 19636 84667 27410
06443 73472 17956 89552 15991 62105 32197 68206 43369 04851
29738 09231 87416 38550 12648 56252 69133 15269 44607 43790
02269 03558 42142 00000

Link 00117 via Cuba

15672/13892 kHz, 03-09, 0025/0035 UTC / 15672/13892 kHz, 03-09, 0125/0135 UTC

11177 00117 15974 30040 01779
27213 49419 57412 21620 22974 35614 03127 79810 76010 25197
13120 68749 24459 12896 06409 45466 39952 13099 13458 57338
95538 60336 18705 11030 04542 49994 98163 93346 15617 22928
12478 63772 37253 76813 64035 85099 80249 01200 63908 38731
00503 18017 91035 94846 92903 03379 49919 42065 95611 43727
33924 44993 83295 43949 55739 07272 90504 17936 21253 91887
05279 19636 84667 27410 06443 73472 17956 89552 15991 62105
32197 68206 43369 04851 29738 09231 87416 38550 12648 56252
69133 15269 44607 43790 02269 03558 71706 04130 29609 35436
43191 09456 25917 74119 13874 93138 79388 40086 82385 05926
85283 67872 66297 03723 51789 41643 54873 35014 57078 99394
64555 60626 99296 55386 73602 69308 76524 00685 49468 32362
24704 96546 42516 13771 21089 01348 58220 63610 57420 03390
43342 45381 13158 13397 54496 72101 37763 91041 18643 47707
45307 29930 27995 20835 96563 02074 73016 75788 90780 31036
73221 53382 85808 69337 43713 96420 29574 64912 31813 89245
10013 30002 22479 85478 60064 37581 09302 64386 70819 81648
50159 70628 95027 28177 97988 40175 00000

15672/13892/15672/13892 kHz, 10-09, 0025/0035/0125/0135 UTC

11177 00117 87635 06041 01709
65240 06854 94683 23622 47049 65464 25161 37712 10890 13485
82206 36105 74200 33904 33424 53811 31581 33975 44967 21013
77639 10411 86434 77074 53072 99302 79952 08359 65630 20747
30167 57889 07803 10367 32215 33828 58086 93374 37139 64202

95746 49123 18138 92451 00133 00022 24798 54786 00643 75810
93026 43867 08198 16485 01597 06289 50272 81779 79889 80520
24373 00158 00047 53142 01300 48220 24584 08425 42757 52286
60091 26948 28278 67709 45422 39657 43944 06022 84311 19000
25769 19876 51148 57669 14367 69760 90766 87766 53769 72640
75401 28015 20716 49535 11007 08164 14986 22523 27390 15069
79289 98936 36044 96641 98049 05501 60288 49834 49175 76242
55052 97768 12032 87463 80497 97513 78095 21327 33238 61609
19150 94968 24653 47471 40483 34615 54669 67564 30025 38505
66734 08081 53511 40118 57851 60912 49014 43251 32606 96808
67544 60553 91504 96743 09660 45828 68534 01778 08978 39725
02480 62656 63417 13082 90108 16788 21389 35412 27791 40478
76808 61452 59388 43505 93462 53200 09809 67214 41168 00000

15672/13892/15672/13892 kHz, 24-09, 0025/0035/0125/0135 UTC

11177 00117 39125 20043 01859
55073 82307 77691 19089 88037 06921 77976 27158 84565 68488
38752 45057 32721 34941 95741 22162 02297 43561 40312 77981
07601 02519 71312 06874 92445 91289 60640 94546 63995 21309
91345 85733 89553 86033 61870 51103 00454 24999 49816 39334
61561 72292 81247 86377 23725 37681 36403 58509 98024 90120
06390 83873 10050 31801 79103 59484 69290 30337 94991 94206
59561 14372 73392 44499 38329 54394 95573 90727 29050 41793
62125 39188 70527 91963 68466 72741 00644 37347 21795 68955
21599 16210 53219 76820 64336 90485 12973 80923 18741 63855
01264 85625 26913 31526 94460 74379 00226 90355 87170 60413
02960 93543 64319 10945 62591 77411 91387 49313 87938 84008
68238 50592 68528 36787 26629 70372 35178 94164 35487 33501
45707 89939 46455 56062 69929 65538 67360 26930 87652 40068
54946 83236 22470 49654 64251 61377 12108 90134 85822 06361
05742 00339 04334 24538 11315 81339 75449 67210 13776 39104
11864 34770 74530 72993 02799 52083 59656 30207 47301 67578
89078 03103 67322 15338 28580 86933 74371 39642 02957 46491
23181 38924 51001 33000 22247 98547 86006 43758 10930 26438
67081 98164 85015 43183 00000

F06 – FSK 200/1000

Link 00000

Link 00000, but with transmission type 11166 instead of usual 11100. Maybe it's not part of sporadic network, but interesting for that and for showing a not-very-high serial number:

13385/11126/9231 kHz, 05-09, 1600/1610/1620 UTC

Serial #5, 198 groups

11166 00000 47820 05005 02009
15073 07192 94564 88348 26632 55116 56640 66471 63376 80053
47865 02637 73790 96552 68910 17453 91224 43557 62693 74793
98264 70587 28798 40619 55158 26781 26556 18396 06120 40382
94954 05924 76355 32545 62718 28020 67346 94812 02355 95222
06274 26769 15487 34136 97655 77937 69824 59643 49106 40703
76795 17624 96750 37110 62639 91513 98575 75241 76798 88244
32108 26665 51271 16780 41905 43746 37981 47727 58165 41434
97218 49913 05706 38223 55056 11894 94997 97542 36623 55453
56058 41320 00625 44470 72489 61791 05538 37333 62671 61937
68792 75961 20977 00897 59491 32607 59512 77339 52348 04393
19705 90048 68018 22964 34369 27400 32667 34405 71554 79748
01950 06786 50140 74292 46703 34737 44797 04824 58093 77851
47849 49322 61060 37573 73939 06405 05927 59492 41726 56971
82652 86865 81519 47710 11371 80179 11903 93314 50135 04947

90320 30627 14940 14629 62226 09730 23768 23018 78431 25618
05298 05434 61401 49130 67845 30422 11259 72960 61542 14781
37967 82497 31322 15079 58457 31251 74581 81641 92743 67696
15330 79470 74681 43193 93175 15463 90941 41613 78092 64779
91040 88223 58087 06934 33055 60007 34210 13777 52324 70324
33533 39244 85347 16274 83596 21327 43831 07068 05198 00000

Link 00052

16260 /14386/12098 kHz, 13-09, 0800/0810/ 0820 UTC

11166 00052 31245 07031 02529
30290 26117 49866 22078 41917 84802 63404 40426 63399 76284
08392 97356 10126 08543 01252 80673 70302 54970 80501 40483
40968 98277 28228 77712 42391 43673 92360 71215 91747 56127
23855 12087 14520 39529 11333 70046 64557 41120 48490 43172
48096 79317 35707 73923 40658 69024 56192 58316 52883 87738
62254 99963 28236 65491 27371 57239 37030 36993 47241 88397
70330 78280 01237 90981 74929 76344 28448 14654 63110 70009
97621 50858 22534 13597 57937 70094 99335 04222 27423 78375
76254 26220 94251 00963 40635 04712 39118 25286 70536 63588
32933 13708 39141 65502 28559 07528 68471 50457 56888 56676
56875 46187 87458 63647 86182 09370 12678 86092 08037 25279
02743 56754 70031 60620 82760 75054 83354 30873 09331 91368
03077 82584 21937 06707 50293 16179 63771 80414 24945 19940
80026 16281 82539 44952 35166 92179 34377 17346 44789 60417
78573 88167 94608 44972 37119 11361 35323 51367 95220 40495
11711 72197 61038 66239 22399 02661 75532 13943 73997 89351
77747 97559 59817 80957 05426 13232 32533 15443 26140 49856
70929 43691 92371 86298 84632 98687 91240 01826 88827 33781
75949 39441 35974 02008 93091 92244 54369 43517 17667 95362
30827 13142 19974 93434 46436 04547 25640 79328 81848 59470
80802 65447 43189 61223 00915 37209 94143 12729 92343 88178
04691 70903 40751 58231 46730 25764 83498 05859 83142 98241
19657 67205 37902 72572 37501 80940 30751 71844 68313 32031
41576 42050 58026 23828 72766 69014 35228 77993 71354 42549
96719 97856 33587 21410 62770 96484 67076 15826 64616 61200
31250 00000

16260 /14386/12098 kHz, 26-09/27-09, 0800/0810/ 0820 UTC

11166 00052 31245 07031 02529
30290 26117 49866 22078 41917 84802 63404 40426 63399 76284
08392 97356 10126 08543 01252 80673 70302 54970 80501 40483
40968 98277 28228 77712 42391 43673 92360 71215 91747 56127
23855 12087 14520 39529 11333 70046 64557 41120 48490 43172
48096 79317 35707 73923 40658 69024 56192 58316 52883 87738
62254 99963 28236 65491 27371 57239 37030 36993 47241 88397
70330 78280 01237 90981 74929 76344 28448 14654 63110 70009
97621 50858 22534 13597 57937 70094 99335 04222 27423 78375
76254 26220 94251 00963 40635 04712 39118 25286 70536 63588
32933 13708 39141 65502 28559 07528 68471 50457 56888 56676
56875 46187 87458 63647 86182 09370 12678 86092 08037 25279
02743 56754 70031 60620 82760 75054 83354 30873 09331 91368
03077 82584 21937 06707 50293 16179 63771 80414 24945 19940
80026 16281 82539 44952 35166 92179 34377 17346 44789 60417
78573 88167 94608 44972 37119 11361 35323 51367 95220 40495
11711 72197 61038 66239 22399 02661 75532 13943 73997 89351
77747 97559 59817 80957 05426 13232 32533 15443 26140 49856
70929 43691 92371 86298 84632 98687 91240 01826 88827 33781
75949 39441 35974 02008 93091 92244 54369 43517 17667 95362
30827 13142 19974 93434 46436 04547 25640 79328 81848 59470

80802 65447 43189 61223 00915 37209 94143 12729 92343 88178
04691 70903 40751 58231 46730 25764 83498 05859 83142 98241
19657 67205 37902 72572 37501 80940 30751 71844 68313 32031
41576 42050 58026 23828 72766 69014 35228 77993 71354 42549
96719 97856 33587 21410 62770 96484 67076 15826 64616 61200
31250 00000

Link 00089

???/???/10399 kHz, 05-09/06-09, 1700/1710/1720 UTC

11166 00089 17345 05002 02379
27480 18608 06606 35607 77682 49932 62657 19643 52076 90588
59066 49795 60904 59784 09076 17272 83015 66305 66443 53441
36548 80412 04199 56148 53687 94043 78914 63037 07405 50580
06689 15654 64786 80025 07179 36923 99201 68272 73757 85594
93355 07493 81931 48511 11016 83159 03725 77628 38375 12557
19984 39858 72906 57613 55984 45062 11355 44872 00602 14850
42965 48616 62091 68369 61593 21281 31230 94139 90461 16374
73302 61917 73089 49755 32918 92258 61402 61574 80827 91713
40029 98912 15786 54618 28418 12556 72537 95500 15058 37848
50274 14806 44385 45854 89389 14933 74288 75959 62703 71422
36115 87823 87963 72302 35202 62720 70599 97467 76758 12918
16430 21148 10520 72153 95285 62883 39654 52293 38222 66692
07388 03487 96383 70431 31152 87351 55074 29782 64730 58396
01140 15730 58795 61535 46593 88143 92990 95014 56957 74____
____ 91736 45397 30459
34035 80977 20492 27695 35589 65251 16662 22925 73089 53374
90301 46272 66515 61458 00395 37662 38708 14895 47938 93920
25992 13951 79679 06222 67635 38267 03634 52968 28608 49671
48182 12663 96314 89016 14137 68101 87910 33635 36811 76698
11474 62985 37163 97494 69185 09316 94255 07056 33978 52242
08667 89101 03569 92916 47619 66925 91053 84340 94534 24823
69871 83182 12674 88490 52003 03242 36193 94511 16452 01441
52808 43028 48163 19967 92166 14034 98206 05358 79519 54904
20425 10035 88133 10660 77967 02235 00000

Link 10031

16146/13385/11434 kHz, 26-09, 0915/0925/0935 UTC

11166 10031 17935 26026 00049 00000 00000 00000 00000

Link 10042

19509/16249/13836 kHz, 05-09/06-09, 1030/1040/1050 UTC

11166 10042 84620 05010 02089
44889 21909 39145 68421 73284 53355 14950 94651 29787 27309
71208 22642 13506 61596 79195 64052 13738 77436 09856 06968
06683 88404 37953 34597 92357 58789 28050 12905 36351 63950
75746 54913 24098 32030 30277 93174 22598 99973 83302 20730
49126 72101 02894 47449 33469 13089 65745 95884 16549 72958
28541 02895 54509 63632 75824 13883 47586 14032 06322 81462
30118 46775 35051 18320 53328 07281 98225 42035 05456 34383
31867 86357 01056 54255 29566 62665 90441 47749 78678 36850
87155 89389 83995 56531 65895 36947 02538 78044 78071 06753
32732 16401 74679 17475 51683 55196 34347 35164 87418 75152
16677 12665 23701 61048 32297 46121 95200 08342 43089 71539
63811 06400 06715 81017 81195 75279 41567 89874 46673 44131
55148 51735 13886 62834 34975 71870 02563 63764 38071 56504
25604 90791 74629 98886 60894 83697 91255 64091 72800 65294
26725 58674 42324 02485 04373 03561 67144 23335 77624 56363

25286 11439 10570 69325 98439 63875 53876 79918 83921 58918
33509 81054 31280 19052 78575 83493 98541 41443 38030 04065
69465 31732 36224 35519 20176 54540 95852 19207 00922 72741
43684 80127 82706 38643 63483 42642 97878 81033 61445 01671
42498 45956 37205 35147 35786 72693 76114 40217 63460 02590
98948 54288 04879 56185 56595 38254 10206 00000

Link 10053

14455/12065/10426 kHz, 02-09, 1530/1540/1550 UTC

11166 10053 18531 02064 00049 00000 00000 00000 00000

14828/12214/10534 kHz, 04-09, 1650/1700/1710 UTC

11166 10053 15963 04001 00049 00000 00000 00000 00000

14455/12065/10426 kHz, 09-09, 1530/1540/1550 UTC

11166 10053 13579 09064 00049 00000 00000 00000 00000

14828/12214/10534 kHz, 11-09, 1650/1700/1710 UTC

11166 10053 79513 11012 00049 00000 00000 00000 00000

14455/12065/10426 kHz, 16-09, 1530/1540/1550 UTC

11166 10053 31254 16001 00049 00000 00000 00000 00000

14828/12214/10534 kHz, 18-09, 1650/1700/1710 UTC

11166 10053 17935 18068 00049 00000 00000 00000 00000

14455/12065/10426 kHz, 23-09, 1530/1540/1550 UTC

11166 10053 79513 23012 00049 00000 00000 00000 00000

14828/12214/10534 kHz, 25-09, 1650/1700/1710 UTC

11166 10053 35791 25068 00049 00000 00000 00000 00000

14455/12065/10426 kHz, 30-09, 1530/1540/1550 UTC

11166 10053 18571 30064 00049 00000 00000 00000 00000

Link 30011

9433/13389/16264 kHz, 05-09, 1200/1210/1220 UTC. Two messages

11166 30011 12378 04043 02459
15287 39911 24493 00302 67500 98689 15812 96382 54406 55608
21773 29779 25642 00662 02553 73306 33265 31581 91202 99661
36668 60945 91444 91263 97084 30636 10142 69655 21987 72117
55561 35923 30484 89183 87978 79628 14771 54037 98750 57745
90924 81066 44627 48230 37207 39557 15149 97408 31334 60554
24001 77968 01340 40178 98505 05826 46006 85868 48787 58389
39979 57723 15329 37094 94899 02934 74009 75452 74207 92707
54888 72969 87260 72224 20647 69761 28197 72502 57676 90812
11463 90674 68377 83071 14870 43547 80469 94285 19885 55816
54534 52419 40332 41235 51198 60317 34414 49226 38874 52071
74936 34792 13271 18965 61237 09284 48863 23251 93786 86499
71459 10678 13530 40099 88645 20145 07356 71055 78831 19626
06166 48090 27022 17711 69491 56196 56029 52849 31151 14157
22712 48555 77911 14771 67282 53670 24205 90649 61862 27891
03036 54100 16190 30166 23072 47362 79366 28095 47234 18475
05659 57220 46926 59453 51460 99424 54864 34317 56436 35803
10455 15875 69835 04140 64572 50012 13976 09828 76194 34848
60307 79995 68292 48687 79509 66677 75563 87760 66971 08296
95574 99797 03054 73723 98421 75224 07597 61879 33172 09825
35058 47373 84300 97914 84232 14529 89519 50250 48373 23264

11394 06017 59688 33206 77706 50980 54473 68430 11982 36701
45210 59561 86260 86959 10202 57357 88054 39403 25417 18098
86020 40098 25225 93635 50225 07178 43930 49534 39649 95992
63381 33533 07392 62202 10044 02886 17911 70525 64064 21826
09378 18436 94349 43243 00000

11166 30011 34718 04044 02459
46795 39911 24493 00302 67500 98689 15812 96382 54406 55608
21773 34756 25642 00662 02553 73306 33265 31581 91202 99661
36668 60945 91444 91263 97084 30636 10142 69655 21987 72117
55561 35923 30484 89183 87978 79628 14771 54037 98750 57745
90924 81066 44627 48230 37207 39557 15149 97408 31334 60554
24001 77968 01340 40178 98505 05826 46006 85868 48787 58389
39979 57723 15329 37094 94899 02934 74009 75452 74207 92707
54888 72969 87260 72224 20647 69761 28197 72502 57676 90812
11463 90674 68377 83071 14870 43547 80469 94285 19885 55816
54534 52419 40332 41235 51198 60317 34414 49226 38874 52071
74936 34792 13271 18965 61237 09284 48863 23251 93786 86499
71459 10678 13530 40099 88645 20145 07356 71055 78831 19626
06166 48090 27022 17711 69491 56196 56029 52849 31151 14157
22712 48555 77911 14771 67282 53670 24205 90649 61862 27891
03036 54100 16190 30166 23072 47362 79366 28095 47234 18475
05659 57220 46926 59453 51460 99424 54864 34317 56436 35803
10455 15875 69835 04140 64572 50012 13976 09828 76194 34848
60307 79995 68292 48687 79509 66677 75563 87760 66971 08296
95574 99797 03054 73723 98421 75224 07597 61879 33172 09825
35058 47373 84300 97914 84232 14529 89519 50250 48373 23264
11394 06017 59688 33206 77706 50980 54473 68430 11982 36701
45210 59561 86260 86959 10202 57357 88054 39403 25417 18098
86020 40098 25225 93635 50225 07178 43930 49534 39649 95992
63381 33533 07392 62202 10044 02886 17911 70525 64064 21826
09378 18436 94349 44243 00000

Link 40034

14359/12217/10159 kHz, 03-09/04-09, 1600/1610/1620 UTC

11166 40034 15972 03002 02049
26364 62278 18180 72172 18549 71908 89617 92848 68548 67846
43581 38674 68625 44388 92579 67240 74849 96436 94518 64972
10408 18552 29952 30112 79566 01726 06613 94639 64753 61746
86732 86691 90278 33699 35340 24988 63959 74254 33481 32424
09879 10840 38127 12789 70658 96935 75481 71020 19710 48825
57378 28970 47525 80449 93211 76932 94172 45266 11350 56496
94349 80256 89473 53012 69033 95776 67690 43101 88759 71903
42886 19359 34734 24839 45598 22820 64332 29409 58984 64416
83986 29740 22960 85533 73714 12883 78041 55623 09470 61745
76352 33251 67291 32931 10624 40585 12773 21697 88236 53241
04993 88280 10256 60159 60465 55651 92831 00207 89733 41311
99369 06809 83949 60394 68817 43809 86177 87197 26419 15441
66104 59995 14497 42414 42634 40746 24663 31368 36392 95664
40603 96333 68818 51391 79396 45188 71812 64201 31562 40900
83775 13884 21686 43089 47677 52012 04785 92765 14101 43683
84862 39227 13789 73139 58258 16851 87910 17503 93012 32903
17842 57317 94579 85895 92874 55667 54445 73708 07441 91252
97802 82689 41094 34855 31464 09417 01332 39446 72590 97001
56785 92243 02721 59309 25100 59317 00780 35496 68359 31175
23623 24072 00606 09276 75722 12299 74751 18357 17312 23105
40128 94345 02202 00000

14359/12217/10159 kHz, 05-09/06-09, 1600/1610/1620 UTC

11166 40034 65493 05003 01599
24272 59421 10123 27957 37043 98297 33478 28144 55665 57700
07230 23111 72824 59274 63156 20456 34020 71463 42690 60505
94272 60470 25549 11394 32492 63937 03439 46319 30507 97500
38710 25473 85989 74074 13588 20273 08072 52159 97578 92963
49353 59927 66681 18814 86051 29115 42441 22600 35038 84183
46808 86055 78888 98009 85423 11113 84192 10348 11463 10923
98718 18138 61820 03491 38150 93873 69826 22458 17875 55316
39359 27291 31800 38835 65500 66399 07165 33050 05595 21153
85546 72778 03359 89958 64051 63517 74280 98334 54343 93624
10162 44591 55247 96830 39453 84360 39719 12085 86536 95080
86199 31949 24757 11831 55670 26742 73386 78595 77083 39397
64240 41169 85670 61176 21002 95434 67928 18953 22420 38739
84322 67182 69158 42053 41997 72633 10296 69064 57678 61161
37093 90965 92233 25736 70272 10894 93067 40394 16069 01390
64890 75283 36518 10119 16253 52289 41690 60151 93917 25351
43186 13170 23435 36811 46119 78398 74978 03157 00000

Link 40122

15930/13503/11109 kHz, 05-09/06-09, 0600/0610/0620 UTC

11166 40122 69721 01091 03409
81730 59589 78948 20432 48099 96679 60853 63291 84434 65406
24004 98026 59940 86756 23217 23105 63906 66933 63216 05682
24755 86291 12057 92452 83071 58289 64643 71004 17095 50651
17286 86333 44071 85921 39224 42234 45938 63601 52067 42236
92751 71059 53077 49773 62312 75391 43240 72290 79411 13433
46058 98954 23157 22095 28002 46666 75789 76228 56563 94067
11447 26191 56838 08217 48308 52304 52587 93631 12552 78403
02702 18382 87567 11646 69022 96920 46859 00784 76440 34337
94082 30080 51218 61732 58639 91050 48479 17387 20283 99236
04784 53418 61162 48173 76750 72617 68747 17760 51642 25149
38066 79207 40870 19795 46701 63763 92336 29446 00973 87382
82571 95510 76755 48551 74584 60948 03357 41438 52382 86585
63902 51569 68081 30440 10662 26206 62555 94709 18754 36620
45557 70123 26667 74450 46247 32350 37035 49326 70077 70139
76104 79952 22950 49892 35328 95837 88604 46344 43528 91847
70168 94043 43062 02793 31796 39331 68429 90206 01352 97477
50757 58532 20061 44704 96603 42878 50071 99735 14514 35557
75866 74604 87769 43569 60453 99372 16760 94239 42290 50476
79433 31184 83855 37358 83237 67788 07829 27099 07011 90409
81798 11722 56249 28454 37446 47855 80188 33551 35143 23455
24146 34992 09885 31256 15545 63619 59523 53657 07076 61374
61215 88714 25417 18663 27026 71935 98968 06750 34644 73567
63016 97357 94117 76051 65784 86656 36569 61351 23797 65843
35824 62821 00001 05481 98879 61323 03073 45804 86163 30263
31359 10167 47515 59239 09884 83813 84824 10997 93854 25182
77269 91368 37116 01909 30094 36890 48978 68724 32846 49778
87864 29438 38040 34960 65210 50185 96157 18847 58053 16138
07939 54519 53759 48858 79888 43043 75303 26476 93955 25574
60561 73902 27294 25951 94044 15232 83074 48474 14512 05552
18257 60537 46892 84332 79278 14812 31969 17579 81591 90677
52254 20946 93977 59568 77486 80999 13598 03935 78204 16806
42690 44513 80812 49041 02870 55573 62598 68808 47970 72851
10126 23349 61345 23840 89440 60839 48591 35127 01535 01449
61612 96483 21501 26865 14972 86364 44814 05457 91338 00000

15930/13503/11109 kHz, 26-09/27-09, 0600/0610/0620 UTC

11166 40122 12563 22094 04199
41715 86670 61169 20793 72062 06678 58714 76812 97432 78937
42268 81940 40253 80796 99621 55390 72833 30026 75759 77716
51146 47485 54928 44936 04180 97616 31874 68449 52287 73961
08173 00448 52984 21887 74598 89499 97621 15702 65459 95996
07376 32356 95852 22156 01993 88910 17760 36251 39721 35964
55926 95783 51879 24224 09471 99249 20485 86408 30149 21226
72388 01674 13218 10426 88352 34736 61831 55447 50502 66901
10911 47876 76597 61170 21432 97438 14561 28613 81046 78894
95692 88203 71999 15359 70014 37295 92264 27733 72184 74931
40842 04938 91409 45173 03153 74634 43806 92636 97464 79123
70633 47422 68299 86101 10846 81626 37743 88978 21404 04629
50603 76422 43764 89322 74358 75834 40014 46503 39821 00441
47060 89587 33472 54681 22326 56839 77377 77584 79390 83319
57659 28824 37007 39721 87418 47134 29935 80286 15087 35778
55028 66993 14114 54750 51013 62207 14944 24414 35401 06963
65215 70242 46955 27093 29119 63364 67175 34365 61858 36598
19215 14831 20136 80662 67677 21572 94620 50250 67737 14021
75324 34649 37003 11057 85822 72606 48580 50058 47258 16116
68760 69100 58081 72818 87775 54477 00430 81705 17060 20755
09122 01808 51450 15527 64180 18561 19762 66056 92825 97535
72191 10015 91883 40220 77962 77479 06538 21532 31667 16391
26369 13769 91739 78655 84619 26664 99488 09081 71608 18240
52143 04329 98256 56161 28330 34076 70639 34254 89439 41570
61512 73891 05297 65766 89750 64928 77600 52236 43630 25879
59540 45028 08905 88015 95049 76680 87590 33083 26126 98558
18426 39311 41650 18716 34916 15419 66152 39462 21923 27293
11951 11823 56724 47029 43114 49086 45475 79026 24674 66614
91033 42814 55525 40110 53054 17311 08464 99540 86318 76196
25780 00876 68212 69077 43870 42859 51312 28150 45274 20978
02004 05036 61600 35835 11065 67474 75769 98096 87171 10578
97003 97211 69242 62314 07014 26087 18573 87920 00817 78913
76688 22933 70607 64312 99861 89508 06155 01014 06224 75741
10118 88231 96414 82657 51756 67940 33702 68564 07449 21232
94513 45459 61471 65940 25316 07170 65458 47722 66776 93925
80006 41788 31151 23039 46826 07459 43832 40387 64916 62747
84989 72388 69166 71141 92254 83143 34846 57784 10367 66449
56402 97240 98740 27360 74021 40025 32874 32985 46374 70090
60542 37217 92993 10467 98715 09068 54716 19220 82140 19310
45632 42942 99510 65100 94967 19940 78181 37292 02362 50326
03351 60091 54940 75182 82652 57781 79661 32001 92100 28175
29338 78580 64312 27500 25802 02564 04958 96390 08623 58810
48370 81682 62839 01788 88253 33700 24130 94417 00000

Link 40133

15928/13396/11143 kHz, 01-09, 2100/2110/2120 UTC

11166 40133 15987 01038 00049 00000 00000 00000 00000

15928/13396/11143 kHz, 08-09, 2100/2110/2120 UTC

11166 40133 31254 08001 00049 00000 00000 00000 00000

15928/13396/11143 kHz, 15-09, 2100/2110/2120 UTC

11166 40133 13579 15001 00049 00000 00000 00000 00000

15928/13396/11143 kHz, 22-09, 2100/2110/2120 UTC

11166 40133 84765 22038 00049 00000 00000 00000 00000

15928/13396/11143 kHz, 29-09, 2100/2110/2120 UTC
11166 40133 35791 29038 00049 00000 00000 00000 00000

Link 50046

14978/13370/11019 kHz, 01-09/02-09, 1100/1110/1120 UTC

11166 50046 92465 31053 01069
11367 11189 15224 34085 58739 04309 68689 54737 97833 00377
63317 67760 01980 53836 49461 41507 28175 97778 89703 95711
20662 36132 74642 53703 50390 74528 89028 66567 30633 31970
93714 61016 97603 41718 76336 56907 25945 06677 23388 31285
63403 52108 97241 83470 32897 55151 39721 36129 42348 15578
17867 08196 21917 10917 96596 91836 99313 34893 13079 44333
85224 24716 46170 40648 10104 79557 58228 99810 97538 07414
56453 68676 28008 18916 30006 04698 34518 42730 17871 77105
12963 09851 31238 05928 90571 77642 82776 41076 74913 62600
49960 34049 07041 67220 90333 92577 51516 84021 38666 07653
02995 65556 83341 09737 53104 00000

14978/13370/11019 kHz, 08-09/09-09, 1100/1110/1120 UTC

11166 50046 32510 07054 00469
11147 21155 16224 34085 58519 14375 69689 54737 97613 10343
64317 67760 12942 82211 68489 72457 27201 58154 14419 25760
77808 84417 64535 43840 15651 76419 07279 54259 44098 14216
89943 94804 24198 56054 54795 35690 24549 71990 18042 55599
00859 37036 08962 26643 54044 00000

14978/13370/11019 kHz, 15-09/16-09, 1100/1110/1120 UTC

11166 50046 36987 14055 00689
63346 70564 14195 46320 00718 63784 67550 66072 49812 69752
62288 79005 07274 05720 30821 12832 06216 64227 56370 43607
76656 55292 90671 74947 45060 92893 66604 61389 66765 19342
62252 20688 63698 19482 23036 15052 42312 06280 88892 06708
68546 56400 89424 03425 06434 89219 58446 53989 15248 11088
57446 54379 08270 48903 19083 20520 11187 19806 85710 99588
35665 38586 17937 44703 62193 84891 55066 00000

14978/13370/11019 kHz, 22-09/23-09/29-09/30-09, 1100/1110/1120 UTC

11166 50046 29573 21056 00729
23127 91179 16224 34085 60599 84399 69689 54737 09693 80367
64317 67760 53637 45049 76355 05056 85692 85556 99825 40102
96530 04679 26307 21087 49103 61540 40381 16238 85430 18915
31979 88020 74656 48267 67054 56574 66751 71417 48960 82074
07209 93604 05461 17827 22368 14010 54741 61511 70764 60102
34198 43636 34705 20566 29088 32925 10439 82808 86554 62551
29957 11498 52064 02476 52396 49978 57298 50733 13386 38875
56070 00000

Link 70004

16341/14706/12217 kHz, 08-09/09-09, 0900/0910/0920 UTC

11166 70004 15736 07011 00799
67069 55742 86400 20543 29777 12589 90718 59447 95809 99109
02200 85541 23361 92747 07006 34943 00631 38961 27404 50368
84181 47271 02790 87807 71260 46277 72147 67805 23952 94945
75840 20459 52074 70303 08232 42726 59361 16192 28209 97333
29047 09867 00108 66895 20520 77756 63269 45117 11465 63496
43262 88744 13139 01593 30362 33014 47826 68051 47359 23603
82902 21412 29090 37050 31243 25884 53767 48556 79468 75934
53283 64985 22766 49432 45017 50010 76840 11077 00000

16341/14706/12217 kHz, 22-09/23-09, 0900/0910/0920 UTC

11166 70004 15736 07011 00799
67069 55742 86400 20543 29777 12589 90718 59447 95809 99109
02200 85541 23361 92747 07006 34943 00631 38961 27404 50368
84181 47271 02790 87807 71260 46277 72147 67805 23952 94945
75840 20459 52074 70303 08232 42726 59361 16192 28209 97333
29047 09867 00108 66895 20520 77756 63269 45117 11465 63496
43262 88744 13139 01593 30362 33014 47826 68051 47359 23603
82902 21412 29090 37050 31243 25884 53767 48556 79468 75934
53283 64985 22766 49432 45017 50010 76840 11077 00000

Link 70048

16023/14378/12158 kHz, 05-09, 0800/0810/0820 UTC

11166 70048 31648 05082 00049 00000 00000 00000 00000

16023/14378/12158 kHz, 19-09, 0800/0810/0820 UTC

11166 70048 16432 19034 00049 00000 00000 00000 00000

16023/14378/12158 kHz, 26-09, 0800/0810/0820 UTC

11166 70048 94381 26080 00049 00000 00000 00000 00000

Link 70059

9437/7923/6776 kHz, 03-09, 0400/0410/0420 UTC

11166 70059 18344 03020 00049 00000 00000 00000 00000

9437/7923/6776 kHz, 17-09, 0400/0410/0420 UTC

11166 70059 31254 17001 00049 00000 00000 00000 00000

Link 70082

??/17476/16115 kHz, 06-09/07-09, 1100/1110/1120 UTC

Serial #11, 187 groups

11166 70082 63924 06011 01899
64243 74076 56518 63031 06971 06858 48313 12679 31722 99229
32417 28094 07114 74770 22496 95630 87423 75833 38555 13292
35464 38338 06102 88496 97003 17066 80982 08680 25942 07374
44950 15181 24970 54587 52579 30479 79649 23924 33309 45677
69876 78615 83965 69227 84945 52560 20234 30949 08876 49422
24982 55998 06959 56215 96227 94602 60888 32374 36392 89989
26842 05350 67496 59941 04920 21030 20434 87990 29908 97438
62190 82925 74152 15665 37965 80337 36259 78181 18031 79729
81800 49861 05165 56405 42718 51032 81014 91029 09843 59707
06143 47002 28204 62842 20411 05414 01120 57181 08529 86670
97778 40367 87683 12696 26714 22455 15106 72861 14550 33013
84319 84019 67263 20481 98020 58133 19424 98998 77092 69061
63130 09078 18108 04911 65766 07263 26317 50238 93656 42886
26355 69500 52421 53726 34665 16244 70231 91999 95646 45523
58439 27772 97600 70986 18311 26553 15513 44708 55301 34438
42326 62533 74892 28664 00242 79857 89162 42791 22187 69355
04219 96408 95335 89600 30920 02272 71083 84250 67682 94055
45603 41960 78798 55148 09046 12893 51284 82046 05570 70014
82296 62103 29916 99641 59348 10415 53291 11187 00000

13365 /11408/9324 kHz, 01-09/02-09, 0800/0810/0820 UTC

11166 70147 35741 24088 01529
 85795 23100 90688 58128 61361 03987 83480 94306 77155 97318
 88744 84902 42867 28001 58562 56960 45810 55415 69634 35575
 88110 65775 21679 90952 29418 59919 95013 47804 91310 21436
 17186 70073 83217 88218 97437 93872 53983 85419 66890 90220
 48387 63643 22838 49873 91349 49301 25931 94573 13206 98844
 08594 53861 58958 39205 31136 00306 37542 49299 85774 95685
 76105 97623 27582 60702 90966 93353 47491 72433 01726 69293
 93293 74103 54878 69577 16682 38496 01472 03945 96049 17798
 79460 40877 56518 17239 36191 06574 07789 36851 01671 70608
 45213 35814 95098 06939 31781 42259 03195 14823 42230 03909
 10206 97796 02270 73499 32810 58608 72836 06116 51847 09005
 10102 37910 81288 28648 48348 89832 06724 14515 94526 92842
 58798 39992 91542 40276 01323 51551 99670 85971 91887 71747
 57902 72826 36052 18721 58926 72172 49447 92014 12030 57405
 01142 69838 11577 58781 44065 47455 38068 26712 32256 53474
 88150 00000

13365 /11408/9324 kHz, 08-09/09-09, 0800/0810/0820 UTC

11166 70147 50128 07089 00669
 42585 53183 91688 58128 28151 33960 84480 94306 34945 27391
 89744 84902 27677 13842 30817 23882 35266 53910 09409 65118
 59907 08170 54824 06870 29911 58996 09499 84489 05794 02020
 92223 59056 35506 63487 19357 20165 15131 53519 73735 26588
 26569 35701 33392 24914 36610 52256 86982 69823 38241 64843
 23141 90178 07918 32244 12567 00845 40642 21727 53020 88771
 08592 82914 66983 96007 89064 00000

13365 /11408/9324 kHz, 22-09/23-09, 0800/0810/0820 UTC

11166 70147 38941 21090 00649
 45615 23107 91688 58128 21281 03984 84480 94306 37075 97315
 89744 84902 60432 30394 21655 35621 65617 90632 41761 38945
 12023 39295 76412 92242 11164 29399 06514 25845 69892 43384
 86547 39704 70020 73530 24327 91812 62402 60020 92543 93392
 23905 01731 65806 03733 56674 56062 51269 37687 92667 98886
 61429 75181 92821 08241 29625 14228 04960 18345 55416 37391
 05706 36111 90062 00000

Another revival is link 70213 that used to send on the 1st & 3rd Wednesday at 0230/0240/0250z, but haven't heard it there since February 2016. It was active today using its past schedule. That sked sent nulls all the time, and I have only monitored it from July 2015. I have a log of "11166 70213 45187 03004 01849" from 2013-09-18. Not sure if there is any continuity with it there. Nothing in March on full day waterfall display on the Twente web sdr this time. (Danix)

11084/9056/7848 kHz, 05-09/06-09, 0530/0540/0550 UTC

11166 70213 82476 03005 02179
 80909 80499 59856 51540 83490 78694 68436 74921 13251 92743
 15560 45323 86158 86553 61255 25715 93917 77350 22549 79635
 54156 12674 86908 60437 01577 48304 27401 11853 19529 08404
 50672 74923 95300 46339 51954 37829 61840 51299 46901 01974
 12263 97005 90267 04005 74079 35034 47038 36877 11525 69463
 11584 89561 93073 25828 31983 93437 88472 44448 79337 02107
 33974 91931 52822 30345 07148 81092 60235 04421 79416 97421
 36998 09472 54868 53209 64689 68311 12730 45987 63761 87471
 85889 83375 73788 92767 73033 73266 75758 62816 28329 75525
 04053 51782 90531 94679 61962 00796 27964 21304 67003 09507

95098 43144 51445 70326 03275 09951 03246 23214 02735 72119
92858 48029 01322 35223 51364 18713 04130 66833 85636 99652
69223 05661 34898 96685 86824 31499 48677 26853 32161 19230
53327 64126 93898 56121 83072 39376 39910 51072 47926 27647
33788 64608 15743 47288 07620 10888 48801 44353 57860 00026
05230 11074 13958 08812 40213 67279 14377 13907 20030 72424
02812 60758 87560 25542 19894 63617 77587 28700 93538 01754
94544 94976 95127 23454 03758 33261 30346 75243 77103 99543
40595 81147 39159 54702 64271 14777 88013 93015 06967 93690
63192 42114 93074 64688 85035 88300 54128 13618 47348 18634
22812 11233 82464 43033 18504 96939 00172 75693 33207 64526
58529 49920 21154 47654 65910 05215 00000

11084/9056/7848 kHz, 06-09/07-09, 0230/0240/0250 UTC

Serial #6, 176 groups

11166 70213 23195 05006 01789
47083 13938 08668 87162 40636 40928 63150 78441 53141 85675
74316 27175 36345 79276 70241 00797 49444 34832 38584 85846
11862 86812 53379 68399 88689 07016 71433 88638 40105 18000
03369 42544 67803 78544 02088 52030 10159 09811 88704 87252
35469 87568 95096 84003 65101 79198 05556 77452 24240 28965
82749 85532 01261 73063 74908 17447 29167 50351 58830 89019
51508 72322 75364 83870 55967 96190 75973 63771 37105 96761
67322 33882 37140 74887 41377 41642 39734 00515 54950 01568
61935 24876 94139 27446 95172 42362 02929 81696 98710 58627
25769 28835 25240 02850 37855 21995 45290 38958 13336 13276
58188 24449 63473 97417 92660 97717 31236 55307 52173 56388
34702 34492 45792 20168 83237 75467 98760 22793 66706 40108
55598 84962 16545 31536 17688 77471 39302 76980 50593 45020
87839 11070 17597 66143 91585 52118 87827 40823 64373 49822
04719 39225 36241 78434 41031 11596 25960 18579 00038 53603
92629 10148 88608 54090 75232 92774 97314 33266 67568 16137
65367 60050 01466 72806 64434 60417 22850 26487 93029 81470
93817 88287 65737 36164 23316 23960 06176 00000

Link 80214

15709/13541/10529 kHz, 06-09, 1330/1340/1350 UTC

11166 80214 15639 06059 00049 00000 00000.

15709/13541/10529 kHz, 20-09, 1330/1340/1350 UTC

11166 80214 98456 20011 00049 00000 00000 00000 00000

15709/13541/10529 kHz, 27-09, 1330/1340/1350 UTC

11166 80214 12345 27069 00049 00000 00000 00000 00000

Link 90017

15816/13383/11017 kHz, 05-09/06-09, 1520/1530/1540 UTC

11166 90017 82915 05004 01899
11898 90039 22871 49663 55651 72325 42679 60673 78298 89539
77151 94675 29770 66020 50420 71204 50222 91680 99294 49931
90355 07056 86862 93766 33940 88619 52064 95359 81625 35119
53548 02744 20751 32999 22592 35242 93910 84483 80719 92060
19613 59233 07272 80277 66214 56172 87155 52783 88856 06293
33680 62792 41838 70215 23262 22857 36768 94149 81107 11533
49409 29939 19328 09463 46212 41035 56069 59806 44948 41526
31482 76753 99277 52920 99801 05265 89966 52996 32804 35237
94704 10925 49396 69260 58400 85562 97322 81924 66966 19820
85960 29388 16643 45928 50012 26996 22726 64172 12936 54773
41996 73902 46595 77372 70823 91460 09894 32856 95266 24541

81431 40704 59703 18917 66973 19306 44959 33716 05555 63975
26306 24351 12636 84454 31766 23376 92604 61650 23332 71370
08238 72293 49392 16639 67749 97026 93857 87008 83179 30160
56008 05188 42924 39507 11026 47160 85861 40343 72091 00541
33024 70945 18945 19701 47672 46872 85270 58127 63615 79238
25318 18854 13763 65821 14378 21882 95779 87169 50870 85233
85768 96700 44727 65654 02506 11770 69523 70082 08145 37732
56684 58508 89903 28597 00188 45302 78058 04187 00000

F06a – FSK 200/1000 inverted ASCII

F06a conversion manual: see Appendix I or <http://www.numbersoddities.nl/F06a%20conversion.pdf>

10234/9414/7933 kHz, 03-09, 1550/1600/1610 UTC

File 001250.TLG (1550 bytes, Windows line endings) containing the following text message:

11100 30132 54698 03001 02509
39804 80835 52283 11233 90725 17885 57077 69554 37186 39976
94113 75810 14763 63932 17208 22597 78989 05192 67393 09288
72806 83805 46666 29531 57783 49289 85971 29928 01291 85251
12121 63357 36823 79752 43315 85346 39655 72314 67970 66960
85008 13542 86536 22626 80937 98262 20985 76340 93096 58153
21665 14687 03604 24768 26208 00115 71161 98918 50171 42903
84639 87337 14105 55256 27306 92565 36739 35968 93881 66994
48960 59085 27622 67015 08289 65014 69604 68200 18525 77510
37404 27446 84254 94977 75359 03044 54918 29525 43605 68588
38103 92216 38058 81667 86774 47945 58553 93285 90109 88379
67307 08942 22641 96405 04907 37301 31380 00522 55996 87405
65625 42599 81869 00363 79124 07471 62134 26435 59297 87766
12653 83479 63183 82445 71934 57679 64834 52447 73179 32488
43797 81923 44149 56740 69420 18462 02054 87860 60631 90756
35657 71100 25897 27160 91764 40759 13050 23541 08301 54302
23658 33911 61152 95339 71640 82229 16969 06379 90799 18847
09114 37307 20982 70005 78935 20534 27520 53852 49570 08723
33677 61391 24444 36070 70764 25810 27673 89051 75618 28626
28544 97571 90128 16090 17265 82475 42513 24273 24176 20331
15003 36292 99594 11443 27658 20093 96508 62027 92971 20243
23274 16476 20965 02160 58526 00662 79463 72228 45490 62220
39229 22225 07861 18732 58648 71497 54466 49758 87655 05340
64879 93663 95584 32995 73175 35156 52632 13719 92022 94491
19621 24358 44295 54271 25754 66857 94386 84784 39041 39158
96424 53808 59094 17900 01562 31832 86966 26392 91542

10234/9414/7933 kHz, 04-09, 1550/1600/1610 UTC

File 003261.TLG containing the following message

(download the file: <http://www.numbersoddities.nl/003261.TLG>)

11100 30132 84652 04003 02619
55088 65444 66761 93216 10808 80153 32873 46666 92807 65367
42356 47764 49829 23664 77405 29051 27362 71424 39643 72135
76008 49431 46808 09937 56434 16359 44013 01679 08088 61125
09226 79072 73877 95025 57684 87132 97992 09587 74923 68056
39056 11080 33099 61611 65796 67637 70309 20457 27428 29899
37577 63853 15926 11132 43211 18179 62382 37763 49207 17709
34629 06261 99394 64079 28325 07292 84001 67884 68680 03112
70340 20837 65015 69112 54291 71935 85342 35466 12269 06069
43151 89800 58375 48505 13583 26858 36408 43694 21203 56053
01420 81821 66526 02882 70522 71557 83505 65119 47605 82434
45171 09739 51683 05291 59588 21484 03526 04214 23349 39050
50293 58432 24762 39791 32836 17584 13937 58904 25362 18796
81957 54027 02154 39024 16315 51170 11024 81083 24809 32952
58201 16805 45081 55043 34318 35759 81991 01776 36211 72983

40008 16854 64205 14157 42806 70090 99570 01643 57259 46125
91847 89857 64016 66048 10721 23387 41845 77872 42129 36299
57934 76791 33305 96081 81337 41160 16427 40648 61753 95132
65567 81847 40825 33906 66638 73913 88140 72485 05002 70299
79134 03938 00454 17317 57067 78042 44249 58042 46279 36296
17877 44906 08895 64203 98247 84412 62179 46788 79003 62426
98716 38261 62628 23468 76618 81794 03040 02437 71934 40323
03366 32231 10457 24322 98577 75672 21105 27497 77677 55184
78089 06312 25121 78669 24018 64317 86169 85006 91159 27189
85854 57625 63033 19429 56237 79570 43518 78670 51668 28522
25670 68511 56710 35182 77435 75820 16434 53487 86441 03462
43757 16071 31063 94352 83526 73416 69939 47824 38027 40139

16245/14689/12197 kHz, 05-09, 1100/1110/1120 UTC

File 02-266 containing the following message:

11100 90215 68710 05002 02679
87748 67378 56404 75380 61797 88013 96987 92584 55471 75786
38642 43616 68464 50142 58452 88188 45807 43533 30176 27597
31448 38082 51320 58812 32484 55469 36315 59142 36213 10978
30502 74899 47220 67642 24604 12507 36659 51420 74373 55485
20933 13354 55101 55754 11961 49622 05680 72688 06203 15461
41900 58367 04655 93848 43679 12451 80979 04932 45899 55120
39973 67098 87544 91529 33550 45654 98829 66190 26432 50033
31008 30742 28741 65482 58528 73533 37664 30154 08264 84458
55389 93547 95459 53491 75506 17237 71116 26339 55043 03815
10488 65668 14338 65007 97373 91331 31930 64878 83904 98039
26662 99072 30501 73909 44166 96026 55698 68326 89945 51100
50518 82568 76215 29541 37082 81608 74703 99248 76147 50563
92600 79251 53261 44191 13834 14847 98209 02907 72867 15342
17461 33726 53205 15324 44277 79603 27792 45406 36199 25573
83491 23386 74569 15150 96842 01748 45809 75422 53260 32451
09103 74271 26893 34942 80212 58159 63304 78326 86085 43918
32179 13635 69946 62982 42231 17135 51572 81502 35513 30599
72429 44770 03300 09500 80356 19398 90745 15040 33493 31696
82501 10973 28124 25673 86471 51148 80149 89101 57901 68712
14847 21092 30995 02908 44620 39606 50222 24414 39434 52350
18540 45148 19602 39481 04679 23491 25631 21570 76710 00849
44799 11260 54066 30504 99165 72042 95200 84692 24690 32612
63093 50837 96149 30218 35758 52876 77553 81456 53973 58634
02724 03950 23392 59159 15743 37330 13253 30973 25956 36986
18837 17170 57206 39002 79903 88297 95995 19714 72259 68962
68265 98346 14658 41095 99465 56145 58225 59816 37632 70454
50589 42831 44114 87167 91904 19299

10234/9414/7933 kHz, 05-09, 1550/1600/1610 UTC.

