

27364	92836	09428	01208	14982	36498	32764	31277
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58765	58765	76587	58765	76587	58765	76587	58756

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #272, May 2020

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.



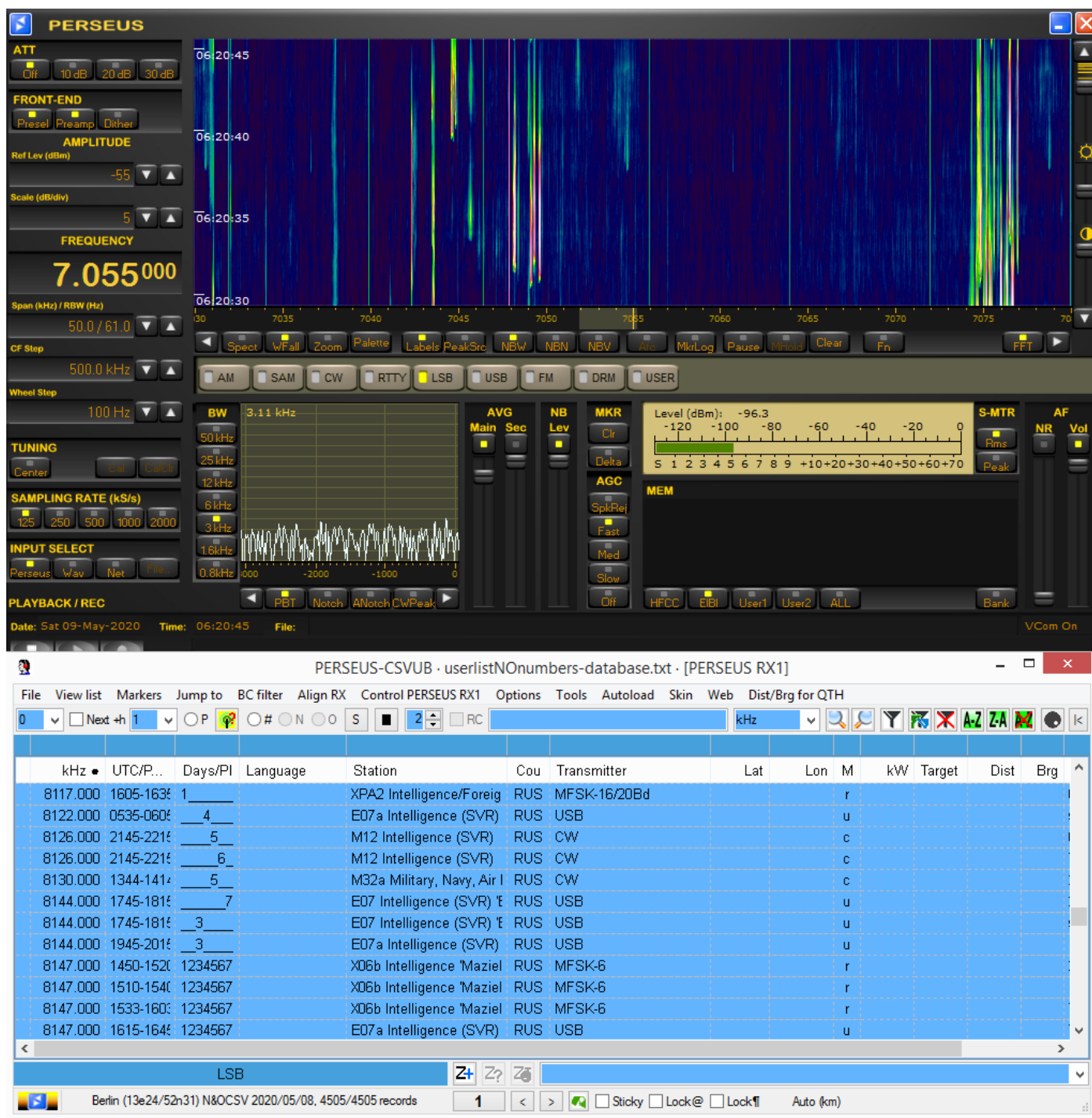
-. ..- -- -... . .-- -. -. --- -. -.. .. -

FOREWORD

Hi and welcome to the 272nd edition of Numbers & Oddities. The world is still far from normal, my vacation is cancelled and the conditions on HF could be better, but my family, friends and I are still in good health and that is more important. I hope that you and yours are well too.

CSVUserlistBrowser

Many of you probably know this nice gadget called CSVUserlistBrowser. It is written by Heinrich DF8RY. It links well known frequency lists to a number of SDRs and other radios. You can import files from EIBI, AOKI, HFCC, Classaxe REU/RNA/RWW NDB lists, SWBC, ILG, ITU Monitoring and also the Numbers & Oddities log files. To make the import easier, I have put the current year logs also as SCV file on the N&O website. Heinrich recently added the N&O csv option to his software. You can find the program and all further information on <https://www.df8ry.de>



The Perseus SDR linked to the CSVUserlistBrowser using the N&O list.

E06

14565/16125 kHz, 07-05/08-05, 0500/0600 UTC

460 127 53
13985 27810 52736 42536 73168 38419 69761 00214 87490 55616
83284 03442 71440 63154 83575 36165 82711 14319 96164 96516
39382 11590 48874 75740 33290 67253 43645 61040 63033 62163
99069 92046 35037 44829 14604 25579 06126 38025 72362 88397
66040 45111 37456 22636 83324 73241 42800 53586 63039 15659
69332 34549 89720
127 53 00000

5948 kHz, 07-05, 2030 UTC

724 446 42
45671 65736 96930 23572 72375 23672 92358 23653 29359 23659
12345 23582 23692 60232 23658 23689 13245 23682 03956 01956
69382 23765 83726 96874 27165 96844 43837 34572 28716 65896
23876 26372 90684 76845 27252 13945 76845 94038 37265 57693
48690 03856
446 42 00000
Windows XT shutdown sound

5731 kHz, 08-05, 2133 UTC. Late start. Restart at the end but stopped after sending one id.

315 446 42
45671 65736 96930 23572 72375 23672 92358 23653 29359 23659
12345 23582 23692 60232 23658 23689 13245 23682 03956 01956
69382 23765 83726 96874 27165 96844 43837 34572 28716 65896
23876 26372 90684 76845 27252 13945 76845 94038 37265 57693
48690 03856
446 42 00000
315
Windows XT shutdown sound

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

460 379 52
57505 34815 61725 76943 15724 44891 01041 78427 98764 43559
88560 71193 59794 41649 78404 90704 75527 44689 82950 97570
17538 28194 43028 87215 94361 66952 68116 59644 44099 16767
38755 00256 82180 72058 88354 57609 34009 47796 06577 29121
07139 59176 31498 90592 82705 97501 22720 30534 30778 25674
32628 75207
379 52 00000

5934 kHz, 21-05, 2030 UTC

724 580 44
31532 37905 68553 78912 87443 94012 18514 01953 38414 13202
41945 23285 15802 65245 87462 78912 87463 94562 18912 84853
49067 42412 15464 75612 14352 34585 68553 23462 73459 41847
21250 10473 27624 17023 54332 81220 81244 41265 96183 74874
66753 78203 80329 38780
580 44 00000
Windows XT shutdown sound

16246/18446/19246 kHz, 01-05, 0700/0720/0740 UTC

242 242 242 1 587 118 587 118
10981 31281 73313 28334 63253 86887 15611 36659 08345 02590
38576 73249 40306 70374 14476 39624 19365 79879 60757 86791
41657 67455 25450 65185 13723 34847 66999 25183 60699 70297
55950 63482 98325 24594 03184 19918 42361 96943 50335 12176
68749 21856 43670 06148 58392 05581 39157 86136 25204 89396
22695 96689 58440 63205 72126 33307 24201 90707 09840 69195
48421 64657 86628 50864 28762 20549 90440 70723 92523 04651
44948 75005 47993 78260 90527 95662 47953 68275 71057 75902
74182 54710 82026 11844 70524 07024 18221 02971 43141 62439
63793 05293 87734 61797 00240 88636 89768 22942 95572 16848
46320 55776 45627 12012 46023 98965 08871 93123 74152 69726
21447 40370 93087 01990 03096 07630 57934 96039 000 000

19659/17459/16159 kHz, 05-05/08-05, 1100/1120/1140 UTC

641 641 641 1 5249 46 5249 46
60758 08355 89332 52491 50196 06209 70684 22767 80228 57875
93641 37689 52125 35887 72872 74201 11278 73541 50302 33075
03575 53456 28869 86494 84640 67887 30510 57825 76060 80388
30942 04972 84708 42459 34480 69928 95842 94426 78633 89960
11102 52941 42303 53623 01005 79200 000 000

17472/15872/14372 kHz, 11-05/13-05, 1900/1920/1940 UTC

483 483 483 1 617 89 617 89
12932 60250 83753 85482 75123 23015 87278 14500 62795 37326
62832 97317 60674 21197 93258 15490 51667 01006 22110 24172
04790 57074 79608 15517 57449 02563 77118 11345 48822 13266
70422 55254 85615 09314 90900 75637 28938 06767 94402 95084
89387 72569 67896 80272 30178 29214 70212 19470 51327 78595
94848 47813 29096 07981 40019 32765 33321 68261 32709 05560
78488 42622 42017 56357 91919 43175 93169 02420 01727 19463
26111 47818 13756 02691 00340 95473 18338 41233 48200 01952
11802 65117 33948 71945 07968 88256 86400 75343 29259 000 000

16246/18446/19246 kHz, 12-05/15-05/26-05/28-05, 0700/0720/0740 UTC

242 242 242 1 5543 58 5543 58
53534 54735 84614 80321 36085 55777 06753 26125 72002 79270
73504 00187 34065 71115 38538 80431 67759 06831 35132 19796
38245 11653 75580 73324 78218 69087 47756 20550 28628 67023
03381 63861 30816 42267 69845 39720 83153 06988 52957 13571
16925 92886 37139 59258 32299 39464 92512 55313 29627 09768
61834 83722 33855 04749 83225 22752 68285 09330 000 000

19659/17459/16159 kHz, 12-05/15-05, 1100/1120/1140 UTC

641 641 641 1 247 44 247 44
32478 83410 81160 74678 22995 50150 31784 26526 79906 77213
80753 73952 23239 75686 66936 87369 00683 58406 59191 08366
30507 95754 66318 04723 45578 05590 60407 17707 09733 90087
93266 27469 22591 98064 91413 63427 22943 72697 04375 64419
12873 12204 48684 69614 000 000

13934/12134/10934 kHz, 13-05/17-05, 1700/1731/1802 UTC

919 919 919 1 8762 236 8762 236
03149 60346 68886 75108 65608 19332 03693 67999 19606 49981
67141 38417 68870 02854 58633 24451 30501 48367 85772 53979
02682 73720 73613 78554 16294 75961 57948 88366 44957 64417
20587 14706 94825 82710 18831 04158 31192 52003 09438 32494
90330 04948 22603 20328 69156 06438 78757 50101 55882 70187
13241 71420 95170 15139 02811 76963 61314 10948 47978 17840
83370 59673 48325 81390 63357 74635 73553 82346 51882 79074
00452 18883 62846 06946 58808 32560 16789 97649 78672 48135
17091 40950 99923 49008 02605 38267 99349 97883 52424 24556
04647 97877 91061 11567 96421 78593 66607 58086 57304 27078
39726 34740 31873 83967 33652 08438 26559 18831 33452 99881
88371 89932 84435 71214 56997 71497 06701 48535 36669 01055
33480 40666 11777 09355 42666 21508 66654 89843 37402 82374
09736 08265 12978 49847 75449 02916 51951 55303 14322 40398
82259 02602 30568 32711 71788 51196 33440 71285 56636 14363
14705 33674 61680 65819 21282 75729 24351 08484 97187 16665
24885 37903 80113 27267 84644 14997 43533 35062 92200 24762
60256 21441 50290 80955 75907 56677 06466 68515 79877 80135
81473 12240 34625 53625 08584 75981 63264 65556 30013 96122
91740 56612 75853 24384 09124 51320 77397 49734 07860 48646
97684 61850 56410 11238 29553 40959 45006 53768 82259 81692
44098 74785 00772 07446 47121 95292 95112 22020 17397 71812
68479 90922 53676 40350 50466 62399 39838 27934 79428 58585
90263 45886 72749 72438 26425 39596 000 000