File 005260.TLG containing the following message:

11100 30132 59632 05005 02609
93050 09900 54463 44905 90457 85925 31807 78947 03441 95455
56325 54909 95301 41096 46577 68290 32091 70853 06354 31771
20841 13026 17836 34753 76010 52193 40320 30728 25097 01011
87949 19672 89342 47499 84876 17643 00476 82499 21316 30773
39423 36997 58912 75842 07940 83995 58851 14628 69077 84630
31179 94199 17445 83204 28734 10371 65185 80841 34156 36473
54617 42434 13396 84655 33476 16589 34165 91889 53682 73239
72766 47868 79590 88625 57739 06985 16644 32325 23762 51586
96379 36019 74240 98682 78716 48690 76030 67293 57465 07926
34725 48637 80002 82029 23944 46333 17040 62615 67064 78815
43424 12381 94836 61130 15923 97742 27308 08334 58902 61023
53503 27641 93867 11873 07302 91545 73782 42625 62935 09072
08112 97253 98557 37374 89521 48643 01318 00837 58185 63838
12370 09901 64612 61972 35269 96767 16964 94560 56178 10200

23765 02841 49332 36578 67974 31857 66190 39426 73335 05963
31721 34573 48948 95441 96247 43150 23006 28932 16307 89607
01627 31328 62940 36940 13718 91873 80866 76301 27818 92102
46976 13206 51845 48343 01570 17497 51695 48450 50798 29277
49627 87471 63723 37973 88361 31923 12451 76743 71850 67366
28763 99401 18643 08971 75697 32042 88775 79759 57497 16565
70152 86208 16388 88285 35317 45905 89597 54809 04590 46941
25076 68359 76474 43730 79339 08761 11300 18940 45884 19247
79010 66228 87598 62287 07071 73462 71624 87623 89382 11115
30090 29704 42197 55526 95163 76688 17920 01717 81860 78238
12778 45435 17039 84249 29256 39131 38031 31740 79273 51549
09330 22064 39006 85614 30791 55644 91313 34312 35769

14370 kHz, 06-09, 0530 UTC

File 01-297 containing the following message:

11100 70213 16874 06001 02989
73319 09903 24746 57555 34323 05521 42080 71589 97077 61029
22328 56588 91928 39937 17009 _____ 71263 72230
13058 00597 97512 14270 64236 96445 51838 37750 23226 10971
80461 51392 96702 67866 28401 87981 62039 96247 27529 13389
56183 93821 06204 43509 04099 87821 87681 05050 66438 92132
69480 01096 11144 84037 00884 67404 38660 49040 00787 30360
15450 67181 83054 02521 95496 39311 81588 76708 34483 76722
92286 04564 26329 02615 74092 70516 16792 38806 76301 97098
73788 76135 84335 42553 19160 51997 01159 76647 51534 83439
06521 45666 15002 29270 61224 62489 93273 79594 48601 82708
34014 96249 70374 52720 33040 52535 39117 40720 33071 45711
34461 86555 16713 80680 15282 31355 98374 48310 05018 12884
44791 46802 92318 37562 78852 19586 14227 65073 46417 08140
14046 66516 50806 43197 91125 42025 84653 22769 84711 08798
13813 50417 59071 95477 93000 32221 82081 03818 17866 55873
14448 23564 43173 00345 51772 11505 21783 49543 86627 70613
44125 08429 82843 90229 82846 44993 79186 33208 72319 06566
64624 80985 77706 83870 92358 72486 33255 21271 24809 97820
54528 96648 26753 32699 54238 19348 48785 24513 16390 19619
68309 66011 08406 28009 80224 17507 35931 68128 54514 63562
70000 11237 02917 15085 01253 66077 21858 92764 00892 02409
03855 52803 93063 31659 34547 40861 68353 93155 17574 85168
93079 19351 94464 64731 94080 78488 51734 13571 23672 18159
32382 46942 34471 58158 93958 20458 18767 06109 80419 58057
92139 94273 99917 09770 25991 60989 25758 25188 58700 25174
62666 53615 40074 27340 45597 06800 88785 35540 63229 45206
67493 39700 23371 73765 05318 82764 02437 58030 22374 02097
46203 96673 36038 79569 14012 11286 53639 23787 83624 39378
81273 32870 58905 41560 03405 11250 47526 58806 12966 38897
00880 80760 96629 16432 33378 11013 04943

10234/9414/7933 kHz, 06-09, 1550/1600/1610 UTC.

File 007251.TLG, 1556 bytes containing the following message:

11100 30132 86423 06007 02519
42459 84345 66546 18756 97677 65854 20608 18838 32799 44218
72212 05769 61901 11484 64870 88482 61563 85091 33507 55257
16416 79376 80728 48784 63224 69745 16463 58125 19449 79222
09415 69762 07216 42040 23787 44906 08629 23968 39675 15268
13373 04072 80607 14474 44538 47582 96639 87313 73604 24567
76460 44005 60521 54088 86936 51667 79825 78535 63535 80189
18735 97829 00065 44680 58139 18164 11166 11690 72456 94998
66004 61380 09261 74966 16575 22855 34639 66406 69089 24803
55204 93183 71860 28678 52711 11510 18124 36576 92204 94430
87246 91009 89637 13682 72745 08763 49904 73594 70566 16019
11219 76736 26046 76940 56779 25983 63011 32901 79651 92700

43439 94540 11819 05726 31121 53844 53326 40840 57774 08432
62456 15417 15025 15234 92887 17931 20708 15758 88748 27021
32932 00118 73536 99784 10317 02024 93805 34013 41879 41917
03587 34020 94968 60431 00468 34786 54718 09385 49267 64086
53435 92464 54242 47292 13362 72818 65776 84538 51264 89724
32473 54943 18270 51522 34592 27560 73394 97017 59780 83761
14200 42515 07019 80734 13021 56692 29733 10775 32191 30491
53998 36072 16714 34219 32783 03668 87812 79036 22161 70280
85789 25035 90440 91677 35652 03083 96131 56289 33918 42623
95707 67744 80059 22623 67084 06025 01002 87850 59758 21911
42139 97670 07548 44430 23284 99553 64863 05966 82992 44470
52457 14742 59719 86376 23575 29349 83207 32960 86462 15013
74591 39853 44154 86292 78605 65481 37482 65883 76379 28748
02250 14227 52227 36740 76503 09608 12877 74636 18832 83423

16287/14382/12194 kHz, 06-09, 1115/1125/1135 UTC

File 02-262 (no extension), 1639 bytes containing the following message:

11100 70213 96871 06002 02639
05669 96331 21830 00328 23153 90540 26731 93606 30980 24638
10997 78658 48976 48901 56755 94806 92184 05714 86745 84829
94887 43407 02256 28379 96433 39170 66462 02448 62327 98244
69123 48576 39014 21569 33555 51481 65777 59065 51828 58803
92224 90765 59131 96652 74755 02950 83224 60640 50487 51492
29933 87091 12055 29612 90607 34116 31718 82190 82508 27232
08241 33869 58016 49229 34942 23102 43650 78958 12391 59347
94789 08728 54159 45601 77069 95008 59084 33441 10368 22124
48467 02783 36328 83616 91650 83529 95352 10976 68420 61299
24015 04418 41653 34432 08807 45405 38656 14443 57182 95590
64639 87124 71812 11874 96753 76483 39017 32259 32128 78693
67273 12205 88356 58256 36778 16141 79854 23555 45970 93859
18539 23994 65970 96444 12260 35907 38866 11456 59420 29418
80778 22019 63234 33450 75659 19547 14037 41068 70743 24751
13112 22338 09593 96641 36454 36893 63693 34213 61908 63396
48502 00478 08136 88084 34925 23565 58817 19581 92125 54547
70564 22165 22631 86699 87948 84688 75653 65867 14103 67320
49579 46640 10324 93316 19542 74006 23117 77988 51045 95192
62117 12076 85554 31357 77335 41694 08991 63841 09147 12053
39081 14657 09477 67135 92491 25898 57618 22517 17682 67765
19108 53520 04419 29898 21116 65884 05895 75684 42767 41149
34370 64254 43847 73926 16295 69834 80325 43257 17845 53151
80129 85234 76792 64576 77610 59092 01678 83693 30140 23926
24192 24984 65270 68257 15720 64306 31901 59610 03994 65870
53888 06296 50763 14383 09526 48594 76452 82059 85354 21521
42722 85182 77710 56349 28879 09908 40481 13110 63068 11980
02475 61217

16345/14689/12197 kHz, 05/09, 1100/1110/1120 UTC

File received 02-266 (no extension), 1663 bytes containing the following message:

11100 90215 68710 05002 02679
87748 67378 56404 75380 61797 88013 96987 92584 55471 75786
38642 43616 68464 50142 58452 88188 45807 43533 30176 27597
31448 38082 51320 58812 32484 55469 36315 59142 36213 10978
30502 74899 47220 67642 24604 12507 36659 51420 74373 55485
20933 13354 55101 55754 11961 49622 05680 72688 06203 15461
41900 58367 04655 93848 43679 12451 80979 04932 45899 55120
39973 67098 87544 91529 33550 45654 98829 66190 26432 50033
31008 30742 28741 65482 58528 73533 37664 30154 08264 84458
55389 93547 95459 53491 75506 17237 71116 26339 55043 03815
10488 65668 14338 65007 97373 91331 31930 64878 83904 98039
26662 99072 30501 73909 44166 96026 55698 68326 89945 51100
50518 82568 76215 29541 37082 81608 74703 99248 76147 50563

92600 79251 53261 44191 13834 14847 98209 02907 72867 15342
17461 33726 53205 15324 44277 79603 27792 45406 36199 25573
83491 23386 74569 15150 96842 01748 45809 75422 53260 32451
09103 74271 26893 34942 80212 58159 63304 78326 86085 43918
32179 13635 69946 62982 42231 17135 51572 81502 35513 30599
72429 44770 03300 09500 80356 19398 90745 15040 33493 31696
82501 10973 28124 25673 86471 51148 80149 89101 57901 68712
14847 21092 30995 02908 44620 39606 50222 24414 39434 52350
18540 45148 19602 39481 04679 23491 25631 21570 76710 00849
44799 11260 54066 30504 99165 72042 95200 84692 24690 32612
63093 50837 96149 30218 35758 52876 77553 81456 53973 58634
02724 03950 23392 59159 15743 37330 13253 30973 25956 36986
18837 17170 57206 39002 79903 88297 95995 19714 72259 68962
68265 98346 14658 41095 99465 56145 58225 59816 37632 70454
50589 42831 44114 87167 91904 19299

16176/14388/12165 kHz, 06-09, 1750/1800/1810 UTC

File received 004271.TLG, 1678 bytes containing the following message:

11100 90051 64318 06004 02719
19741 30959 97829 77212 79964 51370 63837 64427 88955 95951
60161 89603 14920 37835 87981 11242 88437 95223 39850 74798
25233 64003 56501 65456 33812 74670 05233 68812 62650 47013
47071 75415 66612 40983 84879 90085 97308 27200 09617 31953
47054 25516 86932 36168 01135 85091 51271 93192 78060 04406
99692 86645 62492 14650 02585 15603 60534 74937 73453 12322
32077 52763 64989 91304 79879 88162 83587 90648 00073 64988
39509 91622 23780 37765 74883 27401 04541 87540 36718 16893
31217 05181 87129 84612 71077 25540 67954 52515 72746 60959
61954 14752 83703 07501 17780 31260 62021 22388 30905 01154
87022 96071 97690 01821 98563 67356 84792 04697 19608 55035
81079 03620 41791 04470 24269 16735 78661 72541 19446 47862
16287 99422 91669 18278 15907 40605 39854 04843 48327 57612
84096 45417 64738 90847 23652 97497 33649 63006 47752 61011
98618 86487 66423 01213 36479 73258 53530 32610 20732 70582
19203 49872 19806 71079 53848 16637 84874 70524 10937 48171
06901 71851 20735 48818 47611 58777 52195 90164 74091 87495
65165 40865 51669 69874 20129 84072 74791 46591 37645 83397
40585 73655 24684 83338 94765 70738 10050 55129 04609 04763
56063 23930 38657 07181 38711 38298 57848 48382 13434 67894
47761 17669 08748 40338 46666 82233 14889 53165 49050 23578
59657 21819 89333 74814 88661 49615 35441 07277 92146 30619
46924 39893 45584 21363 77324 69742 56224 42358 25464 47249
32796 95323 65339 44431 20530 07075 09330 89666 68709 36016
84387 67390 22925 02160 25899 06176 59219 26621 18919 03630
02325 91530 41445 61545 95159 56279 89444 29739 11789 91065
88288 82024 31022 13651 20318 72750 12852 40282 23194 47337

X06 - Mazielka

X06 12150 19-7 0638 i.p. sequence: 256341

X06 11438 3-9 1547 Sequence: 532614

X06 12138 5-9 0824 Sequence: 362154

X06 16276 6-9 0812 Sequence: 314265

X06 11537 10-9 0817 Sequence: 421635

X06 12224 10-9 0929 Sequence: 463125

X06 15878 12-9 1038 Sequence: 621543

Was incorrect 134265 from 1038 UTC to 1042 UTC. Two brief interruptions at 1043 UTC

X06 18660 12-9 1045 Sequence: 621543 Interrupted at 1048-1050 UTC

X06 11095 28-9 0534 Sequence: 216435

X06b	14663	7-9	1740	Sequence: 111666 before XPA2
X06b	16167	7-9	1743	Sequence: 111666 before XPA2
X06b	14663	7-9	1808	Sequence: 111666 before XPA2
X06b	16167	7-9	1809	Sequence: 111666 before XPA2
X06b	14663	7-9	1811	Sequence: 111666 before XPA2
X06b	16167	7-9	1812	Sequence: 111666 before XPA2
X06b	14663	7-9	1816	Sequence: 111666 before XPA2
X06b	16167	7-9	1817	Sequence: 111666 before XPA2
X06b	14663	14-9	1759	Sequence: 111666 before XPA2
X06b	16167	14-9	1800	Sequence: 111666 before XPA2
X06b	14663	14-9	1802	Sequence: 111666 before XPA2
X06b	16167	14-9	1803	Sequence: 111666 before XPA2
X06b	14663	22-9	1809	Sequence: 111666 before XPA2
X06b	14538	30-9	1658	Sequence: 111666 before XPA2
X06b	12138	30-9	1700	Sequence: 111666 before XPA2

XPA

10359/11559/13559 kHz, 03-09, 0600/0620/0640 UTC

355 355 355 000
07372 00001 00000 33666

10359/11559/13559 kHz, 05-09, 0600/0620/0640 UTC

355 355 355 000
01665 00001 00000 36657

10359/11559/13559 kHz, 10-09/12-09, 0600/0620/0640 UTC

355 355 355 1 355 355 355 1 355 355 355 1
00335 00115 40899 66108 50526 41044 45226 84791 16774 77221
10469 45496 56478 06626 14915 57639 11208 99757 87511 78774
30240 80614 26569 72368 51391 42824 70019 09196 44463 18528
37027 30106 81023 37685 09158 71606 12259 16355 17323 10079
99401 38028 62081 13063 45323 95425 76041 60344 74222 49958
71796 80832 55006 63735 12357 65082 58906 05405 67792 04223
95847 76082 45497 05411 91568 80083 04947 15251 86072 01605
38721 84736 80904 10853 92553 49781 44726 09709 87503 65691
41154 65020 83446 20956 00935 42132 40720 66779 62809 32534
62002 98327 13560 45264 62167 20596 86769 44247 60471 84508
86047 12678 81402 20488 37964 31668 97956 29172 46576 61734
65755 21137 68944 47562 84053 03824 85285 46711

10359/11559/13559 kHz, 17-09, 0600/0620/0640 UTC

355 355 355 000
02877 00001 00000 40661

10359/11559/13559 kHz, 19-09, 0600/0620/0640 UTC

355 355 355 000
05881 00001 00000 35665

10359/11559/13559 kHz, 24-09/26-09, 0600/0620/0640 UTC

355 355 355 1 355 355 355 1 355 355 355 1
00446 00129 29994 97330 04376 74111 84358 49967 79700 78369
75156 33899 78090 60592 09753 61251 84883 84665 59042 41376
71141 95698 13852 22907 06618 70458 53947 69739 09147 19941
85507 09448 98754 46288 99751 57582 78515 30115 74947 79774
40756 20275 51752 71476 59078 40657 21997 50716 63049 61447
10181 48474 41986 58820 93042 80798 87454 60032 39015 18764
38974 78637 06597 28885 58382 61646 25896 15081 25357 25423
52828 61690 26464 47103 59091 02935 66495 92061 83219 63252
81948 30893 00906 52640 13574 27790 05299 32567 00850 34629
60028 21498 87328 73751 10074 95649 41182 01413 81872 63002
31925 22873 54134 44435 86697 62251 96397 81057 85877 53446
34101 05549 70557 29657 30753 17519 16121 01597 10504 87735
59542 57891 55422 90818 32289 26522 55681 39683 68599 22438
46610 07235

XPA2

16167/14663/13923 kHz, 01-09, 1900/1920/1940 UTC

05883 00001 00000 36655

14538/13538/12138 kHz, 02-09, 1800/1820/1840 UTC

06018 00001 00000 35257

10324/11524/13524 kHz, 03-09, 0700/0720/0740 UTC

04077 00001 00000 34663

14538/13538/12138 kHz, 04-09/09-09, 1800/1820/1840 UTC

06834 00085 63593 10599 26135 28228 73361 69919 24392 88668
80043 24940 38349 19396 36645 04246 26296 76423 58232 71473
28511 71738 43791 84790 41803 03366 34289 73199 52228 63703
29045 84708 79729 78670 70966 08503 10593 61868 25962 89165
83403 31463 67123 50442 40416 88533 35916 29162 76062 38720
18325 48014 10135 53819 21231 53079 26533 98063 43180 18125
41674 17671 08057 16031 28632 73511 37646 99134 89841 18169
41697 67409 16716 02153 15185 80174 05852 53486 70680 35453
01857 34549 70209 05550 73051 99799 99294 35236

10324/11524/13524 kHz, 05-09, 0700/0720/0740 UTC

09831 00001 00000 35664

10427 kHz, 05-09, 0840 UTC

04385 00101 46039 85118 11581 61994 20300 41795 89945 28611
89319 77948 91338 85083 91173 57738 87726 48900 14797 87362
09383 94855 23597 02115 02102 55714 83972 49384 18063 09158
01113 92219 43427 74096 24815 39775 09223 07608 21965 41070
07847 48180 76874 61269 81112 03134 21410 81835 70598 16286
17016 69513 11235 51301 58545 37183 58449 20779 03015 49428
80620 03783 66792 08583 40301 21091 15686 36357 53528 64588
54150 13149 77396 39905 87497 79165 24281 88473 49471 09088
52999 09361 33461 85706 61120 09646 05864 96230 46699 98298
05075 19691 21262 78596 98047 73892 14933 65655 64739 15457
11429 28814 79631 36713

15859/14659/13459 kHz, 06-09, 0910/0930/0950 UTC

09782 00069 98223 86434 18661 10172 28293 32510 50715 40216
13699 04068 43924 05824 90965 28855 99530 76870 17030 50801
16787 99846 28373 34750 01735 05232 72959 69279 69165 40758
60161 29694 97874 95087 74823 73825 73035 64175 13655 76617
13646 23487 06027 65818 92144 79764 41841 55779 68622 33267
22243 20217 25038 13469 66755 78767 34199 60192 61807 61288
99987 44367 67932 90710 70007 23812 80129 45155 12391 83192
92840 22557

16167/14663/13923 kHz, 07-09, 1900/1920/1940 UTC

09266 00001 00000 35267

16167/14663/13923 kHz, 08-09, 1900/1920/1940 UTC

05543 00001 00000 34262

10324/11524/13524 kHz, 10-09/12-09, 0700/0720/0740 UTC

00226 00143 12045 18616 26781 16938 00114 22058 86493 69786
08993 31751 14533 28853 24333 15580 22707 00475 16164 51267
47010 76555 13566 92081 34363 10683 23908 19892 65065 05748
71205 65948 04792 48932 96507 66160 55275 93274 85149 00077
59959 76974 30211 88917 03964 77706 49873 05824 98974 74513
47045 85101 42553 09255 34511 05961 11402 97291 66508 53256
83144 30258 95883 52622 85066 74908 99274 40393 72320 58860
12764 33985 50132 53006 62702 73075 01240 77397 66445 13655
37662 92623 59344 79571 63532 22644 46244 43082 09969 65027
04671 26921 58662 15661 14935 31204 96991 96165 16447 05585
51964 32457 40698 89236 37630 40929 12386 32269 29417 60936
49531 69791 36289 05229 35434 42252 30628 12371 66803 51823
68731 53600 95080 61501 36378 24321 65399 83618 50029 81338
67219 15630 05492 95584 85105 86740 15713 88127 23709 18339
65690 88657 72760 43626 00900 65172

14538/13538/12138 kHz, 11-09, 1800/1820/1840 UTC

08879 00001 00000 41667

16167/14663/13923 kHz, 14-09/15-09, 1900/1920/1940 UTC

05034 00155 28279 17823 48737 20373 99761 55546 37723 98710
16874 61199 88441 25716 82899 34684 16803 68310 92814 21638
24729 94008 84441 86337 30249 44454 52859 20708 71660 64128
14361 75535 32030 13403 30871 32992 63742 63862 38306 14594
29494 99685 06287 15166 30522 61300 22133 96410 94308 79140
88785 83363 45549 26912 86368 13287 21181 10340 06427 30092
18969 72446 89342 07518 40578 21759 17178 93611 67616 35177
40826 83951 04978 95572 63057 54947 40407 78978 20791 35322
24115 54326 42479 88606 27292 18993 51460 17095 62326 97242
73183 23809 37101 52283 17223 97264 95047 73171 07334 81424
20686 11666 34822 11523 32441 50521 44934 43086 52917 44998
53808 01795 40121 31705 41887 84143 28554 70350 28438 07046
67274 83173 31426 82011 97360 33589 44932 81114 45842 70004
94943 27359 96028 44677 23800 58777 36607 07210 38439 11722
12646 54644 33262 69519 43044 77364 20933 81187 76974 38909
09113 37275 31484 61952 17427 12253 39544 20172

15859/15659/13459 kHz, 15-09, 0910/0930/0950 UTC

06056 00001 00000 34263

14538/13538/12138 kHz, 16-09, 1800/1820/1840 UTC

03083 00001 00000 32663

10324/11524/13524 kHz, 17-09, 0700/0720/0740 UTC

03880 00001 00000 35263

14538/13538/12138 kHz, 18-09/23-09, 1800/1820/1840 UTC

09034 00093 41217 59334 62090 10969 28127 14719 85397 26164
76307 27293 73927 24155 81997 59653 49574 91702 49773 47502
73435 61020 94415 87713 72922 98671 50300 06547 80360 91123
44815 67405 55710 32310 58073 37442 05864 37290 57882 42414
66165 43669 48138 75564 17664 47034 26184 19477 46227 98218
49663 79794 13228 05914 42623 02513 33564 47525 02618 46257
40832 61846 48988 49432 14223 55447 39029 01193 01019 35313
16141 33165 34353 02952 69115 13884 45287 47584 49705 98007
79409 76979 13713 63177 77549 33905 10481 19855 81449 31632
39889 10015 19520 17150 77436 71226

10324/11524/13524 kHz, 19-09, 0700/0720/0740 UTC

04987 00001 00000 41264

15859/15659/13459 kHz, 20-09/22-09, 0910/0930/0950 UTC (0930z not heard on 20-09)

00454 00079 30248 83922 63593 24851 62793 00924 56236 75548
68799 80033 04718 59524 24372 17632 99133 29380 81850 65502
82370 47496 21612 03473 38590 95662 69578 69674 95267 53056
41326 98794 74436 81557 01699 68847 31600 79362 26108 56550
85694 37588 19952 06023 16637 34384 33519 87881 85772 10472
16753 74407 43213 82189 17583 77217 61103 13639 48093 77021
74479 57093 68595 25649 39992 42137 69175 06253 69367 21969
68447 63812 49896 74665 08244 25732 88079 56733 42969 05563
02412 62701

16167/14663/13923 kHz, 21-09, 1900/1920/1940 UTC

01544 00001 00000 35655

16167/14663/13923 kHz, 22-09, 1900/1920/1940 UTC

08795 00001 00000 37271

10324/11524/13524 kHz, 24-09/26-09, 0700/0720/0740 UTC

00248 00165 89251 28056 75073 96444 86730 84442 00727 64396
36071 66533 23656 11492 57703 12242 57844 87787 71015 88583
78258 51335 41941 47473 86982 84546 43488 74615 03016 88878
36484 33365 01531 39775 65156 73867 18757 42893 74298 49283
63696 92784 63879 14455 61299 24666 00443 26779 33968 99207
48217 32285 90690 53220 15519 00827 63233 01853 23186 32712
51135 59140 83975 39215 31768 13626 30301 79638 97757 69586
07024 45294 80629 76800 75009 34586 01509 87053 58349 35821
53546 75718 26704 24505 34892 35305 91210 71865 45405 77406
74688 69808 01199 06337 25469 51417 86803 54081 60495 51431
90335 01053 58662 99430 17917 30512 77781 16576 35424 73567
10788 48110 17183 67893 88930 27469 17604 83582 96541 31731
36476 36510 50277 67813 97038 27762 45021 44465 16771 21791
08591 61284 89437 83987 53518 64763 63543 95789 42141 60850
76319 79949 97290 59256 12488 34378 81583 38064 63977 09425
78296 89865 80851 76074 09062 00199 78019 35089 28777 42832
85910 14756 42231 10688 63720 24831 76945 60345

14538/13538/12138 kHz, 25-09, 1800/1820/1840 UTC

07008 00001 00000 35257

15859/15659/13459 kHz, 27-09, 0910/0930/0950 UTC

08896 00001 00000 40271

16167/14663/13923 kHz, 28-09/29-09, 1900/1920/1940 UTC

03662 00111 26357 55558 27307 79450 24840 02936 39604 32739
83356 04739 40963 52941 60401 22868 38344 85015 60186 10195
17608 18624 11957 07935 86071 08000 50506 65352 14398 04672
31503 48678 13042 26605 92917 74574 13608 48854 16968 83274
44829 80357 33075 12392 71106 09271 88573 09778 68398 81948
45794 24019 94566 74784 81210 29161 07993 71823 70885 66452
78081 37647 64700 00450 01981 40438 63562 21589 60141 85293
84497 60344 44118 12592 33049 29910 66790 34826 09942 01351
14794 47565 51844 45290 16828 09455 13803 46891 94265 69733
77354 98080 78597 50355 60249 68837 39074 57895 68527 70030
98872 55034 67933 71751 40542 88992 00892 60720 10627 43299
88836 76164 05257 74734

15859/15659/13459 kHz, 29-09, 0910/0930/0950 UTC

05442 00001 00000 34261

14538/13538/12138 kHz, 30-09, 1800/1820/1840 UTC

08741 00001 00000 35264

F11

7670 kHz, 04-09/05-09, 1150/1155 UTC

0325 0325 0325 0325 0325
66543 84949 20305 27747 99389 61350 03434 78431 04782 07168
92953 38835 42417 03855 75199 87304 33894 18578 85677 20103
01003 76615 02758 46234 81752 00728 17133 37887 54695 89772
71847 17570 48932 99215 04268 21570 22870 44889 54341 56342
49945 12476 24829 37478 82530 64733 23501 71804
00048 00048

No 88888 88888 sequence before and after the message.

9339 kHz, 17-09/19-09, 0845/0850 UTC

0353 0353 0353 0353 0353
88888 88888 41893 23055 26254 34840 61056 12038 22147 78783
08515 75869 46268 84280 01579 88622 88566 58747 61623 27662
28214 68529 62010 29533 51540 37018 70974 80215 13630 41885
12822 45276 63951 88888 88888
00035 00035

7670 kHz, 25-09/26-09, 1150/1155 UTC

0325 0325 0325 0325 0325
88888 88888 47155 96333 75472 84848 00405 16648 57448 11579
18517 82213 08667 37312 46336 04025 64099 88836 53804 30782
48345 24045 39720 07064 57575 39211 35873 90797 76987 29897
24287 15725 17470 59401 76622 94481 57255 85449 83159 49865
88888 88888
00042 00042

DIPLOMATIC STATIONS

Egyptian diplomatic stations

9046.7 kHz, 20-09, 2050 UTC, SITOR-A 100/170
MFA Cairo msg for RCVB: Egyptian embassy, Washington.

RCVB RCVB RCVB RCVB RCVB

TO : WASHINGTON
TIME & DATE: 20:42, THURSDAY, SEPTEMBER 20, 2018
NUMBER OF GROUPS:

URGENT

=====

0020F 62FFF FUCIHD 9077E 35A6D A55B5 0DBE0 07FFE 4510 1008E
65335 F4C14 94DF8 6B3CF 85281 2A2D6 A1682 95B35 \$?13 3D0665
9509C BFB99 25143 54553 B5E2D 55F0C 6F9DC B1B60 C2688 09C2F
EB0D1 511E3 1E4 5427F 2949F 36833 B69D4 54E45 01D4B 9DA61
474AD 1BC02 63B86 FA968 1DA98 2E21E BEC71 44CE1 7A6E6F CPTAB)
6.&33,..?#(EUA5 B4225
286CF 2IIIF11DURC 5A9E3 99B15 3F565 F3B42 F9C78 2692F DB325
878FA 58B03 23516 E9AD 2D024 08A13 9941B 146D5 997BD B54E0
8B802 FE6E3 EBE07 D935E B3D6A F1816 BBC42 F61C7 1C44C 6154C
6CF8D 40C58 3E51A 8D4F9 2E622 291DD E198F 8AF26 2AC A99B1
91F70 D2B5B 8B910 8D177 E6 258APD4F5 80083 66088 27 C7C77\$9BE
0=6659 B60B7 BABAB4E0 FBI WZGWF AC05D DFE5B AAA 9ADCC TQW
RQ6 B57C3 DBB48 6A7F2 733A3 3010B C8DD5 8BC8C KCIC AEY E6?
06Q TRUPT D5118 F3291 3765F D 13BFA 4A924 AF0C9 E1074 74961
BD273 09354 B30EB 9561D AAEA8 2DEAD 798E3 57BA2 OFCE5 6D4C6
2C118 89446 E157D E1823 3A46E E4508 48929 DBDFD 712A9 6522
FEACO A4BBB BIO AF7A7 02C26 0966%? ? \$95FA 0940F 97B7E 613CB
6EDB8 3AFD2 D1A6F 29C34 B2DCE 62A27 39EA1 82D13 C203E DCA2D
9E202 09AE3 A77%49. : 71

TO : WASHINGTON
TIME & DATE: 21:23, THURSDAY, SEPTEMBER 20, 2018
NUMBER OF GROUPS: 595

URGENT

=====

FF2F 00066 6EA2B B059C B066C 4ACAD 3752E 5CF54 23207
15010 10072 7438B 23B21 4E345 B97B3 5E40C 1CEB6 5D84F
DB21F B2A74 CFBEO 123BE 4737E D36-1313 15C2B 5CE38 D757
DA2A0 D209C 4570E 86 5E923 BA8B5 4F01B 3E294 D96A1D6D
56720 5120E E86B4 8C71B 9DE05 2A845 A462B 35?90
FE5E7CDB 82 AD8A7 68D09 D75CC 07161 9F027888.60 10121
68452 45C68882 9 651D70 3ERGGGC(D F2562 F8F89 587EB
47D18 6D213::41 ?2D F7E9E B9362 A2567 1D723 529EE
83936 AF8\$39337 BF9E7 C251B 9AD04 AD758 C5160 11B+52
@%\$15C1 BC251 91FC9 8791E 59 B849E 9C2FB 82F4E D8 E6267
3BBBF QTY2094BC 5F81F 7B3F9 AD32888%- 3312A 7F994 2D51D
E4DDE C1B7C 42F53 3AD94 F5F272 AF37 E A5C9F 2CB2
E9 2F00D C89F7 C9165 535DA CD619C?5% :74F1 08D4A 10A81
F266DIQUE 3A951 21236 5918E D5A07 04406 0C615 306 96DDB
48198 AOB7A 67DA8 612CD F7BD1 9DABA 25236 38D1FGP D8446
F8DE 681AF BA36C 613E8 B9DF EOFAC6 3045E 25AA E10B8 7BT
WWIPT ORQD73 6C B6B 62A80 0D075 ETQ YC4AC 1FF87 FDD8A

5CEA7 06DC D5C9 CDFD2 174050E1 3676C 6756E 77701 2291B
2F1F07 31DA 4B7B7 62C24 BE4F#ZGP6 C6BC6 D8F187(%93(++&/
1 B17BB 0A30E B075B 6609D F952A 98BDE DCACB 1523C DDFBF
0C273 4C211 18776 BB5E1 1FBE5 5C287 E11NU C97AE AA8E1
F7F62 F8CBB 627F7 B7059 B6678 07F1D 229B5 18E 51867
EA0F7 97544 0ADDD 2E4A5 8C33E B9E7C 38F0A MSYPCMKD8 04B4C
C887\$8
ASS MMM OMM ZLLMMM

UTILITY ROUND-UP

North Korean military

All logs by JPL and F5JBR

5717 kHz, 05-09, 0804 UTC

VVV HMC DE U2B QSA ? QSA 5 QRU SK K E E

3691.5 kHz, 05-09, 1702 UTC, i.p.

X3 BT 050502 R340 R006 RE01 R 264 R 100 R0000 R 220R 10 K.
ABV ABV BT 050502 230 00 120 2600 1000 0000 2020 1. K

3362 kHz, 07-09, 1255 UTC, i.p.

99 R333. 9R 95555 R1.59 R4481. ..
17 1799 R334. R 07417 R17999 R33359 R95555 R10057 R44818 K
ABV = = 75R. R7R3200 R300 R 70...07.3 R75R00R750R11R01R.9R1 EEE
75R07R.200R300R07R1.R75R..750R1R..01R99R1.K
OG3OP. K

5325 kHz, 08-09, 0623 UTC, i.p

8CJ wkg 3BA

3815 kHz, 08-09, 1720 UTC

VVV VVV B3N de 2IZ QSA ? K

5717 kHz, 11-09, 0755 UTC

U26 wkg J2B CA1

3685 kHz, 09-09, 1744 UTC, i.p.

VVV NX8 (x3) DE LRO (x2) QSD QSL 1010 ? K
VVV NX8 DE LRO QSA 3 3 ?
VVV 3514 3514
VVV NX8 DE LRO QSA 3 3 ?
3514 3514
QTC QTC NR 03 14 05 0910 0240 0018101 =
13576 84607 35602 12654 64891 K ABV
VVV QTC NR 03 14 05 0910 00240 0018101 =
13576 84607 35602 12654 64891 K QTC NN 31405 0910 0240 0018101 =
13576 84607 35602 12654 64891 K
QTC NR 03 1405 0910 023 400018101 =
13576 84607 35602 12654 64891 K
QTC NR 03 0405 0910 0240 0018101 =
13576 84607 35602 12654 64891 K
QTC NR 031405 0910 0240 00181010 =
13576 84607 35602 12654 64891 K
QTC NR 031405 0910 0240 0018101 =
13576 84607 35602 12654 64891 K

3792.7 kHz, 09-09, 1758 UTC, i.p.

CQ DE A78 .. 14847 14641
VVV LVT QTR QTIE. 8 A78 QSA ? ?
VVV LVT DE QTR QTIE 4AM T D DE A78 QSA ? K
VVV LVT CQ CQ DE 4A8 K (Horrible CW operator)
QTR QT..
A78 A78 QSA ? K

3666 kHz, 09-09, 2047 UTC

VVV (x2) WYS (x3) DE (x2) ATC
MSG MSG CK 05 CK 05 = =
0090. (Too distorted to copy)
MSG MSG CK 05 CK 05 =*
007.0 3.05 AR K
MSG MSG CK 05 CK 05 = =
00007 36..3 674 AR
MSG MSG CK 05 CK 05 = =
00007 .6.03.. 0. AR AR
MSG MSG CK 05 CK 05 = =
007 36..3 05..674 AR AR
MSG MSG CK 05 CK 05 = =
00... 3 05. 674 AR AR
MSG MSG CK 05 CK 05 = =
007 36. 03 ... 674 AR AR

5715 kHz, 13-09, 0743 UTC

VVV XCI DE VM3 QRU
293634.. K

5717 kHz, 13-09, 0751 UTC

VVV CQ (x2) DE U26 (x2) QSA ?
A1Q QSA 2 QSA ? K
R SK
VVV CQ DE U26 QSA ? K (Cont'd)
AZ3 QSA 2 QRU SK K
VVV T60 QSA 5 QRU SK K
VVV J16 J26 DE U26 QSA ? K
VVV CQ DE U26 QSA ? K (Cont'd)

4774.5 kHz, 11-09, 1345 UTC

VVV D7 DE W.. QRU 2313 2323 SK SK

3399 kHz, 11-09, 1746 UTC

VVV B4X DE HHZ QSA ? 4632 4632 QLK QLK QLK K CW
VVV B4X DE HHZ QLK QLK QLK QLK K
DE B4X ZB4 QSA 2 QSA 2 ? QRO QRO ? K
OK
VVV B4X DE HHZ QSA ? 4632 4632 K (Cont'd)
VVV HHZ DE B4X QSA 3 3 ? 4551 4551 4551
VVV B4X DE HHZ QSA ? K
GK GK
OK ON .SK
VVV QTC QTC *NR 1214 05 0912 0255 9101001 =* = (Sent by HHZ)
91097 27485 52094 74968 05325 QTC
NR 0214 05 0912 0255 9101001 = =
91097 27485 52094 74968 05325 QSL QSL ? K
QSL QSL ? K
RPT RPT
OK QTC NR 1214 05 0912 0255 9101001 = =
91097 27485 52094 74968 05325 QSL QSL ? K

RPT RPT
OK QTC NR 1214 05 0912 0255 9101001 = =
91097 27485 52094 74968 05325 QSL QSL ? K
QSL QSL 1212 ? K
OK QRV QRV K
RPT RPT
OK OK QRV QRV QRV QRV QRV K
RPT RPT
VVV QTC
QTC QTC QTC ? K
VVV QRV
QRV QRV QRV QRV K
OK QTC = 0C 3 .. 9 1202 45 0A0019001 = =
54327 45282 20187 12436 43892 QTC QTC
N 314 05 0912 0.45 00.9..1 = =
54327 45282 20187 12436 43893 K
QTC QTC *NR 0314 05 0912 0245 019101 = = (Sent by B4X)
54327 45283 20187 12436 43893 K QSL QSL ? K
VVV QSZ QSZ QSZ QSZ QSZ QSZ QSZ K
QRO QRO RPT RPT
RPT RPT RPT RPT RPT RPT RPT K
QTC NR 0313 05 0912 0245 001..01 = =
54327 45282 20187 12436 43893 K

4948 kHz, 19-09, 1906 UTC, i.p.

62668182 08474 7 VVV
BN3 (x3) DE 9L4 (x2) =
59633 62668 18208 4747
59633 62668 18208 4747
59 63362668 18208 4747 VVV
3BN DE 9L4 =
59633 62667 18208 4747
59633 6268208 4747
59633 62668 18208 4747
7969 7969 SK SK TT

4397 kHz, 19-09, 2233 UTC, i.p.

VVV SXK (X3) DE VN4 QSA ? 4781 4781 K

3388 kHz, 21-09, 1709 UTC, i.p.

VVV CQ DE 2AK QSA ? = 79603

3887 kHz, 21-09, 2340 UTC, i.p.

VVV XCI DE JZS QRU
4373 4373
VVV LDL DE LR4 QSA ? = 4373 4373 K (Changed round slip at 2343z)
OK OK K NTM QSA ?
DE LXM QSA 3 ?
LXM QSA 2 OP ?
= 430
4398 4398 ?
OK OK K K
QSA ? K
VVV L8M L8M QSA ?
LW4 QSA ? K
VVV DN LN4 DE LP. QSA 2 QSA ?
LR4 LR4 DE WV..
LW4 QSA 1 ?
OK .. OP =
4. (Very noisy - fading out)

4779.5 kHz, 22-09, 2305 UTC

CQ DE VT9 QSA ? QSA ? VVV
09409 09U2U UIUIUIUIUI 08902805.3815.UI 289. 2.85 ...
R.5 3.89 099 R3815 OUI 891 .8R3815 SK

3364 kHz, 23-09, 1234 UTC, i.p.

98325 (x2)
VVV CQ DE VHG QSA ? 98325 K

3311.5 kHz, 23-09, 2003 UTC, i.p.

VVV 24443 R97047 R3..286 R3.036 R59126 R970.8 R7617. ...
VVV PR3 47R..286 R3302....36 R97018 N7637 D
CO = 0500 R3.0R05R3.R75 R00 R75... R00 R99 R1.
= 0500 R33..05 R10 R.5R 00 R7500.. 10 R99 R15..

3547 kHz, 25-09, 1832 UTC, i.p.

NR 4 = =
384 R330934 R324252 R000000 R107390 K =
10 R36 R0323.45 R12 R31 R044. K

.....

NR 4 = =
384 R3309.4 R.34252 R000000 R107380 K
= 10 R30 R.33 R45 R13 R11..3 AR K

3447.2 kHz, 26-09,

1533 UTC, i.p. NR 3 = 13 = = 137R489 R137289 K
1540 UTC, i.p. R430988 R137289 R137489 K

Jammers

13780 kHz, 21-09, 0938 UTC Vietnamese siren jammer

13780 kHz, 28-09, 0841 UTC Vietnamese siren jammer

Unid stations

8593.5 kHz, 13-09, 0734 UTC, CW, i.p.

2UOZ is the Net Control station

RPT TXT K
2UOZ R 613 K
RPT K
2UOZ QRV K
BK QSV K
BK RPT PBL K
RPT ADS K
RPT TXT K
BK RPT AA 1 K
BK RPT AA 15 K
2UOZ R 087 K
2UOZ QRV K
2UOZ R 392 K
RPT K
2UOZ QRV K
2UOZ R 099 K

6831 kHz, 11-09, 1310 UTC, CW, i.p.

OLM7 is the Net Control station kHz using Kazakhstan remote tuner:

DE OLM7 QTC K
WDSL DE OLM7 QTC K
OLM7 24 5 25 11 1550 2
OLM7 =
OLM7 245 25 11 1550 245
OLM7 = OLM7 245 25 11 1550 245 K
OLM7 = OLM7 245 25 11 1550 245 K

4028 kHz, 11-09, 2016 UTC, CW, i.p.:

HHTY is the Net Control station
HGTY 109 28 11 2308 109 =
452 =
NVO\HB \HGQVG (Cont'd)
VVV (Cont'd)
= NVO\OB \HGQVG IHKFG AGDQF (Cont'd)

8050 25-09, 0959 UTC, CW, i.p.