15836/14536/13536 kHz, 14-05/16-05, 1410/1430/1450 UTC

157 157 157 1 569 64 569 64
04027 21502 31530 50431 39074 51306 71289 34059 37258 68909
51501 79386 45224 72163 35773 66547 14136 22525 89514 47040
09754 34847 68983 81847 12247 37627 55230 22591 36514 43353
53484 27124 34878 97544 90337 86173 84859 36190 58802 34145
83527 89451 38018 76228 56652 43962 21075 06073 80507 72378
92723 54348 81678 99273 06273 68112 56752 43102 72120 25412
25865 51235 83108 39170 000 000

19659/17459/16159 kHz, 19-05/22-05, 1100/1120/1140 UTC

641 641 641 1 565 74 565 74
97559 17963 06887 98935 13030 86020 04110 05317 17765 41026
30106 05982 12500 89973 49682 41232 20479 07197 04963 21327
43286 18118 13661 92153 11083 19845 47825 91499 36079 92552
16948 05302 97149 10323 44965 08072 06157 08046 78715 92978
29920 80502 27069 05713 87917 68123 79531 85520 41252 30259
62339 04018 65831 77700 09402 80284 38095 31963 83082 78498
51734 09277 11420 98128 66752 62081 64700 19201 93843 80224
39330 14305 29129 16739 000 000

19659/17459/16159 kHz, 26-05/29-05, 1100/1120/1140 UTC

641 641 641 1 631 144 631 144
76078 50742 31098 02920 04518 42560 03381 79842 47687 93459
80004 13378 57825 55353 51841 42209 89554 21731 29771 65869
53703 83053 04487 35425 60554 07666 43756 86402 63137 70855
07839 96346 83364 09705 69061 87712 61721 00479 66776 47801
40197 85888 89635 95868 64951 84901 59118 82989 47092 59170
37808 18546 41083 59597 39246 37084 08770 05600 27253 44025
69851 46516 16355 80867 19618 65518 77371 36761 42027 51480
38574 27084 41719 85670 46905 45189 26365 90050 49419 77303
57710 50476 67223 92677 57951 75187 60849 65110 42978 62796
42089 50882 09421 33746 06814 77157 94289 53154 71199 51083
46724 37591 44958 72132 34377 49950 03329 82068 91484 22206
36595 50353 92586 36792 11224 52446 06291 39050 49271 83722
79272 91626 43635 91353 81722 79875 76740 06931 78646 45640
99823 13029 74559 04570 92055 88459 71813 25450 82823 96773
89894 69693 54877 63978 000 000

15836/14536/13536 kHz, 28-05/30-05, 1410/1430/1450 UTC

157 157 157 1 264 144 264 144
72288 68247 98027 79314 85103 60437 14855 06953 94457 83069
35362 28392 08133 68960 74866 22219 40375 09616 80911 84317
99967 02609 05808 77021 75250 99255 22581 46486 42796 44602
33773 40675 94625 85134 99729 78283 89493 64413 35938 01502
43917 08328 43235 06475 91983 83328 93432 03918 88291 51466
00566 61035 64016 14212 07719 93412 60487 90337 58043 63721
32726 53981 80570 28242 92439 33332 80377 03305 89905 48192
15773 63493 82363 50250 77335 19312 85745 82140 16501 63297
37363 22701 15874 04128 55060 78932 86190 34503 16073 96379
24846 97347 79542 85021 99712 05360 61751 64821 61862 75550
12309 99138 49925 50264 39400 98897 62762 95335 99979 26263
46324 83222 11360 25321 53985 60769 27865 44235 33183 11466
77874 77579 53483 70154 21276 93791 13228 59976 50973 11916
33563 36369 82783 84535 80331 99505 71537 21424 41172 48903
27287 52894 15420 04331 000 000

E11a

7469 kHz, 04-05, 0450 UTC

8088 kHz, 07-05, 1730 UTC

411/31 Attention
11244 19597 75084 99924 92807 01478 25757 45741 29238 87689
19586 50400 41183 09544 28115 30099 53690 71888 58077 13000
39144 08183 63569 55793 12675 54277 31863 75366 99740 83905
96033
Attention (message repeated) Out

12202 kHz, 04-05/08-05, 0830 UTC

181/39 Attention
49681 03046 59852 90984 65361 28727 13198 45679 88092 21239
96467 29330 54183 96305 01004 23564 36973 09932 84677 13318
74057 45683 74211 59820 30351 12006 89917 49532 90142 84651
13891 49484 35592 59840 62673 00529 33485 20218 48478
Attention (message repeated) Out

8545 kHz, 04-05/06-05, 1045 UTC

696/33 Attention

44799 96726 04414 30992 22187 47657 59452 55950 73237 77007
15267 04008 03839 41689 36033 81736 80209 63326 13620 37153
47414 43377 71371 95090 18666 54638 10073 81824 03596 70128
49997 31427 04772

Attention (message repeated) Out

14410 kHz, 04-05/10-05, 1745 UTC

247/31 Attention

62657 22926 59463 93020 37580 03192 42946 07297 20709 29086
41337 18897 69893 37626 85069 88531 28097 01061 98309 61909
61127 22185 33593 02240 95610 92311 57206 85342 50507 04558
36948

Attention (message repeated) Out

14940 kHz, 07-05/12-05, 0745 UTC

222/39 Attention

55786 98193 07408 22215 31536 52420 98794 30580 37523 63746
69995 30889 50545 51819 46843 49630 23946 31048 46323 52350
37718 01587 01649 72008 97939 62797 63561 67824 31181 59284
06933 45426 53055 79527 45289 62813 61454 38670 11739

Attention (message repeated) Out

12229 kHz, 08-05/10-05, 1650 UTC

929/36 Attention

77681 82183 86580 71886 35332 80777 32720 99732 80818 52130
24850 01598 46762 87327 20210 57176 42731 70424 85646 85567
78272 72312 20090 14566 50655 26020 12418 55066 91674 50928
33857 94060 08878 59494 65887 16133

Attention (message repeated) Out

9610 kHz, 08-05/10-05, 1910 UTC

Message can contain errors as it was very hard to hear what was said.

Poorly chosen frequency, which is used by power house Radio Romania

611/38 Attention

50093 04070 56882 92248 82413 07862 85040 02695 83686 09650
14293 02843 25915 78813 76094 83815 19028 42729 96244 54363
88128 01465 34876 93113 18754 53385 34632 72092 79383 06940
93411 83335 42886 65990 46633 49797 43566 37181

Attention (message repeated) Out

5082 kHz, 09-05/10-05, 1930 UTC

363/32 Attention

99149 78771 31778 40850 61506 95832 39597 28006 74399 27418
48960 03821 68157 46481 70035 85991 32770 66828 09906 39894
24946 50016 30172 68489 44945 28152 80624 22245 18115 59921
04006 32458

Attention (repeat message) Out

9610 kHz, 11-05, 0745 UTC

10356 kHz, 14-05, 1530 UTC

264/31 Attention

76314 00136 22879 67367 68697 71796 68741 29636 52094 23993
92419 41410 07558 71619 97828 42744 06611 26774 81802 67428
50054 58885 86013 72107 21614 39294 74164 44753 93379 65084
03626

Attention (message repeated) Out

12135 kHz, 12-05/14-05, 0845 UTC

151/30 Attention

42859 36579 15087 61706 88791 70311 81374 15768 58890 83680
00600 39088 92682 41769 12190 90386 06195 72223 71719 48506
11159 37306 14735 35857 43697 67645 98457 36843 50661 75919

Attention (message repeated) Out

15720 kHz, 13-05/15-05, 0745 UTC

344/37 Attention

02722 30900 67474 20488 66515 60976 20755 34569 18886 25478
12051 97843 75144 28996 47186 30443 56719 08037 27707 52492
21871 20132 71633 45154 67823 03583 32740 94604 09458 36609
03255 86563 09435 74373 03967 34910 35748

Attention (message repeated) Out

4909 kHz, 15-05, 0820 UTC

430/34 Attention

12650 72138 56932 50746 17387 04530 68297 42862 41780 61086
02448 99508 77065 69463 27926 48752 15388 76719 50231 80935
03186 76432 01286 82683 27503 84753 71993 08420 23130 83320
83195 39030 56025 28352

Attention (message repeated) Out

6480 kHz, 16-05/17-05, 0710 UTC

490/32 Attention

78192 34284 86649 55268 95428 89043 36953 73899 55928 80069
06791 49144 49863 99308 56344 66882 68385 65657 37275 51568
55633 41633 20844 30303 14023 37260 21783 20336 49649 28908
07329 12526

Attention (message repeated) Out

5737 kHz, 16-05/17-05, 0805 UTC

316/37 Attention

80274 91994 67077 34567 72022 89468 17575 68192 26282 18357
97826 72052 48316 96663 50215 35102 78101 89674 49577 03013
12386 88913 84293 20118 30264 25457 93883 74598 97049 77583
30915 25526 51958 63920 36954 47494 00966

Attention (message repeated) Out

5409 kHz, 18-05/22-05, 1530 UTC

527/35 Attention

72374 51897 25475 79303 87187 18651 80789 02605 82194 00224
05304 36540 75727 85670 40122 38364 01462 92292 29519 87970
48185 73607 44798 95368 62961 62900 51466 56183 56714 74922
19119 14170 77195 08169 43164

Attention (Message repeated) Out

13424 kHz, 19-05/21-05, 0645 UTC

514/32 Attention

11856 11000 56501 78324 59131 09477 85230 10800 49287 84281
34528 42716 64743 63792 73795 96214 36076 05942 86656 03799
94313 40694 76537 51151 09652 75990 58147 53321 07655 54485
91030 22364

Attention (message repeated) Out

8680 kHz, 19-05, 0700 UTC

570/33 Attention

88110 74186 25853 76870 65898 81751 59653 50696 04449 62316
09862 57113 11275 02994 16441 49175 79169 13801 62082 86748
09249 62470 31371 75735 93189 67132 71032 31883 04792 92951
64090 71974 45949

Attention (message repeated) Out

14940 kHz, 19-05/21-05, 0745 UTC

224/39 Attention

90983 44785 56764 36824 81636 88153 11410 39276 48015 33484
19460 71504 92107 59257 98724 56567 80860 27517 52362 86383
46545 72047 28764 23580 67679 78570 15910 92657 64397 92666
63217 67685 99939 09996 36425 75925 29506 86329 92702

Attention (message repeated) Out

8180 kHz, 19-05/22-05, 1000 UTC

306/25 Attention

91785 98567 23304 68829 82746 76428 39761 82251 87235 90541
11950 32779 42195 41606 76803 13490 67158 50099 28727 27228
59125 98294 69819 80909 55194

Attention (message repeated) Out

12984 kHz, 19-05/23-05, 1345 UTC

918/35 Attention

98545 71109 23506 04295 07798 57013 29935 73954 11096 43016
90668 66148 32324 10675 02945 17528 21764 11597 09543 72141
02423 45180 93960 67281 91954 96449 33264 16271 46625 09262
27630 33809 67831 84230 76701

Attention (message repeated) Out

14575 kHz, 19-05/21-05, 1700 UTC

330/32 Attention

82401 82095 93351 39453 02473 05480 02474 34651 69685 07504
00367 91413 93562 44386 85946 24530 85536 44560 18007 26178
65299 86682 95546 39375 73624 81023 15075 21159 87200 53884
66883 16795

Attention (message repeated) Out

15800 kHz, 20-05, 0640 UTC

949/26 Attention

83776 04092 89102 80191 37349 58232 75474 24019 30160 88024
83629 50692 16090 61851 22068 73458 45617 13086 33547 22909
60725 68039 52002 90986 20209 19840

Attention (message repeated) Out

6849 kHz, 22-05, 0435 UTC

352/31 Attention

78351 40517 26979 00689 83009 04304 68376 02198 25617 22754
45962 94275 80987 33431 71824 20408 85338 04378 39638 71262
56505 08602 72705 68363 93122 01200 83865 72325 87727 53320
08319

Attention (message repeated) Out

7449 kHz, 25-05/27-05, 0900 UTC

533/33 Attention

96423 09546 00806 24764 15186 19682 79045 68325 76654 53942
82652 21270 12452 44451 66569 79274 84403 62578 87148 81201
64799 69733 74295 51129 64757 94379 41026 25393 15391 79222
43223 00492 87019

Attention (message repeated) Out

7600 kHz, 25-05/28-05, 1900 UTC

647/38 Attention

48054 55894 74670 18410 78902 66102 61666 03303 75579 76587
26063 44601 22006 39446 69359 71355 26821 17302 57758 59958
11936 87756 22338 14825 40696 40096 16421 05979 83814 61425
85762 90219 99274 56898 13769 42077 43603 15453

Attention (message repeated) Out

17378 kHz, 26-05/27-05, 0820 UTC

135/33 Attention

17881 43173 97010 09057 40771 29113 78860 77141 79422 53148
74564 60624 91495 79370 19951 19390 05108 99413 31593 82795
34503 91137 65580 05994 39611 85348 84777 85780 05131 33269
35068 60609 23451

Attention (message repeated) Out

6923 kHz, 27-05/28-05, 0930 UTC

277/39 Attention

33687 52875 02857 33845 23657 35724 71842 10517 68241 40735
99046 70153 38737 92369 65078 10071 62256 99737 58371 74020
86999 96102 74834 86838 13362 79042 57714 58237 89732 38247
24264 98603 10008 51494 43498 85024 96101 78606 62527

Attention (message repeated) Out

6304 kHz, 26-05/27-05, 1205 UTC

466/31 Attention

20731 17246 64537 83999 14598 95875 32362 15306 45773 10489
01981 61647 96469 66109 67729 49854 74003 22450 69352 69170
86924 03501 04992 75521 56781 38643 05646 29455 32754 31753
90314

Attention (message repeated) Out

7863 kHz, 27-05/31-05, 1625 UTC

974/37 Attention

26850 06477 06216 81091 94725 59316 93879 89734 05821 36444
74137 52548 70938 69870 46643 09396 97930 32627 89905 62797
84219 43685 58879 53711 43238 15284 04654 50889 49697 49666
21919 85618 68572 23641 59033 92196 74203

Attention (message repeated) Out

4783 kHz, 30-05, 1705 UTC

396/33 Attention

91646 41881 83603 90433 99094 62768 21449 74210 28018 71852
64179 11329 76161 06807 18485 25572 90598 30786 93340 21107
39772 35191 73085 26246 76826 19847 48984 08211 60082 87272
17378 58131 44010

Attention (message repeated) Out

5371 kHz, 31-05, 1605 UTC

230/33 Attention

29520 56894 67918 69050 58962 20037 61169 06860 74422 71540
96908 13155 61046 55844 19801 76136 36572 92180 97438 53614
09463 54512 36562 16091 74537 91242 98227 14923 09456 76430
78500 89447 67194

Attention (message repeated) Out

E17z

16780 /12850 kHz, 07-05/14-05, 0800/0810 UTC

217 438 5 47665 94092 48521 63888 92060 438 5 00000

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

217 964 5 92103 50754 67941 35571 71582 964 5 00000

G06

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

842 902 902 45 45

12435 76426 05698 65615 65790 43483 23453 83874 12453 16452

68716 08343 24102 88748 72657 03126 73561 61123 87122 83823

86774 61251 87891 23437 94526 13242 17964 43525 12121 21198

64265 42346 56781 44322 38765 32145 63451 22344 56944 13368

78265 14368 12346 73416 32442

902 902 45 45 00000

Windows XP shutdown sound

S06

9336/7315 kHz, 15-05/16-05, 1900/2000 UTC

452 761 59

20169 96297 94922 13174 55729 28132 64600 39710 17206 71727

70822 80846 94417 71825 22622 97390 63211 04123 24878 17424

39665 81775 21506 13281 72718 50614 24775 53881 75753 07021

21909 68301 47357 45042 59597 97627 75611 90779 04049 50957

79194 64931 08429 01623 39341 41557 06163 94460 66867 62960

52668 38525 09358 28773 22526 89950 03650 96668 84234

761 59 00000

S11a

5149 kHz, 06-05/08-05, 1100 UTC

371/38 Vnimanaye

86646 78136 41967 63568 25412 33236 89555 27345 99337 25691

28539 71169 75080 31775 42341 75096 66659 61850 99617 01121

05862 01463 62521 72085 58848 94232 01439 53023 56128 39118

34542 98155 18328 19233 25761 29822 26058 32141

Vnimanaye (message repeated) Konets

12457 kHz, 06-05/09-05, 1850 UTC

285/37 Vnimanaye

94669 01915 40985 34207 68842 33019 25526 79108 91485 00071

42066 18229 68541 94414 97822 71666 23771 81329 15756 43106

48388 67088 69458 93801 05132 11580 10687 07479 83290 07449

66384 23525 61558 89125 57109 63246 31290

Vnimanaye (message repeated) Konets

9339 kHz, 11-05, 0700 UTC

470/31 Vnimanaye

22767 86150 42060 69832 46880 74735 32448 56092 26664 09899

01898 71351 81730 24155 15769 08571 87591 10405 18176 75533

81679 57791 15787 76265 02385 88417 02079 28026 56262 65782

57530

Vnimanaye (message repeated) Konets

5082 kHz, 11-05/15-05, 0915 UTC

486/31 Vnimanije

00625 54673 57753 60207 45225 01125 15112 47217 65878 92813
 86051 66688 64934 75162 50740 50196 69580 53293 08580 11465
 30316 22475 83942 14358 07127 72920 93877 54212 98256 89193
 51176

Vnimanije (message repeated) Konets

6977 kHz, 12-05/15-05, 1020 UTC

426/33 Vnimanije

29441 04807 72419 94358 35312 92646 90237 72618 23834 45041
 84333 55278 12919 70227 29394 07498 60270 60868 73413 61706
 18940 04148 75979 18326 23438 06568 38962 95459 60728 08366
 15686 88676 84347

Vnimanije (message repeated) Konets

13537 kHz, 13-05, 0510 UTC

659/39 Vnimanije

66191 57390 22694 51036 51520 97986 76509 55699 74950 28502
 80292 83447 85982 93164 81746 92214 10522 24459 45059 93848
 63645 95575 73309 94861 93570 31115 47551 50828 88664 82957
 17108 21915 20139 67819 14997 70210 49767 19945 36862

Vnimanije (message repeated) Konets

V07**13521/12121 kHz, 24-05, 0300/0320 UTC**

514 514 514 1 9492 48 9492 48

42428 24608 12486 80759 19870 73344 83846 24884 73339 94887
 85535 81650 01??0 54143 89969 30467 74437 49403 80567 07237
 47846 90444 04482 7?132 11315 54781 ?9810 21999 06?32 13088
 18395 88195 18213 71435 82592 72480 772?1 76173 75278 35060
 49758 74??5 15834 26773 43190 67582 91910 31691 000 000

MORSE STATIONS**M01****6435 kHz, 02-05, 1500 UTC**

025 224 244 = 30 30

59598 25688 98995 72331 34814 23383 03135 86158 79884 37435
 07658 18511 89583 91122 58189 86740 90541 05750 67006 76571
 47294 78430 52454 12488 14254 02050 91016 40210 73519 22049
 = = 244 244 = 30 30 000

6780 kHz, 03-05, 0700 UTC. Different repeat in red

025 420 420 30 30 = =

02468 56529 69065 92749 63397 31589 43765 82883 24913 28449
 62015 75588 83744 77416 72645 23975 41023 **410234** 59601 28344 78894
 65892 16122 97097 11805 27186 08329 26375 84085 05072 85114
 = = 420 420 30 30 000

5280 kHz, 05-05, 1800 UTC

025 741 741 30 30 = =
 56962 69284 04507 67454 81687 82668 86734 45652 51669 11714
 53437 69811 27937 30803 48981 83373 74293 55280 21101 95359
 60071 62120 69869 67798 73249 48124 06067 20738 39715 24616
 = = 741 741 30 000

4905 kHz, 05-05, 2000 UTC

025 566 566 30 30 = =
 66119 71258 65216 01762 10691 62672 26625 50775 02092 26930
 96605 51432 35221 14280 83163 83088 96921 55217 05073 42733
 81967 67341 90295 77140 79600 02456 87366 72839 66583 81442
 = = 566 566 30 30 000

5280 kHz, 07-05, 1800 UTC

025 300 300 = 30 30 = =
 93384 98033 32656 26826 84336 76995 00307 78291 44978 81692
 54720 69260 31391 28942 39054 30450 83986 06591 15413 31054
 09462 45715 24546 42088 16748 56347 59420 04600 77498 47326
 = = 300 300 30 30 000

4905 kHz, 07-05, 2000 UTC

025 089 089 30 30 = =
 85027 17051 70458 08175 52327 26103 58539 53909 58253 15463
 23258 65078 60491 03763 57132 57414 36174 30261 90742 26948
 52572 49344 29905 42246 30941 35046 65530 61976 40814 42747
 = = 089 089 30 30 000
 Group eight was not repeated

6435 kHz, 09-05, 1500 UTC. Different repeat in red

025 275 275 30 30 = =
 74617 25606 46141 69288 96348 97427 32800 **82800** 82064 93467 70441
 08595 76216 07006 90263 27009 89622 06022 57043 50877 11860
 74898 86134 17833 10076 49166 19771 53797 96660 01238 50274
 = = 275 275 30 30 000

6780 kHz, 10-05, 0700 UTC

025 611 661 = 30 30 = =
 31300 51956 78086 90649 85596 53397 15567 86708 32876 94067
 52435 21575 15810 56614 74476 77400 07222 63632 45404 93491
 89896 69989 95983 83364 66250 21673 80965 64681 33851 53286
 = = 611 611 = 30 30 000

5280 kHz, 12-05, 1800 UTC

Wrong 7th group. Then group 6 again followed by the correct 7th group.

Different repeat of group 17

025 428 428 30 30 = =
 40033 71884 73363 06115 56894 84528 **56894 84528** 99493 35658 92199 92262
 49512 25821 01644 73126 26940 43075 67897 54106 **54101** 43743 50623
 54157 82384 17180 10700 21164 18996 60685 33943 69453 12697
 = = 428 428 30 30 000

4905 kHz, 12-05, 2000 UTC

025 411 411 30 30 = =
 57398 75254 81150 91085 78626 99646 55981 23720 52487 32144
 21378 81201 23515 78936 44812 89426 24661 32661 06781 61836
 17337 44737 79558 51031 21418 49158 50061 29549 83734 14445
 = = 411 411 30 30 000

5280 kHz, 14-05, 1800 UTC

025 490 490 = 30 30
 08835 25426 10591 20475 50177 06782 72683 03196 97790 34686
 64049 61905 91780 69728 40956 85577 59172 62121 96896 47588
 13232 99767 65666 10703 14269 53513 09153 98776 80511 69344
 = = 409 409 30 30 000

4905 kHz, 14-05, 2000 UTC

025 530 530 = 30 30 = =
 54330 54712 63731 18909 30825 69148 22085 51950 55039 40222
 32988 16349 21637 26577 55568 63253 29579 54977 94960 77152
 09441 65096 89024 29689 35156 46255 50243 52091 59200 61743
 = = 530 530 30 30 000

6435 kHz, 16-05, 1500 UTC. Transcript as sent. Errors in red

VVV VVV
 025 187 187 30 30
 23110 23110 89925 89925 92165 92165 54539 54539 75647 75647
 47118 47118 67316 67316 **97726 72 664016401** 65508 65508 **472710**
 47271 64873 64873 50574 50574 84130 84130 57474 57474 21736
2136 09241 **024** 15094 **1509** 43122 43122 55971 **5591** 75412 **751**
 16272 **127 58635583562919 291** 59741 **594 7332973329** 3134 **313**
17465165 89713 89713 07751 **0751**
 = = 187 187 30 30 000

6780 kHz, 17-05, 0700 UTC. Different repeat and error in red

025 145 145 30 30 = =
 80323 58563 **55867** 44202 83540 98273 91573 97027 27168 34070 24752
 37990 27692 14484 62103 40549 88382 09505 72197 33826 72908
 37251 70547 57521 14239 83372 36680 13685 99680 15297 96552
 = **E**= 145 145 30 30 000

5280 kHz, 19-05, 1800 UTC. Different repeats in red

025 815 815 = 30 30 = =
 99256 79031 99821 61343 65003 05665 83950 64703 39979 04249
 11145 78457 03148 31963 33277 89675 77786 59755 47005 **59 47005** 42292
 24260 71549 56616 77714 67077 57476 65166 41031 **41032** 44270 85802
 = = 815 815 = 30 30 000

4905 kHz, 19-05, 2000 UTC

025 940 940 = 30 30 = =
 72524 04662 00421 91484 95437 10076 01064 33203 49856 87525
 69250 40841 87727 71981 58238 73325 86916 43313 41043 77490
 38538 61356 94796 83659 47227 55448 74077 28656 43974 19559
 = = 940 940 = 30 30 000

5280 kHz, 21-05, 1800 UTC

025 331 331 30 30 = =
 80337 89065 33013 54191 07272 67893 58540 74539 83041 53560
 15991 02730 05533 90320 98623 59672 10875 46283 27100 93741
 41537 06279 38263 91507 89222 51158 60940 24712 29131 16273
 = = 331 331 30 30 000