GL23 GL22 DE GL21 ?
GL23 DE GL21 ?
GL21 DE DE GL23 QRU ?
GL23 GL23 DE GL21 ?
VVV GL21 GL21 DE GL23 QRU ? K
R QRL 23 QRK 1 R R ..QRX ...
DE GL23 QRU ? K
RR GL23 ... R R M. AR K 0700 QSA ?
R QRNA 0700 (1003z)
GL22 GL21 GL22 DE GL23 DE GL23 QRU ? K
VVV GL21 GL21 GL21 DE GL23 DE GL23 QRU ? K
GL21 GL22 DE GL23 DE GL23 QRU ? K

JCS Foxtrot Messages & Emergency Action Messages

Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

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

05-09	1930	Toy Shop	30 chr EAM ZZR VAN XF7WRJXNP7O2T5TUCN2NJIQU
05-09	1933	Toy Shop	30 chr EAM ZZHPJN UREU3Q4DAOOUJIV42ONTF3R5
05-09	1935	Toy Shop	30 chr EAM ZP5TI 7NXEYLXRTRHD5HPHJZQY2JBE
05-09	2047	Toy Shop	30 chr EAM ZZ3XO7 YBB2LPYWQMG7VAYO5YPKI52T
21-09	0049	Stringer	36 chr EAM U7MDZW SCEYW62XIRURJOWXTIBWQGE4ASGKR
21-09	0055	Stringer	30 chr EAM for Region Bravo U7L5NE QISEL24YJFQX3BGRFZFX6EY
21-09	0122	Stringer	30 chr EAM SUL6ON 4K3KPIABXSHZ3A2K3BFDTXGM
21-09	0135	Stringer	30 chr EAM U7WL2N 6LHU4TSUOWVXXGHI23NU4G4S
21-09	1852	Stringer	30 chr EAM SUUP67 5YRJ65TGIVQLEZS3OFV76UPW
21-09	1858	Stringer	30 chr EAM SUVP4S VAETTPJSVZACTN2QMSAFSDT3
21-09	2203	Stringer	30 chr EAM for Embay U75MXL SJJ6HBJMUMSD5S2M6C4D32W
21-09	2212	Stringer	30 chr EAM SUWOLK BCVQDGLZP62XKGIXSA463QLR
21-09	2244	Stringer	30 chr EAM SUHMFZ WL2EN3JLC47K3EWLHRP5EKL
21-09	2247	Stringer	30 chr EAM SUFIS7 YT2CL6JIVIXYCEYTIKM342QF
21-09	2250	Stringer	30 chr EAM SUXCO6 JCEPGSW7VXVCLLJ6YQS6TUIA
21-09	2339	Stringer	30 chr EAM for Embay U7KSVT IFKQNWY5BNZARPAXZ63PH4HF
22-09	0034	Alabaster	30 chr EAM U7NBHP KEKVKQLCFOHSAOPRMN4DHP3L
22-09	0058	Alabaster	30 chr EAM SUOOOQ ODV3RCT3I3KDYVBRKVQNJ54E
22-09	1417	Alabaster	30 chr EAM SU6TKG VKT2DQXVR5NJSN6XPN4R3FIN

22-09	1538	Alabaster	30 chr EAM for Burma U7JC23N ICJX5T24YBNTEKKVALFBJU
22-09	1945	Alabaster	30 chr EAM for Burma U7ON76 ACG77DFUM7MTDJSZYCVKCJXJ
23-09	1842	Corn Snow	30 chr EAM for Alvar U7P3LV B5CQXNPUOT2VAG4JOZTGMWGG
23-09	1943	Corn Snow	30 chr EAM for Alvar U73OPG P3YNYWRC675JCEK5VVLT65U4
23-09	2103	Corn Snow	30 chr EAM SUBFCE TO6UGVE7CCLVPTY5TWU3KFP
23-09	2106	Corn Snow	30 chr EAM SUJRR4 CB6RNFTBVMSSOX75Q6Y4J2VQ
23-09	2114	Corn Snow	30 chr EAM SUBZ65 F3KPBTZA67GH5VZ5FA4YL7TV
23-09	2159	Corn Snow	30 chr EAM SUBZ65 F3KPBTZA67GH5VZ5FA4YL7TV
24-09	0300	Andrews	Skyking message: Outfield Time 00 Auth VZ
26-09	1647	Mangrove	30 chr EAM VD62HN JPWAJ7Y3SGYMUYPBFZL6UPXF
26-09	1707	Mangrove	30 chr EAM VDG2G2 FO7RQSEZKDJZKQ5EFWLYFRJ2
26-09	1747	Mangrove	30 chr EAM VDVFHR 4SVKPP3C2OYDMTMMUTF5KD4O
26-09	1949	Mangrove	30 chr EAM VDL7F4 X2ZLW7UAUMTAPTZA7TESIOK3
26-09	2214	Mangrove	30 chr EAM VD6QQA D4T3AEJHX5K76JKABD5R6ELV
26-09	2219	Mangrove	30 chr EAM VDEGA6 G4X3XZ4S4GJGDAYRW7YRF7MZ
26-09	2233	Mangrove	30 chr EAM VDBTTE WJERNGEST7RXW7VO7JGESWUN
26-09	2247	Mangrove	30 chr EAM VDQEN4 766YUFHISOFOANCSBLX7W4TDL
26-09	2250	Mangrove	30 chr EAM VDT2DG JZVQOPSWESRLV3DRZSIVYZRS
27-09	0429	Riderless	30 chr EAM for Rhinoceros U7MNRR GF6UGISHSTWKJB4OFWOTCNBA
27-09	0443	Riderless	30 chr EAM for Rhinoceros U7FIBJ NJSVYFKFQ5DQS37IDVBK2NCA
27-09	0523	Riderless	30 chr EAM U7PK6Q ELP22FQPTF4XQRB4CZ4H5ZS4
27-09	0604	Riderless	30 chr EAM VDP7KL JDVCTWP3BJ25CWSY7R7OTRLZ
27-09	0607	Riderless	30 chr EAM VDWNOT KAM6ZAUKPPM7D7DE74L4VHJQ
27-09	0610	Riderless	30 chr EAM VD3LAT OSEWTDI7KM6ZWXJLYTJK6UNA
27-09	0621	Riderless	30 chr EAM VDUFZN SVEJKOJRMJMD344TUPWT7Z
27-09	0623	Riderless	30 chr EAM VD3LAT OSEWTDI7KM6ZWXJLYTJK6UNA
27-09	0532	Riderless	30 chr EAM VDB35E ZNNDEONC6EADLYNKWOPNA4HR
30-09	1401	Book Store	30 chr EAM VDTNLH TGWBHW2CXAQUVSHPNAXOB3V
30-09	1441	Book Store	30 chr EAM VDGVPK U5CP4WX7JLY5YXCGMVOJPGZK
30-09	1445	Book Store	30 chr EAM VDREUD 6USIBX767CGHGYN2VNZO5VA
30-09	1459	Book Store	30 chr EAM VDGVPK U5CP4WX7JLY5YXCGMVOJPGZK
30-09	1502	Book Store	30 chr EAM VDREUD 6USIBX767CGHGYN2VNZO5VA
30-09	1516	Book Store	30 chr EAM VDJ53O JFVX2DQHQC3IZJRRIPF7CO
30-09	1519	Book Store	30 chr EAM VD6GO5 DNTH4UICQBZJYMMY372K
30-09	1532	Book Store	30 chr EAM VD6GO5 DNTH4UICQBZJYMMY372K
30-09	1532	Book Store	30 chr EAM VDQSGE 6TPFP7VZBOPCIKXS4TPVBMWX
30-09	1538	Book Store	30 chr EAM VDIL6J PYJETELNUMLFKE6UOZEWJ6TA
30-09	1540	Book Store	30 chr EAM VDVV5Q GV2IAVVTF6PJAFAPZXQU2KHA

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from logs submitted by AB, F5JBR, JPL, RP-MD, JU

RMv/RNv/RNAv/RAv - Russian military voice transmissions

RMv – Russian Military

8055 kHz, 07-09, 0842 UTC

SFIL-14 clg BARJUR-27 AGAT87 GOUDRON-06 KNIGA-68 YENOT-53 KUNIR-98 TOR-33 NALSAT-29

4766 kHz, 13-09, 1047 UTC

GREYDER: Russian Navy Pacific Fleet HQ, Vladivostok clg KATOK ANOST

Korsar Russian Military Transport Aviation (VTA) HQs, Moscow
 Polis 117th Air Transport Regiment (VTAP), Orenburg
 Klarnetist 196th Military Transport Air Regiment (VTAP), Migalovo/Tver
 Proselok 566th Air Transport Regiment (VTAP), Bryansk
 Davlenie 708th Air Transport Regiment (VTAP), Taganrog
 Magnetron 566th Military Transport Air Regiment (VTAP) Seshcha
 Polotnoy Unid

6685 kHz, 10-09

1127 UTC 78794 (IL-76MD 196th Military Transport Air Regiment - Tver) clg Klarnetist & Korsar .
 1249 UTC 76771 (IL-76MD) clg Korsar
 1505 UTC Korsar w/78776 (IL-76MD 196th Military Transport Air Regiment - Tver) reporting 4 hrs into flt w/24 tons fuel & "ops normal".
 1410 UTC Arkan-97 clg Firma-81
 1412 UTC Gamma-88 clg Arkan-97
 1415 UTC Devi-77 clg Plazma-21

6685 kHz, 21-09

1017 UTC Korsar w/94268 (Russian AF A-50, Ivanovo/North) reporting 2 hrs into flt w/47 tons fuel. At 1120Z reports 3 hrs into flt w/36 tons fuel and ETA landing at Kanatniy (Russian AB, Ivanovo-North) 1453 MSK.
 1038 UTC Korsar w/78768 (IL-76MD) reporting 1336 MSK landing at Karakul (Russian AB, Engels) w/31 tons fuel. At 1332Z reports 1 hr into flt w/37 tons fuel & "ops normal".
 1046 UTC Korsar w/76554 (IL-76MD 117th Military Transport Air Regiment - Orenburg/Southwest) reporting 1344 MSK landing at Taganka (Russian AB Makhachkala-Privolzhskiy)
 1049 UTC Korsar w/76653 (IL-76MD) reporting 1333 MSK departure from Vorsovka and next is Yelizovo. At 1334Z reports 3 hrs into flt w/67 tons fuel & "ops normal".
 1054 UTC Korsar w/78794 (IL-76MD 196th Military Transport Air Regiment - Tver) reporting 1350 MSK landing at Raspiska (Russian AB Mozdok) w/23 tons fuel.
 1134 UTC Polotnoy (unid) R/Cs w/?79917? (unid)
 1135 UTC Korsar w/78653 (IL-76MD-90A) reporting 1 hr into flt w/78 tons fuel & "ops normal"
 1346 UTC Korsar w/78810 (IL-76MD 566th Air Transport Regiment, Bryansk) reporting 1629 MSK departure from Anapa w/30 tons fuel & next is Mozdok ETA 1750 MSK. Proselok confirms flt info w/Korsar.
 1353 UTC Semnovka (Y/L Russian) in R/Cs w/unheard stn.

6685 kHz, 24-09

1053 UTC Korsar w/76577 (334th Military Transport Air Regiment - Pskov) reporting 1245 MSK departure from Pskov and next is Makhachkala. Fuel 54 tons & "ops normal". At 1440Z reports departure from Makhachkala w/35 tons fuel and next is Raspiska.
 1422 UTC Korsar w/76747 (IL-76MD) reporting 1658 MSK departure from "The Point" (Latakia Syria) and next is Raspiska (Russian AB Mozdok). Fuel 68 tons.
 1430 UTC Korsar w/76770 (IL-76MD--not heard) reporting departure from Tolmachevo & "ops normal".
 1431 UTC Korsar with 78810 (IL-76MD 566th Air Transport Regiment, Bryansk) reporting 1700 MSK departure from Chkalovskiy and next is Raspiska w/ETA 1935 MSK. Fuel 40 tons & "ops normal".
 1510 UTC Korsar w/78757 (IL-76MD) reporting 1708 MSK departure from Tai'mir (Russian AB Krimsk) and ETA Tver is 1955 MSK. Ops normal.
 1511 UTC Korsar w/78847 (IL-76MD) reporting 1745 MSK departure from Rostov & ops normal.
 1514 UTC Korsar w/76542 (IL-76MD 334th Military Transport Air Regiment - Pskov) reporting 1813 MSK landing at Raspiska.

3555 kHz, 07-09, 0515 UTC, USB Tracking (Russian Voice)
4888 kHz, 07-09, 0730 UTC, USB Tracking (Russian Voice)
3913 kHz, 07-09, 1259 UTC, LSB Tracking (Russian Voice)

M32 - Russian / CIS Military CW Stations

9058.2 kHz, 01-09, 0605 UTC

UUUUU RDL RDL 08198 34480 08198 34480 08198 34480 K

7521 kHz, 07-09, 0700 UTC: RGT77

XXX VN6B 40368 AWIAÖASTX 5809 9503 K

7963 kHz, 15-09, 1803 UTC. Many errors

YCBH YCBH YCBH DE BIFG BIFG QTC ZJG 248 43 15 2050 248 = ZJG 609 =
BRÄÇG HFPGÇ OTYOC KFDAS OTYOC TTFDAS OTYOC KFDAS ÄBÖÖM QÄOMÖ
GIÛIZ UWFNG EEEEE GIÛIZ TWFNZ WÇOKF MOAIÖ CVTAY ÜVÄÜQ QREQP
ÄMDYC NHPHR WKZAF DHWRE NFDGD AUHRI IVAÇT ZKLDÄ LMEUI YLYOY
PÄNLE HÇFIL E ÄPVA TMÖLG AUMIÇ ZICDU VYZGH ZRHEI HÜMTV UQHPI
ÇFFWÜ IHÜBU ÄTPPE IHÜBU ÄTPEO 545 AAR EEEEEEE
RPT AA 39 = HÜBU ÄTPE O 545 AR

WMD3 WMD3 WMD3 DE BIFG BIFG QTC K

BIFG 810 38 15 2048 810 = 609 =

BRÄÇG BGSMI UN

BIFG =

BRÄÇG BGSMI UNFRY AWAME UNFRY AWAME UNFRY AWAME UNFRY AWAME

UNFRY AWAME OQCLF DFVYB VBQIR EYMIF VEZCÛ VFVWV UÇOZF EÇOWO

ÖYÜZZ KNEYG ÖSHWC PSS

BIFG = CNEYG ÖSHWC PSSÇE GZ

BIFG = ÖSHWC PSSÇE ÖZVMF FUWQY CDAHG RQEOF VÄMEL CQGRF WVLUÜ OFNWÖ DYNÜÇ RF

BIFG = OFNWÖ DYNÜÇ RFFZ

BIFG = OFNWÖ DYNÜÇ RFFZÇ CÄU EEEEE RFFZÇ CÄKNS ERPZQ PLTSB IIVVM VHSRM ÄTPET VHSRM CTPET 545 K

8529//11465 kHz, 08-09, 1202 UTC

WLHN WLHN WLHN 633 =

WNROH GÄKÖL YOMNI GHMIM YOMNI GHMIM YOMNI GHMIM IÖNH D AÖHNR PIPÄP = K

8529//11465 kHz, 10-09, 0802 UTC

WLHN WLHN WLHN 019 =

DOQVA KPVKH TDQBI TNUIÄ TDQBI TNUIÄ TDQBI TNUIÄ CVYVR YCZCHÛ BGÄTA GTZIB UAÄSD ÄPPÄE = K

11139 kHz, 09-09

0721 UTC UUUU RDL RDL RDL 18480 05728 K

0725 UTC UUUU RDL RDL RDL 25142 41911 K

0729 UTC UUUU RDL RDL RDL 91540 41694 K

0731 UTC UUUU RDL RDL RDL 11284 92938 K

0736 UTC UUUU RDL RDL RDL 19777 77886 K

5834.5kHz, 20-09, 0615 UTC

9MQL (x3) DE 8JJB (x2) K

8JJB DE 9MQL K

DE 8JJB QRU 1 ZGD UD K

AS

OK K

ZGR K

TR UD K

ER ZGR K

= ZEW ZEW = =

LMMMM KVKVK LMKVL MVLVM KMKVK
ZZD UD K
NO QSV K
QAEeee QSA 1 K
QSA 1 K
QSA 1 AS 60 K
RPT K
RPT K
QSA 1 K
AS 60 K
AS AS AS AS AS 60 K

9700 kHz, 21-09, 1703 kHz

RAA RAA DE RJH25 RJH25 QSA3 K
RAA QYA II II
RAA QAP K
RFJH25 OK QAP K
RJH25 OK QYT 9 K
RAA RK

12688//13443//13561 kHz, 21-09

1220 UTC XXX XXX WEGI WEGI 16306 FENOTANK 4310 1505
1228 UTC XXX XXX WEGI WEGI 88257 URODOPLES 9582 7270
1242 UTC XXX XXX N1DX N1DX F2ET F2ET 99288 97739 MOTOPYV 2823 0881
1247 UTC XXX XXX WEGI WEGI 18118 SBYTOWID 5811 2132

12705 kHz, 21-09, 1252 UTC

XXX XXX KH8N KH8N F2ET F2ET 77076 15620 TORIT 6736 4100

13561 kHz, 21-09, 1259 UTC (RGT77)

1258 UTC XXX XXX 1QRF 1QRF 90661 WWOZOSOeET 0341 1775
1302 UTC XXX XXX WEGI WEGI 52891 SMEHONATR 7196 3797
1310 UTC XXX XXX WEGI WEGI 47896 SEPTIK 6802 5929 UDODOChEJH 8111 9968

4050 kHz, 23-09, 1220 UTC, i.p.

16325 08607 04091 76279 96456 91927 01596 83656 98610 23032 K
NZE8 (x3) QTC AR
NZE8 (x3) 092 23 23 1516 092 =
293 =
11111 54805 77312 56973 94029 27760 73992 (Cont'd)
23021 QLN K
NZE8 (x3) QTC AR
NZE8 (x3) 703 23 23 1520 703 =
293 =
DDDDD ..CLF NAMJN SADTD HSFKF SADTD HSFKF SADTD HSFKF KVOVJ UDCEO MNOTH (Cont'd)
QLN K
NZE8 (x3) QTC AR
NZE8 (x3) 645 25 23 1523 645 =
293 BT
DDDDD RRSQQ OCFLP FPJPE LNIPH FPJPE LNIPH FPJPE LNIPH ZSJNH (Cont'd)
QLN K

5366 kHz, 26-09, 0545 UTC

XXX WEGI 60337 MARSONUT 57047820 K

6701.5//6840.5 kHz, 26-09, RGT77

0553 UTC XXX WEGI 66191 KLYKOPLIS 3147 9436 K
0624 UTC XXX WEGI 29590 ZAJMOLIDS 0763 1136 PchIKOPOS 8147 0108 K
0613 UTC XXX KH8N F2ET 09679 31090 WOLOMÉRE 0848 5578 K

8529 kHz, 26-09, 0557 UTC

XXX WEGI 08797 PRAWOWERIE 6177 7453 MASSIWNJY 3637 8502

7967 kHz, 26-09, 0557 UTC

XXX WEGI 08797 PRAWOWERIE 6177 7453 MASSIWNJY 3637 8502

7977 kHz, 26-09, 0557 UTC

XXX WEGI 08797 PRAWOWERIE 6177 7453 MASSIWNJY 3637 8502

2793 kHz, 26-09, 06025 UTC

XXX 8SHL 50607 DVIPOPAC 4422 7220 K

8112 kHz, 26-09, 0605 UTC

XXX 4HQP 58316 INSTANCIÄ 8979 5837 K

6701.5 kHz, 26-09, 0608 UTC

XXX WEGI 32423 PLUGOHROM 5840 5982 K

16348 kHz, 25-09

0912 UTC JB1D JB1D JB1D DE 2YD5 2YD5 ZTV ZEU ZJA QYT9 K

0921 UTC VVV I9H7 I9H7 I9H7 DE BUFS BUFS K

0923 UTC PYO8 PYO8 PYO8 DE BUFS BUFS K

6840.5, 6701.5, 7521 kHz, 26-09, RGT77

0617 UTC XXX 1QRF 33945 NOÄBRX 1121 0660 K

0619 UTC XXX WEGI 78444 REEÖNYJ 7138 2469 K // 6840,5 //6701,5

0621 UTC XXX G5CX 87995 SKIPONEUD 0308 9752 K // 6840,5 //6701,5

0623 UTC XXX WEGI 29590 ZAJMOLIDS 0763 1136 PchIKOPOS 8147 0108 K

7920 kHz, 26-08, 0629 UTC

XXX LOMO 36852 NALOVENIE 3813 7210 K

7905 kHz, 25-06, 1010 UTC:

61604 89519 46015 01046 83027 33737 30527 36538 67752 23228

75633 11517 40249 48529 48793 35195 85863 81915 49784 69431

69439 59728 25429 79926 36256 06037 22033 33845 59123 84441

81840 63379 95679 87699 04311 65006 66833 25052 K

R K

R K

R

R K

R K

R K

BK RPT K

9Y.T DE T38G R ? 908 K

R K

R K

2BHK DE T38G K

2BHK DE T38G K

12688 kHz, 26-09, 0824 UTC (RGT77)

XXX XXX 1QRF 1QRF 94976 SAMOWAPNYJ 9584 7652

12832//14411 kHz, 26-09, 0847 UTC (RDL)

UUU XXX XXX RGT77 RGT77 95278 61827 NUeHOMITR 1389 3514 AMILOKADR 5379 4581

12832 kHz, 28-09, 0933 UTC (RDL)

XXX XXX RGT77 RGT77 77315 32664 POLSLOWA 6142 7806 SUDOCEP 0689 5561

12832 kHz, 28-09, 0936 UTC (RDL)

XXX XXX WEGI WEGI 08678 55407 TYLOLAWR 0986 1597 WIZGOSWAN 1652 0422

12688 kHz, 28-09, 1041 UTC (RGT77)

XXX XXX TNOF TNOF 84434 SIMODVIP 2347 1596

12688 kHz, 28-09, 1244 UTC (RGT77)

XXX XXX TNOF TNOF 39331 KRENOFON 7779 3036 OOeWIDNOSTX 0108 6161 SPIOeEOeNYJ 5005 3633 TIKORAE D 3547 0540

7521//13443 kHz, 28-09, 1504 UTC (RGT77)

XXX XXX W6BY W6BY 94659 REZEDOWYJ 1085 2040

12832 kHz, 28-09, 1509 UTC (RDL)

XXX XXX W6BY W6BY 47335 94659 REZEDOWYJ 1085 2040

M32a - Russian Navy (Voyenno-Morskoy Flot Rossii)

10543 kHz, 02-09, RCV: Russian Navy Sevastopol

xxx xxx rjv rjv 48912 KORÜchKA 5514 6393 k

xxx xxx rjv rjv 432682 DRUGOGAM 9576 0547 k

On 9 Sept, RCV was in contact RIO90, RKN54, RCJG, RIR96, RJP24, RJS81, RMU59, RFX42, RMJA, RMYZ, RGR79, RGZ59, RLO49, RCQ47. Transmissions to collective callsigns: RIP90 navarea, RJV QTC 437, RGX94 nawip

6247 kHz, 07-09, 0625 UTC. RMP80 wkg RJD52

QTC 838 18 7 0901 837 = FM RCQK FOR RJD52 RJD88 =

07061 99429 10475 41998 01407 10240 2//// 40059 51000 70200 80000 22200 88000 80000 07014 = AR RCQK K

12464 kHz, 07-09, 1211 UTC. RKN64 wkg RMP

QTC SML FOR RJE73 RJH45 =

07098 11200 13442 03437 88880 01266 08265 26264 49215 64089 66187 89177 99171 07013 = AR

RKN64 K

3248.5 kHz, 07-09, 1243 UTC. KIED wkg T2HN

QTC 972 16 7 1515 972 =

TORST BÜSTX VOSTX MZSTX ÖURTX DOLPI NPYTI Q+JKE ÖXBDT DLQZÜ LOWIT SÖTL+ BDOPI CHZVÜ PXSOT PUPÄT RPT AL K

3248.5 kHz, 07-09, 1250 UTC. KIED wkg DKQK

QTC 464 16 7 1520 464 =

10125 23685 14569 98752 36985 78965 02369 12541 32069 96542 36986 25896 33652 42195 36984 07015 RPT AL K

2630.5 kHz, 07-09, 1808 UTC. RMP80 wkg RJD52

QTC SML FM RMP80 RMBO RCJO RCKS FOR RJD52 RJ88 =

WWHH/ 07181 99448 10481 41998 00514 10230 40230 54000 70120 22200 00/// 1//03 88/// 8/// 07015 = AR RMP80

2630.5 kHz, 07-09, 1818 UTC. RCQK wkg RJD52

QTC SML FM RCQK RJD52 RJD88 =

07181 99429 10485 41794 70507 10210 2//// 40080 52000 70200 81000 22200 88000 80000 07014 = RCQK K

6149 kHz, 08-09, 1207 UTC. RCQK wkg RJD52

QTC SML 723 18 8 1501 723 = FM RCQK FOR RJD52 RJD88 =

08121 99420 10483 41998 10706 10068 2//// 30061 50000 70200 83000 22200 88000 80000 08014 = AR RCQK

8345 kHz, 08-09, 1211 UTC. RAG58 wkg RIT

QTC SML 451 19 8 1500 541 = FOR RJH45 RJH74 =

08121 99740 11375 41598 90512 10040 40132 51000 70222 89/// 22212 00010 2//// 3//// 4//// 88/// 08016 = AR

RAG58 K

8345 kHz, 08-09, 1222 UTC. RFH61 wkg RIT

QTC SML 570 19 1500 570 = SML FOR RJH45 RJH74 RJD38 RIF4 =
08121 99750 11222 41598 72404 10042 40140 57003 70222 76000 22273 00030 23601 08013 = AR
RFH61 K

8345 kHz, 08-09, 1241 UTC. RJP99 wkg RIT

QTC SML : 70817 8 1515 708 = FOR RJH74 RJH45 =
08121 99777 11368 42598 72607 10027 40147 51003 875// 22232 00045 20202 330// 40403 08014 = AR
RJP99 K

8345 kHz, 08-09, 1245 UTC. RJP96 wkg RIT

QTC SML : 283 17 8 1505 283 = FM RJP96 RHC93 FOR RJH45 RJH74 =
08121 99735 10803 41698 73409 10030 40119 52029 70215 8732/ 22200 20702 08012 = AR
RJP96 K

3500.5 kHz, 08-09, 0542 UTC. RJD56 wkg RCP

QTC SML RA 00000 MSK 8 SENT 2018 GODA DEJSTWUÛT NAWIGACIÖNNYE OPOWEQENIÄ POO FLOTU 2017 GOD 23 66 69 2018
GOD 1 4 5 6 7 8 9 10 11 12 13 15 20 32 55 57 68 71 73 75 78 79 80 81 82 83 84 85 86 87 90 92 93 = (sent twice) AR

3309 kHz, 10-09, 1607 UTC

RCC DE RLP69 QRU K
RCC DE RLP69 QSA ? K

3309 kHz, 14-09, 1831 UTC

RCC DE RLP69 QSA ? K QTC K
RLP69 DE RCC QSA 2 QRV K
RLP69 567 17 14 2100 567 =
FM LP69 FOR RJH45 RJH48 RJE60 =
14181 99528 11601 41499 42006 10100 4011. 57010 70200 84500 22221 00.20 2//01 =
AR RLP69 K
RCC R 567 K
RLP69 OK QRU K
RCC DE RJI39 QSA ? QTC K
DE RCC QRZ ? K
RJI39
RJI39 DE RCC QSA 2 QRV K
RJI39 561 15 14 2100 561 =
FM RJI39 FOR RJH45 RJH48 RJ 6. =
14182 99527 11575 43997
RCC R 561 K
RJI39 QRU K

3309 kHz, 21-09, 1629 UTC, i.p.

VVV RCC DE RJQ50 QSA ? K
RJQ50 DE RCC QSA 1 QSA ? QTC K
RCC DE RJQ50 QSA 1 QRV K
RCC 032 49 21 1356 032 =
FM RCC FOR RJQ50 =
38933 42031 07668 75832 58189 85055 45644 04755 94117 58189 (Cont'd)

8152 kHz, 26-09

0611 UTC XXX REO 39726 AKWARIUMIST 9056 3689 K
0644 UTC XXX REO 14233 LIDSOGNEW 6880 5699 K
0645 UTC XXX REO 86858 KRIPOKLIÖ 9761 9768 K
0652 UTC XXX REO 77025 DOLGONATR 0521 1056 K
0655 UTC XXX REO 71629 WYKORMYCh 5029 2607 K

M32b - Russian Naval Aviation (Aviatsiya Voennno-morskogo Flota Rossii)

8816 kHz, 01-09, 0740 UTC

RJC38 RJF94 DE 10741
QTH 14440 14316 QTR 0737 QBG 7000 QRE XRAP 0840 K
QQM XRAP 0834 SK

8816 kHz, 01-09, 0758 UTC

RJC38 RJF94 DE 26957
QTH 17004 14014 QTR 0755 QBD 0400 QBG 5800
QTH 17045 14521 QTR 0818 QBD 0330 QRE XLDR 0900 K
QQM XLDR 0900 SK

8816 kHz, 01-09, 1019 UTC

RJC38 RJF94 DE 26957
QTO 1007 QRD XLMD XLDR QRE 1220 QBD 0500 K
QTH 17105 14639 QTR 1045 QBD 0400 QBG 5500 K
QTH 17027 14135 QTR 1118 QBD 0330 K
QTH 16949 13743 QTR 1140 QBD 0300 QRE XLMD 1220 K
QQM XLMD 1218 SK

8816 kHz, 01-09, 1113 UTC

RJC38 RJF94 DE 10741
QTO 1101 QRD XUMO XRAP QRE 1330 QBD 0800 K
QTH 14915 14340 QTR 1207 QBG 6700 QBD 0700 K
QTH 15047 14037 QTR 1244 QBG 6700 QRE XUMO 1345 K
QQM XUMO 1341 SK

8816 kHz 01-09, 1113 UTC

RJC38 RJF94 DE 10741
QTO 1508 QRD XLMD XUMO QRE 1808 QBD 0500 K
QTH 16001 13745 QTR 1622 QBG 3900 QBD 0400 K
QTH 16456 13429 QTR 1729 QBG 3600 QBD 0300 QRE XLMD 1830 K
QQM XLMD 1830 SK

8816 kHz, 06-09, 0737 UTC

RJF94 RJC38 DE 26957
QTO 0722 QRD XRFI XRKE QRE 0840 QBD 0500 K
QQM XRFI 0837 SK

8816 kHz, 06-09, 0828 UTC

RJC38 RJF94 DE 84261
QTO 0815 QRD XLWF XRKE QRE 1105 QBD 0430 K
QTH 15143 14011 QBD 0330 K
QTH 15631 13456 QBD 0230 K
QQM XLWF 1055 SK

8816 kHz, 06-09, 0834 UTC

RJF94 RJC38 DE 84364
QTO 0820 QRD XLWF XRKE QRE 1120 QBD 0500 K
QTH 15143 14010 QBD 0350 K
QTH 15637 12410 QBD 0250 K
QQM XLWF 1117 SK

8816 kHz, 06-09, 0925 UTC

RJF94 DE 54544 QTO 0725 QRD XLMD XUMB QBD 0700 QRE 1025 K
QTR 0925 QQL ULPE QBG 6700 K
QQM XLMD 1025 SK

8816 kHz, 06-09, 1011 UTC
RJF94 RJC38 DE 26957
QTO 1001 QRD XRKE XRFI QRE 1120 QBD 0330 K
QQM XRKE 1118 SK

APPENDIX I

F06a conversion

F06a sends its texts in ASCII HEX. These text must be converted to ASCII to show the contents of the file that is sent. What do you have to do?

First you will have to remove the line numbers and CRC OK, and the info lines: [INFO] 110 blocks, 1 message(s)

So
[#1] 0000065100003030333236312e544c47 | CRC OK

will become
0000065100003030333236312e544c47

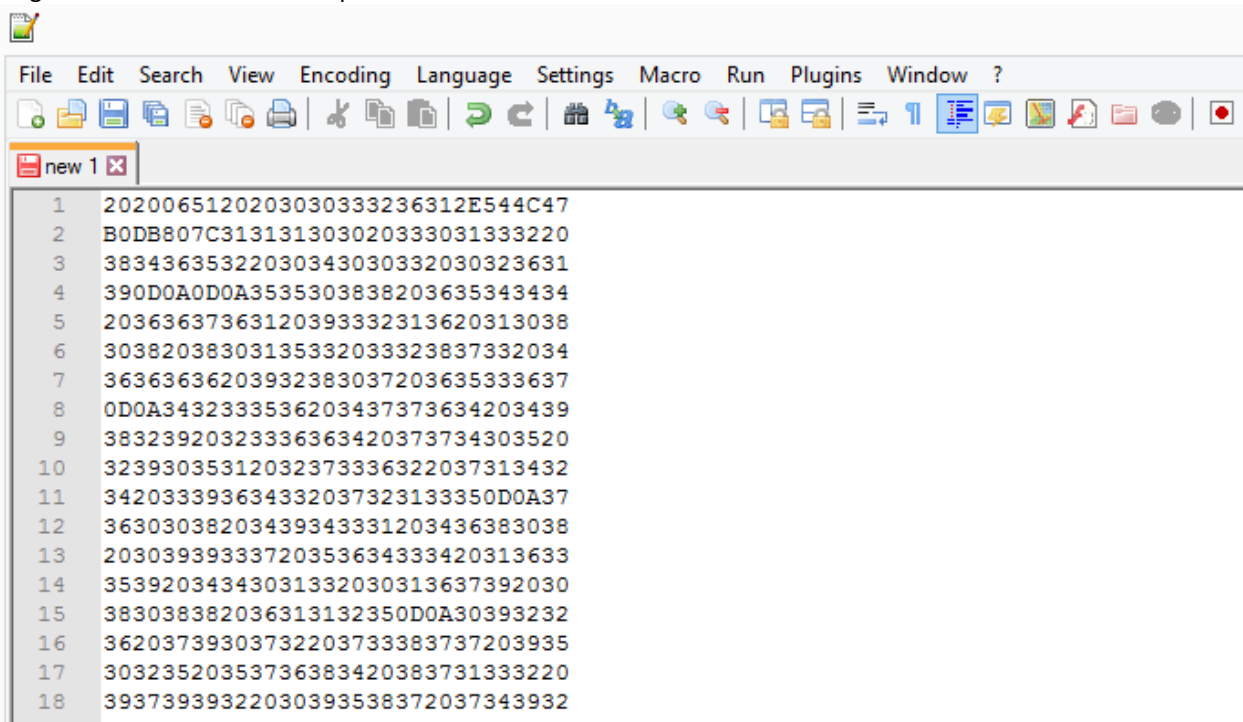
Then open <https://www.rapidtables.com/convert/number/hex-to-ascii.html> and copy paste the hex code into the “hex input” box. Click “convert” and you will see the ASCII text output in ASCII box.

A fine offline program that you can use is Notepad++ , a free program available here <https://notepad-plus-plus.org/>

Remove the line numbers and CRC OK, and the info lines: [INFO] 110 blocks, 1 message(s) .

Mark the text that should be converted. Click on Plugins, then HEX-ASCII and the converted text will appear.

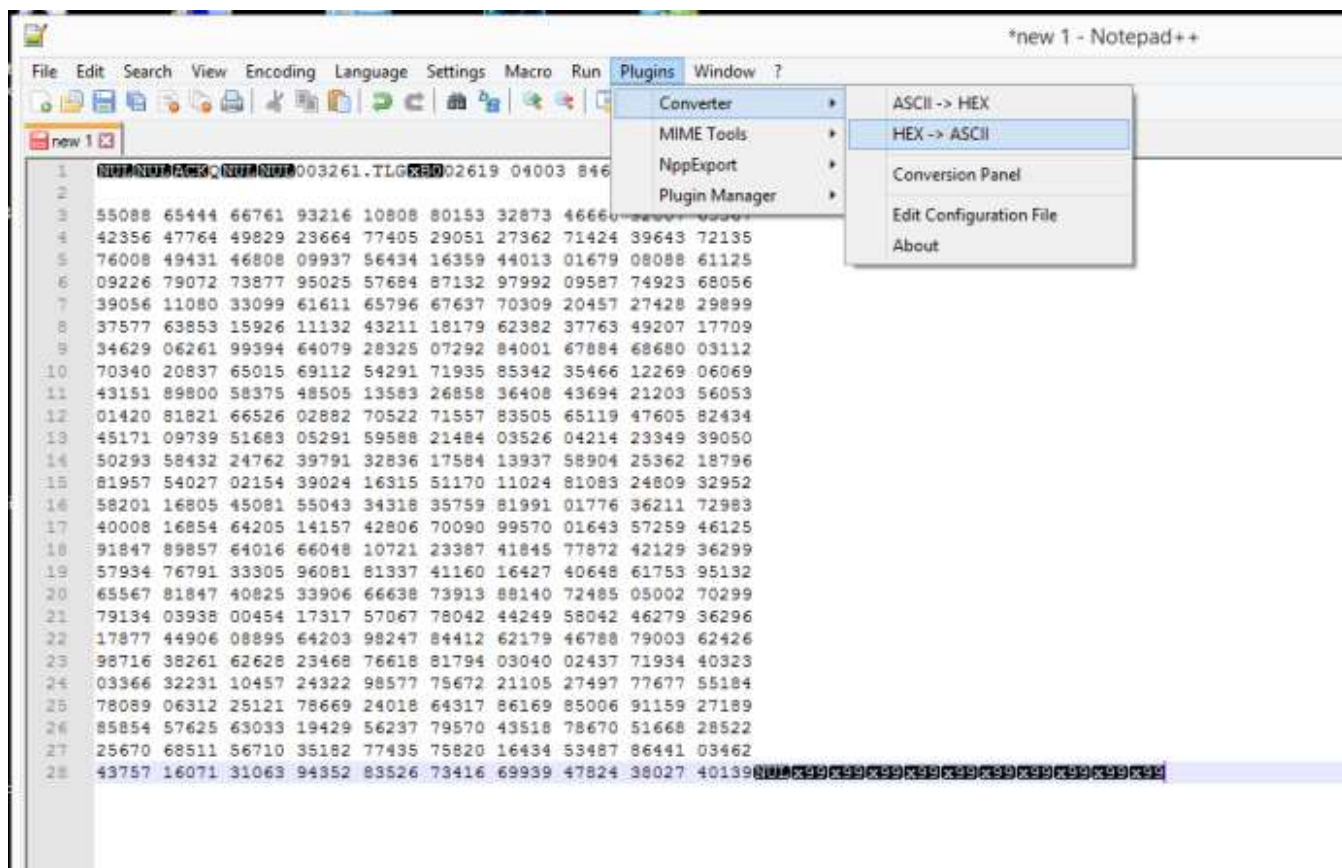
Original text screenshot in Notepad++



The screenshot shows the Notepad++ interface with a menu bar (File, Edit, Search, View, Encoding, Language, Settings, Macro, Run, Plugins, Window, ?) and a toolbar. A single window titled 'new 1' is open, displaying 18 lines of hexadecimal text. The text is as follows:

```
1 2020065120203030333236312E544C47
2 B0DB807C313131303020333031333220
3 38343635322030343030332030323631
4 390D0A0D0A3535303838203635343434
5 20363637363120393332313620313038
6 30382038303135332033323837332034
7 36363636203932383037203635333637
8 0D0A3432333536203437373634203439
9 38323920323336363420373734303520
10 32393035312032373336322037313432
11 342033393634332037323133350D0A37
12 36303038203439343331203436383038
13 20303939333720353634333420313633
14 35392034343031332030313637392030
15 383038382036313132350D0A30393232
16 36203739303732203733383737203935
17 30323520353736383420383731333220
18 39373939322030393538372037343932
```

Converted text screenshot in Notepad++



APPENDIX II

Greetings,

Now that the sporadic network activity burst has come to an end, it's time to see what transmissions have been collected from this network during this first week of September. For starters, more than 32 different transmissions have been logged, featuring voice (E06/S06) and digital (F01/F06/F06a), and more than 35 schedules have been identified as part of this network so far. This is nearly 50% of the family's active schedules.

It has been also discovered that some old dead schedules (e.g E06 ID 759 or F01 Thursday 1900z/2000z) are still active but only sporadically, and eventually showed up on its former schedules during a couple of days. The schedules that show this behavior are indicated in the following logs.

Apart from that, F06a has showed up several times during this period, in one case following a temporary schedule (which is now gone), with message type 11100 and .TLG files. It's still unknown whether some F06a transmissions are also part of the sporadic network.

Without further ado, here are the logs. Special thanks to danix111, linkfanel and the rest of the Priyom team for helping out in some transcriptions, schedule hunts and logs, this can be considered their work as well.

For now, this is everything that the Priyom team has managed to catch in this sporadic network season. The page of the sporadic network has been updated as well: <http://priyom.org/number-stations/operators/russian-6/sporadic-network>
The next activity is expected in early/mid March 2019.

73s, qsr711

E06

10210/8140 kHz, 06-09, 1300/1400 UTC

192 580 42 89310 78612 03401 ... 00903 90266 76493 580 42 00000

12197/9132 kHz, 06-09, 1430/1530 UTC

158 379 164 75366 66227 55962 ... 03704 17188 06138 379 164 00000

6874/5179 kHz, 04-09/05-09, 0030/0130 UTC

759 162 43 34936 48162 11452 ... 98981 13092 59429 162 43 00000

6874/5179 kHz, 06-09/07-09, 0030/0130 UTC

759 416 32 65811 62185 79811 ... 79556 13942 25909 416 32 00000

S06

8056/5846 kHz, 04-09/05-09, 2130/2230 UTC

726 859 40 83744 10470 93321 ... 78541 78413 14089 859 40 00000

11643/9097 kHz, 04-09/05-09, 1515/1615 UTC

409 561 48 50102 66729 73975 ... 90458 54144 94518 561 48 00000

F01

13396/16199/19588 kHz, 06-09, 0800/0810/0820 UTC

Serial #19, 163 groups

69357 91210 02196 ... 02505 19163 00000

8163/10566/13516 kHz, 06-09, 0920/0930/0940 UTC

Serial #8, 251 groups

83867 85572 15179 ... 48921 50728 08251 00000

11073/14392/18177 kHz, 05-09/06-09, 0930/0940/0950 UTC

Serial #10, 197 groups

48434 56439 26105 ... 95846 00093 10197 00000

11613/13437/16191 kHz, 05-09/06-09, 1100/1110/1120 UTC

Serial #18, 157 groups

38385 51443 14442 ... 77584 17923 18157 00000

8173/11467/13826 kHz, 05-09/06-09, 1110/1120/1130 UTC.

Serial #9, 213 groups

96517 59436 83143 ... 55143 89388 09213 00000

11161/13432/15613 kHz, 05-09/06-09, 1350/1400/1410 UTC

Serial #12, 200 groups

49231 46183 40230 ... 15438 16765 12200 00000

6807/9407/12098 kHz, 05-09/06-09, 1410/1420/1430 UTC

Serial #11, 241 groups

65215 07800 32805 ... 21392 46109 11241 00000

6807/9407/12098 kHz, 05-09/06-09, 1410/1420/1430 UTC

Serial #6, 248 groups

51115 37908 92494 ... 93860 97445 06248 00000

9239/6904/5087 kHz, 04-09/05-09, 1900/1910/1920 UTC

Serial #11, 168 groups

08768 64609 56522 ... 39295 43625 11168 00000

5803/7803/9937 kHz, 04-09/05-09, 1945/1955/2005 UTC

Serial #11, 196 groups

75651 29025 92312 ... 39190 53805 11196 00000

F06 Link 00000: 13385/11126/9231 kHz, 05-09, 1600/1610/1620 UTC

(Link 00000, but with transmission type 11166 instead of usual 11100. Maybe it's not part of sporadic network, but interesting for that and for showing a not-very-high serial number):

Serial #5, 198 groups

11166 00000 47820 05005 02009

15073 07192 94564 ... 43831 07068 05198 00000

F06 Link 30011: 9433/13389/16264 kHz, 04-09/05-09, 1200/1210/1220 UTC

(double message transmission, both messages are exactly the same but with the first group is different):

First message, serial #43, 243 groups:

11166 30011 12378 04043 02459

15287 39911 24493 ... 18436 94349 43243 00000

Second message, serial #44, 243 groups: Same as #43, but first group is different (46795 instead of 15287) and penultimate group is 44243 (increased serial number).

11166 30011 12378 04043 02459

46795 39911 24493 ... 18436 94349 44243 00000

F06 link 90017: 15816/13383/11017 kHz, 05-09/06-09, 1520/1530/1540 UTC

Serial #4, 187 groups

11166 90017 82915 05004 01899

11898 90039 22871 ... 45302 78058 04187 00000

F06 Link 40034: 14359/12217/10159 kHz, 03-09/04-09, 1600/1610/1620 UTC

Serial #2, 202 groups

11166 40034 15972 03002 02049

26364 62278 18180 ... 40128 94345 02202 00000

F06 link 40034: 14359/12217/10159 kHz, 05-09/06-09, 1600/1610/1620 UTC

Serial #3, 157 groups

11166 40034 65493 05003 01599

24272 59421 10123 ... 78398 74978 03157 00000

F06 Link 10042: 19509/16249/13836 kHz, 05-09/06-09, 1030/1040/1050 UTC

Serial #10, 206 groups

11166 10042 84620 05010 02089

44889 21909 39145 ... 56595 38254 10206 00000

F06 Link 70082: ???/17476/16115 kHz, 06-09/07-09, 1100/1110/1120 UTC

Serial #11, 187 groups

11166 70082 63924 06011 01899

64243 74076 56518 ... 10415 53291 11187 00000

F06 Link 00089: ???/???/10399 kHz, 05-09/06-09, 1700/1710/1720 UTC

Serial #2, 235 groups

11166 00089 17345 05002 02379

27480 18608 06606 ... 10660 77967 02235 00000

F06 Link 70213 (former regular schedule): 11084/9056/7848 kHz, 05-09/06-09, 0530/0540/0550 UTC

Serial #5, 215 groups

11166 70213 82476 03005 02179

80909 80499 59856 ... 47654 65910 05215 00000

F06 link 70213: 11084/9056/7848 kHz, 06-09/07-09, 0230/0240/0250 UTC

Serial #6, 176 groups

11166 70213 23195 05006 01789

47083 13938 08668 ... 23316 23960 06176 00000

F06a

F06a temporary schedule: 1550z/1600z/1610z 10234/9414/7933khz CF, Link 30132. this link probably transmitted on two schedules simultaneously (note serials 1, 3, 5, 7). The other schedule hasn't been found:

10234/9414/7933 kHz, 03-09, 1550/1600/1610 UTC.

2018-09-03: File received: 001250.TLG, 1550 bytes. Contents:
11100 30132 54698 03001 02509
39804 80835 52283 ... 86966 26392 91542

10234/9414/7933 kHz, 04-09, 1550/1600/1610 UTC.

2018-09-04: File received: 003261.TLG, 1617 bytes. Contents:
11100 30132 84652 04003 02619
55088 65444 66761 ... 47824 38027 40139

10234/9414/7933 kHz, 05-09, 1550/1600/1610 UTC.

2018-09-05: File received: 005260.TLG, 1611 bytes. Contents:
11100 30132 59632 05005 02609
93050 09900 54463 ... 91313 34312 35769

10234/9414/7933 kHz, 06-09, 1550/1600/1610 UTC.

File 007251.TLG, 1556 bytes containing the following message:
11100 30132 86423 06007 02519
42459 84345 66546 ... 74636 18832 83423

Other F06a logs:

Link 70213: 14370 kHz, 06-09, 0530 UTC

File received 01-297 (no extension), 1852 bytes. Contents:
11100 70213 16874 06001 02989
73319 09903 24746 ... 33378 11013 04943

16287/14382/12194 kHz, 06-09, 1115/1125/1135 UTC

File received 02-262 (no extension), 1639 bytes. Contents:
11100 70213 96871 06002 02639
05669 96331 21830 ... 11980 02475 61217

Link 90215: 16345/14689/12197 kHz, 05/09, 1100/1110/1120 UTC

File received 02-266 (no extension), 1663 bytes. Contents:
11100 90215 68710 05002 02679
87748 67378 56404 ... 59816 37632 70454
50589 42831 44114 87167 91904 19299

Link 90051: 16176/14388/12165 kHz, 06-09, 1750/1800/1810 UTC

File received 004271.TLG, 1678 bytes. Contents:
11100 90051 64318 06004 02719
19741 30959 97829 ... 40282 23194 47337

APPENDIX III

After August's upheaval in the far-eastern group-count-cycle network, whose message group counts basically stopped smoothly incrementing, here are my logs and observations for September. In the first week I feared transmissions on this network had simply stopped, but then it brought new surprises, and maybe a small semblance of a slow return to some structure. At least, group counts on the two Thursday schedules, E06 ID 361 and S06 ID 842, seem decidedly back in sync.

E06 ID 537 (Monday/Tuesday, 0210/0310z)

September 3/4: No transmission

September 10/11:

537 806 47

43394 86772 14228 68783 75341 38978 46088 24728 50694 55916

41705 07749 41944 50219 90097 67212 92282 94647 14127 87705

51086 43299 95291 06782 31390 62683 47846 79284 00255 27341

15670 55441 37994 59710 90325 64914 27179 18916 73749 24002

57370 68163 34005 08158 56507 75448 27546

September 17/18:

537 429 38

96248 52817 53471 93524 40216 36215 52017 64152 81752 41376

84579 02968 86951 96532 40812 76498 84569 72865 51738 04368

64702 19340 56703 69873 65723 42598 48631 05286 48397 31658

52380 70429 89536 07238 35108 73128 90752 12549

Note:

Fellow monitor alphavox spotted in the above message that each group contains 5 distinct digits, i.e. no digit ever appears twice or more within a group; which is a serious statistical anomaly, and probably has something deliberate behind it. I haven't seen this behavior before. Good catch!

September 24/25:

537 106 49

57016 31259 12095 58240 58742 78352 31467 85634 59130 53142

31486 30924 67932 14803 12794 63120 68512 31524 01965 30928

63154 34678 43987 37890 71986 95348 59368 76350 93870 34906

89207 38914 82307 31849 03298 37690 61250 51403 71840 75418

37290 03914 71439 39586 75892 82491 30682 09654 40783

Note: observe again the lack of repeated digits within groups

E06 ID 361 (Thursday/Friday, 0300/0400z)

September 6/7: No transmission

September 13/14:

361 984 37

19066 40654 23058 19126 03432 88369 73009 35436 66093 48932

20583 39581 30594 52333 52128 20307 00701 92575 88522 11281

66110 99965 65345 85689 44197 93565 13928 55231 43721 43522

91710 15691 61455 97937 35372 06287 47659

September 20/21:

361 507 42

81273 51006 81979 52516 29188 85641 24132 76433 55853 60899

42783 45075 93863 14330 73610 51453 56406 27472 77303 39035

35890 12733 42734 61330 20636 90606 41781 99779 03079 24409

71756 19633 77901 04717 46368 68503 53553 00709 21151 47282

25585 20583

September 27/28:

361 289 35

53789 81475 69878 50241 11304 75406 27466 58620 59218 64096
11727 60057 47449 12345 97707 60043 29704 94905 65306 63694
34757 46651 18836 17368 93304 90568 95768 96088 93817 10776
00561 16453 65831 62748 24523

S06 ID 842 (Thursday/Friday, 0830/0930z)

September 6:

842 730 188

47975 99852 65089 98469 51322 23161 61795 64407 75219 46175
59131 63420 66039 22221 96266 06636 09145 14162 92948 40041
33382 04502 57804 18282 45475 06883 52903 78330 11522 26609
31370 42728 59432 63232 94099 02128 45277 37857 20107 19470
81880 24507 54749 57061 15987 21130 22843 83186 12787 18369
02426 64635 35397 15188 43049 58676 02835 14331 92466 42547
28309 21503 76218 43634 54203 49186 93553 95652 68891 10543
41708 29883 70828 76572 91393 46077 52569 76846 70552 05060
48325 10369 99754 90043 84160 18733 32180 52957 89259 85135
12871 41126 77889 04482 32412 88470 60206 46532 73939 07268
79467 60808 17410 25311 13864 10969 38589 52687 27722 03244
66668 87748 61002 17789 97870 35683 62385 99653 86428 51053
76376 56715 79563 21522 89686 93055 58461 79972 60423 18012
17295 55690 55101 76191 48160 04284 84904 18989 73373 38859
43891 91925 89435 05979 73472 47371 91081 03191 22596 68251
81141 55148 67143 31166 96373 91614 66015 53051 23076 05025
51271 67871 23540 96628 53780 15152 01766 27080 60384 05090
33578 17092 98315 69389 57285 55350 52949 09004 18276 23657
39919 16003 26986 93085 54683 80374 37916 43283

Notes:

1. *Huge, outstanding group count of 188 groups, whereas it's normally always between 30 and 50 groups.*
2. *Transmission from Moscow instead of the Far East: apart from obvious signal strengths on various receivers, subtle clues include tune-up tones instead of "0123456789" test counts, and a lack of pause in the preamble and postamble.*
3. *I was unable to hear any repeat transmission at all on September 7.*
4. *This took place concurrently to a seasonal event from this operator featuring numerous and varied sporadic transmissions; this might be linked.*

September 13/14:

842 195 37

01336 77927 53689 66861 81209 03812 38240 78056 43370 65374
98969 41892 41509 41006 52516 39968 50691 16365 53796 55044
00603 94348 64650 08018 29208 07134 32744 46178 92749 09938
79159 74911 93041 61213 18116 50056 07978

September 20/21:

842 763 42

47376 80365 21592 57581 54134 81476 73810 02321 47531 54289
53624 13227 26765 01597 84041 25621 44876 45806 38113 84818
03716 47519 50553 97958 81820 88648 52106 99593 31134 99788
25105 23246 03515 36498 03665 96099 92967 34200 66932 99029
04531 96387

September 27/28:

842 109 35

84858 85836 51509 31265 49440 74429 80611 96035 12462 99718

29740 13968 57991 78893 44089 82292 03516 31007 52011 83187

36949 55760 27665 40720 20141 44793 16242 90820 57324 17694

82751 68832 51952 99898 60258

Pierre Ynard,
with priyom.org

CONTRIBUTORS

Thanks for your input. I hope that I didn't forget anyone.

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AB-AUT	Ary Boender via remote rx Austria	HFD	Hans-Friedrich Dumrese, Germany
AB-EST	Ary Boender via remote rx Estonia	HFD-GRC	Hans-Friedrich Dumrese via remote rx Greece
AB-G	Ary Boender via remote rx UK	HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
AB-GRC	Ary Boender via remote rx Greece	HFD-USA	Hans-Friedrich Dumrese via remote rx USA
AB-I	Ary Boender via remote rx Italy	HK	Hiroyuki Komatsubara, Japan
AB-J	Ary Boender via remote rx Japan	JPL	JPL, NB, Canada (and various remote rx)
AB-KOR	Ary Boender via remote rx South Korea	JPL-J	JPL via remote rx Japan
AB-NZL	Ary Boender via remote rx New Zealand	JPL-KOR	JPL via remote rx South Korea
AB-POL	Ary Boender via remote rx Poland	JPL-Sib	JPL via remote rx Siberia
AB-QAT	Ary Boender via remote rx Qatar	JU	Jay Updike, W. Europe
AB-ROU	Ary Boender via remote rx Romania	linkz	Linkz, S.E. France
AB-UKR	Ary Boender via remote rx Ukraine	MDK2	MDK2, USA
Arg	Argonn, Poland (via Priyom)	MPJ	Jim, SW England
Avare	Avare, Russia	MPJ-AUT	Jim via remote rx Austria
BR	Brian Rogers, UK	MPJ-HOL	Jim via remote rx Netherlands
BW3	Barry Williams, AL, USA	MPJ-I	Jim via remote rx Italy
BW3-G	Barry Williams via remote rx UK	MPJ-ROU	Jim via remote rx Romania
BW3-GRC	Barry Williams via remote rx Greece	MPJ-RUS	Jim via remote rx Russia
BW3-HOL	Barry Williams via remote rx Netherlands	Priyom	Priyom.org
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Danix-USA	Danix via remote rx USA	RR2	Rich Ray, IL, USA
ES	Edward Smith, UK	SDX	Sat Dixer
EW	Eddy Waters, Australia	skx	skeezix, MN, USA
F5JBR	F5JBR André, France	W9SPY	Curt
F5JBR-J	F5JBR André via remote rx Japan	WP3	Wolfgang Palmberger

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Ctrb
	3012	1-9	1950	Sat	Goose channel marker	USB	(AB)
---	4020	3-9	1155	Mon	Air Horn channel marker	USB	(AB-EST)
---	4310	3-9	1559	Mon	Goose channel marker	USB	(AB)
---	3733	4-9	0908	Tue	North Korean military: VVV FDI DE H7F QSA ? K. 32 II 472 0 K. 47280 K	CW	(JPL-KOR)
---	5337	4-9	0908	Tue	North Korean military: VVV HLJ DE 7GS QRU	CW	(JPL-KOR)
---	5717	5-9	0804	Wed	North Korean military: VVV HMC DE U2B QSA ? QSA 5 QRU SK K E E	CW	(JPL-KOR)
---	3691.5	5-9	1702	Wed	North Korean military i.p. X3 BT 050502 R340 R006 RE01 R 264 R 100 R0000 R 220R 10 K. ABV ABV BT 050502 230 00 120 2600 1000 0000 2020 1. K	CW	(JPL-KOR)
---	3147	6-9	1530	Thu	North Korean military i.p. R17 R80 R08 R7. ... R00 R99. K	CW	(JPL-J)
---	9027	7-9	1206	Fri	Unid i.p. 2789 05346 82317 75252 38285 EEEE 28555 9022 K = 48536 2789 K	CW	(JPL-J)
DPRK	12850	5-9	1248	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11455	5-9	1249	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	10115	5-9	1253	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	9775	5-9	1255	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14540	5-9	1810	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12115	6-9	0738	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13050	10-9	0536	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	18038	24-9	0500	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13050	24-9	0540	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13050	25-9	1328	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13050	26-9	0545	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13050	28-9	0539	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13050	29-9	0537	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	5380	3-9	1930	Mon	New ID. 818 643 50 58540 71261 69789 ... 16774 93505 12730 643 50 00000	USB	(qsr711/Arg/linkz)
E06	6874	4-9	0030	Tue	759 416 32 65811 62185 79811 ... 79556 13942 25909 416 32 00000	USB	(AB/Priyom)
E06	5197	4-9	0130	Tue	759 416 32 65811 62185 79811 ... 79556 13942 25909 416 32 00000	USB	(AB/Priyom)
E06	14370	6-9	0500	Thu	354 812 60 70007	USB	(HFD)
E06	16265	6-9	0600	Thu	354	USB	(HFD)
E06	10210	6-9	1300	Thu	192 580 42 89310 78612 03401 ... 00903 90266 76493 580 42 00000	USB	(Avare/Priyom/HFD)
E06	8140	6-9	1400	Thu	192 580 42 89310 78612 03401 ... 00903 90266 76493 580 42 00000	USB	(Avare/Priyom/HFD)
E06	12197	6-9	1430	Thu	158 379 164 75366 66227 55962 ... 03704 17188 06138 379 164 00000	USB	(Avare/Priyom/HFD)
E06	9132	6-9	1530	Thu	158 379 164 75366 66227 55962 ... 03704 17188 06138 379 164 00000	USB	(Avare/Priyom/HFD)
E06	5186	6-9	2030	Thu	891 149 52 12265 10965 47839 ... 53234 05124 95732 149 52 00000	USB	(AB)
E06	5197	7-9	2129	Fri	early start 634 634 634 00000	USB	(HFD)
E06	13470	20-9	0500	Thu	354 769 51 77123 42069 27943 ... 54887 73048 29980 769 51 00000	USB	(AB-AUT)
E06	16265	20-9	0600	Thu	354 769 51 77123 42069 27943 ... 54887 73048 29980 769 51 00000	USB	(AB-AUT)
E06	5186	20-9	2029	Thu	891 134 57 69834 91020 28974 ... 72813 26743 84732 134 57 00000	USB	(AB/HFD)

E06	13470	21-9	0500	Fri	354 769 51 77123 42069 27943 ... 54887 73048 29980 769 51 00000	USB	(AB-AUT)
E06	16265	21-9	0600	Fri	354 769 51 77123 42069 27943 ... 54887 73048 29980 769 51 00000	USB	(AB-AUT)
E06	5197	21-9	2130	Fri	634 134 57 69834 91020 28974 ... 72813 26743 84732 134 57 00000	USB	(AB)
E07	9064	1-9	0600	Sat	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000	USB	(AB/HFD)
E07	10264	1-9	0620	Sat	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000	USB	(AB/HFD)
E07	11464	1-9	0640	Sat	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000	USB	(AB/HFD)
E07	9064	2-9	0600	Sun	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000	USB	(AB)
E07	10264	2-9	0620	Sun	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000	USB	(AB)
E07	11464	2-9	0640	Sun	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000	USB	(AB)
E07	12139	2-9	1700	Sun	161 161 161 1 9309 156 9309 156 86332 61979 34874 ... 39505 36392 17920 000 000	USB	(AB/HFD)
E07	10639	2-9	1720	Sun	161 161 161 1 9309 156 9309 156 86332 61979 34874 ... 39505 36392 17920 000 000	USB	(AB/HFD)
E07	9139	2-9	1740	Sun	161 161 161 1 9309 156 9309 156 86332 61979 34874 ... 39505 36392 17920 000 000	USB	(AB/HFD)
E07	14584	3-9	1900	Mon	535 535 535 000	USB	(AB/MPJ/HFD)
E07	13384	3-9	1920	Mon	535 535 535 000	USB	(AB/MPJ/HFD)
E07	16354	4-9	0700	Tue	363 1-429/91=70998	USB	(HFD)
E07	18654	4-9	0720	Tue	363 1	USB	(HFD)
E07	19353	4-9	0740	Tue	363 1	USB	(HFD)
E07	18438	4-9	1100	Tue	439 439 439 1 515 113 515 113 54356 90477 24027 ... 78843 58670 06747 000 000	USB	(AB-G/MPJ/HFD-RUS)
E07	16338	4-9	1120	Tue	439 439 439 1 515 113 515 113 54356 90477 24027 ... 78843 58670 06747 000 000	USB	(AB-G/MPJ/HFD-RUS)
E07	14938	4-9	1140	Tue	439 439 439 1 515 113 515 113 54356 90477 24027 ... 78843 58670 06747 000 000	USB	(AB/MPJ/HFD-RUS)
E07	12139	5-9	1700	Wed	161 161 161 1 9309 156 9309 156 86332 61979 34874 ... 39505 36392 17920 000 000	USB	(AB/MPJ)
E07	10639	5-9	1720	Wed	161 161 161 1 9309 156 9309 156 86332 61979 34874 ... 39505 36392 17920 000 000	USB	(AB/MPJ)
E07	9139	5-9	1740	Wed	161 161 161 1 9309 156 9309 156 86332 61979 34874 ... 39505 36392 17920 000 000	USB	(AB/MPJ)
E07	14584	5-9	1900	Wed	535 535 535 000	USB	(AB/MPJ)
E07	13384	5-9	1920	Wed	535 535 535 000	USB	(AB/MPJ)
E07	18438	7-9	1100	Fri	439 439 439 1 515 113 515 113 54356 90477 24027 ... 78843 58670 06747 000 000	USB	(MPJ)
E07	16338	7-9	1120	Fri	439 439 439 1 515 113 515 113 54356 90477 24027 ... 78843 58670 06747 000 000	USB	(MPJ)
E07	14938	7-9	1140	Fri	439 439 439 1 515 113 515 113 54356 90477 24027 ... 78843 58670 06747 000 000	USB	(MPJ)
E07	9064	8-9	0600	Sat	024 024 024 000	USB	(AB)
E07	10264	8-9	0620	Sat	024 024 024 000	USB	(AB)
E07	12139	9-9	1700	Sun	161 161 161 000	USB	(AB/MPJ)
E07	10639	9-9	1720	Sun	161 161 161 000	USB	(AB/MPJ)
E07	14584	10-9	1900	Mon	535 535 535 000	USB	(AB/MPJ)
E07	13384	10-9	1920	Mon	535 535 535 000	USB	(AB/MPJ)
E07	16354	11-9	0700	Tue	363 363 363 000	USB	(AB)
E07	18654	11-9	0720	Tue	363 363 363 000	USB	(AB)
E07	16338	11-9	1120	Tue	439 439 439 000	USB	(MPJ)
E07	12139	12-9	1700	Wed	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000	USB	(AB/MPJ)
E07	10639	12-9	1720	Wed	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000	USB	(AB/MPJ)
E07	9139	12-9	1740	Wed	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000	USB	(AB/MPJ)

E07	14584	12-9	1900	Wed	535 535 535 000																USB	(AB/MPJ)		
E07	13384	12-9	1920	Wed	535 535 535 000																	USB	(AB/MPJ)	
E07	9064	15-9	0600	Sat	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000																	USB	(AB)	
E07	10264	15-9	0620	Sat	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000																	USB	(AB)	
E07	11464	15-9	0640	Sat	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000																	USB	(AB)	
E07	9064	16-9	0600	Sun	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000																	USB	(AB)	
E07	10264	16-9	0620	Sun	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000																	USB	(AB)	
E07	11464	16-9	0640	Sun	024 024 024 1 401 61 401 61 36201 09304 35321 ... 65947 97944 08424 000 000																	USB	(AB)	
E07	12139	16-9	1700	Sun	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000																		USB	(AB)
E07	10639	16-9	1720	Sun	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000																		USB	(AB)
E07	9139	16-9	1740	Sun	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000																		USB	(AB)
E07	14584	17-9	1900	Mon	535 535 535 000																		USB	(AB)
E07	13384	17-9	1920	Mon	535 535 535 000																		USB	(AB)
E07	18438	18-9	1100	Tue	439 439 439 1 6841 87 6841 87 98678 38898 89298 ... 42062 51395 83921 000 000																		USB	(AB-AUT/MPJ)
E07	16338	18-9	1120	Tue	439 439 439 1 6841 87 6841 87 98678 38898 89298 ... 42062 51395 83921 000 000																		USB	(AB-AUT/MPJ)
E07	14938	18-9	1140	Tue	439 439 439 1 6841 87 6841 87 98678 38898 89298 ... 42062 51395 83921 000 000																		USB	(AB/MPJ)
E07	12139	19-9	1700	Wed	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000																		USB	(AB/MPJ)
E07	10639	19-9	1720	Wed	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000																		USB	(AB/MPJ)
E07	9139	19-9	1740	Wed	161 161 161 1 405 101 405 101 85480 70570 20624 ... 52071 52966 63340 000 000																		USB	(AB/MPJ)
E07	14584	19-9	1900	Wed	535 535 535 000																		USB	(AB/MPJ/Dan)
E07	13384	19-9	1920	Wed	535 535 535 000																		USB	(AB/MPJ/Dan)
E07	18438	21-9	1100	Fri	439 439 439 1 6841 87 6841 87 98678 38898 89298 ... 42062 51395 83921 000 000																		USB	(AB-G/MPJ)
E07	16338	21-9	1120	Fri	439 439 439 1 6841 87 6841 87 98678 38898 89298 ... 42062 51395 83921 000 000																		USB	(AB/MPJ)
E07	14938	21-9	1140	Fri	439 439 439 1 6841 87 6841 87 98678 38898 89298 ... 42062 51395 83921 000 000																		USB	(AB/MPJ)
E07	9064	22-9	0600	Sat	024 024 024 000																		USB	(AB)
E07	10264	22-9	0620	Sat	024 024 024 000																		USB	(AB)
E07	9064	23-9	0600	Sun	024 024 024 000																		USB	(AB)
E07	10264	23-9	0620	Sun	024 024 024 000																		USB	(AB)
E07	12139	23-9	1700	Sun	161 161 161 1 183 110 183 110 09166 26733 07798 ... 05678 31854 62389 000 000																		USB	(AB/skx/MPJ)
E07	10639	23-9	1720	Sun	161 161 161 1 183 110 183 110 09166 26733 07798 ... 05678 31854 62389 000 000																		USB	(AB/skx/MPJ)
E07	9139	23-9	1740	Sun	161 161 161 1 183 110 183 110 09166 26733 07798 ... 05678 31854 62389 000 000																		USB	(AB/skx/MPJ)
E07	14584	24-9	1900	Mon	535 535 535 000																		USB	(AB/MPJ)
E07	13384	24-9	1920	Mon	535 535 535 000																		USB	(AB/MPJ)
E07	18438	25-9	1100	Tue	439 439 439 000																		USB	(AB/MPJ)
E07	16338	25-9	1120	Tue	439 439 439 000																		USB	(AB/MPJ)
E07	12139	26-9	1700	Wed	161 161 161 1 183 110 183 110 09166 26733 07798 ... 05678 31854 62389 000 000																		USB	(AB/MPJ)
E07	10639	26-9	1720	Wed	161 161 161 1 183 110 183 110 09166 26733 07798 ... 05678 31854 62389 000 000																		USB	(AB/MPJ)
E07	9139	26-9	1740	Wed	161 161 161 1 183 110 183 110 09166 26733 07798 ... 05678 31854 62389 000 000																		USB	(AB/MPJ)
E07	14584	26-9	1900	Wed	535 535 535 000																		USB	(AB/MPJ/RL)
E07	13384	26-9	1920	Wed	535 535 535 000																		USB	(AB/MPJ/RL)

E07	16354	28-9	0700	Fri	363 363 363 000					USB	(AB-AUT)
E07	18654	28-9	0720	Fri	363 363 363 000					USB	(AB-AUT)
E07	18438	28-9	1100	Fri	439 439 439 000					USB	(AB-AUT/MPJ)
E07	16338	28-9	1120	Fri	439 439 439 000					USB	(AB-AUT/MPJ)
E07	9064	29-9	0600	Sat	024 024 024 1 990 118 990 118 55248 47787 92941 ... 97852 62414 92790 000 000					USB	(AB)
E07	10264	29-9	0620	Sat	024 024 024 1 990 118 990 118 55248 47787 92941 ... 97852 62414 92790 000 000					USB	(AB)
E07	11464	29-9	0640	Sat	024 024 024 1 990 118 990 118 55248 47787 92941 ... 97852 62414 92790 000 000					USB	(AB)
E07	9064	30-9	0600	Sun	024 024 024 1 990 118 990 118 55248 47787 92941 ... 97852 62414 92790 000 000					USB	(AB)
E07	10264	30-9	0620	Sun	024 024 024 1 990 118 990 118 55248 47787 92941 ... 97852 62414 92790 000 000					USB	(AB)
E07	11464	30-9	0640	Sun	024 024 024 1 990 118 990 118 55248 47787 92941 ... 97852 62414 92790 000 000					USB	(AB)
E07	12139	30-9	1700	Sun	161 161 161 000					USB	(AB/MPJ/Avare)
E07	10639	30-9	1720	Sun	161 161 161 000					USB	(AB/MPJ)
E07a	11153	1-9	0800	Sat	114 114 114 000					USB	(AB/HFD)
E07a	12153	1-9	0820	Sat	114 114 114 000					USB	(AB/HFD)
E07a	8144	5-9	2000	Wed	197 197 197 000					USB	(AB)
E07a	6944	5-9	2020	Wed	197 197 197 000					USB	(AB)
E07a	6788	6-9	0430	Thu	741 741 741 000					USB	(AB)
E07a	7488	6-9	0450	Thu	741 741 741 000					USB	(AB)
E07a	10583	7-9	1510	Fri	531 531 531 000					USB	(MPJ/HFD)
E07a	9383	7-9	1530	Fri	531 531 531 000					USB	(MPJ/BW3/HFD)
E07a	8144	12-9	2000	Wed	197 197 197 000					USB	(AB)
E07a	6944	12-9	2020	Wed	197 197 197 000					USB	(AB)
E07a	10583	14-9	1510	Fri	531 531 531 1 66461 326 73 326 73 79633 30000 31929 ... 78121 48236 41404 000 000					USB	(AB/GHn)
E07a	9383	14-9	1530	Fri	531 531 531 1 66461 326 73 326 73 79633 30000 31929 ... 78121 48236 41404 000 000					USB	(AB/GHn)
E07a	8183	14-9	1550	Fri	531 531 531 1 66461 326 73 326 73 79633 30000 31929 ... 78121 48236 41404 000 000					USB	(AB/GHn)
E07a	11153	15-9	0800	Sat	114 114 114 1 66461 326 73 326 73 79633 30000 31929 ... 78121 48236 41404 000 000					USB	(AB)
E07a	12153	15-9	0820	Sat	114 114 114 1 66461 326 73 326 73 79633 30000 31929 ... 78121 48236 41404 000 000					USB	(AB)
E07a	13453	15-9	0840	Sat	114 114 114 1 66461 326 73 326 73 79633 30000 31929 ... 78121 48236 41404 000 000					USB	(AB)
E07a	8144	19-9	2000	Wed	197 197 197 1 36966 314 67 314 67 11617 14632 88694 ... 32898 43613 72170 000 000					USB	(AB)
E07a	6944	19-9	2020	Wed	197 197 197 1 36966 314 67 314 67 11617 14632 88694 ... 32898 43613 72170 000 000					USB	(AB)
E07a	5744	19-9	2040	Wed	197 197 197 1 36966 314 67 314 67 11617 14632 88694 ... 32898 43613 72170 000 000					USB	(AB)
E07a	6788	20-9	0430	Thu	741 741 741 1 36966 314 67 314 67 11617 14632 88694 ... 32898 43613 72170 000 000					USB	(AB)
E07a	7488	20-9	0450	Thu	741 741 741 1 36966 314 67 314 67 11617 14632 88694 ... 32898 43613 72170 000 000					USB	(AB)
E07a	8188	20-9	0510	Thu	741 741 741 1 36966 314 67 314 67 11617 14632 88694 ... 32898 43613 72170 000 000					USB	(AB)
E07a	10583	21-9	1510	Fri	531 531 531 000					USB	(AB/GHn/MPJ/BW3-HOL)
E07a	9383	21-9	1530	Fri	531 531 531 000					USB	(AB/MPJ)
E07a	11153	22-9	0800	Sat	114 114 114 000					USB	(AB)
E07a	12153	22-9	0820	Sat	114 114 114 000					USB	(AB)
E07a	8144	26-9	2000	Wed	197 197 197 000					USB	(AB)

E07a	6944	26-9	2020	Wed	197 197 197 000	USB	(AB)
E07a	6788	27-9	0430	Thu	741 741 741 000	USB	(AB)
E07a	7488	27-9	0450	Thu	741 741 741 000	USB	(AB)
E07a	10583	28-9	1510	Fri	531 531 531 000	USB	(AB/MPJ)
E07a	9383	28-9	1530	Fri	531 531 531 000	USB	(AB/MPJ)
E07a	11153	29-9	0800	Sat	114 114 114 000	USB	(AB)
E07a	12153	29-9	0820	Sat	114 114 114 000	USB	(AB)
E11	8102	1-9	0710	Sat	492/00	USB	(AB)
E11	9200	1-9	0805	Sat	316/00	USB	(AB/HFD)
E11	10302	1-9	1300	Sat	588/00	USB	(AB/HFD)
E11	13046	1-9	1345	Sat	914/00	USB	(MPJ/HFD)
E11	10213	1-9	1705	Sat	392/00	USB	(MPJ/HFD)
E11	5844	1-9	1730	Sat	409/00	USB	(AB/MPJ/HFD)
E11	8186	1-9	2005	Sat	360/00	USB	(AB/HFD)
E11	8102	2-9	0710	Sun	496/00	USB	(AB)
E11	9200	2-9	0805	Sun	311/00	USB	(AB)
E11	6397	2-9	1605	Sun	238/00	USB	(AB/MPJ/HFD)
E11	10448	2-9	1625	Sun	970/00	USB	(AB/MPJ/HFD)
E11	13873	2-9	1650	Sun	Active unreadable in bcast QRM	USB	(MPJ)
E11	13470	2-9	1745	Sun	242/00	USB	(AB/MPJ/HFD)
E11	8530	2-9	1910	Sun	614/00	USB	(AB/MPJ/HFD)
E11	8186	2-9	2005	Sun	363/00	USB	(AB)
E11	7984	3-9	0236	Mon	138/00	USB	(F5JBR)
E11	9052	3-9	0240	Mon	135/00	USB	(F5JBR)
E11	5371	3-9	0450	Mon	416/00	USB	(AB)
E11	13470	3-9	0600	Mon	183/00	USB	(AB/HFD)
E11	12153	3-9	0640	Mon	941/00	USB	(AB/HFD)
E11	5371	3-9	0820	Mon	438/00	USB	(AB/HFD)
E11	8180	3-9	0900	Mon	536/00	USB	(HFD)
E11	7317	3-9	1045	Mon	698/00	USB	(AB/HFD)
E11	20286	3-9	1225	Mon	520/00	USB	(AB/MPJ)
E11	13470	3-9	1745	Mon	244/00	USB	(AB/MPJ)
E11	7317	3-9	1900	Mon	641/00	USB	(AB/BW3-GRC/HFD)
E11	10800	4-9	0645	Tue	514/00	USB	(AB/HFD)
E11	5082	4-9	0700	Tue	577/00	USB	(AB/HFD)
E11	9963	4-9	0715	Tue	633/00	USB	(AB/HFD)
E11	10246	4-9	0845	Tue	150/00	USB	(AB/HFD)
E11	7840	4-9	1000	Tue	304/00	USB	(AB/HFD)
E11	14940	4-9	1135	Tue	130/00	USB	(AB)
E11	13046	4-9	1345	Tue	912/00	USB	(AB/MPJ)

E11	15690	4-9	1430	Tue	131/00	USB	(qsr711)
E11	6397	4-9	1605	Tue	232/00	USB	(AB/MPJ)
E11	10800	4-9	1645	Tue	333/00	USB	(AB/MPJ/HFD)
E11	10620	4-9	1925	Tue	558/00	USB	(AB/HFD)
E11	9052	4-9	2040	Tue	134/00	USB	(AB)
E11	12153	5-9	0640	Wed	941/00	USB	(AB)
E11	8180	5-9	0900	Wed	538/00	USB	(AB)
E11	6807	5-9	0930	Wed	275/00	USB	(AB/HFD)
E11	7317	5-9	1045	Wed	694/00	USB	(AB)
E11	10448	5-9	1625	Wed	976/00	USB	(AB/MPJ)
E11	10213	5-9	1705	Wed	399/00	USB	(MPJ)
E11	5844	5-9	1730	Wed	405/00	USB	(AB/MPJ)
E11	10800	6-9	0645	Thu	514/00	USB	(AB)
E11	5371	6-9	0815	Thu	438/00	USB	(AB)
E11	10246	6-9	0845	Thu	152/00	USB	(AB)
E11	6807	6-9	0930	Thu	276/00	USB	(AB)
E11	10302	6-9	1300	Thu	583/00	USB	(MPJ)
E11	10800	6-9	1645	Thu	332/00	USB	(MPJ)
E11	7864	6-9	1730	Thu	416/00	USB	(MPJ/HFD)
E11	7317	6-9	1900	Thu	643/00	USB	(MPJ)
E11	14940	7-9	1135	Fri	135/00	USB	(MPJ)
E11	20286	7-9	1225	Fri	52?/00	USB	(MPJ)
E11	15690	7-9	1430	Fri	138/00	USB	(MPJ)
E11	13873	7-9	1650	Fri	929/00	USB	(MPJ/HFD)
E11	11116	7-9	1730	Fri	132/00	USB	(AB)
E11	8530	7-9	1910	Fri	614/00	USB	(MPJ)
E11	8102	8-9	0710	Sat	491/00	USB	(AB)
E11	10302	8-9	1300	Sat	589/00	USB	(MPJ)
E11	13046	8-9	1345	Sat	914/00	USB	(MPJ)
E11	5844	8-9	1730	Sat	409/00	USB	(MPJ)
E11	8186	8-9	2005	Sat	366/00	USB	(AB)
E11	7469	8-9	2030	Sat	132/00	USB	(AB)
E11	8088	8-9	2035	Sat	138/00	USB	(AB)
E11	9052	8-9	2040	Sat	131/00	USB	(AB/BW3-G)
E11	6397	9-9	1605	Sun	235/00	USB	(AB/MPJ)
E11	10448	9-9	1625	Sun	976/00	USB	(AB/MPJ)
E11	13470	9-9	1745	Sun	248/00	USB	(AB/MPJ)
E11	8530	9-9	1910	Sun	611/00	USB	(AB/MPJ)
E11	8186	9-9	2005	Sun	364/00	USB	(AB/skx)
E11	7469	9-9	2030	Sun	133/00	USB	(AB/skx)

E11	8088	9-9	2035	Sun	130/00	USB	(AB/skx)
E11	9052	9-9	2040	Sun	130/00	USB	(AB/skx)
E11	6304	9-9	2330	Sun	132/00	USB	(skx)
E11	6977	9-9	2335	Sun	130/00	USB	(skx)
E11	7984	9-9	2340	Sun	136/00	USB	(skx)
E11	11092	10-9	0530	Mon	133/00	USB	(AB)
E11	12089	10-9	0535	Mon	135/00	USB	(AB-POL)
E11	13046	10-9	0540	Mon	134/00	USB	(AB)
E11	13470	10-9	0600	Mon	181/00	USB	(AB)
E11	12153	10-9	0640	Mon	942/00	USB	(AB)
E11	20286	10-9	1225	Mon	521/00	USB	(MPJ-AUT)
E11	13470	10-9	1745	Mon	244/00	USB	(AB/MPJ)
E11	9052	10-9	2040	Mon	138/00	USB	(AB)
E11	9963	11-9	0715	Tue	639/00	USB	(AB)
E11	7727	11-9	1205	Tue	464/00	USB	(MPJ)
E11	13046	11-9	1345	Tue	912/00	USB	(MPJ)
E11	10620	11-9	1925	Tue	556/00	USB	(AB-AUT)
E11	9052	11-9	2040	Tue	132/00	USB	(HFD)
E11	12153	12-9	0640	Wed	942/00	USB	(AB)
E11	17410	12-9	0745	Wed	342/00	USB	(HFD)
E11	14940	12-9	1135	Wed	136/00	USB	(HFD)
E11	10213	12-9	1705	Wed	394/00	USB	(AB/MPJ)
E11	5844	12-9	1730	Wed	405/00	USB	(AB/MPJ)
E11	7469	12-9	2030	Wed	136/00	USB	(AB)
E11	8088	12-9	2035	Wed	138/00	USB	(AB)
E11	9052	12-9	2040	Wed	133/00	USB	(AB)
E11	10330	13-9	1530	Thu	269/00	USB	(GHn)
E11	10620	13-9	1925	Thu	558/00	USB	(AB)
E11	7469	13-9	2030	Thu	133/00	USB	(AB)
E11	8088	13-9	2035	Thu	136/00	USB	(AB)
E11	9052	13-9	2040	Thu	135/00	USB	(AB)
E11	15690	14-9	1430	Fri	136/00	USB	(AB-EST)
E11	16125	14-9	1435	Fri	136/00	USB	(AB-EST)
E11	17120	14-9	1440	Fri	130/00	USB	(AB-AUT)
E11	11116	14-9	1730	Fri	136/00	USB	(AB)
E11	12089	14-9	1735	Fri	130/00	USB	(AB)
E11	12857	14-9	1740	Fri	133/00	USB	(AB-AUT)
E11	7469	14-9	2030	Fri	130/00	USB	(AB)
E11	8088	14-9	2035	Fri	138/00	USB	(AB)
E11	9052	14-9	2040	Fri	136/00	USB	(AB)

E11	6977	14-9	2335	Fri	133/00	USB	(AB)
E11	11092	15-9	0530	Sat	132/00	USB	(AB)
E11	12089	15-9	0535	Sat	131/00	USB	(AB)
E11	13046	15-9	0540	Sat	135/00	USB	(AB)
E11	9200	15-9	0805	Sat	312/00	USB	(AB)
E11	14972	15-9	0830	Sat	133/00	USB	(AB)
E11	16005	15-9	0835	Sat	134/00	USB	(AB)
E11	17120	15-9	0840	Sat	138/00	USB	(AB-POL)
E11	10302	15-9	1300	Sat	589/00	USB	(GHn)
E11	10213	15-9	1705	Sat	399/00	USB	(AB)
E11	5844	15-9	1730	Sat	406/00	USB	(AB)
E11	11116	15-9	1730	Sat	135/00	USB	(AB)
E11	12089	15-9	1735	Sat	136/00	USB	(AB)
E11	12857	15-9	1740	Sat	131/00	USB	(AB/BW3-HOL)
E11	8186	15-9	2005	Sat	365/00	USB	(AB)
E11	7469	15-9	2030	Sat	134/00	USB	(AB)
E11	8088	15-9	2035	Sat	130/00	USB	(AB)
E11	9052	15-9	2040	Sat	136/00	USB	(AB)
E11	9200	16-9	0805	Sun	314/00	USB	(AB)
E11	6397	16-9	1605	Sun	236/00	USB	(AB)
E11	13873	16-9	1650	Sun	927/00 ??? in bcast QRM	USB	(AB)
E11	13470	16-9	1745	Sun	246/00 ???	USB	(AB)
E11	8530	16-9	1910	Sun	610/00	USB	(AB/skx)
E11	8186	16-9	2005	Sun	368/00	USB	(AB/skx)
E11	7469	16-9	2030	Sun	130/00	USB	(AB)
E11	8088	16-9	2035	Sun	131/00	USB	(AB)
E11	9052	16-9	2040	Sun	135/00	USB	(AB/skx)
E11	6304	16-9	2330	Sun	130/00	USB	(AB)
E11	6977	16-9	2335	Sun	135/00	USB	(AB)
E11	7984	16-9	2340	Sun	134/00	USB	(AB)
E11	5371	17-9	0450	Mon	416/00	USB	(AB/HFD)
E11	13470	17-9	0600	Mon	182/00	USB	(AB)
E11	12153	17-9	0640	Mon	944/00	USB	(AB)
E11	10213	17-9	0745	Mon	261/00	USB	(AB)
E11	5371	17-9	0820	Mon	434/00	USB	(AB)
E11	7317	17-9	1045	Mon	697/00	USB	(AB)
E11	7317	17-9	1900	Mon	641/00	USB	(AB)
E11	7469	17-9	2030	Mon	138/00	USB	(AB)
E11	8022	17-9	2035	Mon	132/00	USB	(AB)
E11	9052	17-9	2040	Mon	138/00	USB	(AB)

E11	10800	18-9	0645	Tue	510/00	USB	(AB)
E11	5082	18-9	0700	Tue	579/00	USB	(AB)
E11	9963	18-9	0715	Tue	637/00	USB	(AB)
E11	10246	18-9	0845	Tue	151/00	USB	(AB)
E11	14940	18-9	1135	Tue	136/00	USB	(AB)
E11	7727	18-9	1205	Tue	469/00	USB	(AB/MPJ)
E11	13046	18-9	1345	Tue	917/00	USB	(AB/MPJ)
E11	9052	18-9	2040	Tue	130/00	USB	(HFD)
E11	17410	19-9	0745	Wed	346/00	USB	(AB-AUT)
E11	7317	19-9	1045	Wed	698/00	USB	(AB/MPJ)
E11	7727	19-9	1205	Wed	463/00	USB	(AB/MPJ)
E11	10448	19-9	1625	Wed	974/00	USB	(AB/MPJ)
E11	10800	20-9	0645	Thu	518/00	USB	(AB)
E11	5371	20-9	0815	Thu	436/00	USB	(AB)
E11	17120	20-9	0840	Thu	133/00	USB	(PY)
E11	17120	20-9	0845	Thu	155/00 (should be on 10246 kHz)	USB	(PY)
E11	15690	20-9	1430	Thu	133/00	USB	(AB-AUT)
E11	16125	20-9	1435	Thu	135/00	USB	(AB-AUT)
E11	17120	20-9	1440	Thu	134/00	USB	(AB-AUT)
E11	10330	20-9	1530	Thu	269/00	USB	(AB/GHn/MPJ)
E11	7864	20-9	1730	Thu	415/00	USB	(AB/MPJ)
E11	11116	20-9	1730	Thu	134/00	USB	(AB)
E11	12089	20-9	1735	Thu	133/00	USB	(AB)
E11	12857	20-9	1740	Thu	135/00	USB	(AB)
E11	7317	20-9	1900	Thu	640/00	USB	(AB/MPJ)
E11	7469	20-9	2030	Thu	138/00	USB	(AB/HFD)
E11	8088	20-9	2035	Thu	132/00	USB	(AB)
E11	9052	20-9	2040	Thu	136/00	USB	(AB)
E11	13470	21-9	0600	Fri	184/00	USB	(AB)
E11	5082	21-9	0700	Fri	575/00	USB	(AB)
E11	9963	21-9	0715	Fri	635/00	USB	(AB)
E11	7840	21-9	1000	Fri	307/00	USB	(AB)
E11	20286	21-9	1225	Fri	524/00	USB	(AB-AUT/MPJ-I)
E11	13873	21-9	1650	Fri	925/00	USB	(AB-AUT/MPJ)
E11	11116	21-9	1730	Fri	138/00	USB	(AB)
E11	12089	21-9	1735	Fri	135/00	USB	(AB)
E11	12857	21-9	1740	Fri	131/00	USB	(AB-AUT)
E11	8530	21-9	1910	Fri	611/00	USB	(AB/MPJ)
E11	7469	21-9	2030	Fri	133/00	USB	(AB)
E11	8088	21-9	2035	Fri	134/00	USB	(AB)

E11	9052	21-9	2040	Fri	138/00	USB	(AB)
E11	8102	22-9	0710	Sat	496/00	USB	(AB)
E11	9200	22-9	0805	Sat	311/00	USB	(AB)
E11	14972	22-9	0830	Sat	130/00	USB	(AB)
E11	16005	22-9	0835	Sat	136/00	USB	(AB-AUT)
E11	17120	22-9	0840	Sat	130/00	USB	(AB-AUT)
E11	13046	22-9	1345	Sat	917/00	USB	(AB/MPJ)
E11	11116	22-9	1730	Sat	136/00	USB	(AB)
E11	12089	22-9	1735	Sat	135/00	USB	(AB-POL)
E11	12857	22-9	1740	Sat	135/00	USB	(AB-POL)
E11	8186	22-9	2005	Sat	367/00	USB	(AB)
E11	7469	22-9	2030	Sat	135/00	USB	(AB)
E11	8088	22-9	2035	Sat	131/00	USB	(AB)
E11	9052	22-9	2040	Sat	132/00	USB	(AB/skx)
E11	6977	23-9	0230	Sun	133/00	USB	(skx)
E11	7984	23-9	0235	Sun	132/00	USB	(skx)
E11	9052	23-9	0240	Sun	135/00	USB	(skx)
E11	11092	23-9	0530	Sun	137/00	USB	(skx)
E11	8102	23-9	0710	Sun	490/00	USB	(AB)
E11	9200	23-9	0805	Sun	315/00	USB	(AB)
E11	14972	23-9	0830	Sun	136/00	USB	(AB-AUT)
E11	16005	23-9	0835	Sun	134/00	USB	(AB-AUT)
E11	17120	23-9	0840	Sun	138/00	USB	(AB-AUT)
E11	13908	23-9	1130	Sun	131/00	USB	(AB)
E11	14940	23-9	1135	Sun	135/00	USB	(AB)
E11	14915	23-9	1140	Sun	136/00	USB	(AB)
E11	15690	23-9	1430	Sun	136/00	USB	(skx)
E11	16125	23-9	1435	Sun	132/00	USB	(AB/skx)
E11	17120	23-9	1440	Sun	136/00	USB	(AB/skx)
E11	10448	23-9	1625	Sun	978/00	USB	(AB/skx/MPJ)
E11	13873	23-9	1650	Sun	926/00	USB	(AB/skx/MPJ)
E11	11116	23-9	1730	Sun	133/00	USB	(AB/skx)
E11	12089	23-9	1735	Sun	Can hear the YL voice under strong SWBC station on 12090, but unable to get message.	USB	(skx)
E11	12857	23-9	1740	Sun	131/00	USB	(skx)
E11	8530	23-9	1910	Sun	612/00	USB	(AB/skx/MPJ)
E11	8186	23-9	2005	Sun	365/00	USB	(AB/skx)
E11	7469	23-9	2030	Sun	131/00	USB	(AB/skx)
E11	8088	23-9	2035	Sun	138/00	USB	(AB)
E11	9052	23-9	2040	Sun	130/00	USB	(AB)
E11	5371	24-9	0450	Mon	412/00	USB	(AB)

E11	11092	24-9	0530	Mon	135/00	USB	(AB)
E11	13046	24-9	0540	Mon	134/00	USB	(AB-ROU)
E11	10213	24-9	0745	Mon	260/00	USB	(AB)
E11	5371	24-9	0820	Mon	436/00	USB	(AB)
E11	16005	24-9	0835	Mon	130/00	USB	(AB-QAT)
E11	17120	24-9	0840	Mon	138/00	USB	(AB-QAT)
E11	13908	24-9	1130	Mon	135/00	USB	(AB/MPJ)
E11	14940	24-9	1135	Mon	134/00	USB	(AB/MPJ)
E11	15915	24-9	1140	Mon	131/00	USB	(AB/MPJ)
E11	15690	24-9	1430	Mon	135/00	USB	(AB/MPJ)
E11	16125	24-9	1435	Mon	135/00	USB	(AB)
E11	17120	24-9	1440	Mon	133/00	USB	(AB)
E11	11116	24-9	1730	Mon	130/00	USB	(AB/MPJ)
E11	12089	24-9	1735	Mon	130/00	USB	(AB/MPJ)
E11	12857	24-9	1740	Mon	136/00	USB	(AB-ROU/MPJ)
E11	13470	24-9	1745	Mon	244/00	USB	(AB-ROU/MPJ)
E11	7317	24-9	1900	Mon	643/00	USB	(AB)
E11	7469	24-9	2030	Mon	135/00	USB	(AB)
E11	8022	24-9	2035	Mon	135/00	USB	(AB)
E11	9052	24-9	2040	Mon	135/00	USB	(AB)
E11	14972	25-9	0830	Tue	136/00	USB	(AB)
E11	16005	25-9	0835	Tue	138/00	USB	(AB-QAT)
E11	17120	25-9	0840	Tue	134/00	USB	(AB-QAT)
E11	13908	25-9	1130	Tue	134/00	USB	(AB/MPJ)
E11	14940	25-9	1135	Tue	130/00	USB	(AB/MPJ)
E11	15915	25-9	1140	Tue	130/00	USB	(AB/MPJ)
E11	15690	25-9	1430	Tue	134/00	USB	(AB/MPJ)
E11	16125	25-9	1435	Tue	138/00	USB	(AB/MPJ)
E11	17120	25-9	1440	Tue	138/00	USB	(AB)
E11	10800	25-9	1645	Tue	331/00	USB	(GHn)
E11	11116	25-9	1730	Tue	131/00	USB	(MPJ)
E11	12089	25-9	1735	Tue	131/00	USB	(MPJ)
E11	12857	25-9	1740	Tue	Active-unreadable in QRM	USB	(MPJ)
E11	10620	25-9	1925	Tue	558/00	USB	(AB)
E11	7469	25-9	2030	Tue	133/00	USB	(AB)
E11	8088	25-9	2035	Tue	134/00	USB	(AB-AUT)
E11	9052	25-9	2040	Tue	131/00	USB	(AB)
E11	11092	26-9	0530	Wed	131/00	USB	(AB)
E11	12089	26-9	0535	Wed	135/00	USB	(AB-QAT)
E11	13046	26-9	0540	Wed	134/00	USB	(AB)

E11	14972	26-9	0830	Wed	131/00	USB	(AB)
E11	16005	26-9	0835	Wed	134/00	USB	(AB)
E11	17120	26-9	0840	Wed	135/00	USB	(AB)
E11	8180	26-9	0900	Wed	538/00	USB	(AB)
E11	6807	26-9	0930	Wed	273/00	USB	(AB)
E11	13908	26-9	1130	Wed	136/00	USB	(AB/MPJ)
E11	14940	26-9	1135	Wed	134/00	USB	(AB/MPJ)
E11	15915	26-9	1140	Wed	131/00	USB	(AB/MPJ)
E11	15690	26-9	1430	Wed	133/00	USB	(AB/MPJ-ROU)
E11	16125	26-9	1435	Wed	136/00	USB	(AB/MPJ-ROU)
E11	17120	26-9	1440	Wed	133/00	USB	(AB/MPJ-ROU)
E11	10448	26-9	1625	Wed	975/00	USB	(AB/MPJ)
E11	10213	26-9	1705	Wed	395/00	USB	(AB/MPJ)
E11	5844	26-9	1730	Wed	405/00	USB	(AB/MPJ)
E11	11116	26-9	1730	Wed	133/00	USB	(AB/MPJ)
E11	12089	26-9	1735	Wed	133/00	USB	(AB-GRC/MPJ)
E11	12857	26-9	1740	Wed	135/00	USB	(AB-GRC/MPJ)
E11	7469	26-9	2030	Wed	132/00	USB	(AB)
E11	8088	26-9	2035	Wed	136/00	USB	(AB)
E11	9052	26-9	2040	Wed	135/00	USB	(AB)
E11	11092	27-9	0530	Thu	138/00	USB	(AB)
E11	12089	27-9	0535	Thu	138/00	USB	(AB-GRC)
E11	13046	27-9	0540	Thu	135/00	USB	(AB)
E11	10800	27-9	0645	Thu	515/00	USB	(AB)
E11	5371	27-9	0815	Thu	435/00	USB	(AB)
E11	14972	27-9	0830	Thu	135/00	USB	(AB)
E11	16005	27-9	0835	Thu	130/00	USB	(AB)
E11	17120	27-9	0840	Thu	135/00	USB	(AB)
E11	6807	27-9	0930	Thu	271/00	USB	(AB)
E11	10302	27-9	1300	Thu	587/00	USB	(AB/MPJ)
E11	15690	27-9	1430	Thu	131/00	USB	(AB/MPJ)
E11	16125	27-9	1435	Thu	132/00	USB	(AB-QAT/MPJ)
E11	17120	27-9	1440	Thu	134/00	USB	(AB-QAT/MPJ)
E11	10330	27-9	1530	Thu	260/00	USB	(AB/MPJ)
E11	10800	27-9	1645	Thu	332/00	USB	(GHn/MPJ)
E11	7864	27-9	1730	Thu	418/00	USB	(MPJ)
E11	11116	27-9	1730	Thu	131/00	USB	(MPJ)
E11	12089	27-9	1735	Thu	135/00	USB	(MPJ-I)
E11	12857	27-9	1740	Thu	135/00	USB	(MPJ-I)
E11	11092	28-9	0530	Fri	132/00	USB	(AB)