4905 kHz, 21-05, 2000 UTC

025 514 514 30 30 = =
 57484 47162 11454 06751 79151 13296 19514 73651 80079 62247
 15695 35916 93025 42094 43765 18881 80396 48675 80527 72067
 40880 07001 93302 73257 07912 33058 83710 90668 99566 77963
 = = 514 514 30 30 000

6435 kHz, 23-05, 1500 UTC

925 827 827 = 30 30 = =
98432 89515 72447 97948 05679 60242 68757 29861 55246 57586
70945 14709 37493 04299 26042 07793 45304 87386 38795 11381
22621 93687 72354 06569 98238 14277 97128 93210 10339 11999
= = 827 827 = 30 30 000

6780 kHz, 24-05, 0700 UTC

025 943 943 30 30 = =
77433 26551 11956 53320 45975 68173 07845 60788 76305 19250
85262 81649 31471 35614 47196 48785 74272 62196 96787 01380
32264 33648 04768 12969 81070 16378 06278 63237 64028 89149
= = 943 943 30 30 000

5280 kHz, 26-05, 1800 UTC

025 678 678 30 = =
32215 31064 46835 48152 30352 79408 88637 95973 79302 57846
33525 82544 07168 56947 68429 98186 58417 28621 00984 16184
00094 22985 71404 26137 37095 11516 79673 15021 37387 21571
= = 678 678 30 30 000

4905 kHz, 26-05, 2000 UTC

025 718 718 30 30 =
25524 56662 22209 51663 86347 77191 45190 46886 85087 08239
41915 40437 74604 30850 53487 59970 85284 34902 06614 93674
35846 46214 13878 19341 15834 16464 53989 65886 92098 16232
= = 718 718 30 30 000

5280 kHz, 28-05, 1800 UTC

025 712 712 30 30 = =
22962 83675 81858 11488 16168 03261 87663 64204 79015 80920
19571 80261 15719 63503 89285 52530 28172 31374 15130 02742
53175 02229 98658 53779 34652 78537 39853 65147 74319 79816
= = 712 712 30 30 000

4905 kHz, 28-05, 2000 UTC

025 751 751 30 30 = =
37124 56246 89782 94955 92719 00350 40118 74869 29642 12712
10130 69174 57259 62601 43134 66198 13859 56831 23749 25611
18831 08353 73552 36511 60472 85422 53178 36553 62415 12538
= = 751 751 30 30 000

6435 kHz, 30-05, 1500 UTC

025 917 917 30 30 =
24991 33280 64970 54321 89849 66803 59542 49803 00301 86571
21858 06553 28882 10107 68181 06281 53566 30291 64647 13854
16144 00659 00962 31676 63445 14322 26085 18263 51201 66742
= = 917 917 30 30 000

6780 kHz, 31-05, 0700 UTC

025 854 854 = 30 30 = =
26511 66402 41515 97045 32957 35405 79541 97321 77054 35069
99196 92228 32148 99980 24322 47813 03848 40124 20090 31616
89211 26188 37764 58635 19234 07052 77763 07528 19344 72724
= = 854 854 = 30 30 000

M01a

4523 kHz, 12-05, 0848 UTC

361 361 361 91648 91648

361 361 361 91457 91457

361 361 361 97971 97971

9192 kHz, 13-05, 0532 UTC

498 498 498 52449 52449

7692 kHz, 13-05, 0540 UTC

498 498 498 47436 47436

498 498 498 49337 49337

9192 kHz, 20-05, 0534 UTC

498 498 498 52482 52482

7692 kHz, 20-05, 0539 UTC

498 498 498 49227 49337

9129 kHz, 26-05, 0533 UTC

498 498 498 55651 55651

7692 kHz, 26-05, 0543 UTC

958 958 958 41050 41050

958 958 958 41264 41264

M01b

5075//5465 kHz, 01-05/08-05/15-05/22-05/29-05, 1902 UTC

336 121 121 31 31 = =

59557 71189 86090 44597 73433 24882 29284 53689 76857 93444

90778 51304 12327 23445 26352 82942 72237 31029 06367 64824

46131 51518 00421 60516 42633 49752 02991 07939 93762 99145

79545

= = 121 121 31 31 000

4895//5340 kHz, 01-05/08-05/15-05/22-05, 2010 UTC. No transmissions on 29-05

467 121 121 31 31 = =

59557 71189 86090 44597 73433 24882 29284 53689 76857 93444

90778 61304 12327 33435 16352 82942 72237 31029 06367 64824

46131 51518 00421 60516 42633 49752 02992 07939 93762 99145

79545

= = 121 121 31 31 000

5125//5735 kHz, 04-05/11-05/18-05/25-05, 1810 UTC

364 121 121 31 31 = =

59557 71189 86090 44597 73433 24882 29284 53689 76857 93444

90778 51304 12327 23445 26352 82942 72237 31029 06367 64824

46131 51518 00421 60516 42633 49752 02991 07939 93762 99145

79545

= = 121 121 31 31 000

5150//5475 kHz, 04-05/11-05/18-05/25-05, 1915 UTC

858 121 121 31 31 = =

59557 71189 86090 44597 73433 24882 29284 53689 76857 93444

90778 51304 12327 23445 26352 82942 72237 31029 06367 64824

46131 51518 00421 60516 42633 49752 02991 07939 93762 99145

79545

= = 121 121 31 31 000

5095//5760 kHz, 07-05/14-05/21-05/28-05, 1830 UTC

815 121 121 31 31 = =

59557 71189 86090 44597 73433 24882 29284 53689 76857 93444

90778 51304 12327 23445 26352 82942 72237 31029 06367 64824

46131 51518 00421 60516 42633 49752 02991 07939 93762 99145

79545

= = 121 121 31 31 000

5065//5805 kHz, 07-05/14-05/21-05/28-05, 1940 UTC

936 121 121 31 31 = =

59557 71189 86090 44597 73433 24882 29284 53689 76857 93444

90778 51304 12327 23445 26352 82942 72237 31029 06367 64824

46131 51518 00421 60516 42633 49752 02991 07939 93762 99145

79545

= = 121 121 31 31 000

10183/9083/8083 kHz, 02-05, 2210/2230/2250 kHz

95541 19629 96900 09441 46657 87982 39326 58975 81733 63901
81279 37025 97303 77838 39807 39629 80124 33030 36442 89396
89973 12228 74218 32581 60076 56835 27040 17656 62642 61966
09248 90569 07285 53482 28484 12980 71836 86983 39915 50886
63665 94502 36769 81892 27525 66636 67333 58510 32386 68389
77016 25876 69964 51537 81303 18658 94795 73535 75778 64421
82368 62175 97871 03469 62487 45986 99464 05689 73519 40648
37907 89685 92586 94022 59532 48255 33779 43082 39679 16130
23682 63690 30433 32767 64449 25062 12000 83288 36228 82263
42733 15089 50606 74950 64405 96758 98505 28757 97578 29139
95733 06213 45911 94498 69973 52422 95270 46669 00995 66009
00950 34991 09053 86584 56358 14564 67891 47339 62369 60536
64995 35850 57467 50011 49799 04208 68320 30235 56863 20776
12616 42116 76485 97426 82931 96418 22719 16250 28630 08823
20007 19442 63848 77879 11200 07738 44547 69928 88771 55006
31144 51562 59152 75070 11915 34083 43681 58670 78864 29270
13360 66066 52298 12086 30272 59306 23780 88803 52732 56609
68725 75034 78715 66813 82562 80655 14522 98502 12227 09870
69506 15808 25878 99781 000 000

13934/12134/10934 kHz, 03-05, 1700/1720/1740 UTC

919 919 919 1 9954 122 9954 122
52379 06343 36370 02871 64179 62388 50844 17729 23150 22308
05475 84870 18587 08645 67100 89266 42270 47633 83582 93290
25667 53601 49372 34708 57439 59168 37050 15062 38527 67893
13088 81751 70081 08044 22080 73878 99389 32386 47418 27614
81612 61316 68486 41181 70867 63609 87637 84808 62677 06782
99833 27714 30825 14924 23668 12499 41440 60979 43894 97018
88065 90081 22518 13954 09984 65345 20941 73142 54368 99385
26795 21809 42860 38576 56542 65896 51006 87551 81634 40716
47466 22783 26111 27459 79454 50851 01070 28521 66260 51191
00436 40612 45289 33901 30084 92124 62456 06022 01246 50249
26232 84431 95999 05597 52331 94088 46670 36687 56674 40758
47963 00620 22613 73048 07464 34279 47150 13874 39408 49168
62573 22997 000 000

13426/12126/10226 kHz, 04-05, 0210/0230/0250 UTC

412 412 412 1 608 98 608 98
05282 71220 05261 92943 31784 87574 17805 55557 79234 50962
69771 35463 23853 53538 48580 16860 69048 28449 35615 78971
29936 58629 80926 82120 92515 50203 50090 94590 92895 75606
74789 92263 93377 67110 79367 93611 68241 45771 82447 28832
38828 67608 35137 75533 80819 25878 07335 81278 57559 59844
90583 61048 93129 19126 77659 09650 54686 26845 70161 68598
70595 13738 86440 31714 66493 05195 13087 68766 35620 95704
99619 77843 33898 63712 27737 85328 80972 89213 52656 98695
51967 59928 34302 48933 30199 49336 98520 12819 08466 23343
98845 14449 92732 39008 52044 92295 76021 90664 000 000

17451/15951/14451 kHz, 04-05, 1400/1420/1440 UTC

494 494 494 1 253 42 253 42
95855 32366 75552 99252 05249 32711 16104 42738 71135 33964
80575 64989 67916 66954 91962 31346 73311 34125 93363 41293
15633 63385 62257 18741 61064 62742 98064 77648 03818 02071
78907 19688 29555 57244 06487 20173 24591 64505 27768 77399
08709 62613 000 000

9314/10714/11414 kHz, 05-05, 0500/0520/0540 UTC

374 374 374 1 9613 75 9613 75
72754 71634 74374 49971 99553 96124 22062 81334 93887 67940
04517 33426 12810 08525 01592 95557 01346 32220 36161 27321
59633 13156 10523 74966 19548 11705 85855 10095 59594 08870
45434 71554 57388 65341 19632 59072 92806 59877 41637 55716
97991 52287 43701 66319 19075 05849 58388 41627 95740 14514
45269 29706 14627 98259 41184 31463 68427 32331 18337 87323
02188 18979 88264 05930 80648 30837 13179 24868 36910 15922
59052 98872 47039 44554 75378 000 000

12187/10987/9287 kHz, 06-05/08-05/13-05/15-05, 1210/1230/1250 UTC

192 192 192 1 5811 14 5811 14
16463 21356 99479 67404 22138 09215 53404 82888 94399 00437
45878 55632 59577 27846 000 000

16113/15813/14813 kHz, 06-05/10-05, 1600/1620/1640 UTC

188 188 188 1 7614 77 7614 77
10875 15177 49519 99573 54191 31195 24531 04753 94935 30445
11892 66471 96956 80716 25168 08119 38964 88390 78816 51128
47158 46082 92564 91739 27615 16948 14075 79226 56616 39578
11826 09130 52480 45141 80669 92198 59940 87570 86467 99367
00511 07967 81068 00524 31636 81199 60170 43741 19155 26571
34527 92876 97188 73268 22118 66236 28113 19063 00440 02533
39840 50833 02014 62125 03103 45872 13830 66983 14219 00786
29818 84278 12943 94215 58143 48091 68292 000 000

10183/9083/8083 kHz, 06-05/09-05, 2210/2130/2150 UTC

199 199 199 1 110 120 110 120
93040 68509 22383 91120 34960 06919 77029 22362 89259 98955
89864 73888 72372 70813 27093 61432 27490 68072 41449 12057
78594 20288 69494 70521 39842 63940 48149 01670 05740 31958
56009 26323 58568 45541 90540 88597 34174 91368 50024 49053
30038 31958 71863 49172 02729 16802 35800 63886 13798 07969
18445 47444 78620 61946 78875 37009 25576 29864 37321 12114
60445 23739 01132 90645 61014 13919 13301 88134 08083 32974
12004 89712 99980 69567 78279 69433 92606 47089 17410 48612
95762 15280 46275 02229 24531 91291 93457 73847 19440 61908
61216 69036 88418 18045 04694 98726 17841 24457 33331 04718
93931 99679 16140 14236 32466 21557 76980 14351 64004 76851
97565 49752 44975 54550 93197 57944 94171 20667 49244 94722
000 000

13926/13426/11526 kHz, 07-05, 2000/2020/2040 UTC

573 573 573 1 8921 131 8921 131
85366 68344 47779 19995 28773 84205 24867 27256 88598 89401
35319 94627 30251 57293 96274 57567 96034 67524 12670 20178
83483 61533 65155 51813 06762 52337 39514 47959 43542 39507
34739 26726 96690 06075 75362 19708 02625 04223 76841 03534
56802 98486 93161 66966 43783 60151 80096 91005 29960 25629
98151 70961 97747 72849 07236 59644 39596 08991 99898 04480
39948 20573 53106 55490 35304 41475 42563 09195 99324 45526
67726 91685 77133 83189 54855 64377 31181 35433 44712 67001
76000 21330 82646 62688 18988 98424 64622 38344 04674 83185
04380 97696 85024 16315 78841 91848 03880 54372 77925 61867
18009 78764 51437 04531 00913 13677 81917 83588 08054 29876
09303 02558 80552 02334 82490 73076 76119 20805 43276 80024
24289 05981 63095 86732 80688 89247 84688 17380 65244 96015
08332 000 000

10843/10243/9243 kHz, 08-05/09-05/15-05/16-05, 2100/2120/2140 UTC

822 822 822 1 4742 56 4742 56

47225 79554 80641 40632 41431 44131 88572 26960 07451 56813
88735 21941 09637 75790 04529 28533 47419 00945 87928 12785
84079 57140 74257 60718 07853 04196 37574 15697 45006 05011
44934 18587 33681 39081 52618 39112 57844 35105 34807 72480
02523 33165 37012 06704 68567 34396 85664 90831 52508 75279
68003 47978 26775 12005 91919 32158 000 000

9314/10714/11414 kHz, 10-05, 0500/0520/0540 UTC

374 374 374 1 9613 75 9613 75

72754 71634 74374 49971 99553 96124 22062 81334 93887 67940
04517 33426 12810 08525 01592 95557 01346 32220 36161 27321
59633 13156 10523 74966 19548 11705 85855 10095 59594 08870
45434 71554 57388 65341 19632 59072 92806 59877 41637 55716
97991 52287 43701 66319 19075 05849 58388 41627 95740 14514
45269 29706 14627 98259 41184 31463 68427 32331 18337 87323
02188 18979 88264 05930 80648 30837 13179 24868 36910 15922
59052 98872 47039 44554 75378 000 000

13426/12126/10226 kHz, 11-05, 0210/0230/0250 UTC

412 412 412 1 5887 80 5887 80

89243 72897 32188 07495 41628 17497 32044 77747 90575 28092
69927 34599 07498 98701 91580 04349 15637 02603 64548 91985
00172 89519 45137 39503 99751 89377 34578 62945 71844 90451
84674 36574 13167 58289 63112 48740 09221 69861 45960 88432
46897 34413 14501 93805 05761 41782 35898 59743 62755 35237
49834 11702 36315 34503 69764 69895 63863 38891 82859 08354
61531 79980 08796 52044 75240 08350 14250 53613 40092 54738
96633 28535 38958 77995 87230 93111 71018 72080 50612 44365
000 000

9317/11152 kHz, 12-05, 0530/0610 UTC

135 135 135 1 3809 110 3809 110

30511 48565 60704 12018 19526 91883 94133 32196 04229 32900
94885 34241 39636 29370 81048 67232 71884 56389 89683 08966
49291 73398 62924 11791 65572 94218 87668 79876 12302 69441
90050 84472 31219 95346 22039 31546 90898 86169 34142 00203
06088 60756 79902 22321 24742 81509 39416 30002 79592 44020
76081 59550 44763 84849 22203 28728 31391 68590 44497 32964
96628 44948 71277 31746 98835 78330 08188 65016 29013 22714
25594 17271 60648 80390 80574 97702 41188 43237 92200 12625
28716 19745 30256 59753 57021 57562 71449 63926 55783 90745
25080 48500 34017 25759 19488 90182 40010 10644 87913 04501
33143 20100 46776 23916 19201 39257 54078 09677 19540 10250
000 000

13423/12123/11123 kHz, 12-05/14-05, 0700/0720/0740 UTC

411 411 411 1 6229 146 6229 146

34420 63513 87425 94463 19654 94350 30742 43001 07811 27891
79853 99363 18385 13260 26499 79554 88371 66985 52996 81025
63500 62317 55112 33820 10844 69099 56640 35470 32921 68478
59762 17635 53295 77148 63370 65406 02084 67546 03763 67170
72170 76012 63019 34038 82702 30445 47703 01864 40658 46913
51326 80356 68419 41472 47958 67929 66101 06190 89515 22278
93892 38368 68294 70417 50047 68395 75223 42416 61079 92123
16841 23902 82287 57067 13836 83215 92780 32892 16665 15940
29322 82198 77954 90251 46308 68287 06880 59685 16314 70795
07507 45048 07373 68103 73587 98917 15260 25157 24440 22202
67048 20743 52406 18864 19189 70963 96447 28153 42440 28322
26305 67779 68278 55705 02223 39132 37890 50304 72885 23362
31326 26862 58990 68023 90458 01439 82401 43428 62353 23353
60186 54060 41535 18250 73888 07396 60564 26231 14744 38985
52554 67100 73174 13527 19638 35910 000 000

10183/9083/8083 kHz, 13-05, 2210/2230/2250 UTC

199 199 199 1 3497 128 3497 128

74669 10612 10855 22768 39374 29972 96990 56353 15857 90275
93283 58773 13769 62002 83730 04686 92818 33429 03402 02349
44523 71218 42974 98988 82097 29839 68916 26652 23418 69881
54257 75173 25240 01138 83154 69207 44499 77376 72808 11935
59165 00607 24799 76908 28184 96496 83630 06587 55395 54934
68394 09540 29706 97437 71572 39153 52648 45451 46691 98019
36317 73492 41934 37897 61822 65963 37775 16548 54987 15269
97188 04279 69778 66696 83265 65297 67722 08312 53793 35559
55422 22881 10452 46756 53717 36738 27996 05674 32852 74475
37661 49894 39218 82079 10116 29620 75192 55122 12041 25827
06074 93395 07237 62547 42913 64368 93344 03406 70411 26789
25512 26338 08316 22884 08029 24224 06392 05428 74579 53536
48158 87103 03877 10283 00217 62101 32799 84189 000 000

12162/11566/10711 kHz, 14-05, 1800/1820/1840 UTC

546 546 546 1 5822 113 5822 113

24315 04640 70710 18757 79978 93849 66634 63440 59611 25863
51601 35636 75153 14373 84342 72866 34114 50511 07072 97170
81124 17184 07972 24918 09163 03622 90068 23962 78670 37349
57089 80493 71965 96390 95381 22359 39126 10269 18924 59920
63430 04266 67900 80693 94699 05036 32152 04726 68502 49926
53080 26440 44803 35370 32437 19675 06761 02240 30321 29569
86223 28619 20789 86283 13866 38224 14977 44538 16148 32522
57638 47560 36367 80015 41892 42382 03909 48592 68824 42479
32467 38613 23739 07372 04088 62647 27689 89225 61469 30534
78749 81581 12130 57941 04116 80495 67200 30181 64404 40054
60123 27580 87625 39127 45134 69062 89849 55068 54372 87150
48880 19877 37962 000 000

14377/13461/12114 kHz, 14-05, 2000/2020/2040 UTC

317 317 317 1 3532 102 3532 102

50901 76287 11225 96258 52075 72799 09355 94505 37362 88100
79075 79153 48296 28766 51204 88456 91781 18507 92970 54499
90434 57036 95683 30475 33796 31599 34456 97335 38138 46137
40636 63571 42032 41114 66011 41312 70124 37080 52621 17803
35981 79512 40444 40799 70209 30890 63279 20216 32866 58177
00815 22997 71515 07652 37525 52644 58029 64116 90349 26715
71653 34660 06551 81218 66482 24133 85586 32496 28506 35730
04529 17730 83322 51687 66356 80328 76722 49295 64087 94280
29953 40950 03543 15008 58630 15577 38516 77298 30684 29655
44294 42652 85187 28385 43114 51887 29913 95562 51679 88812
45801 03049 000 000

13381/12181/10781 kHz, 14-05, 2110/2130/2150 UTC

317 317 317 1 1593 108 1593 108

18078 75790 23816 24024 04335 30288 42220 43934 97878 36424
21769 04224 35421 18891 12990 21771 26194 54701 44244 19379
99093 14561 79100 05020 60069 90560 51838 53064 70416 23956
39434 88029 54705 39712 31429 99822 77949 92177 22661 40036
23250 48123 74982 26794 98864 38302 39487 36805 91894 25258
06071 96599 36355 44821 50347 66830 37484 97330 18272 49885
39412 80350 59269 11270 98713 87465 01059 08096 66894 37184
14498 97958 51524 64532 54972 22130 61716 80752 00866 42737
17712 95898 94062 27596 47072 90025 57264 14111 57587 96987
28976 02794 17238 25297 45122 23970 81314 99156 36339 37088
44671 52283 74825 84189 10733 87791 71466 90570 000 000

10183/9083/8083 kHz, 19-05, 2210/2230/2250 UTC

199 199 199 1 3497 128 3497 128
74669 10612 10855 22768 39374 29972 96990 56353 15857 90275
93283 58773 13769 62002 83730 04686 92818 33429 03402 02349
44523 71218 42974 98988 82097 29839 68916 26652 23418 69881
54257 75173 25240 01138 83154 69207 44499 77376 72808 11935
59165 00607 24799 76908 28184 96496 73630 06587 55395 54934
68394 09540 29706 97437 71572 39153 52648 45451 46691 98019
36317 73492 41934 37897 61822 65963 37775 16548 54987 15269
97188 04279 69778 66696 83265 65297 67722 08312 53793 35559
55422 22881 10452 46756 53717 36738 27996 05674 32852 74475
37661 49894 39218 82079 10116 29620 75192 55122 12041 25827
06074 93395 07237 62547 42913 64368 93344 03406 70411 26789
25512 26338 08316 22884 08029 24224 06392 05428 74579 53536
48158 87103 03877 10283 00217 62101 32799 84189 000 000

9314/10714/11414 kHz, 17-05, 0500/0520/0540 UTC

374 374 374 1 3199 97 3199 97
17968 56172 63336 73755 00073 96622 47799 61353 07057 70790
38156 24336 41042 19333 49141 24555 21582 77730 33662 76605
97197 85078 20912 50549 88884 20377 37790 26671 30962 91811
52721 25587 20802 37270 28852 18517 63338 69801 08894 81862
74907 16910 37705 91791 05069 63004 58951 96428 37431 33368
38473 17428 76427 49328 69589 31335 48183 13496 30736 55524
66918 69054 86902 82329 61711 27185 39721 57234 12719 79550
78443 49498 54414 01691 70550 85257 35691 98637 86846 97740
08668 25218 17859 57466 79157 39518 08698 34047 95028 53326
52406 88156 79032 10689 45840 73480 99825 000 000

13426/12126/10226 kHz, 18-05, 0210/0230/0250 UTC

412 412 412 1 8285 168 8285 168
66344 60494 04698 53999 65507 42285 07936 13068 50564 73275
70259 11169 10123 00337 98033 44178 69118 33226 35552 91206
90000 18529 14072 11537 82561 96746 29799 40701 06002 83610
62012 19579 92741 24280 06259 03838 39301 99496 84402 84975
16463 62523 88061 67237 28096 92208 50721 94094 12240 88944
98416 65424 50535 75384 58095 19130 62179 75736 89107 28180
42528 11994 26030 27367 33365 30319 12855 65110 75970 87790
53794 38189 13149 33155 26536 65884 03004 49211 18397 73856
62343 89922 35061 13583 39792 49778 43480 23994 95867 08751
44035 75704 56579 94071 78198 76939 89814 54446 14229 24422
86678 42177 30521 98390 36132 03259 06196 58871 91981 93480
44180 44443 68670 61136 33703 92711 11871 42734 48734 04054
12374 43462 92273 32066 40350 10180 59157 61495 39120 36099
72675 66587 93021 15504 08682 03050 62636 74485 57843 76538
72937 79861 65142 17332 89144 06906 84497 60297 25399 07765
24101 28763 43559 68112 66177 54124 83692 11261 34715 29990
18131 10675 03396 79372 91713 99300 33370 23491 000 000