E11	13046	28-9	0540	Fri	135/00	USB	(AB-GRC)
E11	5082	28-9	0700	Fri	574/00	USB	(AB)
E11	17410	28-9	0745	Fri	342/00	USB	(AB-AUT)
E11	14972	28-9	0830	Fri	135/00	USB	(AB)
E11	16005	28-9	0835	Fri	133/00	USB	(AB)
E11	17120	28-9	0840	Fri	132/00	USB	(AB)
E11	13908	28-9	1130	Fri	132/00	USB	(AB/MPJ)
E11	14940	28-9	1135	Fri	138/00	USB	(AB/MPJ)
E11	15915	28-9	1140	Fri	136/00	USB	(AB/MPJ)
E11	15690	28-9	1430	Fri	130/00	USB	(AB/MPJ)
E11	16125	28-9	1435	Fri	134/00	USB	(MPJ)
E11	17120	28-9	1440	Fri	135/00	USB	(AB/MPJ-I)
E11	13873	28-9	1650	Fri	921/00	USB	(AB-AUT/MPJ)
E11	11116	28-9	1730	Fri	135/00	USB	(AB/MPJ)
E11	12089	28-9	1735	Fri	135/00	USB	(AB/MPJ)
E11	12857	28-9	1740	Fri	132/00	USB	(AB-AUT/MPJ-I)
E11	8088	28-9	2035	Fri	130/00	USB	(AB)
E11	9052	28-9	2040	Fri	133/00	USB	(AB)
E11	11092	29-9	0530	Sat	138/00	USB	(AB)
E11	12089	29-9	0535	Sat	136/00	USB	(AB-AUT)
E11	13046	29-9	0540	Sat	134/00	USB	(AB-AUT)
E11	8102	29-9	0710	Sat	496/00	USB	(AB)
E11	14972	29-9	0830	Sat	136/00	USB	(AB)
E11	16005	29-9	0835	Sat	130/00	USB	(AB)
E11	17120	29-9	0840	Sat	138/00	USB	(AB)
E11	13908	29-9	1130	Sat	135/00	USB	(AB/MPJ)
E11	14940	29-9	1135	Sat	134/00	USB	(AB/MPJ)
E11	15915	29-9	1140	Sat	134/00	USB	(AB/MPJ-I)
E11	10302	29-9	1300	Sat	581/00	USB	(AB/MPJ)
E11	15690	29-9	1430	Sat	136/00	USB	(AB/MPJ-I)
E11	16125	29-9	1435	Sat	133/00	USB	(AB)
E11	17120	29-9	1440	Sat	133/00	USB	(AB/MPJ-I)
E11	10213	29-9	1705	Sat	394/00	USB	(AB/GHn)
E11	5844	29-9	1730	Sat	406/00	USB	(AB/MPJ/GHn)
E11	11116	29-9	1730	Sat	133/00	USB	(AB)
E11	12089	29-9	1735	Sat	133/00	USB	(AB-AUT)
E11	12857	29-9	1740	Sat	138/00	USB	(MPJ-ROU)
E11	7469	29-9	2030	Sat	136/00	USB	(AB)
E11	7469	29-9	2035	Sat	136/00	USB	(RL)
E11	9052	29-9	2040	Sat	130/00	USB	(AB)

E11	8102	30-9	0710	Sun	496/00					USB	(AB)
E11	14972	30-9	0830	Sun	135/00					USB	(AB)
E11	16005	30-9	0835	Sun	133/00					USB	(AB)
E11	17120	30-9	0840	Sun	131/00					USB	(AB)
E11	13908	30-9	1130	Sun	131/00					USB	(MPJ)
E11	14940	30-9	1135	Sun	138/00					USB	(MPJ)
E11	14915	30-9	1140	Sun	130/00					USB	(MPJ)
E11	15690	30-9	1430	Sun	136/00					USB	(AB/MPJ)
E11	16125	30-9	1435	Sun	138/00					USB	(AB/MPJ)
E11	17120	30-9	1440	Sun	136/00					USB	(AB/MPJ)
E11	6397	30-9	1605	Sun	238/00					USB	(AB/MPJ)
E11	10448	30-9	1625	Sun	978/00					USB	(AB/MPJ)
E11	13873	30-9	1650	Sun	922/00					USB	(MPJ)
E11	11116	30-9	1730	Sun	131/00					USB	(MPJ)
E11	12089	30-9	1735	Sun	135/00					USB	(AB/MPJ)
E11	12857	30-9	1740	Sun	136/00					USB	(AB-GRC/MPJ-I)
E11	13470	30-9	1745	Sun	246/00					USB	(AB-GRC/MPJ)
E11	7469	30-9	2030	Sun	132/00					USB	(AB)
E11	8088	30-9	2035	Sun	136/00					USB	(AB)
E11	9052	30-9	2040	Sun	135/00					USB	(AB)
E11a	10213	3-9	0745	Mon	260/36	Attention 22780 15558 35417 ... 79213 47826 00343	Attention (message repeated)	Out	USB	(AB/HFD)	
E11a	7727	4-9	1205	Tue	468/48	Attention 66543 84949 20305 ... 64733 23501 71804	Attention (message repeated)	Out	USB	(AB/MPJ-HOL/HFD)	
E11a	17410	5-9	0745	Wed	348/33	23513 56156 23036 82696 45309 58693 ...			USB	(AB-G)	
E11a	7727	5-9	1205	Wed	468/48	Attention 66543 84949 20305 ... 64733 23501 71804	Attention (message repeated)	Out	USB	(AB/MPJ-HOL)	
E11a	10330	6-9	1530	Thu	260/36	Attn 22780 15558 25417 ... 79213 47826 00343	Attn. Rpts. Out		USB	(MPJ/BW3-D/HFD)	
E11a	7317	10-9	1900	Mon	646/32	33793 90971 59007 ... 97595 38079 66968	(message repeated)	Out. No "Attention"	USB	(AB/MPJ)	
E11a	10800	11-9	0645	Tue	510/33	Attention 60533 51852 36331 ... 24816 24812 02001	Attention (message repeated)	Out	USB	(AB)	
E11a	5082	11-9	0700	Tue	571/38	Attention 72486 17157 58557 ... 02683 95655 10943	Attention (message repeated)	Out	USB	(AB)	
E11a	6397	11-9	1605	Tue	232/39	Attention 43427 37703 74750 ... 91584 51425 79253	Attention (message repeated)	Out	USB	(AB/MPJ-HOL/GHn)	
E11a	10800	11-9	1645	Tue	330/32	Attention 24303 33799 79933 ... 01655 67847 35243	Attention (message repeated)	Out	USB	(AB-AUT/MPJ-I)	
E11a	10448	12-9	1625	Wed	976/37	40100 54188 13397 ... 76223 06478 70694	(message repeated)	Out. No "Attention"	USB	(AB/MPJ)	
E11a	10800	13-9	0645	Thu	510/33	Attention 60533 51852 36331 ... 24816 24812 02001	Attention (message repeated)	Out	USB	(AB)	
E11a	5371	13-9	0815	Thu	432/36	Attention 24198 55725 03745 ... 64312 67211 70028	Attention (message repeated)	Out	USB	(AB)	
E11a	8102	15-9	0710	Sat	495/39	17747 64527 50855 ... 29180 96499 17730	(message repeated)	Out. No "Attention"	USB	(AB)	
E11a	8102	16-9	0710	Sun	15928/13396/11143	kHz, 08-09, 2100/2110/2120 UTC			USB	(AB)	
E11a	10448	16-9	1625	Sun	976/37	40100 54188 13397 ... 76223 06478 70694	(message repeated)	Out. No "Attention"	USB	(AB)	
E11a	8180	17-9	0900	Mon	537/31	Attention 41893 23055 26254 ... 12822 45276 63951	Attention (message repeated)	Out	USB	(AB)	
E11a	13470	17-9	1745	Mon	249/35	16900 35077 67404 ... 09834 69746 80291	(message repeated)	Out. No "Attention"	USB	(AB-POL)	
E11a	6397	18-9	1605	Tue	237/35	35083 18675 80666 08876 63138 ...			USB	(AB)	
E11a	10800	18-9	1645	Tue	332/33	46279 10423 23002 ... 89400 60944 66021	(message repeated)	Out. No "Attention"	USB	(AB/MPJ)	

E11a	10620	18-9	1925	Tue	558/36 12756 45792 45392 ... 07066 36459 37787 (message repeated) Out. No "Attention"	USB	(AB)
E11a	8180	19-9	0900	Wed	537/31 Attention 41893 23055 26254 ... 12822 45276 63951 Attention (message repeated) Out	USB	(AB)
E11a	6807	19-9	0930	Wed	276/38 Attention 98809 06118 84411 ... 68137 61319 49831 Attention (message repeated) Out	USB	(AB)
E11a	10213	19-9	1705	Wed	395/30 60007 77788 95193 ... 43605 71699 85107 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	5844	19-9	1730	Wed	404/34 66260 75613 38669 ... 11519 83300 24669 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	6807	20-9	0930	Thu	276/38 Attention 98809 06118 84411 ... 68137 61319 49831 Attention (message repeated) Out	USB	(AB)
E11a	10302	20-9	1300	Thu	587/39 55928 31139 67428 ... 94430 11506 31166 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	10800	20-9	1645	Thu	332/33 46279 10423 23002 ... 89400 60944 66021 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	10302	22-9	1300	Sat	587/39 55928 31139 67428 ... 94430 11506 31166 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	10213	22-9	1705	Sat	395/30 60007 77788 95193 ... 43605 71699 85107 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	5844	22-9	1730	Sat	404/34 66260 75613 38669 ... 11519 83300 24669 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	6397	23-9	1605	Sun	237/35 35083 18675 80666 ... 90330 02436 82542 (message repeated) Out. No "Attention"	USB	(AB/skx/MPJ)
E11a	13470	23-9	1745	Sun	249/35 16900 35077 67404 ... 09834 69746 80291 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	13470	24-9	0600	Mon	183/34 Attention 03176 94437 51448 ... 72769 94735 16960 Attention (message repeated) Out	USB	(AB-QAT)
E11a	7317	24-9	1045	Mon	696/37 Attention 91611 43767 51089 ... 74170 27678 20348 Attention (message repeated) Out	USB	(AB)
E11a	20286	24-9	1225	Mon	528/31 09651 81136 07827 ... 87981 11389 11850. Rpts. Out	USB	(MPJ-I)
E11a	10246	25-9	0845	Tue	159/23 Attention 09507 13793 45320 ... 02777 04931 90540 Attention (message repeated) Out	USB	(AB)
E11a	7840	25-9	1000	Tue	305/30 75227 32662 06444 ... 95063 62689 27311 (message repeated) Out. No "Attention"	USB	(AB)
E11a	7727	25-9	1205	Tue	466/38 Attention 47155 96333 75472 ... 85449 83159 49865 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	13046	25-9	1345	Tue	918/31 28395 15675 20267 ... 19427 95312 15418 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	12153	26-9	0640	Wed	941/28 62999 43138 48716 ... 71196 43357 55047 (message repeated) Out. No "Attention"	USB	(AB)
E11a	7317	26-9	1045	Wed	696/37 Attention 91611 43767 51089 ... 74170 27678 20348 Attention (message repeated) Out	USB	(AB)
E11a	7727	26-9	1205	Wed	466/38 Attention 47155 96333 75472 ... 85449 83159 49865 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10246	27-9	0845	Thu	159/23 Attention 09507 13793 45320 ... 02777 04931 90540 Attention (message repeated) Out	USB	(AB)
E11a	13470	28-9	0600	Fri	183/34 Attention 03176 94437 51448 ... 72769 94735 16960 Attention (message repeated) Out	USB	(AB)
E11a	9963	28-9	0715	Fri	635/35 Attention 18897 77569 85782 ... 86916 49463 81147 Attention (message repeated) Out	USB	(AB)
E11a	7840	28-9	1000	Fri	305/30 75227 32662 06444 ... 95063 62689 27311 (message repeated) Out. No "Attention"	USB	(AB)
E11a	8530	28-9	1910	Fri	612/36 53071 93092 61131 ... 71998 12653 47737 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	9200	29-9	0805	Sat	319/31 91259 27009 82691 ... 40797 37597 01416 (message repeated) Out. No "Attention"	USB	(AB)
E11a	13046	29-9	1345	Sat	918/31 28395 15675 20267 ... 19427 95312 15418 (message repeated) Out. No "Attention"	USB	(AB/GHn/MPJ)
E11a	8186	29-9	2005	Sat	366/32 64040 37376 23541 ... 53792 86572 65863 (message repeated) Out. No "Attention"	USB	(AB)
E11a	9200	30-9	0805	Sun	319/31 91259 27009 82691 ... 40797 37597 01416 (message repeated) Out. No "Attention"	USB	(AB)
E11a	8530	30-9	1910	Sun	612/36 53071 93092 61131 ... 71998 12653 47737 (message repeated) Out. No "Attention"	USB	(AB/MPJ)
E11a	8186	30-9	2005	Sun	366/32 64040 37376 23541 ... 53792 86572 65863 (message repeated) Out. No "Attention"	USB	(AB)
E17z	14260	6-9	0800	Thu	674 280 5 88620 58069 61732 74537 57440 280 5 00000	USB	(AB-G/HFD)
E17z	12930	6-9	0810	Thu	674 280 5 88620 58069 61732 74537 57440 280 5 00000	USB	(AB-G/HFD)
E17z	14260	13-9	0800	Thu	674 280 5 88620 58069 61732 74537 57440 280 5 00000	USB	(AB-AUT)
E17z	12930	13-9	0810	Thu	674 280 5 88620 58069 61732 74537 57440 280 5 00000	USB	(AB-AUT)
E17z	14260	20-9	0800	Thu	674 830 5 35194 36584 38083 35453 45388 830 5 00000	USB	(AB-G)
E17z	12930	20-9	0810	Thu	674 830 5 35194 36584 38083 35453 45388 830 5 00000	USB	(AB-G)

E17z	14260	27-9	0800	Thu	674 830 5 35194 36584 38083 35453 45388 830 5 00000	USB	(AB-GRC)
E17z	12930	27-9	0810	Thu	674 830 5 35194 36584 38083 35453 45388 830 5 00000	USB	(AB)
EGY	5121.7	15-9	1746	Sat	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
EGY	9046.7	20-9	2050	Thu	MFA Cairo msg for RCVB: Egyptian embassy, Washington. TO: WASHINGTON TIME & DATE: 21:23, THURSDAY, SEPTEMBER 20, 2018 NUMBER OF GROUPS: 595 URGENT	SITOR-A 100/170	(AB)
EGY	16156.7	26-9	1450	Wed	MFA Cairo code message for OOVp: Egyptian embassy, Islamabad. Then clg RCVB: Egyptian embassy, Washington	SITOR-A 100/170	(AB)
EGY	9046.7	26-9	2036	Wed	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
EGY	9047.7	28-9	2041	Fri	MFA Cairo. Coded message to RCVB: Egyptian embassy Washington	SITOR-A 100/170	(AB)
F01	9239	4-9	1900	Tue	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom)
F01	6904	4-9	1910	Tue	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom)
F01	5087	4-9	1920	Tue	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom)
F01	5803	4-9	1945	Tue	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom)
F01	7803	4-9	1955	Tue	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom)
F01	9937	4-9	2005	Tue	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom)
F01	11073	5-9	0920	Wed	Russian diplo/intel. Serial #10, 197 groups 48434 56439 26105 ... 95846 00093 10197 00000	FSK 200/500	(Priyom)
F01	14392	5-9	0930	Wed	Russian diplo/intel. Serial #10, 197 groups 48434 56439 26105 ... 95846 00093 10197 00000	FSK 200/500	(Priyom)
F01	18177	5-9	0940	Wed	Russian diplo/intel. Serial #10, 197 groups 48434 56439 26105 ... 95846 00093 10197 00000	FSK 200/500	(Priyom)
F01	11613	5-9	1100	Wed	Russian diplo/intel. Serial #18, 157 groups 38385 51443 14442 ... 77584 17923 18157 00000	FSK 200/500	(Priyom)
F01	8173	5-9	1110	Wed	Russian diplo/intel. 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(Priyom)
F01	8173	5-9	1110	Wed	Russian diplo/intel. Serial #9, 213 groups 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(Priyom)
F01	13437	5-9	1110	Wed	Russian diplo/intel. Serial #18, 157 groups 38385 51443 14442 ... 77584 17923 18157 00000	FSK 200/500	(Priyom)
F01	11467	5-9	1120	Wed	Russian diplo/intel. Serial #9, 213 groups 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(Priyom)
F01	11467	5-9	1120	Wed	Russian diplo/intel. 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(Priyom)
F01	16191	5-9	1120	Wed	Russian diplo/intel. Serial #18, 157 groups 38385 51443 14442 ... 77584 17923 18157 00000	FSK 200/500	(Priyom)
F01	13826	5-9	1130	Wed	Russian diplo/intel. 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(Priyom)
F01	13826	5-9	1130	Wed	Russian diplo/intel. Serial #9, 213 groups 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(Priyom)
F01	11161	5-9	1350	Wed	Russian diplo/intel. Serial #12, 200 groups 49231 46183 40230 ... 15438 16765 12200 00000	FSK 200/500	(Priyom)
F01	6807	5-9	1410	Wed	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom)
F01	6807	5-9	1410	Wed	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom)
F01	13432	5-9	1410	Wed	Russian diplo/intel. Serial #12, 200 groups 49231 46183 40230 ... 15438 16765 12200 00000	FSK 200/500	(Priyom)
F01	9407	5-9	1420	Wed	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom)
F01	9407	5-9	1420	Wed	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom)
F01	15613	5-9	1420	Wed	Russian diplo/intel. Serial #12, 200 groups 49231 46183 40230 ... 15438 16765 12200 00000	FSK 200/500	(Priyom)
F01	12098	5-9	1430	Wed	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom)
F01	12098	5-9	1430	Wed	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom)
F01	13467	5-9	1840	Wed	Russian diplo/intel.)576 100000+++++++162	FSK 200/500	(AB/MPJ/HFD)
F01	11084	5-9	1850	Wed	Russian diplo/intel.)576 100000+++++++162	FSK 200/500	(AB/MPJ/HFD)
F01	9052	5-9	1900	Wed	Russian diplo/intel.)576 100000+++++++162	FSK 200/500	(AB/MPJ/HFD)
F01	9239	5-9	1900	Wed	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom)

F01	9239	5-9	1900	Wed	Russian diplo/intel. 08768 64609 56522 ... 43625 11168 00000	FSK 200/500	(AB/Danix)
F01	6904	5-9	1910	Wed	Russian diplo/intel. 08768 64609 56522 ... 43625 11168 00000	FSK 200/500	(AB/Danix/Priyom)
F01	5087	5-9	1920	Wed	Russian diplo/intel. 08768 64609 56522 ... 43625 11168 00000	FSK 200/500	(AB/Danix)
F01	5087	5-9	1920	Wed	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom)
F01	5803	5-9	1945	Wed	Russian diplo/intel. Serial #11, 168 groups 08768 64609 56522 ... 39295 43625 11168 00000	FSK 200/500	(Priyom/Danix)
F01	7803	5-9	1955	Wed	Russian diplo/intel. 75651 29025 92312 ... 39190 53805 11196 00000	FSK 200/500	(AB/Danix/Priyom)
F01	9937	5-9	2005	Wed	Russian diplo/intel. 75651 29025 92312 ... 39190 53805 11196 00000	FSK 200/500	(AB/Danix/Priyom)
F01	13396	6-9	0800	Thu	Russian diplo/intel. Serial #19, 163 groups 69357 91210 02196 ... 02505 19163 00000	FSK 200/500	(Priyom)
F01	16199	6-9	0800	Thu	Russian diplo/intel. Serial #19, 163 groups 69357 91210 02196 ... 02505 19163 00000	FSK 200/500	(Priyom)
F01	19588	6-9	0800	Thu	Russian diplo/intel. Serial #19, 163 groups 69357 91210 02196 ... 02505 19163 00000	FSK 200/500	(Priyom)
F01	8163	6-9	0920	Thu	Russian diplo/intel. Serial #8, 251 groups 83867 85572 15179 ... 48921 50728 08251 00000	FSK 200/500	(Priyom)
F01	11073	6-9	0920	Thu	Russian diplo/intel. Serial #10, 197 groups 48434 56439 26105 ... 95846 00093 10197 00000	FSK 200/500	(Priyom)
F01	13516	6-9	0920	Thu	Russian diplo/intel. Serial #8, 251 groups 83867 85572 15179 ... 48921 50728 08251 00000	FSK 200/500	(Priyom)
F01	10566	6-9	0930	Thu	Russian diplo/intel. Serial #8, 251 groups 83867 85572 15179 ... 48921 50728 08251 00000	FSK 200/500	(Priyom)
F01	14392	6-9	0930	Thu	Russian diplo/intel. Serial #10, 197 groups 48434 56439 26105 ... 95846 00093 10197 00000	FSK 200/500	(Priyom)
F01	18177	6-9	0940	Thu	Russian diplo/intel. Serial #10, 197 groups 48434 56439 26105 ... 95846 00093 10197 00000	FSK 200/500	(Priyom)
F01	11613	6-9	1100	Thu	Russian diplo/intel. Serial #18, 157 groups 38385 51443 14442 ... 77584 17923 18157 00000	FSK 200/500	(Priyom)
F01	8173	6-9	1110	Thu	Russian diplo/intel. 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(AB/Priyom)
F01	13437	6-9	1110	Thu	Russian diplo/intel. Serial #18, 157 groups 38385 51443 14442 ... 77584 17923 18157 00000	FSK 200/500	(Priyom)
F01	11467	6-9	1120	Thu	Russian diplo/intel. 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(AB/Priyom)
F01	16191	6-9	1120	Thu	Russian diplo/intel. Serial #18, 157 groups 38385 51443 14442 ... 77584 17923 18157 00000	FSK 200/500	(Priyom)
F01	13826	6-9	1130	Thu	Russian diplo/intel. 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(AB/Priyom)
F01	13826	6-9	1130	Thu	Russian diplo/intel. Serial #9, 213 groups 96517 59436 83143 ... 55143 89388 09213 00000	FSK 200/500	(Priyom)
F01	11161	6-9	1350	Thu	Russian diplo/intel. Serial #12, 200 groups 49231 46183 40230 ... 15438 16765 12200 00000	FSK 200/500	(Priyom/HFD)
F01	6807	6-9	1410	Thu	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom/HFD)
F01	13432	6-9	1410	Thu	Russian diplo/intel. Serial #12, 200 groups 49231 46183 40230 ... 15438 16765 12200 00000	FSK 200/500	(Priyom/HFD)
F01	7876	6-9	1415	Thu	Russian diplo/intel	FSK 200/500	(HFD)
F01	9407	6-9	1420	Thu	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom/HFD)
F01	15613	6-9	1420	Thu	Russian diplo/intel. Serial #12, 200 groups 49231 46183 40230 ... 15438 16765 12200 00000	FSK 200/500	(Priyom/HFD)
F01	9437	6-9	1425	Thu	Russian diplo/intel	FSK 200/500	(HFD)
F01	12098	6-9	1430	Thu	Russian diplo/intel. Serial #11, 241 groups 65215 07800 32805 ... 21392 46109 11241 00000	FSK 200/500	(Priyom/HFD)
F01	11572	6-9	1435	Thu	Russian diplo/intel	FSK 200/500	(HFD)
F01	15672	10-9	0025	Mon	Russian diplo/intel. Header: 11177 00117 87635 06041 01709	FSK 200/500	(Danix-USA)
F01	13892	10-9	0035	Mon	Russian diplo/intel. Header: 11177 00117 87635 06041 01709	FSK 200/500	(Danix-USA)
F01	15672	10-9	0125	Mon	Russian diplo/intel. Header: 11177 00117 87635 06041 01709	FSK 200/500	(Danix-USA)
F01	13892	10-9	0135	Mon	Russian diplo/intel. Header: 11177 00117 87635 06041 01709	FSK 200/500	(Danix-USA)
F01	20618	14-9	2230	Fri	Russian diplo/intel. Header: 11177 00116 39176 14041 01829	FSK 200/500	(Danix-USA)
F01	18048	14-9	2240	Fri	Russian diplo/intel. Header: 11177 00116 39176 14041 01829	FSK 200/500	(Danix-USA)
F01	20618	21-9	2230	Fri	Russian diplo/intel. Header: 11177 00116 59128 20042 01449	FSK 200/500	(Danix-USA)
F01	18048	21-9	2240	Fri	Russian diplo/intel. Header: 11177 00116 59128 20042 01449	FSK 200/500	(Danix-USA)

F01	20618	21-9	2330	Fri	Russian diplo/intel. Header: 11177 00116 59128 20042 01449	FSK 200/500	(Danix-USA)
F01	18048	21-9	2340	Fri	Russian diplo/intel. Header: 11177 00116 59128 20042 01449	FSK 200/500	(Danix-USA)
F01	15672	24-9	0025	Mon	Russian diplo/intel. Header: 11177 00117 39125 20043 01859	FSK 200/500	(Danix-USA)
F01	13892	24-9	0035	Mon	Russian diplo/intel. Header: 11177 00117 39125 20043 01859	FSK 200/500	(Danix-USA)
F01	13892	24-9	0138	Mon	Russian diplo/intel. Header: 11177 00117 39125 20043 01859	FSK 200/500	(Danix-USA)
F03a	7377	3-9	1030	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7377	3-9	1035	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	3-9	1830	Mon	Polish Intel.	FSK 100/200	(MPJ)
F03a	7798	3-9	1835	Mon	Polish Intel.	FSK 100/200	(MPJ)
F03a	11486	4-9	0835	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	11486	4-9	0840	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	10728	4-9	0945	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	10728	4-9	0950	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	4-9	1800	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	4-9	1805	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7377	5-9	1030	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7377	5-9	1035	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	11486	6-9	0835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	11486	6-9	0840	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	6-9	1830	Thu	Polish Intel.	FSK 100/200	(MPJ)
F03a	7798	6-9	1835	Thu	Polish Intel.	FSK 100/200	(MPJ)
F03a	7798	10-9	1830	Mon	Polish Intel.	FSK 100/200	(AB/MPJ)
F03a	7798	10-9	1835	Mon	Polish Intel.	FSK 100/200	(AB/MPJ)
F03a	7840	11-9	1800	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	11-9	1805	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7798	13-9	1830	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	13-9	1835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7377	17-9	1030	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7377	17-9	1035	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	17-9	1830	Mon	Polish Intel.	FSK 100/200	(MPJ)
F03a	7798	17-9	1835	Mon	Polish Intel.	FSK 100/200	(MPJ)
F03a	11486	18-9	0835	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	11486	18-9	0840	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	18-9	1800	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	18-9	1805	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7377	19-9	1030	Wed	Polish Intel.	FSK 100/200	(AB/MPJ)
F03a	7377	19-9	1035	Wed	Polish Intel.	FSK 100/200	(AB/MPJ)
F03a	11486	20-9	0835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	11486	20-9	0840	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7840	20-9	1800	Thu	Polish Intel.	FSK 100/200	(AB)

F03a	7840	20-9	1805	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	20-9	1830	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7798	20-9	1835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	7377	24-9	1030	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7377	24-9	1035	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	24-9	1830	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	7798	24-9	1835	Mon	Polish Intel.	FSK 100/200	(AB)
F03a	11486	25-9	0835	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	11486	25-9	0840	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	25-9	1800	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7840	25-9	1805	Tue	Polish Intel.	FSK 100/200	(AB)
F03a	7377	26-9	1030	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	7377	26-9	1035	Wed	Polish Intel.	FSK 100/200	(AB)
F03a	11486	27-9	0835	Thu	Polish Intel.	FSK 100/200	(AB)
F03a	11486	27-9	0840	Thu	Polish Intel.	FSK 100/200	(AB)
F03b	7727	5-9	0915	Wed	Polish Intel.	FSK 200/400	(AB)
F03b	7727	5-9	0920	Wed	Polish Intel.	FSK 200/400	(AB)
F03b	7727	6-9	0915	Thu	Polish Intel.	FSK 200/400	(AB)
F03b	7727	6-9	0920	Thu	Polish Intel.	FSK 200/400	(AB)
F03b	7727	19-9	0915	Wed	Polish Intel.	FSK 200/400	(AB)
F03b	7727	19-9	0920	Wed	Polish Intel.	FSK 200/400	(AB)
F03b	7727	20-9	0915	Thu	Polish Intel.	FSK 200/400	(AB)
F03b	7727	20-9	0920	Thu	Polish Intel.	FSK 200/400	(AB)
F03b	7727	26-9	0915	Wed	Polish Intel.	FSK 200/400	(AB)
F03b	7727	26-9	0920	Wed	Polish Intel.	FSK 200/400	(AB)
F03b	7727	27-9	0915	Thu	Polish Intel.	FSK 200/400	(AB)
F03b	7727	27-9	0920	Thu	Polish Intel.	FSK 200/400	(AB)
F06	13365	1-9	0800	Sat	Russian diplo/intel. Header: 11166 70147 35741 24088 01529	FSK 200/1000	(Danix)
F06	11408	1-9	0810	Sat	Russian diplo/intel. Header: 11166 70147 35741 24088 01529	FSK 200/1000	(Danix)
F06	9324	1-9	0820	Sat	Russian diplo/intel. Header: 11166 70147 35741 24088 01529	FSK 200/1000	(Danix)
F06	14978	1-9	1100	Sat	Russian diplo/intel. Header: 11166 50046 92465 31053 01069	FSK 200/1000	(AB/Danix)
F06	13370	1-9	1110	Sat	Russian diplo/intel. Header: 11166 50046 92465 31053 01069	FSK 200/1000	(AB/Danix)
F06	11019	1-9	1120	Sat	Russian diplo/intel. Header: 11166 50046 92465 31053 01069	FSK 200/1000	(AB/Danix)
F06	15928	1-9	2050	Sat	Russian diplo/intel. Test: 464646464646464646 4646464646464646	FSK 200/1000	(AB)
F06	15928	1-9	2100	Sat	Russian diplo/intel. 11166 40133 15987 01038 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix)
F06	13396	1-9	2110	Sat	Russian diplo/intel. 11166 40133 15987 01038 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix)
F06	11143	1-9	2120	Sat	Russian diplo/intel. 11166 40133 15987 01038 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix)
F06	13365	2-9	0800	Sun	Russian diplo/intel. Header: 11166 70147 35741 24088 01529	FSK 200/1000	(AB/Danix)
F06	11408	2-9	0810	Sun	Russian diplo/intel. Header: 11166 70147 35741 24088 01529	FSK 200/1000	(AB/Danix)
F06	9324	2-9	0820	Sun	Russian diplo/intel. Header: 11166 70147 35741 24088 01529	FSK 200/1000	(AB/Danix)

F06	14978	2-9	1100	Sun	Russian diplo/intel. Header: 11166 50046 92465 31053 01069	FSK 200/1000	(AB/Danix)
F06	13370	2-9	1110	Sun	Russian diplo/intel. Header: 11166 50046 92465 31053 01069	FSK 200/1000	(AB/Danix)
F06	11019	2-9	1120	Sun	Russian diplo/intel. Header: 11166 50046 92465 31053 01069	FSK 200/1000	(AB/Danix)
F06	14455	2-9	1530	Sun	Russian diplo/intel. 11166 10053 18531 02064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix/MPJ)
F06	12065	2-9	1540	Sun	Russian diplo/intel. 11166 10053 18531 02064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix/MPJ)
F06	10426	2-9	1550	Sun	Russian diplo/intel. 11166 10053 18531 02064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix/MPJ)
F06	15672	3-9	0025	Mon	Russian diplo/intel. Header: 11177 00117 15974 30040 01779	FSK 200/1000	(Danix-USA)
F06	13892	3-9	0035	Mon	Russian diplo/intel. Header: 11177 00117 15974 30040 01779	FSK 200/1000	(Danix-USA)
F06	15672	3-9	0125	Mon	Russian diplo/intel. Header: 11177 00117 15974 30040 01779	FSK 200/1000	(Danix-USA)
F06	13892	3-9	0135	Mon	Russian diplo/intel. Header: 11177 00117 15974 30040 01779	FSK 200/1000	(Danix-USA)
F06	9437	3-9	0400	Mon	Russian diplo/intel. 11166 70059 18344 03020 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix)
F06	7923	3-9	0410	Mon	Russian diplo/intel. 11166 70059 18344 03020 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix)
F06	6776	3-9	0420	Mon	Russian diplo/intel. 11166 70059 18344 03020 00049 00000 00000 00000 00000	FSK 200/1000	(AB/Danix)
F06	14359	3-9	1600	Mon	Russian diplo/intel. Header: 11166 40034 15972 03002 02049	FSK 200/1000	(Danix)
F06	12217	3-9	1610	Mon	Russian diplo/intel. Header: 11166 40034 15972 03002 02049	FSK 200/1000	(Danix)
F06	10159	3-9	1620	Mon	Russian diplo/intel. Header: 11166 40034 15972 03002 02049	FSK 200/1000	(Danix)
F06	14359	4-9	1600	Tue	Russian diplo/intel. Header: 11166 40034 15972 03002 02049	FSK 200/1000	(AB)
F06	12217	4-9	1610	Tue	Russian diplo/intel. Header: 11166 40034 15972 03002 02049	FSK 200/1000	(AB)
F06	10159	4-9	1620	Tue	Russian diplo/intel. Header: 11166 40034 15972 03002 02049	FSK 200/1000	(AB)
F06	14828	4-9	1650	Tue	Russian diplo/intel. 11166 10053 15963 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12214	4-9	1700	Tue	Russian diplo/intel. 11166 10053 15963 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10534	4-9	1710	Tue	Russian diplo/intel. 11166 10053 15963 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11084	5-9	0530	Wed	Russian diplo/intel. Header: 11166 70213 82476 03005 02179	FSK 200/1000	(Danix)
F06	9056	5-9	0540	Wed	Russian diplo/intel. Header: 11166 70213 82476 03005 02179	FSK 200/1000	(Danix)
F06	7848	5-9	0550	Wed	Russian diplo/intel. Header: 11166 70213 82476 03005 02179	FSK 200/1000	(Danix)
F06	15930	5-9	0600	Wed	Russian diplo/intel. Header: 11166 40122 69721 01091 03409	FSK 200/1000	(AB-NZL)
F06	13503	5-9	0610	Wed	Russian diplo/intel. Header: 11166 40122 69721 01091 03409	FSK 200/1000	(AB-NZL)
F06	11109	5-9	0620	Wed	Russian diplo/intel. Header: 11166 40122 69721 01091 03409	FSK 200/1000	(AB-NZL)
F06	16023	5-9	0800	Wed	Russian diplo/intel. 11166 70048 31648 05082 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14378	5-9	0810	Wed	Russian diplo/intel. 11166 70048 31648 05082 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12158	5-9	0820	Wed	Russian diplo/intel. 11166 70048 31648 05082 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19509	5-9	1030	Wed	Russian diplo/intel. 11166 10042 84620 05010 02089 44889 21909 39145 ... 56595 38254 10206 00000	FSK 200/1000	(Priyom)
F06	16249	5-9	1040	Wed	Russian diplo/intel. 11166 10042 84620 05010 02089 44889 21909 39145 ... 56595 38254 10206 00000	FSK 200/1000	(Priyom)
F06	13836	5-9	1050	Wed	Russian diplo/intel. 11166 10042 84620 05010 02089 44889 21909 39145 ... 56595 38254 10206 00000	FSK 200/1000	(Priyom)
F06	9433	5-9	1200	Wed	Russian diplo/intel. Two messages. Headers: 11166 30011 12378 04043 02459 and 11166 30011 34718 04044 02459	FSK 200/1000	(AB)
F06	13389	5-9	1210	Wed	Russian diplo/intel. Two messages. Headers: 11166 30011 12378 04043 02459 and 11166	FSK 200/1000	(AB)

					30011 34718 04044 02459			
F06	16264	5-9	1220	Wed	Russian diplo/intel. Two messages. Headers: 11166 30011 12378 04043 02459 and 11166 30011 34718 04044 02459	FSK 200/1000	(AB)	
F06	15816	5-9	1520	Wed	Russian diplo/intel. 11166 90017 82915 05004 01899 11898 90039 22871 ... 45302 78058 04187 00000	FSK 200/1000	(Priyom)	
F06	13383	5-9	1530	Wed	Russian diplo/intel. 11166 90017 82915 05004 01899 11898 90039 22871 ... 45302 78058 04187 00000	FSK 200/1000	(Priyom)	
F06	11017	5-9	1540	Wed	Russian diplo/intel. 11166 90017 82915 05004 01899 11898 90039 22871 ... 45302 78058 04187 00000	FSK 200/1000	(Priyom)	
F06	13385	5-9	1600	Wed	Russian diplo/intel. 11166 00000 47820 05005 02009 15073 07192 94564 ... 43831 07068 05198 00000	FSK 200/1000	(Priyom)	
F06	14359	5-9	1600	Wed	Russian diplo/intel. Header: 11166 40034 65493 05003 01599	FSK 200/1000	(AB)	
F06	11126	5-9	1610	Wed	Russian diplo/intel. 11166 00000 47820 05005 02009 15073 07192 94564 ... 43831 07068 05198 00000	FSK 200/1000	(Priyom)	
F06	12217	5-9	1610	Wed	Russian diplo/intel. Header: 11166 40034 65493 05003 01599	FSK 200/1000	(AB)	
F06	9231	5-9	1620	Wed	Russian diplo/intel. 11166 00000 47820 05005 02009 15073 07192 94564 ... 43831 07068 05198 00000	FSK 200/1000	(Priyom)	
F06	10159	5-9	1620	Wed	Russian diplo/intel. Header: 11166 40034 65493 05003 01599	FSK 200/1000	(AB)	
F06	10399	5-9	1720	Wed	Russian diplo/intel. 11166 00089 17345 05002 02379 27480 18608 06606 ... 10660 77967 02235 00000	FSK 200/1000	(Priyom)	
F06	11084	6-9	0230	Thu	Russian diplo/intel. 11166 70213 23195 05006 01789 47083 13938 08668 ... 23316 23960 06176 00000	FSK 200/1000	(Priyom)	
F06	9056	6-9	0240	Thu	Russian diplo/intel. 11166 70213 23195 05006 01789 47083 13938 08668 ... 23316 23960 06176 00000	FSK 200/1000	(Priyom)	
F06	7848	6-9	0250	Thu	Russian diplo/intel. 11166 70213 23195 05006 01789 47083 13938 08668 ... 23316 23960 06176 00000	FSK 200/1000	(Priyom)	
F06	11084	6-9	0530	Thu	Russian diplo/intel. Header: 11166 70213 82476 03005 02179	FSK 200/1000	(Danix)	
F06	9056	6-9	0540	Thu	Russian diplo/intel. Header: 11166 70213 82476 03005 02179	FSK 200/1000	(Danix)	
F06	7848	6-9	0550	Thu	Russian diplo/intel. Header: 11166 70213 82476 03005 02179	FSK 200/1000	(Danix)	
F06	15930	6-9	0600	Thu	Russian diplo/intel. Header: 11166 40122 69721 01091 03409	FSK 200/1000	(AB-NZL)	
F06	13503	6-9	0610	Thu	Russian diplo/intel. Header: 11166 40122 69721 01091 03409	FSK 200/1000	(AB-NZL)	
F06	11109	6-9	0620	Thu	Russian diplo/intel. Header: 11166 40122 69721 01091 03409	FSK 200/1000	(AB-NZL)	
F06	19509	6-9	1030	Thu	Russian diplo/intel. 11166 10042 84620 05010 02089 44889 21909 39145 ... 56595 38254 10206 00000	FSK 200/1000	(Priyom)	
F06	16249	6-9	1040	Thu	Russian diplo/intel. 11166 10042 84620 05010 02089 44889 21909 39145 ... 56595 38254 10206 00000	FSK 200/1000	(Priyom)	
F06	13836	6-9	1050	Thu	Russian diplo/intel. 11166 10042 84620 05010 02089 44889 21909 39145 ... 56595 38254 10206 00000	FSK 200/1000	(Priyom)	
F06	17476	6-9	1110	Thu	Russian diplo/intel. 11166 70082 63924 06011 01899 64243 74076 56518 ... 10415 53291 11187 00000	FSK 200/1000	(Priyom)	

F06	16115	6-9	1120	Thu	Russian diplo/intel. 11166 70082 63924 06011 01899 64243 74076 56518 ... 10415 53291 11187 00000	FSK 200/1000	(Priyom)
F06	15709	6-9	1330	Thu	Russian diplo/intel. 11166 80214 15639 06059 00049 00000 00000	FSK 200/1000	(MPJ)
F06	13541	6-9	1340	Thu	Russian diplo/intel. 11166 80214 15639 06059 00049 00000 00000	FSK 200/1000	(MPJ)
F06	10529	6-9	1350	Thu	Russian diplo/intel. 11166 80214 15639 06059 00049 00000 00000	FSK 200/1000	(MPJ)
F06	15816	6-9	1520	Thu	Russian diplo/intel. 11166 90017 82915 05004 01899 11898 90039 22871 ... 45302 78058 04187 00000	FSK 200/1000	(Priyom)
F06	13383	6-9	1530	Thu	Russian diplo/intel. 11166 90017 82915 05004 01899 11898 90039 22871 ... 45302 78058 04187 00000	FSK 200/1000	(Priyom)
F06	11017	6-9	1540	Thu	Russian diplo/intel. 11166 90017 82915 05004 01899 11898 90039 22871 ... 45302 78058 04187 00000	FSK 200/1000	(Priyom)
F06	10399	6-9	1720	Thu	Russian diplo/intel. 11166 00089 17345 05002 02379 27480 18608 06606 ... 10660 77967 02235 00000	FSK 200/1000	(Priyom)
F06	11084	7-9	0230	Fri	Russian diplo/intel. 11166 70213 23195 05006 01789 47083 13938 08668 ... 23316 23960 06176 00000	FSK 200/1000	(Priyom)
F06	9056	7-9	0240	Fri	Russian diplo/intel. 11166 70213 23195 05006 01789 47083 13938 08668 ... 23316 23960 06176 00000	FSK 200/1000	(Priyom)
F06	7848	7-9	0250	Fri	Russian diplo/intel. 11166 70213 23195 05006 01789 47083 13938 08668 ... 23316 23960 06176 00000	FSK 200/1000	(Priyom)
F06	17476	7-9	1110	Fri	Russian diplo/intel. 11166 70082 63924 06011 01899 64243 74076 56518 ... 10415 53291 11187 00000	FSK 200/1000	(Priyom)
F06	16115	7-9	1120	Fri	Russian diplo/intel. 11166 70082 63924 06011 01899 64243 74076 56518 ... 10415 53291 11187 00000	FSK 200/1000	(Priyom)
F06	13365	8-9	0800	Sat	Russian diplo/intel. Header: 11166 70147 50128 07089 00669	FSK 200/1000	(Danix)
F06	11408	8-9	0810	Sat	Russian diplo/intel. Header: 11166 70147 50128 07089 00669	FSK 200/1000	(Danix)
F06	9324	8-9	0820	Sat	Russian diplo/intel. Header: 11166 70147 50128 07089 00669	FSK 200/1000	(Danix)
F06	16341	8-9	0900	Sat	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(Danix)
F06	14706	8-9	0910	Sat	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(Danix)
F06	12217	8-9	0920	Sat	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(Danix)
F06	14978	8-9	1100	Sat	Russian diplo/intel. 11166 50046 32510 07054 ... 08962 26643 54044 00000	FSK/200/1000	(MPJ/Danix)
F06	13370	8-9	1110	Sat	Russian diplo/intel. 11166 50046 32510 07054 ... 08962 26643 54044 00000	FSK/200/1000	(MPJ/Danix)
F06	11019	8-9	1120	Sat	Russian diplo/intel. 11166 50046 32510 07054 ... 08962 26643 54044 00000	FSK/200/1000	(MPJ/Danix)
F06	15928	8-9	2100	Sat	Russian diplo/intel. 11166 40133 31254 08001 00049 00000 00000 00000 00000	FSK/200/1000	(AB/Danix)
F06	13396	8-9	2110	Sat	Russian diplo/intel. 11166 40133 31254 08001 00049 00000 00000 00000 00000	FSK/200/1000	(AB/Danix)
F06	11143	8-9	2120	Sat	Russian diplo/intel. 11166 40133 31254 08001 00049 00000 00000 00000 00000	FSK/200/1000	(AB/Danix)
F06	13365	9-9	0800	Sun	Russian diplo/intel. Header: 11166 70147 50128 07089 00669	FSK 200/1000	(Danix)
F06	11408	9-9	0810	Sun	Russian diplo/intel. Header: 11166 70147 50128 07089 00669	FSK 200/1000	(Danix)
F06	9324	9-9	0820	Sun	Russian diplo/intel. Header: 11166 70147 50128 07089 00669	FSK 200/1000	(Danix)
F06	16341	9-9	0900	Sun	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(Danix)
F06	14706	9-9	0910	Sun	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(Danix)