13926/13426/11526 kHz, 18-05/21-05, 2000/2020/2040 UTC

573 573 573 1 3629 71 3629 71
48732 89159 73250 06612 70611 37943 13881 56595 64287 09027
05416 75036 79156 84275 96761 33811 22529 72244 14725 94611
73941 39228 33675 33492 19348 82600 52091 51687 69845 41464
96394 36996 67831 40304 08376 22682 62738 45237 15547 59587
61442 60332 92416 58924 15155 06546 90547 51461 20223 79367
63489 64852 65335 04194 43879 24391 68478 83441 84928 26347
93538 78696 54232 85634 45820 87931 69605 66731 23423 20765
30074 000 000

9314/10714/11414 kHz, 19-05, 0500/0520/0540 UTC

374 374 374 1 447 113 447 113

74320 35284 22318 88686 55306 77655 74827 26365 81883 10104
46330 02521 37489 38574 39873 76982 98008 33621 10658 76342
56160 92098 30674 16865 25155 85073 62581 89604 24777 18975
28973 00507 59903 56274 43288 48936 21820 92565 74606 44310
53450 30050 13480 18622 40590 01047 00721 71236 95336 61943
24136 06589 56234 79355 82448 62298 10351 58872 08553 02275
05432 53555 42824 87971 32848 93398 52704 77953 37065 96235
47174 03719 69788 75288 95554 75775 82517 81883 33132 33275
04139 28674 30869 59368 65886 25941 18825 60555 63638 23524
25718 40356 22914 86240 86709 21134 45999 09033 15904 10110
60997 94384 64782 68493 38236 42026 90956 65636 38667 51273
69529 10664 57485 000 000

9317/10484/11152 kHz, 19-05, 0530/0550/0610 UTC

135 135 135 1 1044 107 1044 107

23245 27350 05388 00827 49891 95487 87894 61333 55575 16401
85268 35326 63481 26441 87481 93030 21368 35201 18077 10762
42982 10449 04923 40797 74330 06609 85415 01447 21811 69843
12884 08682 44340 40763 25315 66223 08278 56665 15612 87316
61110 69638 45451 61664 74111 78196 82156 87161 60380 50196
61779 20093 77769 24983 80947 70205 67220 75464 86133 82698
11267 52291 18936 05451 70245 29609 44324 55554 42442 06763
27171 08715 65206 74791 40906 55725 51076 72504 77498 99485
58848 28006 40569 55549 49754 75927 50969 63583 92449 61802
34080 61300 68731 40862 20600 14367 67904 00163 59476 05125
52170 28088 28724 88780 39227 25839 62001 000 000

13423/12123/11123 kHz, 19-05/21-05, 0700/0720/0740 UTC

411 411 411 1 667 72 667 72

35632 68946 26965 02287 70887 63651 45894 01940 15848 98787
78626 05386 80174 94995 60999 23970 08271 84442 81367 67735
56724 60734 49188 17161 06269 28325 07219 02544 69966 15508
19880 22374 63782 62052 88177 64342 81066 51954 12826 21653
53857 09609 67292 14681 14822 30249 17787 50613 83197 04401
26333 59315 33719 68048 31302 17677 20633 65703 00196 04854
86114 23695 96227 90295 73369 57041 58873 92332 97594 97211
75785 83085 000 000

12187/10987/9287 kHz, 20-05/22-05/27-05/29-05, 1210/1230/1250 UTC

192 192 192 1 220 30 220 30

00665 81651 69432 41187 38602 60436 44901 88108 59860 65204
98818 23727 00395 99494 63089 34861 55782 45763 69417 10358
65899 38347 30899 59750 59210 13344 28587 00276 19455 98410
000 000

16113/15813/14813 kHz, 20-05, 1600/1620/1640 UTC

188 188 188 1 9487 130 9487 130

28127 19091 74789 50978 79352 22751 70340 45334 88192 56634
58467 49600 64691 15886 29970 48811 33974 18769 93865 19361
31699 26096 35187 55542 63590 30396 47865 23249 29576 12824
04156 22734 96329 91949 05563 01095 55498 94362 53660 09974
50978 86519 51404 29505 76434 65798 57482 27723 20342 76008
89385 07317 29753 52896 99062 36026 66700 06346 34868 82272
51162 96565 24481 64877 93210 88847 98495 71160 48077 62269
80997 41362 59482 03975 37042 45754 97917 21685 75187 75373
90933 69589 26716 05871 02477 11898 28091 30712 09027 67403
55137 07529 93666 56221 94731 08375 00420 69836 06511 21557
91639 57182 40986 77877 25432 64923 38970 54338 78213 48367
71634 89482 00869 19239 84116 42500 38181 83532 14844 28937
53053 33059 58157 46255 81786 52130 56756 99079 63865 04413
000 000

12162/11566/10711 kHz, 20-05, 1710/1730/1750 UTC

546 546 546 1 4485 109 4485 109
52833 03707 64722 05362 43510 63694 65733 68131 57475 79348
42901 26727 67751 06495 13046 68862 60210 36721 01865 89854
15486 02434 38100 64648 49285 05498 70211 16349 12387 20858
32379 12536 48446 35988 00257 25303 97814 46510 80085 27914
61977 30807 59596 79202 69789 09494 46256 87131 37444 94117
34888 73177 36862 96028 98988 94239 58211 07479 46358 78825
34838 45098 21771 43651 11233 25301 06986 19936 57487 38533
41303 11596 91988 51910 53386 37450 39966 82844 94077 37601
19338 08540 46982 02319 32470 03613 60448 45686 07449 35146
14408 94627 71303 42598 45458 57077 51142 15359 99308 83405
09162 50912 13842 59972 88998 41360 23026 50517 16238 000 000

10183/9083/8083 kHz, 20-05, 2210/2230/2250 UTC

199 199 199 1 576 90 576 90
35419 43203 86651 19815 22184 97327 78570 92923 52741 81175
54627 25799 78049 88932 03628 68592 41400 47084 41839 91726
51478 11403 97160 17390 71686 46233 16549 60553 77092 66137
80284 80193 45261 65945 23744 95614 07988 08595 75045 95784
00727 27988 72850 37071 28969 93891 52335 61446 11856 01330
30979 08054 62108 28937 35813 63975 05899 35306 38024 66076
58967 56565 22443 43841 34994 28756 55316 16691 05533 78153
48540 16343 19421 46158 29331 19773 10208 92124 42545 77403
81331 61763 74254 24890 28461 63894 40655 97457 53168 34580
000 000

12162/11566/10711 kHz, 21-05, 1700/1720/1740 UTC

546 546 546 546 1 7313 111 7313 111
36220 69654 72529 38171 20438 94854 00735 09123 00349 37156
14574 32840 20104 64278 47831 26945 23392 65091 80610 09202
84462 45161 62398 86187 14350 30731 33926 79768 13475 56721
37420 31858 47848 32121 99496 80504 72517 68612 50184 34992
24512 32562 36801 12772 46995 87642 31682 26384 33999 92172
17277 65553 66048 29088 48828 06006 65921 69805 71757 62506
92388 29986 95597 07832 31020 31252 81936 42038 69036 25787
84283 81074 16358 85132 76445 30668 73483 38098 22397 06448
63459 29720 75386 82525 95250 53575 76281 39891 31890 78428
80298 11954 84073 02573 83601 86242 69286 64390 29243 90069
43799 43180 48428 81116 69561 80171 76648 22381 22495 35064
79993 000 000

12162/11566/10711 kHz, 21-05, 1800/1820/1840 UTC

546 546 546 1 6839 104 6839 104
78086 30894 51647 43373 55454 91339 94734 38184 90139 65509
04434 13537 26504 13393 52534 43157 45338 49383 03701 25188
32664 79090 71953 63119 19553 24411 82374 19691 58475 83175
94986 37032 24881 58201 66104 25704 82661 43401 49378 00560
01168 32844 79083 98267 13196 72424 29104 71088 24063 49438
28988 69100 07591 88936 87375 63561 87042 40218 80078 48045
69170 44131 23582 27177 76857 77690 82115 96347 98805 45155
77267 91592 67133 01332 53707 88702 15133 00436 81310 17575
31820 30288 03561 16792 96074 40695 13049 07839 07545 45609
59545 61175 24236 72060 38392 21519 84500 28693 95187 64277
25995 65513 55977 88224 000 000

14377/13461/12114 kHz, 21-05, 2000/2020/2040 UTC

317 317 317 1 8773 109 8773 109
37202 83713 52749 58534 23451 42197 46122 43921 97515 06467
62265 92688 61839 80524 18214 58390 77510 14562 27135 89117
91216 70010 18671 86628 35891 47866 66120 55453 14361 30327
22824 43291 01443 46466 21197 81188 43694 37976 23432 00827
65654 01955 21417 64509 67604 97777 82911 87044 28324 09255
55820 98614 23187 92209 93057 84463 04121 34612 91901 86454
86266 14252 44974 82973 55189 84038 19814 32459 81187 41153
67718 34378 74960 55830 57374 44214 62401 31721 88772 42481
93847 93074 82231 49856 38512 70540 10495 34022 00982 65368
43818 07620 88662 87387 99626 28795 16965 81314 58714 24254
92588 56645 10679 18014 63232 11584 85155 91079 14953 000 000

10843/10243/9243 kHz, 22-05/30-09, 2100/2120/2140 UTC

822 822 822 1 100 89 100 89
17932 33593 01485 95594 58900 74151 53574 79263 04344 42790
24662 14309 37679 11212 91665 37747 14248 65487 44393 69966
23893 04049 04619 40655 60253 29906 65290 87367 49990 62107
77307 26004 31914 71694 78019 11537 47434 22707 72240 89278
86896 43251 48979 97630 42361 13138 31450 74950 68195 99687
42379 08696 59487 87449 62380 86204 66966 01969 40788 90957
34390 42407 49736 93176 44376 25449 35504 64608 39507 83566
50646 33454 05320 16973 86139 08326 65849 56075 58542 91133
06927 75376 84878 52997 70601 14605 48511 06294 99531 000 000

9314/10714/11414 kHz, 24-05, 0500/0520/0540 UTC

374 374 374 1 447 113 447 113
74320 35284 22318 88686 55306 77655 74827 26365 81883 10104
46330 02521 37489 38574 39873 76982 98008 33621 10658 76342
56160 92098 30674 16865 25155 85073 62581 89604 24777 18975
28973 00507 59903 56274 43288 48936 21820 92565 74606 44310
53450 30050 13480 18622 40590 01047 00721 71236 95336 61943
24136 06589 56234 79355 82448 62298 10351 58872 08553 02275
05432 53555 42824 87971 32848 93398 52704 77953 37065 96235
47174 03719 69788 75288 95554 75775 82517 81883 33132 33275
04139 28674 30869 59368 65886 25941 18825 60555 63638 23524
25718 40356 22914 86240 86709 21134 45999 09033 15904 10110
60997 94384 64782 68493 38236 42026 90956 65636 38667 51273
69529 10664 57485 000 000

16113/15813/14823 kHz, 24-05, 1600/1620/1640 UTC

188 188 188 1 9487 130 9487 130
28127 19091 74789 50978 79352 22751 70340 45334 88192 56634
58467 49600 64691 15886 29970 48811 33974 18769 93865 19361
31699 26096 35187 55542 63590 30396 47865 23249 29576 12824
04156 22734 96329 91949 05563 01095 55498 94362 53660 09974
50978 86519 51404 29505 76434 65798 57482 27723 20342 76008
89385 07317 29753 52896 99062 36026 66700 06346 34868 82272
51162 96565 24481 64877 93210 88847 98495 71160 48077 62269
80997 41362 59482 03975 37042 45754 97917 21685 75187 75373
90933 69589 26716 05871 02477 11898 28091 30712 09027 67403
55137 07529 93666 56221 94731 08375 00420 69836 06511 21557
91639 57182 40986 77877 25432 64923 38970 54338 78213 48367
71634 89482 00869 19239 84116 42500 38181 83532 14844 28937
53053 33059 58157 46255 81786 52130 56756 99079 63865 04413
000 000

13426/12126/10226 kHz, 25-05, 0210/0230/0250 UTC

412 412 412 1 8595 180 8595 180
53232 20940 49256 52462 71106 43700 94566 69081 76850 48375
59866 54621 57827 58988 29173 09819 84973 75129 35028 64746
86991 56466 54703 53874 80667 04120 53929 35761 58392 77951
41108 35485 28040 10687 22369 42444 46244 56623 10672 38178
55318 27432 17858 56692 47262 08595 95219 43158 47292 21319
22143 68862 73919 91664 95594 57526 24190 27910 98525 40105
91012 57907 34766 87155 22735 92335 93655 24295 17785 02860
86020 98426 74430 44165 59611 37905 65333 07786 90103 37228
06437 12322 61135 90026 31888 61516 93990 98120 68412 31131
19836 85267 60205 61949 31544 10151 62128 82506 62217 13822
89446 92815 89526 06296 76650 02924 51296 79022 38004 16468
80184 05527 30812 01725 22991 80156 10436 13249 63570 64363
13093 89223 38021 54630 56966 22403 01046 36484 46583 03436
82110 55906 68829 68659 98469 17386 64251 71902 55319 06871
60120 72246 25907 02159 56919 61933 31300 05638 63595 70562
13511 68955 17067 63745 59422 86780 22801 11934 31726 05087
99406 77331 47694 50236 32488 96185 35043 37015 44559 96215
31341 93530 58079 65944 65309 81041 44423 47307 98073 26503
000 000

13423/12123/11123 kHz, 26-05/28-05, 0700/0720/0740 UTC

411 411 411 1 9114 24 9114 24
07917 22442 32027 26853 06386 81472 60153 68888 43156 12305
81266 49844 21327 10927 69002 13415 74299 56411 25167 08516
61069 77473 82673 70105 000 000

12162/11566/10711 kHz, 27-05, 1710/1730/1750 UTC

546 546 546 1 1517 106 1517 106
46098 44727 80736 46339 78605 19380 30753 06153 87437 08851
75464 69936 41814 83105 64700 03324 30773 75107 06788 79398
76893 27454 26693 43086 32025 07912 00447 62830 01565 39854
48425 56543 58223 12227 15676 16471 08478 25181 06405 19223
17572 92764 81722 64541 51306 50514 13149 32659 07442 88189
74817 03507 86622 59328 38041 76988 69617 75069 97571 31217
84896 94390 34720 80545 98728 52237 64709 11657 31056 50272
45767 97510 62923 96628 72902 87163 49413 06030 45541 01826
84084 15049 15885 67892 36224 26551 69994 09571 45548 90785
23993 21842 40532 26945 71078 70844 59708 20961 81157 49215
27328 12115 13395 53549 26226 50503 000 000

10183/9083/8083 kHz, 27-05/30-05, 2210/2230/2250 UTC

199 199 199 1 113 20 113 20
74348 91628 47923 73818 12970 27879 32455 26679 66310 97787
57864 18831 08153 08046 36932 84193 47631 29014 91607 20946
000 000

12162/11566/10711 kHz, 28-05, 1700/1720/1740 UTC

546 546 546 1 6233 106 6233 106
34546 53872 23107 91567 62454 28713 74368 44604 55066 92371
89875 09093 66644 70422 45512 12785 05005 76617 54667 89529
97146 24654 71243 16696 14347 09843 17595 23532 29070 42135
13658 54776 36212 05280 81263 13632 77582 81000 86879 67949
89227 00916 28348 50394 85182 12577 43144 84211 72847 03383
53001 27405 75242 86900 18276 67702 89631 03131 00254 19419
34382 71244 59387 89921 55689 06634 73518 36803 90786 17376
20193 88492 14997 23103 21882 57718 32872 61689 51872 40714
76333 01278 00319 95260 07308 02067 49560 68531 49898 47783
98114 93353 80694 05602 00855 18313 34238 58421 35903 42947
90762 99653 09119 38318 20488 50811 000 000

546 546 546 1 1995 111 1995 111
53946 58674 15562 00620 54607 42713 19462 19365 14744 11970
92062 06972 20433 11831 06079 06255 23004 88841 40632 00402
02560 22371 44319 99394 32426 00648 02234 98401 65037 06433
06459 78309 15990 22070 15378 82045 46207 47636 14419 05125
76732 52671 57845 53815 46608 60187 21897 89881 10921 36063
77970 19755 51809 49866 64004 47484 90549 51096 92326 02837
47397 27926 44806 46403 28907 41733 18110 17567 82821 43262
48895 58223 19694 62794 60735 00692 08109 39264 34335 86875
26315 30534 51392 28590 69141 26377 31940 45955 24919 11412
01968 24803 67750 32998 78938 20059 02247 22257 96828 56306
92524 11585 24312 44388 10318 00742 66999 87996 16304 43794
13524 000 000

317 317 317 1 3943 110 3943 110
26839 66163 55924 97835 24743 78260 02334 59710 87399 77888
61267 99401 73453 32688 90627 40745 90474 99754 65693 42766
51099 54982 81952 79604 35031 43692 23089 89488 49826 56176
56622 00785 28050 50053 74710 46776 71827 66869 82635 59220
46648 08428 42917 19874 82364 58454 43561 14437 71685 62464
51582 22093 14873 06306 65406 65508 34718 38749 84406 32854
99407 06415 67900 66790 29807 20432 46969 30748 63592 15409
75952 00325 92080 07316 68303 83975 66445 86439 36588 32782
32233 92814 61568 38632 32923 93429 56051 43016 67392 10895
56468 12003 67618 00044 98465 58091 84464 81460 13970 81202
00355 71702 22094 12960 86342 68766 46970 70817 74337 92928
000 000

317 317 317 1 2615 87 2615 87
33664 62661 54923 99637 83555 45347 96679 27603 45461 92442
51848 95083 88719 89877 97332 33796 87864 90284 53623 22520
99648 67925 32494 75408 41276 44751 84155 75607 09117 98779
32878 03046 24456 41597 49032 25970 41513 90127 35722 74740
88284 89540 87904 63613 61856 81510 35122 29489 68476 51212
65107 40549 20835 56581 97440 99064 32277 69439 62665 39993
44873 06016 54761 47278 46843 90564 03271 70326 01496 12068
92874 80188 11532 73999 09507 11597 44649 17649 70721 45328
63614 80559 52103 31307 87703 72507 89642 000 000

523 404 404 33 33 = =
 35213 90987 60755 45321 85213 40890 46744 55522 34512 00098
 55511 67845 06780 40404 37213 05634 69734 37085 30340 50562
 23341 25674 75546 60982 63312 93906 58944 30978 11324 14580
 21352 61119 84120
 = = 404 404 33 33 00000

523 404 404 33 33 = =
 35213 90987 60755 45321 85213 40890 46744 55522 34512 00098
 55511 67845 06780 40404 37213 05634 69734 37085 30340 50562
 22222222222222222241 23345 25674 75546 60982 63312 93906
 58944 30978 11324 14580 21352 61119 84120
 = = 404 404 33 33 00000

4890 kHz, 03-05, 2300 UTC, MCW

4760 kHz, 04-05, 0000 UTC, MCW

617 404 404 33 33 = =

35213 90987 60755 45321 85213 40890 46744 55522 34512 00098

55511 67845 06780 40404 37213 05634 69734 37085 30340 50562

23341 25674 75546 60982 63312 93906 58944 30978 11324 14580

21352 61119 84120

= = 404 404 33 33 00000

16347 kHz, 10-05, 0930 UTC

14878 kHz, 11-05, 0930 UTC

617 204 204 198 198 = =

72831 02592 06914 82646 80177 47121 51061 58657 37052 77947

74079 54557 06357 73422 92338 88987 58451 09903 90461 14542

34394 56141 00069 57648 63704 52190 95024 80507 88181 54623

72330 93621 09428 76266 17021 86936 09384 04052 17466 74482

78490 11311 82524 04553 52229 78581 52722 39484 13923 34547

89599 23199 91768 99176 42258 38363 06073 82495 51978 49512

46325 85312 03469 88677 66570 95024 79861 61356 05975 92129

71960 35463 38284 93248 17411 52087 03813 29261 95826 68111

78254 55059 49061 86459 28789 02014 62447 07114 06178 27241

61028 47730 13349 29593 08591 50478 90718 59598 79305 41370

52108 64728 69319 40220 36484 43287 78571 13097 44990 77150

79252 09716 98834 84421 97315 66233 48026 21446 36752 71711

53859 50601 00991 24223 55024 44417 46064 27499 28470 93229

82826 61146 89123 45895 08233 95749 83232 88098 63065 39097

03461 91286 91808 17877 12734 15902 03772 49647 81568 15916

39842 03267 08063 99172 09599 12931 55760 38684 39498 33128

09496 97394 74063 48686 26377 02857 73082 33205 22368 92422

82131 14178 91093 76688 03829 55342 69743 55369 83012 68460

89860 25878 47300 64810 73917 76803 98545 89468 78346 10414

19689 69530 61606 26243 93432 09615 86408 40630

= = 204 204 198 198 00000

4890 kHz, 10-05, 2300 UTC, MCW

4760 kHz, 11-05, 0000 UTC, MCW

May contain errors as both transmissions were barely audible

617 404 404 33 33 = =

60945 70231 40431 70936 85237 06780 30789 46523 78241 04522

00945 60670 50548 40782 50789 00113 22845 19231 20790 93902

55522 65432 12345 74522 99959 77788 45238 91235 17010 18350

12345 54321 97765

= = 404 404 33 33 00000

6856 kHz, 12-05, 1820 UTC

163 505 505 33 33 = =

60945 70231 40431 70936 85237 06780 30789 46523 78241 04522

00945 60670 50548 40782 50789 00113 22845 19231 20790 93902

55522 65432 12345 74522 99959 77788 45238 18920 18350 12498

60323 47800 81362

= = 505 505 33 33

5938 kHz, 13-05, 1920 UTC

417 505 505 33 33 = =

60945 70231 40431 70936 85237 06780 30789 46523 78241 04522

00945 60670 50548 40782 50789 00113 22845 19231 20790 93902

55522 65432 12345 74522 99959 77788 45238 18920 18350 12498

60323 47800 81362

= = 505 505 33 33

4730/4650 kHz, 16-05, 0800/0900 kHz, MCW

523 404 404 33 33 = =
 60945 70231 40431 70936 85237 06780 30789 46523 78241 04522
 00945 60670 50548 40782 50789 00113 22845 19231 20790 93902
 55522 65432 12345 74522 99959 77788 45238 91235 18920 18350
 12345 54321 98765
 = = 404 404 33 33 00000

4730/4650 kHz, 23-05, 0800/0900 kHz, MCW

523 200 200 33 33 = =
 60945 70231 40431 70936 85237 06780 30789 46523 78241 04522
 00945 60670 50548 40782 50789 00113 22845 19231 20790 93902
 55522 65432 12345 74522 99959 77788 45238 18920 18350 12498
 60323 47800 81362
 = = 200 200 33 33 0000

6856 kHz, 26-05, 1820 UTC

163 505 505 33 33 = =
 60945 70231 40431 70936 85237 06780 30789 46523 78241 04522
 00945 60670 50548 40782 50789 00113 22845 19231 20790 93902
 55522 65432 12345 74522 99959 77788 45238 18920 18350 12498
 60323 47800 81362
 = = 505 505 33 33 00000

4730/4650 kHz, 30-05, 0800/0900 kHz, MCW

0800 UTC: VERY poor signal. Long pauses and restart at 0808 UTC with a better signal

523 144 144 33 33 = =
 12579 45890 32157 35231 24680 87431 13579 53467 21457 87641
 67676 12457 08642 12560 09764 34670 87542 43432 14146 07411
 12367 09876 54321 12890 09216 34670 01928 89347 14570 56900
 76678 54546 12213
 = = 144 144 33 33 00000

M21 - Russian Air Defense Forces (Во́йска ПВО Voyska PVO)
4791 kHz, 11-05, 1553 UTC

=18000440746953
 =18000440746953
 =991903??0?????
 =170044849555
 =17008400849555
 =991904??0?????
 =991905??0?????
 =17000440849556

6793.5 kHz, 11-05, 1627 UTC

=991927??8?????
 =991928??8?????
 =991929??8?????

3185//6421.5 kHz, 11-05, 1729 UTC

=992029??8?????
 =992030??8?????
 =992031??8?????

5221.5 kHz, 12-05, 1758 UTC

=992058??0?????
 =992059??0?????
 =992100??0?????

3247.5 kHz, 11-05, 1748 UTC

=992057??0?????
 =17000113042949
 =992058??0?????
 =992059??0?????
 =17000113042951
 =992100??0?????
 =992101??0?????
 =992059??0?????
 =17000113042951
 =17000113041553
 =17000113041553
 =4700070004????
 =992103??0?????

4791//7249 kHz, 13-05, 0529 UTC

=990827??0?????
 =990828??0?????
 =990829??0?????

4811 kHz, 15-05, 1530 UTC

=991830??8?????
 =991831??8?????
 =991832??8?????

5431kHz, 16-05, 0938 UTC

=99?1238?9?????
 =99?1240?9?????
 =99?1242?9?????

6440.5 kHz, 16-05, 0945 UTC

=991245??0?????
 =991246??0?????
 =991247??0?????