F06	12217	9-9	0920	Sun	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(Danix)
F06	14978	9-9	1100	Sun	Russian diplo/intel. 11166 50046 32510 07054 ... 08962 26643 54044 00000	FSK/200/1000	(MPJ/Danix)
F06	13370	9-9	1110	Sun	Russian diplo/intel. 11166 50046 32510 07054 ... 08962 26643 54044 00000	FSK/200/1000	(MPJ/Danix)
F06	11019	9-9	1120	Sun	Russian diplo/intel. 11166 50046 32510 07054 ... 08962 26643 54044 00000	FSK/200/1000	(MPJ/Danix)
F06	14455	9-9	1530	Sun	Russian diplo/intel. 11166 10053 13579 09064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12065	9-9	1540	Sun	Russian diplo/intel. 11166 10053 13579 09064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10426	9-9	1550	Sun	Russian diplo/intel. 11166 10053 13579 09064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14828	11-9	1650	Tue	Russian diplo/intel. 11166 10053 79513 11012 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12214	11-9	1700	Tue	Russian diplo/intel. 11166 10053 79513 11012 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10534	11-9	1710	Tue	Russian diplo/intel. 11166 10053 79513 11012 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14386	13-9	0800	Thu	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	16260	13-9	0800	Thu	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	12098	13-9	0820	Thu	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	14978	15-9	1100	Sat	Russian diplo/intel. Header: 11166 50046 36987 14055 00689	FSK 200/1000	(AB)
F06	13370	15-9	1110	Sat	Russian diplo/intel. Header: 11166 50046 36987 14055 00689	FSK 200/1000	(AB)
F06	11019	15-9	1120	Sat	Russian diplo/intel. Header: 11166 50046 36987 14055 00689	FSK 200/1000	(AB)
F06	15928	15-9	2100	Sat	Russian diplo/intel. 11166 40133 13579 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-AUT)
F06	13396	15-9	2110	Sat	Russian diplo/intel. 11166 40133 13579 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-AUT)
F06	11143	15-9	2120	Sat	Russian diplo/intel. 11166 40133 13579 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-AUT)
F06	14978	16-9	1100	Sun	Russian diplo/intel. Header: 11166 50046 36987 14055 00689	FSK 200/1000	(AB)
F06	13370	16-9	1110	Sun	Russian diplo/intel. Header: 11166 50046 36987 14055 00689	FSK 200/1000	(AB)
F06	11019	16-9	1120	Sun	Russian diplo/intel. Header: 11166 50046 36987 14055 00689	FSK 200/1000	(AB)
F06	14455	16-9	1530	Sun	Russian diplo/intel. 11166 10053 31254 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12065	16-9	1540	Sun	Russian diplo/intel. 11166 10053 31254 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10426	16-9	1550	Sun	Russian diplo/intel. 11166 10053 31254 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9437	17-9	0400	Mon	Russian diplo/intel. 11166 70059 31254 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7923	17-9	0410	Mon	Russian diplo/intel. 11166 70059 31254 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6776	17-9	0420	Mon	Russian diplo/intel. 11166 70059 31254 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8118	18-9	0030	Tue	Russian diplo/intel.	FSK 200/1000	(AB)
F06	6838	18-9	0040	Tue	Russian diplo/intel.	FSK 200/1000	(AB)
F06	5271	18-9	0050	Tue	Russian diplo/intel.	FSK 200/1000	(AB)
F06	14828	18-9	1650	Tue	Russian diplo/intel. 11166 10053 17935 18068 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12214	18-9	1700	Tue	Russian diplo/intel. 11166 10053 17935 18068 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10534	18-9	1710	Tue	Russian diplo/intel. 11166 10053 17935 18068 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16023	19-9	0800	Wed	Russian diplo/intel. 11166 70048 16432 19034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14378	19-9	0810	Wed	Russian diplo/intel. 11166 70048 16432 19034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12158	19-9	0820	Wed	Russian diplo/intel. 11166 70048 16432 19034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15709	20-9	1330	Thu	Russian diplo/intel. 11166 80214 98456 20011 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13541	20-9	1340	Thu	Russian diplo/intel. 11166 80214 98456 20011 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10529	20-9	1350	Thu	Russian diplo/intel. 11166 80214 98456 20011 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)

F06	13365	22-9	0800	Sat	Russian diplo/intel. Header: 11166 70147 38941 21090 00649	FSK 200/1000	(AB/Danix)
F06	11408	22-9	0810	Sat	Russian diplo/intel. Header: 11166 70147 38941 21090 00649	FSK 200/1000	(AB/Danix)
F06	9324	22-9	0820	Sat	Russian diplo/intel. Header: 11166 70147 38941 21090 00649	FSK 200/1000	(AB/Danix)
F06	16341	22-9	0900	Sat	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(AB/Danix)
F06	14706	22-9	0910	Sat	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(AB/Danix)
F06	12217	22-9	0920	Sat	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(AB/Danix)
F06	14978	22-9	1100	Sat	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	13370	22-9	1110	Sat	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	11019	22-9	1120	Sat	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	15928	22-9	2100	Sat	Russian diplo/intel. 11166 40133 84765 22038 00049 00000 00000 00000 00000	FSK 200/1000	(Danix)
F06	13396	22-9	2110	Sat	Russian diplo/intel. 11166 40133 84765 22038 00049 00000 00000 00000 00000	FSK 200/1000	(Danix)
F06	11143	22-9	2120	Sat	Russian diplo/intel. 11166 40133 84765 22038 00049 00000 00000 00000 00000	FSK 200/1000	(Danix)
F06	13365	23-9	0800	Sun	Russian diplo/intel. Header: 11166 70147 38941 21090 00649	FSK 200/1000	(AB/Danix)
F06	11408	23-9	0810	Sun	Russian diplo/intel. Header: 11166 70147 38941 21090 00649	FSK 200/1000	(AB/Danix)
F06	9324	23-9	0820	Sun	Russian diplo/intel. Header: 11166 70147 38941 21090 00649	FSK 200/1000	(AB/Danix)
F06	16341	23-9	0900	Sun	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(AB/Danix)
F06	14706	23-9	0910	Sun	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(AB/Danix)
F06	12217	23-9	0920	Sun	Russian diplo/intel. Header: 11166 70004 15736 07011 00799	FSK 200/1000	(AB/Danix)
F06	14978	23-9	1100	Sun	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	13370	23-9	1110	Sun	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	11019	23-9	1120	Sun	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	14455	23-9	1530	Sun	Russian diplo/intel. 11166 10053 79513 23012 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/Danix)
F06	12065	23-9	1540	Sun	Russian diplo/intel. 11166 10053 79513 23012 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/Danix)
F06	10426	23-9	1550	Sun	Russian diplo/intel. 11166 10053 79513 23012 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/Danix)
F06	14828	25-9	1730	Tue	Russian diplo/intel. 11166 10053 35791 25068 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	12214	25-9	1740	Tue	Russian diplo/intel. 11166 10053 35791 25068 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	10534	25-9	1750	Tue	Russian diplo/intel. 11166 10053 35791 25068 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	15930	26-9	0600	Wed	Russian diplo/intel. Header: 11166 40122 12563 22094 04199	FSK 200/1000	(AB-J)
F06	13503	26-9	0610	Wed	Russian diplo/intel. Header: 11166 40122 12563 22094 04199	FSK 200/1000	(AB-J)
F06	11109	26-9	0620	Wed	Russian diplo/intel. Header: 11166 40122 12563 22094 04199	FSK 200/1000	(AB-J)
F06	16023	26-9	0800	Wed	Russian diplo/intel. 11166 70048 94381 26080 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16260	26-9	0800	Wed	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	14378	26-9	0810	Wed	Russian diplo/intel. 11166 70048 94381 26080 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14386	26-9	0810	Wed	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	12098	26-9	0820	Wed	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	12158	26-9	0820	Wed	Russian diplo/intel. 11166 70048 94381 26080 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16146	26-9	0905	Wed	Russian diplo/intel. Test: 4646464646 4646464646	FSK 200/1000	(AB)
F06	16146	26-9	0915	Wed	Russian diplo/intel. 11166 10031 17935 26026 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13385	26-9	0925	Wed	Russian diplo/intel. 11166 10031 17935 26026 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11434	26-9	0935	Wed	Russian diplo/intel. 11166 10031 17935 26026 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	15930	27-9	0600	Thu	Russian diplo/intel. Header: 11166 40122 12563 22094 04199	FSK 200/1000	(AB-KOR)
F06	13503	27-9	0610	Thu	Russian diplo/intel. Header: 11166 40122 12563 22094 04199	FSK 200/1000	(AB-KOR)
F06	11109	27-9	0620	Thu	Russian diplo/intel. Header: 11166 40122 12563 22094 04199	FSK 200/1000	(AB-KOR)
F06	16260	27-9	0800	Thu	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	14386	27-9	0810	Thu	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	12098	27-9	0820	Thu	Russian diplo/intel. Header: 11166 00052 31245 07031 02529	FSK 200/1000	(AB)
F06	15709	27-9	1330	Thu	Russian diplo/intel. 11166 80214 12345 27069 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13541	27-9	1340	Thu	Russian diplo/intel. 11166 80214 12345 27069 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10529	27-9	1350	Thu	Russian diplo/intel. 11166 80214 12345 27069 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14978	29-9	1100	Sat	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	13370	29-9	1110	Sat	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	11019	29-9	1120	Sat	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ/Danix)
F06	15928	29-9	2100	Sat	Russian diplo/intel. 11166 40133 35791 29038 00049 00000 00000 00000 00000	FSK 200/1000	(AB-I/RL/Danix)
F06	13396	29-9	2110	Sat	Russian diplo/intel. 11166 40133 35791 29038 00049 00000 00000 00000 00000	FSK 200/1000	(AB-I/RL/Danix)
F06	11143	29-9	2120	Sat	Russian diplo/intel. 11166 40133 35791 29038 00049 00000 00000 00000 00000	FSK 200/1000	(AB-I/RL/Danix)
F06	14978	30-9	1100	Sun	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ)
F06	13370	30-9	1110	Sun	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ)
F06	11019	30-9	1120	Sun	Russian diplo/intel. Header: 11166 50046 29573 21056 00729	FSK 200/1000	(AB/MPJ)
F06	14455	30-9	1530	Sun	Russian diplo/intel. 11166 10053 18571 30064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/Danix)
F06	12065	30-9	1540	Sun	Russian diplo/intel. 11166 10053 18571 30064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/Danix)
F06	10426	30-9	1550	Sun	Russian diplo/intel. 11166 10053 18571 30064 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/Danix)
F06a	10234	3-9	1550	Mon	Russian diplo/intel. File 001250.TLG (1550 bytes, Windows line endings) containing a text message with header 11100 30132 54698 03001 02509	FSK 200/1000 ASCII	(Danix)
F06a	9414	3-9	1600	Mon	Russian diplo/intel. File 001250.TLG (1550 bytes, Windows line endings) containing a text message with header 11100 30132 54698 03001 02509	FSK 200/1000 ASCII	(Danix)
F06a	7933	3-9	1610	Mon	Russian diplo/intel. File 001250.TLG (1550 bytes, Windows line endings) containing a text message with header 11100 30132 54698 03001 02509	FSK 200/1000 ASCII	(Danix)
F06a	10234	4-9	1540	Tue	Russian diplo/intel. Test: 4646464646464646 4646464646464646	FSK 200/1000 ASCII	(AB)
F06a	10234	4-9	1550	Tue	Russian diplo/intel. File 003261.TLG containing a text message with header 11100 30132 84652 04003 02619	FSK 200/1000 ASCII	(AB/Danix)
F06a	9414	4-9	1600	Tue	Russian diplo/intel. File 003261.TLG containing a text message with header 11100 30132 84652 04003 02619	FSK 200/1000 ASCII	(AB/Danix)
F06a	7933	4-9	1610	Tue	Russian diplo/intel. File 003261.TLG containing a text message with header 11100 30132 84652 04003 02619	FSK 200/1000 ASCII	(AB/Danix)
F06a	16345	5-9	1100	Wed	Russian diplo/intel. File 02-266 containing a message with header: 11100 90215 68710 05002 02679	FSK 200/1000 ASCII	(Priyom/Danix)
F06a	14689	5-9	1110	Wed	Russian diplo/intel. File 02-266 containing a message with header: 11100 90215 68710 05002 02679	FSK 200/1000 ASCII	(Priyom/Danix)
F06a	12197	5-9	1120	Wed	Russian diplo/intel. File 02-266 containing a message with header: 11100 90215 68710 05002 02679	FSK 200/1000 ASCII	(Priyom/Danix)

F06a	10234	5-9	1550	Wed	Russian diplo/intel. File 005260.TLG containing a text message with header 11100 30132 59632 05005 02609	FSK 200/1000 ASCII	(AB)
F06a	9414	5-9	1600	Wed	Russian diplo/intel. File 005260.TLG containing a text message with header 11100 30132 59632 05005 02609	FSK 200/1000 ASCII	(AB)
F06a	7933	5-9	1610	Wed	Russian diplo/intel. File 005260.TLG containing a text message with header 11100 30132 59632 05005 02609	FSK 200/1000 ASCII	(AB)
F06a	10972	5-9	1745	Wed	Russian diplo/intel i.p.	FSK 200/1000 ASCII	(AB)
F06a	14370	6-9	0530	Thu	Russian diplo/intel. File 01-297 containing a message with header 11100 70213 16874 06001 02989	FSK 200/1000 ASCII	(AB)
F06a	16287	6-9	1115	Thu	Russian diplo/intel. File 02-262 containing a message with header: 11100 70213 96871 06002 02639	FSK 200/1000 ASCII	(Priyom)
F06a	14382	6-9	1125	Thu	Russian diplo/intel. File 02-262 containing a message with header: 11100 70213 96871 06002 02639	FSK 200/1000 ASCII	(Priyom)
F06a	12194	6-9	1135	Thu	Russian diplo/intel. File 02-262 containing a message with header: 11100 70213 96871 06002 02639	FSK 200/1000 ASCII	(Priyom)
F06a	10234	6-9	1550	Thu	Russian diplo/intel. File 007251.TLG containing a message with header: 11100 30132 86423 06007 02519 42459	FSK 200/1000 ASCII	(Priyom)
F06a	9414	6-9	1600	Thu	Russian diplo/intel. File 007251.TLG containing a message with header: 11100 30132 86423 06007 02519 42459	FSK 200/1000 ASCII	(Priyom)
F06a	7933	6-9	1610	Thu	Russian diplo/intel. File 007251.TLG containing a message with header: 11100 30132 86423 06007 02519 42459	FSK 200/1000 ASCII	(Priyom)
F06a	16176	6-9	1750	Thu	Russian diplo/intel. File 004271.TLG containing a message with header: 11100 90051 64318 06004 02719	FSK 200/1000 ASCII	(Priyom)
F06a	14388	6-9	1800	Thu	Russian diplo/intel. File 004271.TLG containing a message with header: 11100 90051 64318 06004 02719	FSK 200/1000 ASCII	(Priyom)
F06a	12165	6-9	1810	Thu	Russian diplo/intel. File 004271.TLG containing a message with header: 11100 90051 64318 06004 02719	FSK 200/1000 ASCII	(Priyom)
F11	9339	3-9	0845	Mon	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	9339	3-9	0850	Mon	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	7670	4-9	1150	Tue	0325 66543 84949 20305 ... 64733 23501 71804 00048 00048 No 88888 88888 sequence before and after the message.	FSK 100/620	(AB/MPJ)
F11	7670	4-9	1155	Tue	0325 66543 84949 20305 ... 64733 23501 71804 00048 00048 No 88888 88888 sequence before and after the message.	FSK 100/620	(AB/MPJ)
F11	9339	5-9	0845	Wed	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	9339	5-9	0850	Wed	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	7670	5-9	1150	Wed	0325 66543 84949 20305 ... 64733 23501 71804 00048 00048 No 88888 88888 sequence before and after the message.	FSK 100/620	(AB)
F11	7670	5-9	1155	Wed	0325 66543 84949 20305 ... 64733 23501 71804 00048 00048 No 88888 88888 sequence before and after the message.	FSK 100/620	(AB)
F11	7670	11-9	1150	Tue	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(MPJ)

F11	7670	11-9	1155	Tue	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(MPJ)
F11	9339	17-9	0845	Mon	0353 88888 88888 41893 23055 26254 ... 12822 45276 63951 88888 88888 00035 00035	FSK 100/620	(AB)
F11	9339	17-9	0850	Mon	0353 88888 88888 41893 23055 26254 ... 12822 45276 63951 88888 88888 00035 00035	FSK 100/620	(AB)
F11	7670	18-9	1150	Tue	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB/MPJ)
F11	7670	18-9	1155	Tue	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB/MPJ)
F11	9339	19-9	0845	Wed	0353 88888 88888 41893 23055 26254 ... 12822 45276 63951 88888 88888 00035 00035	FSK 100/620	(AB)
F11	9339	19-9	0850	Wed	0353 88888 88888 41893 23055 26254 ... 12822 45276 63951 88888 88888 00035 00035	FSK 100/620	(AB)
F11	7670	19-9	1150	Wed	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB/MPJ)
F11	7670	19-9	1155	Wed	0325 0325 0325 0325 0325 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB/MPJ)
F11	7670	25-9	1150	Tue	0325 88888 88888 47155 96333 75472 ... 85449 83159 49865 88888 88888 00042 00042	FSK 100/620	(AB/MPJ)
F11	7670	25-9	1155	Tue	0325 88888 88888 47155 96333 75472 ... 85449 83159 49865 88888 88888 00042 00042	FSK 100/620	(AB/MPJ)
F11	9339	26-9	0845	Wed	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	9339	26-9	0850	Wed	0353 0353 0353 0353 0353 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000	FSK 100/620	(AB)
F11	7670	26-9	1150	Wed	0325 88888 88888 47155 96333 75472 ... 85449 83159 49865 88888 88888 00042 00042	FSK 100/620	(AB/MPJ)
F11	7670	26-9	1155	Wed	0325 88888 88888 47155 96333 75472 ... 85449 83159 49865 88888 88888 00042 00042	FSK 100/620	(AB/MPJ)
G06	6810	3-9	0718	Mon	111 111 111 00000	USB	(AB)
G06	6810	3-9	0719	Mon	111	USB	(AB)
G06	6810	3-9	0759	Mon	329 329 329 00000	USB	(AB/HFD)
G06	4650	3-9	1700	Mon	938 938 938 00000	USB	(AB/MPJ/HFD)
G06	5370	3-9	1759	Mon	938 938 938 00000 Early start. Windows shutdown sound	USB	(AB/MPJ/HFD)
G06	5903	5-9	1159	Wed	938 938 938 00000	USB	(AB-POL/HFD)
G06	5422	5-9	1259	Wed	938 938 938 00000	USB	(AB-POL/HFD)
G06	5422	5-9	1300	Wed	938 0	USB	(HFD)
G06	4598	6-9	1300	Thu	329 329 329 00000	USB	(HFD)
G06	4645	10-9	1700	Mon	938 938 938 00000	USB	(AB/MPJ)
G06	4645	10-9	1719	Mon	011 011 011 00000	USB	(AB)
G06	5362	10-9	1800	Mon	735 735 735 00000	USB	(AB/MPJ)
G06	5903	12-9	1200	Wed	938 938 938 00000	USB	(MPJ)
G06	5422	12-9	1300	Wed	938 938 938 00000	USB	(MPJ)
G06	5934	13-9	1829	Thu	579 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000	USB	(AB/HFD)
G06	5442	14-9	1929	Fri	947 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000 Windows shut down sound	USB	(AB/HFD))
G06	6810	17-9	0758	Mon	111 111 111 00000 Windows shut down sound	USB	(AB)
G06	4598	20-9	1218	Thu	111 111 111 00000	USB	(AB)
G06	4598	20-9	1258	Thu	329 329 329 00000 Early start	USB	(AB)
G06	5934	27-9	1830	Thu	579 273 62 64537 27364 28374 ... 64612 84759 76491 273 273 62 62 00000	USB	(MPJ)
G06	5442	28-9	1930	Fri	947 273 62 64537 27364 28374 ... 64612 84759 76491 273 62 00000	USB	(AB/MPJ)
HM01	11435	1-9	1600	Sat	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RR2)
HM01	11435	2-9	1600	Sun	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RR2)
HM01	11435	3-9	1600	Mon	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RR2)

HM01	11435	4-9	1600	Tue	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RR2/BW3)
HM01	11630	4-9	1600	Tue	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(BW3)
HM01	11435	5-9	1600	Wed	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RR2/BW3)
HM01	11435	6-9	1600	Thu	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RR2)
HM01	11435	7-9	1600	Fri	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RR2/BW3)
HM01	11435	8-9	1600	Sat	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(BW3/RR2)
HM01	11635	8-9	1804	Sat	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug) Late start	AM/RDFT	(BW3)
HM01	11160	8-9	1908	Sat	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug) Late start	AM/RDFT	(BW3)
HM01	11435	9-9	1600	Sun	Started with the 4th group(42576) 52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RR2/RL)
HM01	11530	9-9	1654	Sun	Carrier until 1730z, then 52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)).	AM/RDFT	(RL)
HM01	11635	9-9	2100	Sun	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(RL)
HM01	10715	9-9	2200	Sun	52015 33504 74741 42576 58772 02452 (Repeating the message of 24 Aug)	AM/RDFT	(Dan)
HM01	11435	10-9	1600	Mon	New groups and continuation of existing groups 76813 48131 74746 34442 58778 18481	AM/RDFT	(RR2)
HM01	11435	11-9	1600	Tue	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	16180	11-9	2100	Tue	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	17480	11-9	2200	Tue	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11435	12-9	1600	Wed	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11435	13-9	1600	Thu	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11530	13-9	1700	Thu	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11635	13-9	1800	Thu	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	16180	13-9	2100	Thu	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	17480	13-9	2200	Thu	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11435	14-9	1600	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11635	14-9	1800	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11635	14-9	2100	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	10715	14-9	2200	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11435	15-9	1600	Sat	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept) Files: 14653444.txt, 27838877.txt, 34054813.txt, 36137681.txt, 37267474.txt	AM/RDFT	(BW3)
HM01	11435	15-9	1600	Sat	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	16180	15-9	2100	Sat	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	17480	15-9	2200	Sat	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11435	16-9	1600	Sun	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11435	17-9	1600	Mon	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11435	18-9	1600	Tue	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11435	19-9	1600	Wed	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11635	19-9	1757	Wed	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(BW3)
HM01	11435	20-9	1600	Thu	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	16180	20-9	2100	Thu	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(BW3)

HM01	11530	21-9	1700	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11530	21-9	1701	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(BW3)
HM01	11430	22-9	1600	Sat	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11435	22-9	1600	Sat	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(BW3)
HM01	9330	23-9	0700	Sun	18481 76813 48131 74746 34442 58778	AM/RDFT	(AB)
HM01	11430	23-9	1600	Sun	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	9330	24-9	0700	Mon	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(AB)
HM01	9065	24-9	0800	Mon	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(AB)
HM01	9240	24-9	0900	Mon	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(AB)
HM01	11430	24-9	1600	Mon	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11635	24-9	2100	Mon	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(Dan)
HM01	11430	25-9	1600	Tue	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	16180	25-9	2100	Tue	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(Dan)
HM01	11430	26-9	1600	Wed	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11635	26-9	2100	Wed	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	10715	26-9	2200	Wed	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11430	27-9	1600	Thu	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11430	28-9	1600	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	11635	28-9	2100	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	10715	28-9	2200	Fri	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11430	29-9	1600	Sat	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
HM01	17480	29-9	2200	Sat	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RL)
HM01	11430	30-9	1600	Sun	76813 48131 74746 34442 58778 18481 (Repeating the message of 10 Sept)	AM/RDFT	(RR2)
Jammer	13780	21-9	0938	Fri	Vietnamese siren jammer	AM	(AB)
Jammer	13780	28-9	0841	Fri	Vietnamese siren jammer	AM	(AB)
M01	6260	1-9	1500	Sat	463 115 115 30 30 == 77236 34498 54259 ... 28587 46573 42858 == 115 115 30 30 000	CW	(MPJ/HFD)
M01	6510	2-9	0700	Sun	463 221 221 30 30 == 56467 02031 67832 ... 70165 04806 46670 == 221 221 30 30 000	CW	(AB)
M01	5475	4-9	1800	Tue	463 812 812 30 30 == 35196 58717 22922 ... 45264 16448 13738 == 812 812 30 30 000	CW	(AB/MPJ/HFD)
M01	5020	4-9	2000	Tue	463 801 801 30 30 == 96941 48511 17436 ... 85465 15701 28166 == 801 801 30 30 000	CW	(AB/HFD)
M01	5475	6-9	1800	Thu	463 805 850 (as sent) 30 30 == 96941 48511 74361 ... 54658 15701 28166 == 805 805 30 30 000	CW	(JPL)
M01	6260	8-9	1500	Sat	463 463 463 = 451 451 30 30 000 98977 93994 59265 28091 85958 90644 ...	CW	(F5JBR)
M01	6260	8-9	1500	Sat	463 451 451 30 30 == 98977 93994 59265 ... 44576 94473 61201 == 451 451 30 30 000	CW	(MPJ)
M01	5475	11-9	1800	Tue	463 13206 15360 14209 ... 85159 86333 16952 561 561 = 30 30 // 000 Incomplete header	CW	(AB/MPJ)
M01	5020	11-9	2000	Tue	463 571 571 = 30 30 // 13584 92503 52442 ... 26472 93265 85343 // 571 571 = 30 30 000	CW	(AB)
M01	6260	15-9	1500	Sat	463 593 593 = 30 30 == 63470 11228 47197 ... 55230 34308 75773 == 593 593 = 30 30 000 Sent only 29 groups	CW	(AB)
M01	5475	18-9	1800	Tue	463 377 30 377 30 = 02183 25471 32740 ... 12152 10041 79047 == 377 30 377 30 000. Stops 1,5 min half way the message. Many different repeats	CW	(AB/MPJ)
M01	5475	20-9	1800	Thu	463 125 125 30 30 == 99020 68666 28097 ... 89815 72774 06122 == 125 125 30 30 000	CW	(AB/MPJ)

M01	6260	22-9	1500	Sat	463 914 914 30 30 == 36766 03004 65491 ... 20677 61062 88004 == = 914 914 30 30 000	CW	(AB/MPJ)
M01	6510	23-9	0700	Sun	463 589 30=506##	CW	(HFD)
M01	5475	25-9	1800	Tue	463 339 3 30 0 (!) == 71824 78416 31154 ... 24478 59067 07212 == = 339 339 30 30 000	CW	(MPJ)
M01	5475	27-9	1800	Thu	463 121 121 = 30 30 == = 47507 39178 66710 ... 15882 89864 51220 == = 121 121 = 30 30 000	CW	(MPJ)
M01	6260	29-9	1500	Sat	463 397 397 0 30 30 16686 51436 47242 ... 53476 21498 31798 397 397 30 30 000	CW	(AB/MPJ)
M01	6510	30-9	0700	Sun	463 235 235 30 30 == = 60906 71883 97165 ... 83772 66047 79530 == = 235 235 30 30 000	CW	(AB)
M01a	3378	7-9	0453	Fri	312 (x3) 111 000	CW	(F5JBR)
M01a	9411	7-9	0531	Fri	751 (x3) 955 11 (x2)	CW	(F5JBR)
M01a	4237	7-9	1301	Fri	975 (x3) 926 96 (x2) and 975 (x3) 921 76 (x2) and 975 (x3) 918 79 (x2) and 111 000	CW	(F5JBR)
M01a	3192	7-9	1803	Fri	111 = 75320 81472 07034 and 111 000	CW	(F5JBR)
M01a	2594	8-9	0440	Sat	11 502 04 and 949 (x3) 502 04 (x2) and 111 502 04 and 000	CW	(F5JBR)
M01a	4488	8-9	1144	Sat	361 361 361 875 36 875 36	CW	(F5JBR)
M01a	4573	8-9	1452	Sat	618 (x3) 447 47 (x2) 111 000 111 000	CW	(F5JBR)
M01a	3768	8-9	1520	Sat	133 (x3) 906 23 (x2) 111 000	CW	(F5JBR)
M01a	4099	8-9	1533	Sat	87 (x3) 941 50 (x2) 387 (x3) 941 30 (x2) 387 111 000	CW	(F5JBR)
M01a	2803	26-9	0420	Wed	633 633 633 728 26 728 26 333 72682 040 01 333 111 020 27 30 111 000	CW	(F5JBR)
M01a	5080	26-9	0440	Wed	132 132 132 998 73 998 73 111 000	CW	(F5JBR)
M01a	3389	26-9	0523	Wed	333 20 111 000	CW	(F5JBR)
M01a	4517	26-9	0713	Wed	378 34 = 64624 92788 50127 ... 10228 43999 23835 = 378 34 111 000	CW	(F5JBR)
M01b	3535	3-9	1810	Mon	420 291 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == = 291 291 33 33 000 //4590 kHz	MCW	(MPJ)
M01b	4590	3-9	1810	Mon	420 291 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == = 291 291 33 33 000 //3535 kHz	MCW	(AB/MPJ)
M01b	3645	3-9	1915	Mon	771 291 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == = 291 291 33 33 000 //4455 kHz	MCW	(MPJ-HOL/HFD)
M01b	4455	3-9	1915	Mon	771 291 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == = 291 291 33 33 000 //3645 kHz	MCW	(MPJ-HOL/HFD)
M01b	3510	6-9	1832	Thu	201 291 33 = 33 = 42881 25263 66161 ... 17407 51987(?) 61510 == = 291 33 000 //4605 kHz	MCW	(JPL)
M01b	4605	6-9	1832	Thu	201 291 33 = 33 = 42881 25263 66161 ... 17407 51987(?) 61510 == = 291 33 000 //3510 kHz	MCW	(JPL)
M01b	3625	7-9	1902	Fri	153 291 33 = 33 = 42881 25263 66161 ... 17407 51987 61510 == = 291 33 000 //4940 kHz	MCW	(MPJ-HOL/HFD)
M01b	4940	7-9	1902	Fri	153 291 33 = 33 = 42881 25263 66161 ... 17407 51987 61510 == = 291 33 000 //3625 kHz	MCW	(MPJ-HOL/HFD)
M01b	3520	7-9	2010	Fri	582 291 33 = 42891 //4585	CW	(HFD)
M01b	4585	7-9	2010	Fri	582 291 33 = 42891 //3520	CW	(HFD)
M01b	3535	10-9	1810	Mon	420 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == = 291 33 000 //4590 kHz	MCW	(MPJ-HOL/HFD)
M01b	4590	10-9	1810	Mon	420 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == = 291 33 000 //3535 kHz	MCW	(MPJ-HOL/HFD)
M01b	3645	10-9	1915	Mon	771 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == = 291 33 000 //4455 kHz	MCW	(MPJ-HOL)
M01b	4455	10-9	1915	Mon	771 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == = 291 33 000 //3645 kHz	MCW	(MPJ-HOL)
M01b	4605	13-9	1832	Thu	201 291 33=42831	CW	(HFD)
M01b	3715	13-9	1942	Thu	477 291 33 = 42831 //4570	CW	(HFD)
M01b	4570	13-9	1942	Thu	477 291 33 = 42831 //3715	CW	(HFD)

M01b	3510	20-9	1832	Thu	Too poor to copy //4605 kHz	MCW	(MPJ)
M01b	4605	20-9	1832	Thu	Too poor to copy //3510 kHz	MCW	(MPJ)
M01b	3625	21-9	1902	Fri	153 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //4940 kHz	MCW	(MPJ-HOL)
M01b	4940	21-9	1902	Fri	153 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //3625 kHz	MCW	(MPJ-HOL)
M01b	3535	24-9	1810	Mon	420 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //4590 kHz	MCW	(MPJ-HOL)
M01b	4590	24-9	1810	Mon	420 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //3535 kHz	MCW	(MPJ-HOL)
M01b	3645	24-9	1915	Mon	771 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //4455 kHz	MCW	(MPJ-HOL)
M01b	4455	24-9	1915	Mon	771 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //3645 kHz	MCW	(MPJ-HOL)
M01b	3510	27-9	1832	Thu	201 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //4605 kHz	MCW	(MPJ)
M01b	4605	27-9	1832	Thu	201 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //3510 kHz	MCW	(MPJ)
M01b	3625	28-9	1902	Fri	153 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000. //4940 kHz	MCW	(MPJ-HOL)
M01b	4940	28-9	1902	Fri	153 291 33 = 33 = 42891 25263 66161 ... 17407 51987 61510 == 291 33 000 //3625 kHz	MCW	(MPJ-HOL)
M08a	8136	4-9	2300	Tue	i.p.	CW	(CM2)
M08a	7555	11-9	2000	Tue	Two M08a transmissions and one V02a mixing together	CW	(qsr711)
M08a	17480	13-9	2200	Thu	AWNGA NGWNN TNGRN AR AR AR AWNGA AWNGA AWNGA = = = DUNGT DGNNI ... AR AR SK	CW	(RL)
M12	8176	1-9	0500	Sat	134 134 134 000	CW	(AB/HFD)
M12	9376	1-9	0520	Sat	134 134 134 000	CW	(AB/HFD)
M12	16348	3-9	1400	Mon	384 384 384 1 9899 77 9899 77 80075 07185 22249 ... 15913 98113 89764 000 000	CW	(AB-G/MPJ)
M12	14848	3-9	1420	Mon	384 384 384 1 9899 77 9899 77 80075 07185 22249 ... 15913 98113 89764 000 000	CW	(AB-G/MPJ)
M12	13448	3-9	1440	Mon	384 384 384 1 9899 77 9899 77 80075 07185 22249 ... 15913 98113 89764 000 000	CW	(AB/MPJ)
M12	8047	3-9	1800	Mon	463 463 463 1 6808 93 6808 93 45127 83373 37248 ... 59640 59164 30834 000 000	CW	(AB/HFD)
M12	6802	3-9	1820	Mon	463 463 463 1 6808 93 6808 93 45127 83373 37248 ... 59640 59164 30834 000 000	CW	(AB/HFD)
M12	5788	3-9	1840	Mon	463 463 463 1 6808 93 6808 93 45127 83373 37248 ... 59640 59164 30834 000 000	CW	(AB/HFD)
M12	10343	3-9	2000	Mon	124 124 124 1 947 103 947 103 18329 49854 39174 ... 15107 26137 36027 000 000	CW	(AB/HFD)
M12	9264	3-9	2020	Mon	124 124 124 1 947 103 947 103 18329 49854 39174 ... 15107 26137 36027 000 000	CW	(AB/HFD)
M12	8116	3-9	2040	Mon	124 124 124 1 947 103 947 103 18329 49854 39174 ... 15107 26137 36027 000 000	CW	(AB/HFD)
M12	13483	4-9	0300	Tue	758 1 ...	CW	(SDX)
M12	12183	4-9	0320	Tue	758 1 ...	CW	(SDX)
M12	11583	4-9	0340	Tue	758 1 ...	CW	(SDX)
M12	16348	5-9	1400	Wed	384 384 384 1 9899 77 9899 77 80075 07185 22249 ... 15913 98113 89764 000 000	CW	(AB-G/MPJ/HFD)
M12	14848	5-9	1420	Wed	384 384 384 1 9899 77 9899 77 80075 07185 22249 ... 15913 98113 89764 000 000	CW	(AB-G/MPJ/HFD)
M12	13448	5-9	1440	Wed	384 384 384 1 9899 77 9899 77 80075 07185 22249 ... 15913 98113 89764 000 000	CW	(AB/MPJ/HFD)
M12	13375	5-9	1950	Wed	352 352 352 000	CW	(AB/HFD)
M12	11575	5-9	2010	Wed	352 352 352 000	CW	(AB/HFD)
M12	6793	5-9	2100	Wed	785 785 785 1 2188 65 2188 65 39413 91378 57820 ... 86973 14639 84346 000 000	CW	(AB/HFD)
M12	5893	5-9	2120	Wed	785 785 785 1 2188 65 2188 65 39413 91378 57820 ... 86973 14639 84346 000 000	CW	(AB/HFD)
M12	4593	5-9	2140	Wed	785 785 785 1 2188 65 2188 65 39413 91378 57820 ... 86973 14639 84346 000 000	CW	(AB/HFD)
M12	13483	6-9	0300	Thu	758 1 ...	CW	(SDX)
M12	12183	6-9	0320	Thu	758 1 ...	CW	(SDX)
M12	11583	6-9	0340	Thu	758 1 ...	CW	(SDX)

M12	14377	6-9	1700	Thu	317 1 7784 110 05267 22205 37288 ... 99263 36014 22837 000 000	CW	(MPJ/HFD)
M12	13461	6-9	1720	Thu	317 1 7784 110 05267 22205 37288 ... 99263 36014 22837 000 000	CW	(MPJ/HFD)
M12	12114	6-9	1740	Thu	317 1 7784 110 05267 22205 37288 ... 99263 36014 22837 000 000	CW	(MPJ/HFD)
M12	10343	6-9	1900	Thu	124 1 8070 118 41858 44861 23430 ... 31535 13833 81501 000 000	CW	(MPJ/HFD)
M12	9264	6-9	1920	Thu	124 1 8070 118 41858 44861 23430 ... 31535 13833 81501 000 000	CW	(MPJ/HFD)
M12	8116	6-9	1940	Thu	124 1 8070 118 41858 44861 23430 ... 31535 13833 81501 000 000	CW	(MPJ/HFD)
M12	9246	6-9	2110	Thu	218 218 218 000	CW	(HFD)
M12	8146	6-9	2130	Thu	218 218 218 000	CW	(HFD)
M12	13375	7-9	1950	Fri	352 352 352 000	CW	(AB)
M12	11575	7-9	2010	Fri	352 352 352 000	CW	(AB)
M12	16348	10-9	1400	Mon	384 1 2287 89 94969 15570 40103 ... 78295 41019 84447 000 000	CW	(MPJ)
M12	14848	10-9	1420	Mon	384 1 2287 89 94969 15570 40103 ... 78295 41019 84447 000 000	CW	(MPJ)
M12	13448	10-9	1440	Mon	384 1 2287 89 94969 15570 40103 ... 78295 41019 84447 000 000	CW	(MPJ)
M12	8047	10-9	1800	Mon	463 463 463 1 427 139 427 139 83053 92049 85359 ... 02070 52235 79599 000 000	CW	(AB/MPJ)
M12	6802	10-9	1820	Mon	463 463 463 1 427 139 427 139 83053 92049 85359 ... 02070 52235 79599 000 000	CW	(AB/MPJ)
M12	5788	10-9	1840	Mon	463 463 463 1 427 139 427 139 83053 92049 85359 ... 02070 52235 79599 000 000	CW	(AB/MPJ)
M12	10343	10-9	2000	Mon	124 124 124 1 5604 102 5604 102 65350 69842 49922 ... 04527 58952 43933 000 000	CW	(AB)
M12	9264	10-9	2020	Mon	124 124 124 1 5604 102 5604 102 65350 69842 49922 ... 04527 58952 43933 000 000	CW	(AB)
M12	8116	10-9	2040	Mon	124 124 124 1 5604 102 5604 102 65350 69842 49922 ... 04527 58952 43933 000 000	CW	(AB)
M12	13483	11-9	0300	Tue	758 1 ...	CW	(SDX)
M12	12183	11-9	0320	Tue	758 1 ...	CW	(SDX)
M12	11583	11-9	0340	Tue	758 1 ...	CW	(SDX)
M12	16348	12-9	1400	Wed	384 384 384 1 2287 89 2287 89 94969 15570 40103 ... 78295 41019 84447 000 000	CW	(AB/MPJ)
M12	14848	12-9	1420	Wed	384 384 384 1 2287 89 2287 89 94969 15570 40103 ... 78295 41019 84447 000 000	CW	(AB/MPJ)
M12	13448	12-9	1440	Wed	384 384 384 1 2287 89 2287 89 94969 15570 40103 ... 78295 41019 84447 000 000	CW	(AB/MPJ)
M12	13375	12-9	1950	Wed	352 352 352 000	CW	(AB)
M12	11575	12-9	2010	Wed	352 352 352 000	CW	(AB)
M12	13483	13-9	0300	Thu	758 1 ...	CW	(SDX)
M12	12183	13-9	0320	Thu	758 1 ...	CW	(SDX)
M12	11583	13-9	0340	Thu	758 1 ...	CW	(SDX)
M12	14377	13-9	1700	Thu	317 317 317 1 4637 106 4637 106 00636 74509 56108 ... 77857 01893 73866 000 000	CW	(AB)
M12	13461	13-9	1720	Thu	317 317 317 1 4637 106 4637 106 00636 74509 56108 ... 77857 01893 73866 000 000	CW	(AB)
M12	12114	13-9	1740	Thu	317 317 317 1 4637 106 4637 106 00636 74509 56108 ... 77857 01893 73866 000 000	CW	(AB)
M12	10343	13-9	1900	Thu	124 124 124 1 5397 123 5397 123 40913 33703 15080 ... 55299 34228 77167 000 000	CW	(AB)
M12	9264	13-9	1920	Thu	124 124 124 1 5397 123 5397 123 40913 33703 15080 ... 55299 34228 77167 000 000	CW	(AB)
M12	8116	13-9	1940	Thu	124 124 124 1 5397 123 5397 123 40913 33703 15080 ... 55299 34228 77167 000 000	CW	(AB)
M12	9246	13-9	2110	Thu	218 218 218 000	CW	(RL)
M12	13375	14-9	1950	Fri	352 352 352 000	CW	(RL)
M12	8176	15-9	0500	Sat	134 134 134 000	CW	(AB)
M12	9376	15-9	0520	Sat	134 134 134 000	CW	(AB)

M12	16348	17-9	1400	Mon	384 384 384 000	CW	(AB)
M12	14848	17-9	1420	Mon	384 384 384 000	CW	(AB)
M12	8047	17-9	1800	Mon	463 463 463 1 8763 96 8763 96 95932 24135 72541 ... 78141 89145 73209 000 000	CW	(AB)
M12	6802	17-9	1820	Mon	463 463 463 1 8763 96 8763 96 95932 24135 72541 ... 78141 89145 73209 000 000	CW	(AB)
M12	5788	17-9	1840	Mon	463 463 463 1 8763 96 8763 96 95932 24135 72541 ... 78141 89145 73209 000 000	CW	(AB)
M12	10343	17-9	2000	Mon	124 124 124 8949 101 8949 101 39476 28184 49974 ... 14392 12970 06513 000 000	CW	(AB)
M12	9264	17-9	2020	Mon	124 124 124 8949 101 8949 101 39476 28184 49974 ... 14392 12970 06513 000 000	CW	(AB)
M12	8116	17-9	2040	Mon	124 124 124 8949 101 8949 101 39476 28184 49974 ... 14392 12970 06513 000 000	CW	(AB)
M12	16348	19-9	1400	Wed	384 384 384 000	CW	(MPJ)
M12	14848	19-9	1420	Wed	384 384 384 000	CW	(MPJ)
M12	13375	19-9	1950	Wed	352 352 352 000	CW	(AB)
M12	11575	19-9	2010	Wed	352 352 352 000	CW	(AB)
M12	6793	19-9	2100	Wed	785 785 785 1 251 93 251 93 83453 49755 82188 ... 32979 02137 15388 000 000	CW	(AB)
M12	5893	19-9	2120	Wed	785 785 785 1 251 93 251 93 83453 49755 82188 ... 32979 02137 15388 000 000	CW	(AB)
M12	4593	19-9	2140	Wed	785 785 785 1 251 93 251 93 83453 49755 82188 ... 32979 02137 15388 000 000	CW	(AB)
M12	12183	20-9	0300	Thu	758 758 758 000	CW	(SDX)
M12	13483	20-9	0300	Thu	758 758 758 000	CW	(SDX)
M12	14377	20-9	1700	Thu	317 317 317 1 3205 105 3205 105 78842 83087 99657 ... 33065 91571 30217 000 000	CW	(AB/MPJ)
M12	13461	20-9	1720	Thu	317 317 317 1 3205 105 3205 105 78842 83087 99657 ... 33065 91571 30217 000 000	CW	(AB/MPJ)
M12	12114	20-9	1740	Thu	317 317 317 1 3205 105 3205 105 78842 83087 99657 ... 33065 91571 30217 000 000	CW	(AB/MPJ)
M12	10343	20-9	1900	Thu	124 124 124 1 1316 123 1316 123 85566 24796 36360 ... 82850 93632 76582 42007 000 000	CW	(AB/MPJ)
M12	9264	20-9	1920	Thu	124 124 124 1 1316 123 1316 123 85566 24796 36360 ... 82850 93632 76582 42007 000 000	CW	(AB/MPJ)
M12	8116	20-9	1940	Thu	124 124 124 1 1316 123 1316 123 85566 24796 36360 ... 82850 93632 76582 42007 000 000	CW	(AB/MPJ)
M12	9246	20-9	2110	Thu	218 218 218 000	CW	(AB)
M12	8146	20-9	2130	Thu	218 218 218 000	CW	(AB)
M12	13375	21-9	1950	Fri	352 352 352 000	CW	(AB)
M12	11575	21-9	2010	Fri	352 352 352 000	CW	(AB)
M12	8176	22-9	0500	Sat	134 134 134 1 251 93 251 93 83453 49755 82188 ... 32979 02137 15388 000 000	CW	(AB)
M12	9376	22-9	0520	Sat	134 134 134 1 251 93 251 93 83453 49755 82188 ... 32979 02137 15388 000 000	CW	(AB)
M12	10476	22-9	0540	Sat	134 134 134 1 251 93 251 93 83453 49755 82188 ... 32979 02137 15388 000 000	CW	(AB)
M12	16348	24-9	1400	Mon	384 384 384 1 567 105 567 105 36436 37791 94189 ... 44280 15458 23713 0000 000	CW	(AB-QAT/MPJ)
M12	14848	24-9	1420	Mon	384 384 384 1 567 105 567 105 36436 37791 94189 ... 44280 15458 23713 0000 000	CW	(AB-QAT/MPJ)
M12	13448	24-9	1440	Mon	384 384 384 1 567 105 567 105 36436 37791 94189 ... 44280 15458 23713 0000 000	CW	(AB-QAT/MPJ)
M12	8047	24-9	1800	Mon	463 463 463 1 8968 95 8968 95 60554 57257 43245 ... 27598 39285 59612 000 000	CW	(AB/MPJ)
M12	6802	24-9	1820	Mon	463 463 463 1 8968 95 8968 95 60554 57257 43245 ... 27598 39285 59612 000 000	CW	(AB/MPJ)
M12	5788	24-9	1840	Mon	463 463 463 1 8968 95 8968 95 60554 57257 43245 ... 27598 39285 59612 000 000	CW	(AB/MPJ)
M12	10343	24-9	2000	Mon	124 124 124 1 1909 103 1909 103 66820 89740 68471 ... 93881 07209 89539 000 000	CW	(AB)
M12	9264	24-9	2020	Mon	124 124 124 1 1909 103 1909 103 66820 89740 68471 ... 93881 07209 89539 000 000	CW	(AB)
M12	8116	24-9	2040	Mon	124 124 124 1 1909 103 1909 103 66820 89740 68471 ... 93881 07209 89539 000 000	CW	(AB)
M12	9246	24-9	2110	Mon	218 218 218 000	CW	(AB)

M12	8146	24-9	2130	Mon	218 218 218 000		CW	(AB)
M12	13483	25-9	0300	Tue	758 758 758 1 message		CW	(SDX)
M12	12183	25-9	0320	Tue	758 758 758 1 message		CW	(SDX)
M12	11583	25-9	0340	Tue	758 758 758 1 message		CW	(SDX)
M12	16348	26-9	1400	Wed	384 384 384 1 567 105 567 105 36436 37791 94189 ... 44280 15458 23713 0000 000		CW	(AB/MPJ)
M12	14848	26-9	1420	Wed	384 384 384 1 567 105 567 105 36436 37791 94189 ... 44280 15458 23713 0000 000		CW	(AB/MPJ)
M12	13448	26-9	1440	Wed	384 384 384 1 567 105 567 105 36436 37791 94189 ... 44280 15458 23713 0000 000		CW	(AB/MPJ)
M12	6793	26-9	2100	Wed	785 785 785 000		CW	(AB)
M12	5893	26-9	2120	Wed	785 785 785 000		CW	(AB/RL)
M12	14377	27-9	1700	Thu	317 1 2583 104 25812 38733 12757 ... 99958 36054 40297 000 000		CW	(MPJ)
M12	13461	27-9	1720	Thu	317 1 2583 104 25812 38733 12757 ... 99958 36054 40297 000 000		CW	(MPJ)
M12	12114	27-9	1740	Thu	317 1 2583 104 25812 38733 12757 ... 99958 36054 40297 000 000		CW	(MPJ)
M12	10343	27-9	1900	Thu	124 1 9193 121 30854 95011 01184 ... 76533 91874 56469 000 000		CW	(MPJ)
M12	9264	27-9	1920	Thu	124 1 9193 121 30854 95011 01184 ... 76533 91874 56469 000 000		CW	(MPJ)
M12	13375	28-9	1950	Fri	352 352 352 000		CW	(AB/RL)
M12	11575	28-9	2010	Fri	352 352 352 000		CW	(AB)
M12	8176	29-9	0500	Sat	134 134 134 000		CW	(AB)
M12	9376	29-9	0520	Sat	134 134 134 000		CW	(AB)
M12	11469	29-9	2210	Sat	421 421 421 1 371 147 371 147 22381 41028 45164 36123à41112 86286 97346 65948 000 000		CW	(RL)
M12	10269	29-9	2230	Sat	421 421 421 1 371 147 371 147 22381 41028 45164 36123à41112 86286 97346 65948 000 000		CW	(RL)
M12	9169	29-9	2250	Sat	421 421 421 1 371 147 371 147 22381 41028 45164 36123à41112 86286 97346 65948 000 000		CW	(RL)
M14	18041	3-9	0500	Mon	952 730 730 50 50 == 14967 52014 58702 ... 99872 63018 58494 == 730 730 50 50 00000		CW	(AB-NZL)
M14	18041	4-9	0500	Tue	952 184 184 55 55 == 40478 83540 19500 ... 24302 99849 68537 == 184 184 55 55 00000		CW	(AB-NZL)
M14	5740	4-9	1600	Tue	725 725 725 00000		MCW	(AB/MPJ)
M14	18041	5-9	0500	Wed	952 673 673 50 50 == 35151 54097 52254 ... 97362 59632 98787 == 673 673 50 50 00000		CW	(AB-NZL)
M14	6780	5-9	1600	Wed	725 725 725 00000		CW	(HFD)
M14	18041	6-9	0500	Thu	952 140 140 55 55 == 74303 42932 23992 ... 92530 27161 21041 == 140 140 55 55 00000		CW	(AB-KOR/HFD)
M14	5947	11-9	1734	Tue	Test 5874T 15219 28258 T7733 15079 22443 3		MCW	(AB)
M14	5947	11-9	1820	Tue	346 737 737 53 53 46782 15711 80312 ... 66677 12370 46102 737 737 53 53 00000		MCW	(AB/MPJ)
M14	5463	12-9	1920	Wed	537 121 121 56 56 45644 45646 81348 ... 02458 81230 67312 121 121 56 56 00000		MCW	(AB/MPJ/HFD)
M14	18041	17-9	0500	Mon	952 473 473 55 55 == 12493 74962 14423 ... 89248 16247 91084 == 473 473 55 55 00000		CW	(AB-NZL)
M14	18041	18-9	0500	Tue	952 680 680 50 50 == 63412 42551 36894 ... 17690 06269 49218 == 680 680 50 50 00000		CW	(AB-KOR)
M14	5750	18-9	1600	Tue	725 725 725 00000		MCW	(AB)
M14	18041	19-9	0500	Wed	952 317 317 55 55 == 57110 26236 63225 58511 58511 ...		CW	(AB-KOR)
M14	18041	20-9	0500	Thu	952 846 846 50 50 == 49351 63652 18355 ... 25701 45610 44574 == 846 846 50 50 00000		CW	(AB-NZL)
M14	18041	21-9	0500	Fri	952 107 107 55 55 == 96387 88918 34050 ... 98535 44278 71349 == 107 107 55 55 00000		CW	(AB-KOR)
M14	5275	21-9	1900	Fri	735 735 735 00000		MCW	(AB/MPJ)
M14	4874	21-9	2000	Fri	735 735 735 00000		MCW	(AB)
M14	16347	25-9	0930	Tue	617 958 958 77 77 == 94050 33976 86900 ... 18862 48184 25350 == 958 958 77 77 00000		CW	(AB)
M14	5947	25-9	1820	Tue	346 001 001 51 51 12354 11225 76870 ... 55443 87902 54109 001 001 51 51 00000		MCW	(AB/MPJ/HFD)

M14	18041	26-9	0500	Wed	952 346 346 50 50 = 41801 25122 52126 12041 ... = = 346 346 50 50 00000	CW	(AB-J)
M14	14878	26-9	0930	Wed	617 958 958 77 77 = = 94050 33976 86900 ... 18862 48184 25350 = = 958 958 77 77 00000	CW	(AB)
M14	5463	26-9	1920	Wed	Null message followed by a message 537 537 537 00000 518 518 86 86 32498 53900 12865 ... 20943 57286 61220 518 518 86 86 00000	MCW	(AB/MPJ)
M14	18041	27-9	0500	Thu	952 807 807 55 55 = = 30202 06513 35526 ... 52112 72089 23520 = = 807 807 55 55 00000	CW	(AB-KOR)
M14	18041	28-9	0500	Fri	952 293 293 55 = 55 = 18195 61545 36378 ... 92631 19556 18773 = 293 = 293 55 55 00000	CW	(AB-KOR)
M21	6911.5	7-9	0804	Fri	=991105??8?????? =92245190108067	CW	(F5JBR)
M21	8747	7-9	0957	Fri	=99?1258?9?????? =99?1259?9??????	CW	(F5JBR)
M21	6231	8-9	0538	Sat	=990838??0????? =990839??0?????	CW	(F5JBR)
M21	3535.5	8-9	1645	Sat	=991945??0????? =991946??0?????	CW	(F5JBR)
M21	5789	11-9	0605	Tue	=990905??0?????? =17403160029104 =27403901080621 =990906??0??????	CW	(F5JBR-J)
M21	7092	11-9	0623	Tue	=17403160582222 =18012454534921 =27403901080621 =28012901020601 =99209?5??9????? =17403160582224 =18012454534222	CW	(F5JBR-J)
M21	3300.5	11-9	1443	Tue	=99?1743?9????? =99?1745?9?????	CW	(F5JBR-J)
M21	4582	11-9	1453	Tue	=991753??0????? =991754??0?????	CW	(F5JBR-J)
M21	4601	13-9	1042	Thu	=1937199821542 =0069391653352 =0932190354842 =09034190899343 =0074345852 =190193642 =0070828243 =0069621243 =1937190323344 =0070199818144 =0932353154	CW	(F5JBR-J)
M32	9058.2	1-9	0605	Sat	UUUUU RDL RDL 08198 34480 08198 34480 08198 34480 K	CW	(AB)
M32	13561	21-9	1220	Fri	XXX XXX WEGI WEGI 16306 FENOTANK 4310 1505 //13443, 12688 kHz	CW	(JU)
M32	16348	25-9	0912	Tue	JB1D JB1D JB1D DE 2YD5 2YD5 ZTV ZEU ZJA QYT9 K	CW	(AB)
M32	16348	25-9	0921	Tue	VVV I9H7 I9H7 I9H7 DE BUFS BUFS K	CW	(AB)
M32	16348	25-9	0923	Tue	PYO8 PYO8 PYO8 DE BUFS BUFS K	CW	(AB)
M32	12688	26-9	0824	Wed	XXX XXX 1QRF 1QRF 94976 SAMOWAPNYJ 9584 7652	CW	(JU)
M32	12832	28-9	0933	Fri	XXX XXX RGT77 RGT77 77315 32664 POLSLOWA 6142 7806 SUDOCEP 0689 5561	CW	(JU)
M32	12832	28-9	0936	Fri	XXX XXX WEGI WEGI 08678 55407 TYLOLAWR 0986 1597 WIZGOSWAN 1652 0422	CW	(JU)
M32a	3309	6-9	1501	Thu	RLP69 DE RCC QSA 1 QRV K	CW	(JPL-J)
M32a	5293	15-9	1800	Sat	REO REO REO DE RMP RMP QTC 323 230 15 2002 323 = PRIP KALINIGRAD 291 KARE 25052 GDANXSKIJ ZALIW ...	CW	(AB)
M32b	8816	1-9	0740	Sat	rjc38 rjf94 de 10741 qth 14440 14316 qtr 0737	CW	(WP3)
M32b	8816	6-9	0737	Thu	rjf94 rjc38 de 26957 qto 0722 qrd XRFI XRKE qre 0840 qbd 0500 k. qqm XRFI 0837 sk	CW	(WP3)
M42	12162	1-9	0831	Sat	Russian diplo/intel i.p. Ends at 0832 UTC	MFSK-66	(AB)
M42	11438	3-9	1530	Mon	MFA Moscow working Embassy Paris (QSX 10167 kHz)	MFSK-66	(Danix)
M42	14360	4-9	0702	Tue	Russian diplo/intel i.p.	MFSK-66	(AB)
M42	15878	12-9	1100	Wed	Russian diplo/intel. Three callup burtst. No answer	3000Bd callup bursts	(Danix)
M42	18660	12-9	1100	Wed	Russian diplo/intel. Three callup bursts, followed by traffic in MFSK-66	3000Bd callup bursts	(Danix)
M42	16348	25-9	1115	Tue	Russian diplo/intel i.p	MFSK-66	(AB)
M42b	7514	7-9	0651	Fri	NCS wkg outstation. Traffic in FSK, opchat in Morse: QRU NIL SK	CW	(F5JBR)
M42b	5328	8-9	0621	Sat	WL4I wkgBFRW. Traffic in FSK, opchat in Morse	CW	(F5JBR)
M42b	4958	8-9	1446	Sat	UOGW wkg PRIL QSY 89828 K	CW	(F5JBR)
M42b	4498	8-9	1455	Sat	UOGW wkg PRIL QSY 52319 K QSA NO SK	CW	(F5JBR)

M42b	5339	13-9	0912	Thu	ODJ2 wkg NRPH: NO QSY 73968	CW	(F5JBR-J)
M51	3881	11-9	1615	Tue	5ltr grps with headers NR 47 S 11 18:15:32 2018 = NR 49 S 11 18:30:5 2018 =	CW	(BR)
M51	6825	17-9	0755	Mon	NR 25 S 17 09:57:52 2018 = IIGUS OCZNI EUFTV ... SNESJ GNPTN RVVMN =	CW	(AB)
M51	6825	17-9	1830	Mon	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ LUNDI-LECON 21-1/VITESSE 420 CODE =	CW	(AB)
M51	3881	19-9	1601	Wed	NR 01 S 19 18:01:33 2018 = message	CW	(AB)
M51	3881	19-9	1716	Wed	NR 13 S 19 19:16:22 2018 = OUKBO ZWZLD DDZNI ... NGAZZ JXBJQ FMJLU = //6825 kHz	CW	(AB)
M51	6825	19-9	1716	Wed	NR 13 S 19 19:16:22 2018 = OUKBO ZWZLD DDZNI ... NGAZZ JXBJQ FMJLU = //3381 kHz	CW	(AB)
M51	3881	20-9	0735	Thu	NR 65 S 20 09:35:52 2018 = 100LG message = //6825 kHz	CW	(AB)
M51	6825	20-9	0735	Thu	NR 65 S 20 09:35:52 2018 = 100LG message = //3881 kHz	CW	(AB)
M51	3881	20-9	0812	Thu	NR 71 S 20 10:12:24 2018 = 100LG message = //6825 kHz	CW	(AB)
M51	6825	20-9	0812	Thu	NR 71 S 20 10:12:24 2018 = 100LG message = //3881 kHz	CW	(AB)
M51	3881	20-9	1031	Thu	NR 89 S 20 12:31:10 2018 = 100LG message = //6825 kHz	CW	(AB)
M51	6825	20-9	1031	Thu	NR 89 S 20 12:31:10 2018 = 100LG message = //3881 kHz	CW	(AB)
M51	3881	26-9	1426	Wed	NR 78 S 26 16:26:49 2018 = //6825 kHz	CW	(AB)
M51	6825	26-9	1426	Wed	NR 78 S 26 16:26:49 2018 = //3881 kHz	CW	(AB)
M51	3881	26-9	1432	Wed	NR 79 S 26 16:32:59 2018 = //6825 kHz	CW	(AB)
M51	6825	26-9	1432	Wed	NR 79 S 26 16:32:59 2018 = //3881 kHz	CW	(AB)
M51	3881	26-9	1439	Wed	NR 80 S 26 16:39:07 2018 = //6825 kHz	CW	(AB)
M51	6825	26-9	1439	Wed	NR 80 S 26 16:39:07 2018 = //3881 kHz	CW	(AB)
M89	9856	2-9	0203	Sun	V ZJ3T (x3) DE QB4S (x2) //12058	CW	(JPL)
M89	12058	2-9	0203	Sun	V ZJ3T (x3) DE QB4S (x2) //9856	CW	(JPL)
M89	9856	2-9	0736	Sun	V ZJ3T (x3) DE QB4S (x2) //12058	CW	(JPL)
M89	12058	2-9	0736	Sun	V ZJ3T (x3) DE QB4S (x2) //9856	CW	(JPL)
M89	6874	2-9	0737	Sun	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	2-9	0737	Sun	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	7527	2-9	0745	Sun	i.p. 3DA4 65TD U3N4 D6A4 3UA4 N47T III = 5U4N 3UT4 45UD ... III = 53U4 467U D53A ...	CW	(JPL)
M89	8120	2-9	0800	Sun	QAKJ DE R6GC R R IEC = 5N3C AR K R R AS AS HR CQ PSE CY MSG NR 829 CK 30 05 0902 1602	CW	(JPL)
M89	6840	2-9	0820	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	2-9	0820	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	3238	2-9	1251	Sun	V M8JF (x3) DE RIS9 (x2) //8157 and 6874 and 4870	CW	(JPL)
M89	4870	2-9	1251	Sun	V M8JF (x3) DE RIS9 (x2) //8157 and 6874 and 3238	CW	(JPL)
M89	6874	2-9	1251	Sun	V M8JF (x3) DE RIS9 (x2) //8157 and 4870 and 3238	CW	(JPL)
M89	8157	2-9	1251	Sun	V M8JF (x3) DE RIS9 (x2) //6874 and 4870 and 3238	CW	(JPL)
M89	3378	2-9	1255	Sun	V ZJ3T (x3) DE QB4S (x2) //4783	CW	(JPL)
M89	4783	2-9	1255	Sun	V ZJ3T (x3) DE QB4S (x2) //3378	CW	(JPL)
M89	4131	2-9	2208	Sun	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	9856	4-9	0902	Tue	V ZJ3T (x3) DE QB4S (x2) //12058	CW	(JPL)
M89	12058	4-9	0902	Tue	V ZJ3T (x3) DE QB4S (x2) //9856	CW	(JPL)
M89	6874	4-9	0905	Tue	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)

M89	8157	4-9	0905	Tue	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	5359	4-9	0914	Tue	i.p. N3AA N3AA AT3D AT3D K. 25W = AT3D AT3D K. 41W BT U5TD U5TD K	CW	(JPL)
M89	3238	4-9	1420	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	4-9	1420	Tue	V M8JF (x3) DE RIS9 (x2) //3238)	CW	(JPL)
M89	3378	4-9	1647	Tue	V JU7B (x3) DE 3FCX (x2)	CW	(JPL)
M89	3155	4-9	1652	Tue	i.p. DT3T TN5U 6DD5 DTU7 5UT7 ... AR K. R 16W BT NN5N NN5N AR K	CW	(JPL)
M89	3247	4-9	1709	Tue	i.p. QSA NWK NR 608 608 K. OK DE NZ3V QSA 2 NWK NR 30 NR 30	CW	(JPL)
M89	9856	5-9	0749	Wed	V ZJ3T (x3) DE QB4S (x2) //12058	CW	(JPL)
M89	12058	5-9	0749	Wed	V ZJ3T (x3) DE QB4S (x2) //9856	CW	(JPL)
M89	6874	5-9	0753	Wed	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	5-9	0753	Wed	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	3238	6-9	1219	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	6-9	1219	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	6-9	1229	Thu	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	4783	6-9	1229	Thu	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	4943	6-9	1229	Thu	V ZJ3T (x3) DE QB4S (x2) //7589	CW	(JPL)
M89	7589	6-9	1229	Thu	V ZJ3T (x3) DE QB4S (x2) //4943	CW	(JPL)
M89	4001	6-9	1507	Thu	V C4TY (x3) DE NSF5 (x2) RMKS 44545 44444 NR 04 N3	CW	(JPL)
M89	4131	6-9	2120	Thu	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M89	4870	6-9	2130	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4943	6-9	2137	Thu	V ZJ3T (x3) DE QB4S (x2) //7589	CW	(JPL)
M89	7589	6-9	2137	Thu	V ZJ3T (x3) DE QB4S (x2) //4943	CW	(JPL)
M89	3247	9-9	1715	Sun	i.p. DE IZS4 R QSL 0115 0115 R NIL SK R GB ROK QSL QSL 0118 0118 K	CW	(JPL)
M89	3238	9-9	1735	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	9-9	1735	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3647	9-9	2034	Sun	i.p. R RPT 11W K. R RPT 35W TO 36W K	CW	(JPL)
M89	3378	9-9	2102	Sun	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	7850	10-9	1220	Mon	i.p. 7AN3 N56A DU6A N47U 7UD4 ...	CW	(JPL)
M89	7878	10-9	1225	Mon	i.p. 7G NR 6803 CK 200 80 0910 1400 RMKS MSG NR = A 7G NR 6803 CK 200 80 0 EEEEE5 =	CW	(JPL)
M89	4943	10-9	1231	Mon	V ZJ3T (x3) DE QB4S (x2) //7589	CW	(JPL)
M89	7589	10-9	1231	Mon	V ZJ3T (x3) DE QB4S (x2) //4943	CW	(JPL)
M89	3378	10-9	1234	Mon	V C4TY (x3) DE NSF5 (x2) //4783	CW	(JPL)
M89	3378	10-9	1234	Mon	V C4TY (x3) DE NSF5 (x2) MSG NR 041 CK 499 68 0911 0000 = 7T64 5UDU N3DA 436D 6AU3 U5UT 3TU6 5TUA TTT6A TTTA ...	CW	(JPL)
M89	4783	10-9	1234	Mon	V C4TY (x3) DE NSF5 (x2) //3378	CW	(JPL)
M89	3651	10-9	1546	Mon	i.p. DAN5 75N6 54N3 537U T5AU ...	CW	(JPL)
M89	8157	10-9	2345	Mon	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	9856	10-9	2357	Mon	V ZJ3T (x3) DE QB4S (x2)	CW	(JPL)
M89	5345	11-9	0015	Tue	i.p. R HR WK NR 1925 K K R HR WK NR ISKK 209 K K	CW	(JPL)
M89	5305	11-9	0022	Tue	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)

M89	9856	11-9	0025	Tue	V ZJ3T (x3) DE QB4S (x2)	CW	(JPL)
M89	5142	11-9	0027	Tue	VVV JKVW (x3) DE CJZM (x2)	CW	(JPL)
M89	12058	11-9	0612	Tue	V ZJ4T (x3) de QB4S (x2) //9856	CW	(F5JBR-J)
M89	12058	11-9	0612	Tue	V ZJ4T (x3) de QB4S (x2) //9856 kHz	CW	(F5JBR-J)
M89	8157	11-9	0717	Tue	V M8JF (x3) DE RIS9 (x2) and messages	CW	(F5JBR-J)
M89	8157	11-9	0717	Tue	V M8JF (x3) DE RIS9 (x2) and Messages)	CW	(F5JBR-J)
M89	4943	11-9	1340	Tue	V ZJ3T (x3) DE QB4S (x2) //7589	CW	(JPL)
M89	7589	11-9	1340	Tue	V ZJ3T (x3) DE QB4S (x2) //4943	CW	(JPL)
M89	3378	11-9	1347	Tue	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	3238	11-9	1348	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	11-9	1348	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	5155	11-9	1350	Tue	RIS9 i.p. 763U 3TTT 57N3 67U7 ... AR K K R RAR R R R R TTTT TO UMMMM M = =	CW	(JPL)
M89	3238	11-9	1440	Tue	M8JF de RIS9 V //4870	CW	(F5JBR-J)
M89	3238	11-9	1440	Tue	M8JF de RIS9 V //4870 kHz	CW	(F5JBR-J)
M89	3378	11-9	1441	Tue	V C4TY (x3) DE NHF5 (x2)	CW	(F5JBR-J)
M89	3378	11-9	1441	Tue	V C4TY (x3) DE NHF5 (x2))	CW	(F5JBR-J)
M89	4943	11-9	1449	Tue	V ZJ4T (x3) de QB4S (x2)	CW	(F5JBR-J)
M89	4943	11-9	1449	Tue	V ZJ4T (x3) de QB4S (x2))	CW	(F5JBR-J)
M89	9856	13-9	0734	Thu	V ZJ3T (x3) DE QB4S (x2) //12058	CW	(JPL)
M89	12058	13-9	0734	Thu	V ZJ3T (x3) DE QB4S (x2) //9856	CW	(JPL)
M89	6874	13-9	0736	Thu	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	13-9	0736	Thu	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	5766	13-9	0747	Thu	i.p. B7DN 7G 1	CW	(JPL)
M89	7522	13-9	0844	Thu	LEWF wkg E3R3: MSG NR 3046 CK62 5809 13 RMKS 74146 74074 14672 = message	CW	(F5JBR-J)
M89	5305	13-9	1100	Thu	V C4TY (x3) DE NSF5 (x2)	CW	(F5JBR-J)
M89	3378	14-9	1841	Fri	V C4TY (x3) DE NHF5 (x2)	CW	(JPL)
M89	4943	14-9	1842	Fri	V ZJ3T (x3) DE QB4S (x2) //7589	CW	(JPL)
M89	7589	14-9	1842	Fri	V ZJ3T (x3) DE QB4S (x2) //4943	CW	(JPL)
M89	3238	19-9	1904	Wed	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	19-9	1904	Wed	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	19-9	1905	Wed	V C4TY (x3) DE NHF5 (x2)	CW	(JPL)
M89	4620	19-9	1920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840	CW	(JPL)
M89	4860	19-9	1920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620 and 6840	CW	(JPL)
M89	6840	19-9	1920	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620 and 4860	CW	(JPL)
M89	4123	19-9	1924	Wed	i.p. HR F GA K. HR F GA R F NR 7093/EX 0224 RMKS CQ K. F = =	CW	(JPL)
M89	8157	19-9	2222	Wed	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	3556	20-9	0613	Thu	i.p. RWI4 DE XP3W NR 1349/EX 0043 RMKS CQ = I7S3/HOTH AR	CW	(JPL)
M89	6874	20-9	0613	Thu	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	20-9	0613	Thu	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	3812	20-9	2013	Thu	i.p. NU54 NUU4 N7NU N5DA N75U 6DA7 ... AR K	CW	(JPL)

M89	3378	20-9	2030	Thu	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	3238	20-9	2032	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	20-9	2032	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	21-9	1600	Fri	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M89	4870	21-9	1601	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3036	21-9	1602	Fri	i.p. FEN3 FF NR 1343/EX 0003 = R2C1/A5F7 AR	CW	(JPL)
M89	3436	21-9	1607	Fri	i.p. Q0G4/K9M2 AR NR 1339/EX 0006 = Q0K EEEE	CW	(JPL)
M89	3776	21-9	1610	Fri	i.p. /02W8 AR QSY 04 QSY 04 VVV	CW	(JPL)
M89	4268	21-9	1616	Fri	i.p. 373T 36N4 6U66 65T4 D654 45N3 ... AR R RPT 94W = 5D3D 5D3D AR K	CW	(JPL)
M89	3786	21-9	1625	Fri	i.p. FFF NR 1477/EX 0024 = X0P5/Y4O9 AR	CW	(JPL)
M89	3556	21-9	1633	Fri	i.p. IEC = AQWV AR K WK K YK7X YK7X DE M2QX K	CW	(JPL)
M89	6874	21-9	2336	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	21-9	2336	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	4272	22-9	1141	Sat	i.p. VV BNMB DE BGE5 K. R DE RR BY QSA 1 K. R R QSA 2 NIL SK R OK NIL SK PSE	CW	(JPL)
M89	3238	22-9	1156	Sat	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	22-9	1156	Sat	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4608	22-9	1200	Sat	i.p. /EX 2000 = 3G46/F4YH AR K. R 01W 3G4B 3G4B K. R 02W F4YH F4YH K	CW	(JPL)
M89	4272	22-9	1217	Sat	i.p. UA34 756A DTUN 345D NT6A 37U4 ... AR K	CW	(JPL)
M89	3211	22-9	1238	Sat	i.p. GK7O GK7O GK7O DE UPR2 UP2R FFF NR 1459/EX 2038 = RMSK CQ =	CW	(JPL)
M89	3822	22-9	1256	Sat	i.p. GA R 7G 1P = = AT7D UD5A 4ATU ...	CW	(JPL)
M89	6874	22-9	2304	Sat	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	22-9	2304	Sat	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	4860	23-9	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	23-9	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	6874	23-9	1126	Sun	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	23-9	1126	Sun	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	5305	23-9	1128	Sun	V C4TY (x3) DE NHF5 (x2)	CW	(JPL)
M89	7620	23-9	1130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	23-9	1130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	3378	23-9	1956	Sun	V C4TY (x3) DE NHF5 (x2)	CW	(JPL)
M89	3238	23-9	1957	Sun	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	23-9	1957	Sun	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	6874	25-9	1010	Tue	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	25-9	1010	Tue	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	3238	25-9	1826	Tue	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	25-9	1826	Tue	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	25-9	1829	Tue	V C4TY (x3) DE NHF5 (x2)	CW	(JPL)
M89	3238	26-9	1513	Wed	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	26-9	1513	Wed	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3313	26-9	1517	Wed	i.p. QSL 2325 K. R KP HR KP HR R RPT K. VV DJAR (x3) DE A2QX (x2) K	CW	(JPL)

M89	3378	26-9	2219	Wed	V C4TY (x3) DE NHF5 (x2)	CW	(JPL)
M89	4870	26-9	2222	Wed	V M8JF (x3) DE RIS9 (x2) //6874 and 8157	CW	(JPL)
M89	6874	26-9	2222	Wed	V M8JF (x3) DE RIS9 (x2) //4870 and 8157	CW	(JPL)
M89	8157	26-9	2222	Wed	V M8JF (x3) DE RIS9 (x2) //4870 and 6874	CW	(JPL)
M89	3238	27-9	2030	Thu	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	27-9	2030	Thu	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	28-9	1448	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	28-9	1448	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3378	29-9	1648	Sat	V C4TY (x3) DE NHF5 (x2) //4783	CW	(JPL)
M89	4783	29-9	1648	Sat	V C4TY (x3) DE NHF5 (x2) //3378	CW	(JPL)
M89	3238	29-9	1653	Sat	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	3578	29-9	1653	Sat	CQ (x3) DE WNT FF NR 0651/EX 0105 = HJE AR QSL ? K	CW	(JPL)
M89	4870	29-9	1653	Sat	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4870	30-9	0046	Sun	V M8JF (x3) DE RIS9 (x2) //6874 and 8157	CW	(JPL)
M89	6874	30-9	0046	Sun	V M8JF (x3) DE RIS9 (x2) //4870 and 8157	CW	(JPL)
M89	8157	30-9	0046	Sun	V M8JF (x3) DE RIS9 (x2) //4870 and 6874	CW	(JPL)
M89	5305	30-9	0113	Sun	V C4TY (x3) DE NHF5 (x2)	CW	(JPL)
M89	6840	30-9	0120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //10640	CW	(JPL)
M89	10640	30-9	0120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	7620	30-9	0130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	30-9	0130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	6874	30-9	1012	Sun	V M8JF (x3) DE RIS9 (x2) //4870 and 8157	CW	(JPL)
M89	8157	30-9	1012	Sun	V M8JF (x3) DE RIS9 (x2) //4870 and 6874	CW	(JPL)
M89	5305	30-9	1013	Sun	V C4TY (x3) DE NHF5 (x2) //10378	CW	(JPL)
M89	10378	30-9	1013	Sun	V C4TY (x3) DE NHF5 (x2) //5305	CW	(JPL)
M89	7620	30-9	1030	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	30-9	1030	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4860	30-9	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	30-9	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	3378	30-9	1121	Sun	V C4TY (x3) DE NHF5 (x2) //4783	CW	(JPL)
M89	4783	30-9	1121	Sun	V C4TY (x3) DE NHF5 (x2) //3378	CW	(JPL)
M89	4870	30-9	1123	Sun	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	7620	30-9	1130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	30-9	1130	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4860	30-9	1220	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	30-9	1220	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	7620	30-9	1230	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	30-9	1230	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M90	4852	27-9	0722	Thu	PBFG wks outstations (CQXJ, XVSQ, W2TX, SVNX, MXV5, PJP6, SFL7, E5DJ)	CW	(F5JBR)
M95	5801	2-9	0157	Sun	V DKG6 (x3) DE 3A7D (x2) 10180	CW	(JPL)

M95	10180	2-9	0157	Sun	V DKG6 (x3) DE 3A7D (x2) 5801	CW	(JPL)
M95	5801	2-9	0732	Sun	V DKG6 (x3) DE 3A7D (x2) 10180	CW	(JPL)
M95	10180	2-9	0732	Sun	V DKG6 (x3) DE 3A7D (x2) 5801	CW	(JPL)
M95	6666	2-9	0824	Sun	VVV CQ (x2) DE 3SY (x3) MSG 7G HR MSG GA PSE CY = NR 017/CCK CK 99 24 0902 1810 RMKS 7486 TO 7485 4 =	CW	(JPL)
M95	5801	2-9	1249	Sun	V DKG6 (x3) DE 3A7D (x2) 10180	CW	(JPL)
M95	10180	2-9	1249	Sun	V DKG6 (x3) DE 3A7D (x2) 5801	CW	(JPL)
M95	3642	2-9	2210	Sun	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	10180	4-9	0900	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	5801	4-9	1417	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	5801	4-9	1632	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	10180	5-9	0743	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	5801	5-9	1657	Wed	V DKG6 (x3) DE 3A7D (x2) 10180	CW	(JPL)
M95	10180	5-9	1657	Wed	V DKG6 (x3) DE 3A7D (x2) 5801	CW	(JPL)
M95	4243	6-9	1151	Thu	Messages in Chinese. Female operator //9054	CW	(JPL)
M95	4243	6-9	1151	Thu	(i.p. HR MSG GA NR 076 CK 18 35 0906 1618 = UT5 TT6 3U6 3A4 TTA TTU TT3 773 353 N3D ... //9054	CW	(JPL)
M95	9054	6-9	1151	Thu	Messages in Chinese. Female operator //4243	CW	(JPL)
M95	9054	6-9	1151	Thu	(i.p. HR MSG GA NR 076 CK 18 35 0906 1618 = UT5 TT6 3U6 3A4 TTA TTU TT3 773 353 N3D ... //4243	CW	(JPL)
M95	5801	6-9	1218	Thu	V DKG6 (x3) DE 3A7D (x2) 10180	CW	(JPL)
M95	10180	6-9	1218	Thu	V DKG6 (x3) DE 3A7D (x2) 5801	CW	(JPL)
M95	5801	6-9	2117	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	6874	7-9	0739	Fri	V M8JF (x3) DE RIS9 (x2) 8157	CW	(JPL)
M95	8157	7-9	0739	Fri	V M8JF (x3) DE RIS9 (x2) 6874	CW	(JPL)
M95	9856	7-9	0745	Fri	V ZJ3T (x3) DE QB4S (x2) 12058	CW	(JPL)
M95	12058	7-9	0745	Fri	V ZJ3T (x3) DE QB4S (x2) 9856	CW	(JPL)
M95	5305	7-9	0747	Fri	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M95	5348	7-9	0750	Fri	i.p. MSG PSE CY MSG NR NR 262/CCK CK 199 9 MSG NR 262/CCK CK 199 90 0907 1300 RMKS =	CW	(JPL)
M95	5801	7-9	1247	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3238	7-9	1302	Fri	V M8JF (x3) DE RIS9 (x2) 4870	CW	(JPL)
M95	4870	7-9	1302	Fri	V M8JF (x3) DE RIS9 (x2) 3238	CW	(JPL)
M95	5305	7-9	1303	Fri	V C4TY (x3) DE NSF5 (x2)	CW	(JPL)
M95	5834	7-9	1318	Fri	i.p. UAT6 U7TA A4TN 4673 N374 5UA7 AR K	CW	(JPL)
M95	5801	7-9	2306	Fri	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	5801	9-9	1713	Sun	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	9-9	1713	Sun	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	5801	10-9	1210	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	5801	10-9	1540	Mon	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	5457	11-9	0004	Tue	i.p. U375 DUN3 T6A4 A45U 367D ... AR R XLULU AU AU AU AU XAU 50 05 AS ...	CW	(JPL)

M95	5801	11-9	1256	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	4283	11-9	1331	Tue	i.p. 4T7 445 4D6 TT6 773 3AD ... ZNN SK //7553	CW	(JPL)
M95	7553	11-9	1331	Tue	i.p. 4T7 445 4D6 TT6 773 3AD ... ZNN SK //4283	CW	(JPL)
M95	5801	12-9	1546	Wed	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	12-9	1546	Wed	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	5801	12-9	2042	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	10180	13-9	0724	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	7602	13-9	1656	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	14-9	1436	Fri	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	14-9	1436	Fri	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	3642	19-9	1858	Wed	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	19-9	1858	Wed	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	10180	20-9	0609	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	20-9	1640	Thu	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	21-9	1550	Fri	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	5801	21-9	1550	Fri	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	4364	22-9	1137	Sat	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0855 CK 198 35 0922 1543 = TUU 3U6 3AN 3U7 TAU 773 TA7 773 356 4T3 ... //8073	CW	(JPL)
M95	8073	22-9	1137	Sat	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0855 CK 198 35 0922 1543 = TUU 3U6 3AN 3U7 TAU 773 TA7 773 356 4T3 ... //4364	CW	(JPL)
M95	5801	22-9	1147	Sat	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	22-9	1147	Sat	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	7602	22-9	2315	Sat	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	23-9	1137	Sun	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	23-9	1137	Sun	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	3642	23-9	1945	Sun	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	10180	25-9	0918	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	7553	25-9	0927	Tue	i.p. 37U 4T3 447 46D 4D6 ... III 3AN 354 373 4T3 44D 46N (Cont'd) //9153	CW	(JPL)
M95	9153	25-9	0927	Tue	i.p. 37U 4T3 447 46D 4D6 ... III 3AN 354 373 4T3 44D 46N (Cont'd) //7553	CW	(JPL)
M95	5801	25-9	1824	Tue	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	26-9	1511	Wed	V DKG6 (x3) DE 3A7D (x2)	CW	(JPL)
M95	3642	27-9	1648	Thu	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	27-9	1648	Thu	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	3642	28-9	1446	Fri	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	28-9	1446	Fri	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	3642	29-9	1646	Sat	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	29-9	1646	Sat	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	3642	30-9	0044	Sun	V DKG6 (x3) DE 3A7D (x2) //7602	CW	(JPL)
M95	7602	30-9	0044	Sun	V DKG6 (x3) DE 3A7D (x2) //3642	CW	(JPL)
M95	9153	30-9	0059	Sun	i.p. 63N 636 5A4 3N4 ... ZNN SK	CW	(JPL)

M95	5801	30-9	1010	Sun	V DKG6 (x3) DE 3A7D (x2) //10180	CW	(JPL)
M95	10180	30-9	1010	Sun	V DKG6 (x3) DE 3A7D (x2) //5801	CW	(JPL)
M95	4364	30-9	1140	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0871 CK 29. 35 0930 1536 = = 3U6 3AT 3U7 TAU 773 ... //8073	CW	(JPL)
M95	8073	30-9	1140	Sun	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0871 CK 29. 35 0930 1536 = = 3U6 3AT 3U7 TAU 773 ... //4364	CW	(JPL)
M95	4243	30-9	1150	Sun	VV HR 7G TO YR PSE CY NR (Garbled) = 5AA UTT T3T 3U6 3A4 TTU TT3 773 353 (Cont'd)	CW	(JPL)
P03a	13873	1-9	1140	Sat	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	13873	1-9	1145	Sat	Polish Intel.	BPSK-63	(AB/MPJ)
P03a	10728	1-9	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10728	1-9	1240	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	1-9	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	1-9	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	2-9	1410	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	2-9	1415	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13575	2-9	1440	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13575	2-9	1445	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	3-9	1410	Mon	Polish Intel.	BPSK-63	(AB)
P03a	13873	3-9	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	3-9	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	3-9	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	13873	4-9	1140	Tue	Polish Intel.	BPSK-63	(AB)
P03a	13873	4-9	1145	Tue	Polish Intel.	BPSK-63	(AB)
P03a	15800	4-9	1415	Tue	Polish Intel.	BPSK-63	(AB)
P03a	15800	4-9	1420	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5946	4-9	1725	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5946	4-9	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	10728	5-9	1225	Wed	Polish Intel.	BPSK-63	(AB)
P03a	10728	5-9	1230	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	5-9	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	5-9	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13873	5-9	1500	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13873	5-9	1505	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14865	5-9	1600	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14865	5-9	1605	Wed	Polish Intel.	BPSK-63	(AB)
P03a	9902	10-9	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	10-9	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	15800	11-9	1415	Tue	Polish Intel.	BPSK-63	(AB)
P03a	15800	11-9	1420	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5946	11-9	1725	Tue	Polish Intel.	BPSK-63	(AB)

P03a	5946	11-9	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5779	12-9	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	12-9	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13873	12-9	1500	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13873	12-9	1505	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14865	12-9	1600	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14865	12-9	1605	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13575	14-9	1440	Fri	Polish Intel.	BPSK-63	(AB)
P03a	13575	14-9	1445	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	14-9	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	14-9	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	14-9	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	14-9	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	5779	15-9	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	15-9	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	15-9	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	15-9	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	16-9	1410	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	16-9	1415	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13575	16-9	1440	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13575	16-9	1445	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	16-9	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	16-9	1730	Sun	Polish Intel.	BPSK-63	(AB)
P03a	9902	17-9	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	17-9	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	15800	18-9	1415	Tue	Polish Intel.	BPSK-63	(AB)
P03a	15800	18-9	1420	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5946	18-9	1725	Tue	Polish Intel.	BPSK-63	(AB)
P03a	5946	18-9	1730	Tue	Polish Intel.	BPSK-63	(AB)
P03a	10728	19-9	1225	Wed	Polish Intel.	BPSK-63	(AB)
P03a	10728	19-9	1230	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	19-9	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	19-9	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13873	19-9	1500	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13873	19-9	1505	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14865	19-9	1600	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14865	19-9	1605	Wed	Polish Intel.	BPSK-63	(AB)
P03a	15800	20-9	1415	Thu	Polish Intel.	BPSK-63	(AB)
P03a	15800	20-9	1420	Thu	Polish Intel.	BPSK-63	(AB)
P03a	13575	21-9	1440	Fri	Polish Intel.	BPSK-63	(AB)

P03a	13575	21-9	1445	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	21-9	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	21-9	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	21-9	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	21-9	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	13873	22-9	1140	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	22-9	1145	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10728	22-9	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10728	22-9	1230	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	22-9	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	22-9	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	22-9	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	22-9	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	14865	22-9	1600	Sat	Polish Intel.	BPSK-63	(AB)
P03a	14865	22-9	1605	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	23-9	1410	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	23-9	1415	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13575	23-9	1440	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13575	23-9	1445	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	23-9	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	23-9	1730	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	24-9	1410	Mon	Polish Intel.	BPSK-63	(AB)
P03a	13873	24-9	1415	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	24-9	1635	Mon	Polish Intel.	BPSK-63	(AB)
P03a	9902	24-9	1640	Mon	Polish Intel.	BPSK-63	(AB)
P03a	13873	25-9	1140	Tue	Polish Intel.	BPSK-63	(AB)
P03a	13873	25-9	1145	Tue	Polish Intel.	BPSK-63	(AB)
P03a	15800	25-9	1415	Tue	Polish Intel.	BPSK-63	(AB)
P03a	15800	25-9	1420	Tue	Polish Intel.	BPSK-63	(AB)
P03a	10728	26-9	1225	Wed	Polish Intel.	BPSK-63	(AB)
P03a	10728	26-9	1230	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	26-9	1435	Wed	Polish Intel.	BPSK-63	(AB)
P03a	5779	26-9	1440	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13873	26-9	1500	Wed	Polish Intel.	BPSK-63	(AB)
P03a	13873	26-9	1505	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14865	26-9	1600	Wed	Polish Intel.	BPSK-63	(AB)
P03a	14865	26-9	1605	Wed	Polish Intel.	BPSK-63	(AB)
P03a	15800	27-9	1415	Thu	Polish Intel.	BPSK-63	(AB)
P03a	15800	27-9	1420	Thu	Polish Intel.	BPSK-63	(AB)
P03a	13575	28-9	1440	Fri	Polish Intel.	BPSK-63	(AB)

P03a	13575	28-9	1445	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	28-9	1500	Fri	Polish Intel.	BPSK-63	(AB)
P03a	10302	28-9	1505	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	28-9	1635	Fri	Polish Intel.	BPSK-63	(AB)
P03a	9902	28-9	1640	Fri	Polish Intel.	BPSK-63	(AB)
P03a	13873	29-9	1140	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	29-9	1145	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10728	29-9	1225	Sat	Polish Intel.	BPSK-63	(AB)
P03a	10728	29-9	1230	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	29-9	1435	Sat	Polish Intel.	BPSK-63	(AB)
P03a	5779	29-9	1440	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	29-9	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	29-9	1500	Sat	Polish Intel.	BPSK-63	(AB)
P03a	13873	30-9	1410	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13873	30-9	1415	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13575	30-9	1440	Sun	Polish Intel.	BPSK-63	(AB)
P03a	13575	30-9	1445	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	30-9	1725	Sun	Polish Intel.	BPSK-63	(AB)
P03a	5946	30-9	1730	Sun	Polish Intel.	BPSK-63	(AB)
P03b	11107	2-9	1120	Sun	Polish Intel.	QPSK-63	(MPJ)
P03b	11107	2-9	1125	Sun	Polish Intel.	QPSK-63	(MPJ)
P03b	10302	2-9	1500	Sun	Polish Intel.	QPSK-63	(AB)
P03b	10302	2-9	1505	Sun	Polish Intel.	QPSK-63	(AB)
P03b	11107	5-9	1120	Wed	Polish Intel.	QPSK-63	(MPJ)
P03b	11107	5-9	1125	Wed	Polish Intel.	QPSK-63	(MPJ)
P03b	4505	5-9	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	5-9	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	9960	8-9	0610	Sat	Polish Intel.	QPSK-63	(AB)
P03b	9960	8-9	0615	Sat	Polish Intel.	QPSK-63	(AB)
P03b	4505	12-9	2035	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	12-9	2040	Wed	Polish Intel.	QPSK-63	(AB)
P03b	4505	14-9	2035	Fri	Polish Intel.	QPSK-63	(AB)
P03b	9960	15-9	0610	Sat	Polish Intel.	QPSK-63	(AB)
P03b	9960	15-9	0615	Sat	Polish Intel.	QPSK-63	(AB)
P03b	9960	16-9	0610	Sun	Polish Intel.	QPSK-63	(AB)
P03b	9960	16-9	0615	Sun	Polish Intel.	QPSK-63	(AB)
P03b	10302	16-9	1500	Sun	Polish Intel.	QPSK-63	(AB)
P03b	10302	16-9	1505	Sun	Polish Intel.	QPSK-63	(AB)
P03b	11107	19-9	1120	Wed	Polish Intel.	QPSK-63	(AB)
P03b	11107	19-9	1125	Wed	Polish Intel.	QPSK-63	(AB)

P03b	4505	19-9	2035	Wed	Polish Intel.		QPSK-63	(AB)
P03b	4505	19-9	2040	Wed	Polish Intel.		QPSK-63	(AB)
P03b	4505	21-9	2035	Fri	Polish Intel.		QPSK-63	(AB)
P03b	4505	21-9	2040	Fri	Polish Intel.		QPSK-63	(AB)
P03b	9960	22-9	0610	Sat	Polish Intel.		QPSK-63	(AB)
P03b	9960	22-9	0615	Sat	Polish Intel.		QPSK-63	(AB)
P03b	9960	23-9	0610	Sun	Polish Intel.		QPSK-63	(AB)
P03b	9960	23-9	0615	Sun	Polish Intel.		QPSK-63	(AB)
P03b	11107	23-9	1120	Sun	Polish Intel.		QPSK-63	(AB)
P03b	11107	23-9	1125	Sun	Polish Intel.		QPSK-63	(AB)
P03b	10302	23-9	1500	Sun	Polish Intel.		QPSK-63	(AB)
P03b	10302	23-9	1505	Sun	Polish Intel.		QPSK-63	(AB)
P03b	4505	26-9	2035	Wed	Polish Intel.		QPSK-63	(AB)
P03b	4505	26-9	2040	Wed	Polish Intel.		QPSK-63	(AB)
P03b	9960	29-9	0610	Sat	Polish Intel.		QPSK-63	(AB)
P03b	9960	29-9	0615	Sat	Polish Intel.		QPSK-63	(AB)
P03b	9960	30-9	0610	Sun	Polish Intel.		QPSK-63	(AB)
P03b	9960	30-9	0615	Sun	Polish Intel.		QPSK-63	(AB)
P03b	11107	30-9	1120	Sun	Polish Intel.		QPSK-63	(AB)
P03b	11107	30-9	1125	Sun	Polish Intel.		QPSK-63	(AB)
P03b	10302	30-9	1500	Sun	Polish Intel.		QPSK-63	(AB)
P03b	10302	30-9	1505	Sun	Polish Intel.		QPSK-63	(AB)
Q26	4364	30-9	1132	Sun	Messages //8073		4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	30-9	1132	Sun	Messages //4364		4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	30-9	1147	Sun	Messages		4+4 QPSK 75/3000 LSB	(JPL)
RAv	6510	10-9	1410	Mon	Arkan-97 clg Firma-81		USB	(RP-MD)
RAv	6510	10-9	1415	Mon	Devi-77 clg Plazma-21		USB	(RP-MD)
RMv	8055	7-9	0842	Fri	SPIL-14 clg BARJUR-27 AGAT87 GOUDRON-06 KNIGA-68 YENOT-53 KUNIR-98 TOR-33 NALSAT-29		USB	(F5JBR)
S06	4491	1-9	1900	Sat	263 263 263 00000		USB	(AB/MPJ/HFD)
S06	3815	1-9	2000	Sat	263 263 263 00000		USB	(AB/HFD)
S06	11643	4-9	1515	Tue	409 561 48 50102 66729 73975 ... 90458 54144 94518 561 48 00000		USB	(Avare/Priyom)
S06	9097	4-9	1615	Tue	409 561 48 50102 66729 73975 ... 90458 54144 94518 561 48 00000		USB	(Avare/Priyom)
S06	8056	4-9	2130	Tue	726 859 40 83744 10470 93321 ... 78541 78413 14089 859 40 00000		USB	(Avare/CM2-HOL/Priyom)
S06	5846	4-9	2230	Tue	726 859 40 83744 10470 93321 ... 78541 78413 14089 859 40 00000		USB	(Priyom)
S06	15721	5-9	0400	Wed	480 571 60 29059		USB	(HFD)
S06	9082	5-9	0830	Wed	464 901 5 40614		USB	(HFD)
S06	9952	5-9	0840	Wed	464		USB	(HFD)
S06	11643	5-9	1515	Wed	409 561 48 50102 66729 73975 ... 90458 54144 94518 561 48 00000		USB	(Priyom)

S06	9097	5-9	1615	Wed	409 561 48 50102 66729 73975 ... 90458 54144 94518 561 48 00000	USB	(Priyom)
S06	8056	5-9	2130	Wed	726 859 40 83744 10470 93321 ... 78541 78413 14089 859 40 00000	USB	(AB/Priyom)
S06	5846	5-9	2230	Wed	726 859 40 83744 10470 93321 ... 78541 78413 14089 859 40 00000	USB	(AB/Priyom)
S06	19035	6-9	0830	Thu	842 730 188 47975	USB	(HFD-RUS)
S06	15645	6-9	0930	Thu	842	USB	(HFD-RUS)
S06	9047	7-9	1900	Fri	483 483 483 00000	USB	(AB/MPJ/HFD)
S06	6769	7-9	2000	Fri	483 483 483 00000	USB	(AB/HFD)
S06	4491	15-9	1900	Sat	263 263 263 00000	USB	(AB)
S06	3815	15-9	2000	Sat	263 263 263 00000	USB	(AB)
S06	15721	21-9	0400	Fri	480 679 55 46636 59311 46261 ... 33732 39697 39415 679 55 00000	USB	(AB-J)
S06	9047	21-9	1900	Fri	483 483 483 00000	USB	(AB/MPJ)
S06	6769	21-9	2000	Fri	483 483 483 00000	USB	(AB)
S06s	10350	1-9	0801	Sat	254 890 6 36583 42069 30913 32098 31335 36683 890 6 00000 Late start	USB	(AB/W9SPY/HFD)
S06s	8520	1-9	0810	Sat	254 890 6 36583 42069 30913 32098 31335 36683 890 6 00000	USB	(AB/HFD)
S06s	22185	3-9	0630	Mon	524 980 6 12444 38625 89531 52814 95931 89638 980 6 00000	USB	(AB-UKR)
S06s	20050	3-9	0640	Mon	524 980 6 12444 38625 89531 52814 95931 89638 980 6 00000	USB	(AB-UKR)
S06s	9220	3-9	0830	Mon	371 960 5 43785 67625 55500 61642 91505 960 5 00000	USB	(AB/HFD)
S06s	8270	3-9	0840	Mon	371 960 5 43785 67625 55500 61642 91505 960 5 00000	USB	(AB/HFD)
S06s	14580	3-9	0900	Mon	872 930 5 07931 98755 84536 45752 64655 930 5 00000	USB	(AB/HFD)
S06s	13165	3-9	0910	Mon	872 930 5 07931 98755 84536 45752 64655 930 5 00000	USB	(AB/HFD)
S06s	9145	3-9	1200	Mon	831 970 5 27569 05518 71527 45251 05317 970 5 00000	USB	(AB/HFD)
S06s	11460	3-9	1210	Mon	831 970 5 27569 05518 71527 45251 05317 970 5 00000	USB	(AB/HFD)
S06s	15855	4-9	0600	Tue	438 570 6 45321 89675 46537 09674 13217 45421 570 6 00000	USB	(AB-G/HFD-GRC)
S06s	16485	4-9	0610	Tue	438 570 6 45321 89675 46537 09674 13217 45421 570 6 00000	USB	(AB-AUT/HFD-GRC)
S06s	5760	4-9	0700	Tue	374 915 6 31670 75956 24042 36717 82045 88554 915 6 00000	USB	(AB-POL/HFD)
S06s	6930	4-9	0715	Tue	374 915 6 31670 75956 24042 36717 82045 88554 915 6 00000	USB	(AB-POL/HFD)
S06s	7425	4-9	0730	Tue	427 813 5 51402 63919 92699 14600 74248 813 5 00000	USB	(AB/HFD)
S06s	11560	4-9	0740	Tue	427 813 5 51402 63919 92699 14600 74248 813 5 00000	USB	(AB/HFD)
S06s	11635	4-9	0800	Tue	352 478 6 14991 96813 56069 25616 53516 79302 478 6 00000	USB	(AB/HFD)
S06s	10420	4-9	0810	Tue	352 478 6 14991 96813 56069 25616 53516 79302 478 6 00000	USB	(AB/HFD)
S06s	6410	4-9	1000	Tue	893 512 6 21852 52475 77537 26562 54250 48929 512 6 00000	USB	(AB-POL/HFD)
S06s	7340	4-9	1010	Tue	893 512 6 21852 52475 77537 26562 54250 48929 512 6 00000	USB	(AB/MPJ-HOL/HFD)
S06s	6190	4-9	1100	Tue	754 810 6 43613 47545 24535 49598 08142 43314 810 6 00000	USB	(AB-POL/MPJ-AUT/HFD)
S06s	7230	4-9	1110	Tue	754 810 6 43613 47545 24535 49598 08142 43314 810 6 00000	USB	(AB/MPJ-AUT/HFD)
S06s	6464	4-9	1500	Tue	537 429 6 84523 60543 61462 84040 39493 91458 429 6 00000	USB	(AB-AUT/MPJ-RUS/HFD)
S06s	7242	4-9	1510	Tue	537 429 6 84523 60543 61462 84040 39493 91458 429 6 00000	USB	(AB-AUT/MPJ-RUS/HFD)
S06s	11530	5-9	0730	Wed	745 821 6 22536 88280 84116 53718 78927 34694 821 6 00000	USB	(AB/HFD)

S06s	12140	5-9	0740	Wed	745 821 6 22536 88280 84116 53718 78927 34694 821 6 00000	USB	(AB/HFD)
S06s	8630	5-9	0820	Wed	471 890 5 65906 66610 20336 17301 88554 890 5 00000	USB	(AB/ES/HFD)
S06s	9082	5-9	0830	Wed	464 901 5 40614 77249 70678 17976 21816 901 5 0000	USB	(AB)
S06s	9255	5-9	0830	Wed	471 890 5 65906 66610 20336 17301 88554 890 5 00000	USB	(AB/ES/HFD)
S06s	9952	5-9	0840	Wed	464 901 5 40614 77249 70678 17976 21816 901 5 0000	USB	(AB)
S06s	13365	5-9	1000	Wed	729 813 5 01405 15003 24357 60583 54545 813 5 00000	USB	(AB)
S06s	14505	5-9	1010	Wed	729 813 5 01405 15003 24357 60583 54545 813 5 00000	USB	(AB/HFD)
S06s	9081	6-9	0930	Thu	317 287 5 48754 65125 41890 84648 34694 287 5 00000	USB	(AB/HFD)
S06s	10514	6-9	0940	Thu	317 287 5 48754 65125 41890 84648 34694 287 5 00000	USB	(AB/HFD)
S06s	12415	6-9	1200	Thu	425 973 6 65906 66610 20336 17301 88554 82045 973 6 00000	USB	(AB/MPJ/HFD)
S06s	14212	6-9	1210	Thu	425 973 6 65906 66610 20336 17301 88554 82045 973 6 00000	USB	(AB/MPJ/HFD)
S06s	5744	7-9	0900	Fri	624 983 5 46062	USB	(HFD)
S06s	6524	7-9	0910	Fri	624	USB	(HFD)
S06s	12140	7-9	0930	Fri	516 439 7 33796	USB	(HFD)
S06s	13515	7-9	0940	Fri	516	USB	(HFD)
S06s	22185	10-9	0630	Mon	524 980 6 12444 38625 89531 52814 95931 89638 980 6 00000	USB	(AB-UKR)
S06s	20050	10-9	0640	Mon	524 980 6 12444 38625 89531 52814 95931 89638 980 6 00000	USB	(AB-UKR)
S06s	9145	10-9	1200	Mon	831 970 5 27569 05518 71527 45251 05317 970 5 00000	USB	(MPJ)
S06s	11460	10-9	1210	Mon	831 970 5 27569 05518 71527 45251 05317 970 5 00000	USB	(MPJ)
S06s	5760	11-9	0700	Tue	374 915 6 31670 75956 24042 36717 82045 88554 915 6 00000	USB	(AB)
S06s	6930	11-9	0715	Tue	374 915 6 31670 75956 24042 36717 82045 88554 915 6 00000	USB	(AB)
S06s	7425	11-9	0730	Tue	427 813 5 51402 63919 92699 14600 74248 813 5 00000	USB	(AB)
S06s	11560	11-9	0740	Tue	427 813 5 51402 63919 92699 14600 74248 813 5 00000	USB	(AB)
S06s	6190	11-9	1100	Tue	754 810 6 43613 46545 24535 49598 08142 43314 810 6 00000	USB	(MPJ-AUT)
S06s	7230	11-9	1110	Tue	754 810 6 43613 46545 24535 49598 08142 43314 810 6 00000	USB	(MPJ-AUT)
S06s	6464	11-9	1500	Tue	537 429 6 84523 60543 61462 84040 39493 91458 429 6 00000	USB	(AB-AUT/MPJ)
S06s	7242	11-9	1510	Tue	537 429 6 84523 60543 61462 84040 39493 91458 429 6 00000	USB	(AB-AUT/MPJ)
S06s	11530	12-9	0730	Wed	745 821 6 22536 88280 84116 53718 78927 34694 821 6 00000	USB	(AB)
S06s	12140	12-9	0740	Wed	745 821 6 22536 88280 84116 53718 78927 34694 821 6 00000	USB	(AB)
S06s	22185	17-9	0630	Mon	524 971 6 62314 82903 25134 73418 93415 73420 971 6 00000	USB	(AB-UKR)
S06s	20050	17-9	0640	Mon	524 971 6 62314 82903 25134 73418 93415 73420 971 6 00000	USB	(AB-UKR)
S06s	9220	17-9	0830	Mon	371 980 5 82319 63407 72319 7400963442 980 5 00000	USB	(AB)
S06s	8270	17-9	0840	Mon	371 980 5 82319 63407 72319 7400963442 980 5 00000	USB	(AB)
S06s	14580	17-9	0900	Mon	872 904 5 90563 82417 63840 74529 72312 904 5 00000	USB	(AB)
S06s	13165	17-9	0910	Mon	872 904 5 90563 82417 63840 74529 72312 904 5 00000	USB	(AB)
S06s	9145	17-9	1200	Mon	831 902 5 53025 42908 42317 54834 83520 902 5 00000	USB	(AB-AUT)
S06s	11460	17-9	1210	Mon	831 902 5 53025 42908 42317 54834 83520 902 5 00000	USB	(AB)
S06s	15855	18-9	0600	Tue	438 906 5 64903 52619 04530 74538 92310 906 5 00000	USB	(AB-AUT)
S06s	16485	18-9	0610	Tue	438 906 5 64903 52619 04530 74538 92310 906 5 00000	USB	(AB-AUT)
S06s	5760	18-9	0700	Tue	374 251 6 39493 91458 83723 92688 45952 21431 251 6 00000	USB	(AB-POL)

S06s	6930	18-9	0715	Tue	374 251 6 39493 91458 83723 92688 45952 21431 251 6 00000	USB	(AB-POL)
S06s	7425	18-9	0730	Tue	427 860 5 87655 45855 07443 51240 62434 860 5 00000	USB	(AB)
S06s	11560	18-9	0740	Tue	427 860 5 87655 45855 07443 51240 62434 860 5 00000	USB	(AB)
S06s	11635	18-9	0800	Tue	352 410 6 82152 91028 60152 23887 83723 51794 410 6 00000	USB	(AB)
S06s	10420	18-9	0810	Tue	352 410 6 82152 91028 60152 23887 83723 51794 410 6 00000	USB	(AB)
S06s	6410	18-9	1000	Tue	893 206 5 21852 52475 77537 26562 64250 206 5 00000	USB	(AB-POL/MPJ-HOL)
S06s	7340	18-9	1010	Tue	893 206 5 21852 52475 77537 26562 64250 206 5 00000	USB	(AB/MPJ-HOL)
S06s	6190	18-9	1100	Tue	754 812 6 33796 13577 74526 46647 79302 53516 812 6 00000	USB	(AB-AUT/MPJ-HOL)
S06s	7230	18-9	1110	Tue	754 812 6 33796 13577 74526 46647 79302 53516 812 6 00000	USB	(AB-AUT/MPJ-HOL)
S06s	6464	18-9	1500	Tue	537 891 6 16945 80744 86200 84706 42227 61736 891 6 00000	USB	(AB-AUT/MPJ-AUT)
S06s	7242	18-9	1510	Tue	537 891 6 16945 80744 86200 84706 42227 61736 891 6 00000	USB	(AB-AUT/MPJ-AUT)
S06s	11530	19-9	0730	Wed	745 809 6 46062 68672 97478 39685 30485 96632 809 6 00000	USB	(AB)
S06s	12140	19-9	0740	Wed	745 809 6 46062 68672 97478 39685 30485 96632 809 6 00000	USB	(AB)
S06s	8630	19-9	0820	Wed	471 203 5 52401 63919 92699 14600 74248 203 5 00000	USB	(AB)
S06s	9082	19-9	0830	Wed	464 981 5 56431 89745 67534 23154 78564 981 5 00000	USB	(AB)
S06s	9255	19-9	0830	Wed	471 203 5 52401 63919 92699 14600 74248 203 5 00000	USB	(AB)
S06s	9952	19-9	0840	Wed	464 981 5 56431 89745 67534 23154 78564 981 5 00000	USB	(AB)
S06s	13365	19-9	1000	Wed	729 843 5 45312 89645 34231 97845 13206 843 5 00000	USB	(AB/MPJ)
S06s	14505	19-9	1010	Wed	729 843 5 45312 89645 34231 97845 13206 843 5 00000	USB	(AB/MPJ)
S06s	9081	20-9	0930	Thu	317 278 5 35861 33423 89319 32494 37142 278 5 00000	USB	(AB)
S06s	10514	20-9	0940	Thu	317 278 5 35861 33423 89319 32494 37142 278 5 00000	USB	(AB)
S06s	12415	20-9	1200	Thu	425 937 6 83964 40774 45983 48882 31151 32860 937 6 00000	USB	(AB/MPJ)
S06s	14212	20-9	1210	Thu	425 937 6 83964 40774 45983 48882 31151 32860 937 6 00000	USB	(AB/MPJ)
S06s	5744	21-9	0900	Fri	624 938 5 32842 30003 98328 33055 31123 938 5 00000	USB	(AB-POL)
S06s	6524	21-9	0910	Fri	624 938 5 32842 30003 98328 33055 31123 938 5 00000	USB	(AB)
S06s	12140	21-9	0930	Fri	516 904 7 33362 32079 40063 40372 36343 33365 40936 904 7 00000	USB	(AB)
S06s	13515	21-9	0940	Fri	516 904 7 33362 32079 40063 40372 36343 33365 40936 904 7 00000	USB	(AB)
S06s	9145	24-9	1200	Mon	831 902 5 53025 42908 42317 54834 83520 902 5 00000	USB	(MPJ)
S06s	11460	24-9	1210	Mon	831 902 5 53025 42908 42317 54834 83520 902 5 00000	USB	(MPJ)
S06s	11635	25-9	0800	Tue	352 410 6 82152 91028 60152 23887 83723 51794 410 6 00000	USB	(AB)
S06s	10420	25-9	0810	Tue	352 410 6 82152 91028 60152 23887 83723 51794 410 6 00000	USB	(AB)
S06s	6410	25-9	1000	Tue	893 206 5 21852 52475 77537 26562 54250 206 6 00000	USB	(AB-POL/MPJ)
S06s	7340	25-9	1010	Tue	893 206 5 21852 52475 77537 26562 54250 206 6 00000	USB	(AB/MPJ)
S06s	6190	25-9	1100	Tue	754 812 6 33796 13577 74526 46647 79302 53516 812 6 00000	USB	(AB-POL/MPJ)
S06s	7230	25-9	1110	Tue	754 812 6 33796 13577 74526 46647 79302 53516 812 6 00000	USB	(AB/MPJ)
S06s	6464	25-9	1500	Tue	537 891 6 16945 80744 86200 84706 42227 61736 891 6 00000	USB	(AB/MPJ)
S06s	7242	25-9	1510	Tue	537 891 6 16945 80744 86200 84706 42227 61736 891 6 00000	USB	(AB/MPJ)
S06s	11530	26-9	0730	Wed	745 809 6 46062 68672 97478 39685 30485 96632 809 6 00000	USB	(AB)
S06s	12140	26-9	0740	Wed	745 809 6 46062 68672 97478 39685 30485 96632 809 6 00000	USB	(AB)
S06s	8630	26-9	0820	Wed	471 203 5 52401 63919 92699 14600 74248 203 5 00000	USB	(AB)

S06s	9082	26-9	0830	Wed	464 981 5 56431 89745 67534 23154 78564 981 5 00000	USB	(AB)
S06s	9255	26-9	0830	Wed	471 203 5 52401 63919 92699 14600 74248 203 5 00000	USB	(AB)
S06s	9952	26-9	0840	Wed	464 981 5 56431 89745 67534 23154 78564 981 5 00000	USB	(AB)
S06s	13365	26-9	1000	Wed	729 843 5 45312 89645 34231 97845 13206 843 5 00000	USB	(AB)
S06s	14505	26-9	1010	Wed	729 843 5 45312 89645 34231 97845 13206 843 5 00000	USB	(AB)
S06s	9081	27-9	0930	Thu	317 278 5 35861 33423 89319 32494 37142 278 5 00000	USB	(AB)
S06s	10514	27-9	0940	Thu	317 278 5 35861 33423 89319 32494 37142 278 5 00000	USB	(AB)
S06s	12415	27-9	1200	Thu	425 937 6 83964 40774 45983 48882 31151 32860 937 6 00000	USB	(MPJ)
S06s	14212	27-9	1210	Thu	425 937 6 83964 40774 45983 48882 31151 32860 937 6 00000	USB	(MPJ)
S06s	5744	28-9	0900	Fri	624 938 5 32842 30003 98328 33055 31123 938 5 00000	USB	(AB)
S06s	6524	28-9	0910	Fri	624 938 5 32842 30003 98328 33055 31123 938 5 00000	USB	(AB)
S06s	12140	28-9	0930	Fri	516 904 7 33362 32079 40063 40372 36343 33365 40936 904 7 00000	USB	(AB)
S06s	13515	28-9	0940	Fri	516 904 7 33362 32079 40063 40372 36343 33365 40936 904 7 00000	USB	(AB)
S11a	10800	1-9	1540	Sat	561/00	USB	(MPJ/HFD)
S11a	11493	3-9	1015	Mon	477/37 Vnimanaye 97697 74184 42255 ... 89500 44864 12707 Vnimanaye (message repeated) Konets	USB	(AB/HFD)
S11a	5358	4-9	0455	Tue	320/00	USB	(AB)
S11a	9668	5-9	1110	Wed	121/30 Vnimanaye 43717 90807 61461 ... 76416 76463 66643 Vnimanaye (message repeated) Konets	USB	(Avare/qsr711)
S11a	10800	5-9	1540	Wed	560/39 70464 24407 02378 ... 52871 69726 12484 (message repeated) Konets. No "Vnimanaye"	USB	(AB/MPJ)
S11a	10213	5-9	1850	Wed	284/31 95652 09941 51009 ... 66182 21872 99605 (message repeated) Konets	USB	(AB/HFD)
S11a	4016	5-9	1955	Wed	378/00	USB	(AB/HFD)
S11a	11493	6-9	1015	Thu	477/37 Vnimanaye 97697 74184 42255 ... 89500 44864 12707 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	9668	6-9	1056	Thu	i.p. 87723 24116 16358 35312 08425 93502 22777 13682 26832 Konets	USB	(Avare)
S11a	7469	7-9	1020	Fri	428/00	USB	(HFD)
S11a	4016	7-9	1955	Fri	370/00	USB	(AB)
S11a	10800	8-9	1540	Sat	560/39 70464 24407 02378 ... 52871 69726 12484. Rpts message Konets	USB	(MPJ)
S11a	10213	8-9	1850	Sat	284/31 95652 09941 51009 ... 66182 21872 99605 (message repeated) Konets. No "Vnimanaye"	USB	(AB/MPJ)
S11a	7469	11-9	1020	Tue	427/37 Vnimanaye 91746 51558 55615 ... 66393 61406 37499 Vnimanaye (message repeated) Konets	USB	(MPJ)
S11a	10800	12-9	1540	Wed	563/00	USB	(AB/MPJ/GHn)
S11a	10213	12-9	1850	Wed	284/00	USB	(AB/MPJ)
S11a	4016	12-9	1955	Wed	379/00	USB	(AB)
S11a	10800	15-9	1540	Sat	565/00	USB	(AB)
S11a	11493	17-9	1015	Mon	476/00	USB	(AB)
S11a	5358	18-9	0455	Tue	327/38 35849 40786 67999 ... 13032 24440 46572 (message repeated) Konets. No "Vnimanaye"	USB	(AB/HFD)
S11a	7469	18-9	1020	Tue	424/00	USB	(AB/MPJ)
S11a	4505	19-9	0700	Wed	484/00	USB	(AB)
S11a	10800	19-9	1540	Wed	567/00	USB	(AB/MPJ)

S11a	10213	19-9	1850	Wed	280/00		USB	(AB/MPJ)
S11a	4016	19-9	1955	Wed	370/34 Vnimanaye 32769 61919 76569 ... 57263 59802 16240 Vnimanaye (message repeated)	Konets	USB	(AB)
S11a	11493	20-9	1015	Thu	478/00		USB	(AB)
S11a	5358	21-9	0455	Fri	327/38 35849 40786 67999 ... 13032 24440 46572 (message repeated)	Konets. No "Vnimanaye"	USB	(AB)
S11a	7469	21-9	1020	Fri	424/00		USB	(AB)
S11a	4016	21-9	1955	Fri	370/34 Vnimanaye 32769 61919 76569 ... 57263 59802 16240 Vnimanaye (message repeated)	Konets	USB	(AB)
S11a	10800	22-9	1540	Sat	569/00		USB	(AB/MPJ)
S11a	10213	22-9	1850	Sat	284/00		USB	(AB/MPJ)
S11a	11493	24-9	1015	Mon	479/00		USB	(AB)
S11a	7469	25-9	1020	Tue	420/00		USB	(AB/MPJ)
S11a	4505	26-9	0700	Wed	480/00		USB	(AB)
S11a	10800	26-9	1540	Wed	569/00		USB	(AB/MPJ)
S11a	10213	26-9	1850	Wed	288/00		USB	(AB)
S11a	4016	26-9	1955	Wed	378/00		USB	(AB)
S11a	11493	27-9	1015	Thu	476/00		USB	(AB)
S11a	5358	28-9	0455	Fri	321/00		USB	(AB)
S11a	7469	28-9	1020	Fri	421/00		USB	(AB)
S11a	4016	28-9	1955	Fri	377/00		USB	(AB)
S11a	10800	29-9	1540	Sat	560/00		USB	(AB/MPJ)
S11a	10213	29-9	1850	Sat	287/00		USB	(AB/MPJ)
S28	4625	1-9	1947	Sat	Buzzer channel marker		USB	(AB)
S28	4483	20-9	1245	Thu	Buzzer on a spurious freq with a test count		USB	(EW)
S30	3756	1-9	1947	Sat	Pip channel marker		USB	(AB)
S32	3828	1-9	1946	Sat	Squeaky Wheel channel marker		USB	(AB)
S4524	4524	3-9	1803	Mon	Channel marker (dash)		USB	(AB)
UM10	3629	6-9	1454	Thu	10-minutes net: SDXL //4116 kHz		CW	(JPL-J)
UM10	4116	6-9	1454	Thu	10-minutes net: SDXL //3629 kHz		CW	(JPL-J)
UM10	3542	6-9	1455	Thu	10-minutes net: HDNA		CW	(JPL-J)
UM10	4116	7-9	1329	Fri	10-minutes net: HDNA		CW	(JPL-J)
UM10	3629	8-9	1650	Sat	10-minutes: SDXL		CW	(F5JBR)
UM10	3542	8-9	1720	Sat	10-minutes: HDNA //4116 kHz		CW	(F5JBR)
UM10	4116	8-9	1720	Sat	10-minutes: HDNA //3542 kHz		CW	(F5JBR)
UM10	3257	9-9	1725	Sun	10-minutes net: SDXL //3629 kHz		CW	(JPL-J)
UM10	3629	9-9	1725	Sun	10-minutes net: SDXL //3527 kHz		CW	(JPL-J)
UM10	3542	9-9	1727	Sun	10-minutes net: HDNA		CW	(JPL-J)
UM10	3629	10-9	1559	Mon	10-minutes net: SDXL		CW	(JPL-KOR)
UM10	4116	10-9	2053	Mon	10-minutes net: HDNA		CW	(JPL-KOR)
UM10	6790	11-9	0720	Tue	10-minutes net: JATD //7335 kHz		CW	(F5JBR-J)

UM10	7335	11-9	0720	Tue	10-minutes net: JATD //6790 kHz	CW	(F5JBR-J)
UM10	6780	11-9	0721	Tue	10-minutes net: QUXF	CW	(F5JBR-J)
UM10	3542	11-9	1453	Tue	10-minutes net: HDNA //4116 kHz	CW	(F5JBR-J)
UM10	4116	11-9	1453	Tue	10-minutes net: HDNA //3542 kHz	CW	(F5JBR-J)
UM10	3257	11-9	1520	Tue	10-minutes net: HDNA //3629 kHz	CW	(F5JBR-J)
UM10	3629	11-9	1520	Tue	10-minutes net: HDNA //3257 kHz	CW	(F5JBR-J)
UM10	4116	21-9	1559	Fri	10-minutes net: HDNA	CW	(JPL-Sib)
UM10	4116	22-9	1153	Sat	10-minutes net: HDNA	CW	(JPL)
UM10	3629	23-9	1952	Sun	10-minutes net: SDXL	CW	(JPL-Sib)
UM10	4116	23-9	1952	Sun	10-minutes net: HDNA	CW	(JPL-Sib)
UM10	5918	25-9	1027	Tue	10-minutes net: QUXF //6780 kHz	CW	(JPL-Sib)
UM10	6780	25-9	1027	Tue	10-minutes net: QUXF //5918 kHz	CW	(JPL-Sib)
UM10	6790	25-9	1027	Tue	10-minutes net: JATD	CW	(JPL-Sib)
UM10	3629	28-9	1450	Fri	10-minutes net: SDXL	CW	(JPL-Sib)
UM10	4116	28-9	1452	Fri	10-minutes net: HDNA	CW	(JPL-Sib)
UM10	3629	29-9	1655	Sat	10-minutes net: SDXL	CW	(JPL-Sib)
UM10	3542	29-9	1656	Sat	10-minutes net: HDNA //4116 kHz	CW	(JPL-Sib)
UM10	4116	29-9	1656	Sat	10-minutes net: HDNA //3542 kHz	CW	(JPL-Sib)
V02a	7555	11-9	2000	Tue	Two M08a transmissions and one V02a mixing together	LSB	(qsr711)
V07	16137	2-9	0100	Sun	164 164 164 000	USB	(SDX)
V07	16137	2-9	0100	Sun	164 164 164 000	USB	(SDX)
V07	14637	2-9	0120	Sun	164 164 164 000	USB	(SDX)
V07	14637	2-9	0120	Sun	164 164 164 000	USB	(SDX)
V07	16137	9-9	0100	Sun	164 1 172 67 18145 38208 32773 ... 92403 11806 33636 000 000	USB	(PY)
V07	16137	16-9	0100	Sun	164 164 164 message	USB	(SDX)
V07	14637	16-9	0120	Sun	164 164 164 message	USB	(SDX)
V07	13437	16-9	0140	Sun	164 164 164 message	USB	(SDX)
V07	16137	30-9	0100	Sun	164 164 164 1 9961 63 23515 84946 33022 ...72219 21011 000 000	USB	(Dan/SDX/HFD-USA)
V07	14637	30-9	0120	Sun	164 164 164 1 9961 63 23515 84946 33022 ...72219 21011 000 000	USB	(Dan/SDX/HFD)
V07	13437	30-9	0140	Sun	164 164 164 1 9961 63 23515 84946 33022 ...72219 21011 000 000	USB	(Dan/SDX/HFD)
V13	8169	12-9	0809	Wed	New Star Broadcasting	AM	(HK)
V13	9725	24-9	1100	Mon	New Star Broadcasting	AM	(HK)
V15	6400	8-9	1444	Sat	(presumed) on a minute early, YL Korean.	AM	(BW3-J)
V15	675	22-9	1445	Sat	North Korean Intel. via PBS Pyongyang Pansong on 675, 3320, 6400 kHz	AM	(AB-J/BW3-J)
V15	3320	22-9	1445	Sat	North Korean Intel. via PBS Pyongyang Pansong on 675, 3320, 6400 kHz	AM	(AB-J)
V15	6400	22-9	1445	Sat	North Korean Intel. via PBS Pyongyang Pansong on 675, 3320, 6400 kHz	AM	(AB-J/BW3-J)
V24	5115	16-9	1600	Sun	Popmusic followed by a message in Korean	AM	(AB-KOR)
V24	5900	22-9	1600	Sat	South Korean Intel. Popmusic followed by a message in Korean	AM	(AB-KOR)
V26	4243	30-9	1220	Sun	Messages in Chinese. Female operator	USB	(JPL)
V28	2998	4-9	1158	Tue	Parrot. Messages in Korean. Male operator	AM	(HK)

V28	3049	4-9	1158	Tue	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	3518	4-9	1158	Tue	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	2928	4-9	1206	Tue	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	4494	6-9	2107	Thu	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	4627	6-9	2107	Thu	Parrot. Messages in Korean. Female and male operators	AM	(HK)
V28	4980	6-9	2107	Thu	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	5151	6-9	2107	Thu	Parrot. Messages in Korean. Male operator	AM	(HK)
V28	4494	24-9	2105	Mon	Parrot. Messages in Korean. Male and female operators	AM	(HK)
V28	4625	24-9	2105	Mon	Parrot. Messages in Korean. Male and female operators	AM	(HK)
V28	4973	24-9	2105	Mon	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	5158	24-9	2105	Mon	Parrot. Messages in Korean. Male operator	AM	(HK)
VC01	5462	8-9	1752	Sat	Chinese Robot i.p.	USB	(BW3-J)
VC01	5462	22-9	1455	Sat	Chinese Robot i.p.	USB	(BW3-J)
VC01	7804	22-9	1457	Sat	Chinese Robot i.p.	LSB	(BW3-J)
X06	11438	3-9	1547	Mon	Sequence: 532614	MFSK-6	(Danix)
X06	12138	5-9	0824	Wed	Sequence: 362154	MFSK-6	(ES)
X06	16276	6-9	0812	Thu	Sequence: 314265	MFSK-6	(HFD)
X06	11537	10-9	0817	Mon	Sequence: 421635	MFSK-6	(Danix)
X06	12224	10-9	0929	Mon	Sequence: 463125	MFSK-6	(Danix)
X06	15878	12-9	1038	Wed	Sequence: 621543 Was incorrect 134265 from 1038 UTC to 1042 UTC. Two brief interruptions at 1043 UTC	MFSK-6	(Danix)
X06	18660	12-9	1045	Wed	Sequence: 621543 Interrupted at 1048-1050 UTC	MFSK-6	(Danix)
X06	12150	19-9	0638	Wed	i.p. sequence: 256341	MFSK-6	(AB)
X06	11095	28-9	0534	Fri	Sequence: 216435	MFSK-6	(AB)
X06b	14663	7-9	1740	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	16167	7-9	1743	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	14663	7-9	1808	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	16167	7-9	1809	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	14663	7-9	1811	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	16167	7-9	1812	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	14663	7-9	1816	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	16167	7-9	1817	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	14663	14-9	1759	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	16167	14-9	1800	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	14663	14-9	1802	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	16167	14-9	1803	Fri	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	14663	22-9	1809	Sat	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	14538	30-9	1658	Sun	Sequence: 111666 before XPA2	MFSK-6	(Dan)
X06b	12138	30-9	1700	Sun	Sequence: 111666 before XPA2	MFSK-6	(Avare)
XM	4161	10-9	1730	Mon	Feed back i.p.	USB	(Avare)

XM	4161	10-9	1750	Mon	Feed back i.p.		USB	(AB)
XPA	10359	3-9	0600	Mon	355 355 355 000 07372 00001 00000 33666		MFSK-20/10Bd	(AB/HFD)
XPA	11559	3-9	0620	Mon	355 355 355 000 07372 00001 00000 33666		MFSK-20/10Bd	(AB/HFD)
XPA	13559	3-9	0640	Mon	355 355 355 000 07372 00001 00000 33666		MFSK-20/10Bd	(AB/HFD)
XPA	10359	5-9	0600	Wed	355 355 355 000 01665 00001 00000 36657		MFSK-20/10Bd	(AB)
XPA	11559	5-9	0620	Wed	355 355 355 000 01665 00001 00000 36657		MFSK-20/10Bd	(AB)
XPA	13559	5-9	0640	Wed	355 355 355 000 01665 00001 00000 36657		MFSK-20/10Bd	(AB)
XPA	10359	10-9	0600	Mon	355 355 355 1 00335 00115 40899 ... 03824 85285 46711		MFSK-20/10Bd	(AB)
XPA	11559	10-9	0620	Mon	355 355 355 1 00335 00115 40899 ... 03824 85285 46711		MFSK-20/10Bd	(AB)
XPA	13559	10-9	0640	Mon	355 355 355 1 00335 00115 40899 ... 03824 85285 46711		MFSK-20/10Bd	(AB)
XPA	10359	12-9	0600	Wed	355 355 355 1 00335 00115 40899 ... 03824 85285 46711		MFSK-20/10Bd	(AB)
XPA	11559	12-9	0620	Wed	355 355 355 1 00335 00115 40899 ... 03824 85285 46711		MFSK-20/10Bd	(AB)
XPA	13559	12-9	0640	Wed	355 355 355 1 00335 00115 40899 ... 03824 85285 46711		MFSK-20/10Bd	(AB)
XPA	10359	17-9	0600	Mon	355 355 355 000 02877 00001 00000 40661		MFSK-20/10Bd	(AB)
XPA	11559	17-9	0620	Mon	355 355 355 000 02877 00001 00000 40661		MFSK-20/10Bd	(AB)
XPA	13559	17-9	0640	Mon	355 355 355 000 02877 00001 00000 40661		MFSK-20/10Bd	(AB)
XPA	10359	19-9	0600	Wed	355 355 355 000 05881 00001 00000 35665		MFSK-20/10Bd	(AB)
XPA	11559	19-9	0620	Wed	355 355 355 000 05881 00001 00000 35665		MFSK-20/10Bd	(AB)
XPA	13559	19-9	0640	Wed	355 355 355 000 05881 00001 00000 35665		MFSK-20/10Bd	(AB)
XPA	10359	24-9	0600	Mon	355 355 355 1 00446 00129 29994 ... 22438 46610 07235		MFSK-20/10Bd	(AB/Dan)
XPA	11559	24-9	0620	Mon	355 355 355 1 00446 00129 29994 ... 22438 46610 07235		MFSK-20/10Bd	(AB/Dan)
XPA	13559	24-9	0640	Mon	355 355 355 1 00446 00129 29994 ... 22438 46610 07235		MFSK-20/10Bd	(AB/Dan)
XPA	10359	26-9	0600	Wed	355 355 355 1 00446 00129 29994 ... 22438 46610 07235		MFSK-20/10Bd	(AB)
XPA	11559	26-9	0620	Wed	355 355 355 1 00446 00129 29994 ... 22438 46610 07235		MFSK-20/10Bd	(AB)
XPA	13559	26-9	0640	Wed	355 355 355 1 00446 00129 29994 ... 22438 46610 07235		MFSK-20/10Bd	(AB)
XPA2	16167	1-9	1900	Sat	05883 00001 00000 36655		MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14663	1-9	1920	Sat	05883 00001 00000 36655		MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13923	1-9	1940	Sat	05883 00001 00000 36655		MFSK-16/20Bd	(AB/HFD)
XPA2	14538	2-9	1800	Sun	06018 00001 00000 35257		MFSK-16/20Bd	(AB/Danix/MPJ/Dan/HFD)
XPA2	13538	2-9	1820	Sun	06018 00001 00000 35257		MFSK-16/20Bd	(AB/Danix/MPJ/Dan/HFD)
XPA2	12138	2-9	1840	Sun	06018 00001 00000 35257		MFSK-16/20Bd	(AB/Danix/MPJ/Dan/HFD)
XPA2	10324	3-9	0700	Mon	04077 00001 00000 34663		MFSK-16/20Bd	(AB/HFD)
XPA2	11524	3-9	0720	Mon	04077 00001 00000 34663		MFSK-16/20Bd	(AB/HFD)
XPA2	13524	3-9	0740	Mon	04077 00001 00000 34663		MFSK-16/20Bd	(AB/HFD)
XPA2	14538	4-9	1800	Tue	06834 00085 63593 ... 99799 99294 35236		MFSK-16/20Bd	(AB)
XPA2	13538	4-9	1820	Tue	06834 00085 63593 ... 99799 99294 35236		MFSK-16/20Bd	(AB)
XPA2	12138	4-9	1840	Tue	06834 00085 63593 ... 99799 99294 35236		MFSK-16/20Bd	(AB)

XPA2	10324	5-9	0700	Wed	09831 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	11524	5-9	0720	Wed	09831 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	13524	5-9	0740	Wed	09831 00001 00000 35664	MFSK-16/20Bd	(AB)
XPA2	10427	5-9	0840	Wed	04385 00101 46039 ... 28814 79631 36713	MFSK-16/20Bd	(Avare)
XPA2	15859	6-9	0910	Thu	09782 00069 98223 ... 83192 92840 22557	MFSK-16/20Bd	(AB/HFD)
XPA2	14659	6-9	0930	Thu	09782 00069 98223 ... 83192 92840 22557	MFSK-16/20Bd	(AB/HFD)
XPA2	13459	6-9	0950	Thu	09782 00069 98223 ... 83192 92840 22557	MFSK-16/20Bd	(AB/HFD)
XPA2	16167	7-9	1900	Fri	09266 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	14663	7-9	1920	Fri	09266 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	13923	7-9	1940	Fri	09266 00001 00000 35267	MFSK-16/20Bd	(AB/Dan)
XPA2	16167	8-9	1900	Sat	05543 00001 00000 34262	MFSK-16/20Bd	(AB-EST/MPJ)
XPA2	14663	8-9	1920	Sat	05543 00001 00000 34262	MFSK-16/20Bd	(AB-EST/MPJ)
XPA2	13923	8-9	1940	Sat	05543 00001 00000 34262	MFSK-16/20Bd	(AB-EST)
XPA2	14538	9-9	1800	Sun	06834 00085 63593 ... 99799 99294 35236	MFSK-16/20Bd	(AB/Dan/MPJ/RL)
XPA2	13538	9-9	1820	Sun	06834 00085 63593 ... 99799 99294 35236	MFSK-16/20Bd	(AB/Dan/MPJ/RL)
XPA2	12138	9-9	1840	Sun	06834 00085 63593 ... 99799 99294 35236	MFSK-16/20Bd	(AB/Dan/MPJ)
XPA2	10324	10-9	0700	Mon	00226 00143 12045 ... 43626 00900 65172	MFSK-16/20Bd	(AB)
XPA2	11524	10-9	0720	Mon	00226 00143 12045 ... 43626 00900 65172	MFSK-16/20Bd	(AB)
XPA2	13524	10-9	0740	Mon	00226 00143 12045 ... 43626 00900 65172	MFSK-16/20Bd	(AB)
XPA2	14538	11-9	1800	Tue	08879 00001 00000 41667	MFSK-16/20Bd	(AB-AUT/MPJ)
XPA2	13538	11-9	1820	Tue	08879 00001 00000 41667	MFSK-16/20Bd	(AB-AUT/MPJ)
XPA2	12138	11-9	1840	Tue	08879 00001 00000 41667	MFSK-16/20Bd	(AB-AUT/MPJ)
XPA2	10324	12-9	0700	Wed	00226 00143 12045 ... 43626 00900 65172	MFSK-16/20Bd	(AB)
XPA2	11524	12-9	0720	Wed	00226 00143 12045 ... 43626 00900 65172	MFSK-16/20Bd	(AB)
XPA2	13524	12-9	0740	Wed	00226 00143 12045 ... 43626 00900 65172	MFSK-16/20Bd	(AB)
XPA2	16167	14-9	1900	Fri	05034 00155 28279 ... 12253 39544 20172	MFSK-16/20Bd	(AB/Dan)
XPA2	14663	14-9	1920	Fri	05034 00155 28279 ... 12253 39544 20172	MFSK-16/20Bd	(AB/Dan)
XPA2	13923	14-9	1940	Fri	05034 00155 28279 ... 12253 39544 20172	MFSK-16/20Bd	(AB/Dan/RL)
XPA2	15859	15-9	0910	Sat	06056 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	14659	15-9	0930	Sat	06056 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	13459	15-9	0950	Sat	06056 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	16167	15-9	1900	Sat	05034 00155 28279 ... 12253 39544 20172	MFSK-16/20Bd	(AB)
XPA2	14663	15-9	1920	Sat	05034 00155 28279 ... 12253 39544 20172	MFSK-16/20Bd	(AB)
XPA2	13923	15-9	1940	Sat	05034 00155 28279 ... 12253 39544 20172	MFSK-16/20Bd	(AB)
XPA2	14538	16-9	1800	Sun	03083 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	13538	16-9	1820	Sun	03083 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	12138	16-9	1840	Sun	03083 00001 00000 32663	MFSK-16/20Bd	(AB)
XPA2	10324	17-9	0700	Mon	03880 00001 00000 35263	MFSK-16/20Bd	(AB)
XPA2	11524	17-9	0720	Mon	03880 00001 00000 35263	MFSK-16/20Bd	(AB)
XPA2	13524	17-9	0740	Mon	03880 00001 00000 35263	MFSK-16/20Bd	(AB)

XPA2	14538	18-9	1800	Tue	09034 00093 41217 ... 17150 77436 71226	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	13538	18-9	1820	Tue	09034 00093 41217 ... 17150 77436 71226	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	12138	18-9	1840	Tue	09034 00093 41217 ... 17150 77436 71226	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	10324	19-9	0700	Wed	04987 00001 00000 41264	MFSK-16/20Bd	(AB)
XPA2	11524	19-9	0720	Wed	04987 00001 00000 41264	MFSK-16/20Bd	(AB)
XPA2	13524	19-9	0740	Wed	04987 00001 00000 41264	MFSK-16/20Bd	(AB)
XPA2	15859	20-9	0910	Thu	00454 00079 30248 ... 05563 02412 62701	MFSK-16/20Bd	(AB)
XPA2	14659	20-9	0930	Thu	Not heard (00454 00079 30248 ... 05563 02412 62701)	MFSK-16/20Bd	(AB)
XPA2	13459	20-9	0950	Thu	00454 00079 30248 ... 05563 02412 62701	MFSK-16/20Bd	(AB)
XPA2	16167	21-9	1900	Fri	01544 00001 00000 35655	MFSK-16/20Bd	(AB-EST)
XPA2	14663	21-9	1920	Fri	01544 00001 00000 35655	MFSK-16/20Bd	(AB-EST/MPJ)
XPA2	13923	21-9	1940	Fri	01544 00001 00000 35655	MFSK-16/20Bd	(AB)
XPA2	15859	22-9	0910	Sat	00454 00079 30248 ... 05563 02412 62701	MFSK-16/20Bd	(AB-AUT)
XPA2	14659	22-9	0930	Sat	00454 00079 30248 ... 05563 02412 62701	MFSK-16/20Bd	(AB-AUT)
XPA2	13459	22-9	0950	Sat	00454 00079 30248 ... 05563 02412 62701	MFSK-16/20Bd	(AB)
XPA2	16167	22-9	1900	Sat	08795 00001 00000 37271	MFSK-16/20Bd	(AB-EST/Dan/MPJ-RUS)
XPA2	14663	22-9	1920	Sat	08795 00001 00000 37271	MFSK-16/20Bd	(AB-EST/Dan/MPJ-RUS)
XPA2	13923	22-9	1940	Sat	08795 00001 00000 37271	MFSK-16/20Bd	(AB-EST/Dan/MPJ-RUS)
XPA2	14538	23-9	1800	Sun	09034 00093 41217 ... 17150 77436 71226	MFSK-16/20Bd	(AB/Dan/MPJ)
XPA2	13538	23-9	1820	Sun	09034 00093 41217 ... 17150 77436 71226	MFSK-16/20Bd	(AB/Dan/MPJ)
XPA2	12138	23-9	1840	Sun	09034 00093 41217 ... 17150 77436 71226	MFSK-16/20Bd	(AB/Dan/MPJ)
XPA2	10324	24-9	0700	Mon	00248 00165 89251 ... 24831 76945 60345	MFSK-16/20Bd	(AB)
XPA2	11524	24-9	0720	Mon	00248 00165 89251 ... 24831 76945 60345	MFSK-16/20Bd	(AB)
XPA2	13524	24-9	0740	Mon	00248 00165 89251 ... 24831 76945 60345	MFSK-16/20Bd	(AB)
XPA2	14538	25-9	1800	Tue	07008 00001 00000 35257	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	25-9	1820	Tue	07008 00001 00000 35257	MFSK-16/20Bd	(AB/MPJ)
XPA2	12138	25-9	1840	Tue	07008 00001 00000 35257	MFSK-16/20Bd	(AB/MPJ)
XPA2	10324	26-9	0700	Wed	00248 00165 89251 ... 24831 76945 60345	MFSK-16/20Bd	(AB)
XPA2	11524	26-9	0720	Wed	00248 00165 89251 ... 24831 76945 60345	MFSK-16/20Bd	(AB)
XPA2	13524	26-9	0740	Wed	00248 00165 89251 ... 24831 76945 60345	MFSK-16/20Bd	(AB)
XPA2	15859	27-9	0910	Thu	08896 00001 00000 40271	MFSK-16/20Bd	(AB)
XPA2	14659	27-9	0930	Thu	08896 00001 00000 40271	MFSK-16/20Bd	(AB)
XPA2	13459	27-9	0950	Thu	08896 00001 00000 40271	MFSK-16/20Bd	(AB)
XPA2	16167	28-9	1900	Fri	03662 00111 26357 ... 76164 05257 74734	MFSK-16/20Bd	(AB-EST/MPJ-HOL/RL)
XPA2	14663	28-9	1920	Fri	03662 00111 26357 ... 76164 05257 74734	MFSK-16/20Bd	(AB-EST/MPJ-HOL/RL)
XPA2	13923	28-9	1940	Fri	03662 00111 26357 ... 76164 05257 74734	MFSK-16/20Bd	(AB/MPJ-HOL/RL)
XPA2	15859	29-9	0910	Sat	05442 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	14659	29-9	0930	Sat	05442 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	13459	29-9	0950	Sat	05442 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	16167	29-9	1900	Sat	03662 00111 26357 ... 76164 05257 74734	MFSK-16/20Bd	(AB-EST/MPJ-I/RL)

XPA2	14663	29-9	1920	Sat	03662 00111 26357 ... 76164 05257 74734	MFSK-16/20Bd	(AB-EST/MPJ-I/RL)
XPA2	13923	29-9	1940	Sat	03662 00111 26357 ... 76164 05257 74734	MFSK-16/20Bd	(AB/MPJ-I/RL)
XPA2	14538	30-9	1800	Sun	08741 00001 00000 35264	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	13538	30-9	1820	Sun	08741 00001 00000 35264	MFSK-16/20Bd	(AB/MPJ/Dan)
XPA2	12138	30-9	1840	Sun	08741 00001 00000 35264	MFSK-16/20Bd	(AB/MDK2/MPJ/Dan)

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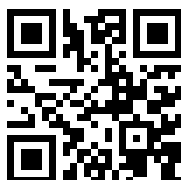
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