4811 kHz, 16-05, 1429 UTC

=13401966787530
 =991730??8?????
 =13402966785630
 =13403109481630
 =13404109482930
 =13405109483630
 =234030701070718
 =23404701070018
 =24405701070721
 =991731??8?????

M41 - Russian Air Defense Forces (Во́йска ПВО Voyska PVO)

5649 kHz, 12-05, 1818 UTC, i.p.

TWAU TWAU
7229587604949200017
722194959045895731287206018
722194960076567491287211018
722961076218252018
722962076817786019 AR

5379.5 kHz, 13-05, 1644 UTC, i.p.

9669265203142
9669265203243
9669265203244
9669265203345
9669265231846
9668083987447

8017 kHz, 13-05, 1700 UTC, i.p.

SUEO SUEO SUEO SUEO AR

4844.3 kHz, 13-05, 1723 UTC, i.p.

9669 081381923
9669182381824517
96691100511700
9669082905525 //5379.4 kHz

5276.5 kHz, 15-05, 1235 UTC, i.p.

993908329336
99390883823333334
9939088323340 192

5379.5 kHz, 16-05, 0705 UTC, i.p.

082 37 52 10 K 50177180511
800008500 082 375210 000
51077180511
8008500 082 37 59 01
8500082 3757 02
8500 3203
8500082 173804
850008210 05 518 7180511
8008500082174206
85000821743
8500083248108

4911.5 kHz, 16-05, 1718 UTC, i.p.

L2PA L2PA
72219585040881259161700001810 AR
9754268239816 9754268239218
97542682393811000

4024.2 kHz, 17-05, 0638 UTC, i.p.

WTFP 0084410 83809 20517
850071805
RPT 0084410 83809 20517 850071805
8500441278924
8500441271625 517
85007180511800
8500441371326 527
8500442479528
8500442474829

5734.5 kHz, 18-05, 0550 UTC, i.p.

9993031153548
9993031153550 1929992
993031153551
K66E ZZV ZFK ZID K66E AR
VVV VVV
9993031153552
9993031161754
517999391405111000
517999391405111100
9993031161756
993031161757
9993031161758

4959 kHz, 20-05, 0719 UTC, i.p.

VVV VV VVV VVV
990403146 1420 517
99044154511450

5898.8 kHz, 24-05, 0702 UTC, i.p.

RPT 0037163810000517
850071805118
8500037161602
8500037153503
85003753704 517850
8500037153704517
85007180 EEEEE 511 800
8500037152605
8500037151506

M51a / M51b

M51b: 3881//6825 kHz, 20-05, 1415 UTC

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

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

GBCHX WNQJZ AKOLQ PMAIJ NBCVX GSHQJ BXJTG ERZUA QIKLA PMQJK
IKHNG 23401 HBCJD SUJET ZUJQH AOLQP MQNHB WJUTF CJDGR UJDOL
QPAU DJSL S WBGCN JHDGX VGDUR HD FCV 74638 UJDGS WJNQU PMAKD
XLQUH FGCRZ SGQHA WKQJU YGHST 46329 OLDHC XBQKA UJQKL IKHNF
CVSGZ WHQYA BWHDT QJA IK QLMAP JGHDT VXHSY ZUHSQ JWNHZ KLQPM
HNDJS WVXBD QHAUJ TGDUR SJQKI 30187 HBCJF XJQKI HBWGD

GVXHS WNQHA IKDLS MWPZY DGS HA NWJDU DGRUJ WKLSP NJWKE UJSHZ
OKHJD BXHRT 36271 IUJFG CBSJZ WHNSL KOLWM AUJDG XBCFV WHNSK
OLMQH AYHDG XVCFD BWJZU XIDKC XKJDU HNDIC VPMRY 65378 KLSGQ
WNBBDH XVCUR CIKDL PMSVR XVCHF YHFKS ZUYHS 56372 BWVDY IKDHY
XBCJS GBWJZ UJWKL JKDBV YHCIR YHXVF GBFYR DFSCZ UJVFC FVCHD
FKSLR WCX FV HNFLA PHFCT WVXHZ QJHAU 67354 BXHDY WBXHZ GFCUJ
SHRTE CJGUH 10964 GBCHS WBXUY TGDJZ 652/3 BXHSJ WKAPL PMDHV
BXGRT DFXCS JNCGV YHXJZ JWKA O KLWUY HNCRD XVCHZ YHWJZ PLGCV
TGXLA PMWJD WFGRT CJSIZ WNXGD YHDGV 64829 IKFHC BXHDL VH DUJ
VCXGR YHSPA PKLDU LWJDY GHFUC VXYRT DGSHZ LKFHT KHDYT XVDJK

UJDKX VBDJZ WNSHQ XVDKA OLQLP OKHNC VHFUR SHNXJ WVXHZ JSKZI
OLDJH VCJSU ZYDFS WBXJS 37281 KJNCG TGDHS 7359/ JNWSK YHDKS
OLSJU YHSPL WNDHZ CIAHV XVCGR AIKSP LIJFT 52847 GBWCV VCHFP
AIKDM SJWNX KAUJD L SORV CHFDZ WHNSJ AIKDP MIKJY HBFV LDFCV
XBSKZ 63829 UJSLA BWJRY FLQPA MLJIT CHFUZ SBXJS UJQKA ZNWHF
YHDKZ SHXVC YHZKQ WBXJZ 53826 ZUJDL NBXJD YHAPS XVCJF 18548

YHDIK XBCKS ZUHDK WNXKZ KIOSL HNWJS THZLP WBXKS YHDGV UJSKZ
VXYRP SJXLZ WNXKF CJSUR CKSUZ WHNCP LXIET DGSUZ 36528 NBCVX
UJSKA ZUSFC XVXVX HNXJS IKWLZ OPAJB GVFBH JSYRT FGCJS KJDGS
6382/ JNCJD XYHRI SJZIS /4637 XHNDJ SKAPL YHDUT JKDGC BXNQK
YTSHA WBXJM XKLDU LDLDU BCHVN GBCJR XVCHU TIGLD UJDKZ 65382
BWJSU AKSLQ WPETD GVXJD JSKZI JDHCV XNSKZ

GDJSF WHQGF XVCHR LAHJD XJHDG QLAMO MAJKF YHDJS WBSKA UJDHS
LAPMD WJNXV DGRTS AUJDK 56287 WBCJD AJHDU 78352 WBXVC YHDGS
WBXLA PMQKU YHDKQ LAPOI BXNWJ THSUZ QHAGU JDKSI 67389 UJDHS
YHLPA WJQKA MLGHD JQKYH XVWOL YHSJE 63528 HNXJD SKZUA PMAJG
JOALK XNBWJ SJHQL MAPKI HDJRT SGDFX MQPAU 56483 GVXHS WBSJZ
IKAGH WBHDL AOKSH QMAPH WBXHR SHZYA 67382 VWBXH SJZUA QJAHG

VBCHD WJSYZ JKAOL JNXCD GCHAI WBNDH AOLDP JKSM A HJWKS HDGRY
MLJKI HJDLZ UJSGX VCDGR YUZKS WKAOL 63826 UJDKS BXNRY AKSLP
LKDHC VXKSU YZHSK QLAPM JKDLB NXJRT 63820 17362 XNDJZ WKQLA
PGHFV CLPEU DJSKA LWNXI UJFLB NCKFU ZIKDP SMZUH 29463 WBSJZ
LFHDV CBXYR SJAPJ NWKDP SKQIL ZUJDG XBSHZ UJSKZ WVXYT HDKAU
LKFHC VXBDT VPAKD JNXLS WBXYR DGZIJ 37284 TGDJX BSJZU WNXHZ

etc. etc. etc.

M89 - Chinese Military

4829 kHz, 26-05, 1210 UTC, exercise i.p.

3CB2 DE FT5M K

R QSA 2 QSA ?

R IEC = SYJU AR K

R IEC = SYJU AR K

R U WK NR ?

R AS

VVV DLJ3 DE FT5M K

R QSA 2 QSA ? (1233z)

R IEC = HTGB AR K

R U WK NR ?

R AS

VVV 7D3E DE FT5M K

R QSA 2 QSA ?

R IEC = SWXS AR K

R U WK NR ?

R AS

VVV 2UB8 DE FT5M K

R QSA 2 QSA ?

R IEC = MC9E AR K

R U WK NR ?

R AS

VVV 4S7F DE FT5M K

R QSA 2 IEC = 18AP AR K

R AS

VVV JU86 DE FT5M K

R QSA 2 IEC = 9ZR8 AR K

R U WK NR ?

R AS

VVV 3KMJ DE FT5M K

R QSA 2 QSA ? K

IEC = 182W AR K

R U WK NR ?

R AS

FFF NR 1211/EX 2042 =

M4L3/D5H0 AR

NR 1211/EX 2042 =

M4L3/D5HO AR
 NR 1211/EX 2042 =
 M4L3/D5HO AR
 VVV
 3CB2 DE FT5M K
 R QSL ?
 R AS
 VVV DLJ3 DE FT5M K
 R AS
 VVV 7D3E DE FT5M K
 R AS
 VVV 2UB8 DE FT5M K
 R AS
 VVV 4S7F DE FT5M K
 R AS
 VVV JU8B DE FT5M K
 R AS
 VVV 3KMJ DE FT5M K
 R AS
 HR 7G GA (1249z)
 NR 1212 CK 61 34 0526 2030 RMKS CQ = =
 A5U7 5TU7 3NU6 6T74 35TN ND3U 6743 D6AT A7DN 36NU (Cont'd)

M95 - Chinese Military

4243//9054 kHz, 01-05, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 01-05, 1150 UTC, M95: CW. Repeating the same messages

4243//9054 kHz, 01-05, 1234 UTC, V26: USB. Voice transmission. Repeating the same messages

VV HR MSG TO YR PSE CY

NR 02 CK 1

TT 3U6 3A...

AR 7G AGN

NR 02 CK 197 35 0501 1555 =

UTU TTA 3U6 3A4 TTU 773 35A N3. 353 ...

AR A HR 7G GA

NR 086 CK 18 35 0501 1608 =

UT5 TTA 3U6 3A4 TTA TTU TT3 773 35A U4T

353 36U 4AD 446 336 467 4D4 3DU AR

7G AGN

NR 086 CK 18 35 0501 1608 =

AR A HR 7G GA

NR 059 CK 61 35 0501 1619 =

5AA UTT TTA 3U6 3A4 5T7 5TD 75U 353 N3D ...

AR 7G AGN

NR 059 CK 61 35 0501 1619 = (Repeats message)

AR A HR UP SB WK

4243//9054 kHz, 09-05, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 09-05, 1151 UTC, M95: CW

VV HR MSG TO YR PSE CY

NR 075 CK 62 35 0509 1612 =

5AA UTT TTN 3U6 3A4 5T7 5TD 75U 354 N3D (Cont'd)

AR 7G AGN

NR 075 CK 62 35 0509 1612 = (Repeats message)

AR A HR 7G GA

NR 18 CK 206 35 0509 1620 =

UTU TTN 3U6 3A4 TT7 773 354 373 N3D (Cont'd)

4243 kHz, 09-05, 2343 UTC, Q26: 4+4 QPSK 75/3000 LSB

4243 kHz, 09-05, 2351 UTC, M95: CW

4243 kHz, 09-05, 2357 UTC, V26: USB. Voice transmission. Repeats Q26/M95 messages

VV HR MSG TO YR PSE CY

NR 02. CK 15 35 0510 0618 =

UT5 TAT 3U4 3A4 TTA TTU TT3 773 356 4AN

446 33. 467 4D3 3DU AR A HR 7G GA

NR 076 CK 39 35 0510 0631 =

5AA UTT TAT 3U4 3A4 5T7 5TD 75U U56 DN7 (Cont'd)

AR A HR MSG GA

NR 19 CK 094 35 0510 0706 =

UTU TAT 3U4 3A4 TTU 773 35A N3D 353 336 (Cont'd)

AR A HR UP SB WK

4364//8073 kHz, 09-05, 1134 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 09-05, 1137 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

NR 0374 CK 166 35 0509 1617 =

TTN 3U6 3AN 3U7 TAU 773 353 35N (Cont'd)

4243//9054 kHz, 11-05, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Message

4243//9054 kHz, 11-05, 1150 UTC, M95: CW

VV HR MSG TO YR PSE CY

NR 079 CK 47 35 0511 1527 =

5AA UTT TAA 3U6 3A4 5T7 5TD (Cont'd)

AR A HR MSG GA

NR 22 CK 231 35 0511 1615 =

UTU TAA 3U6 3A4 7TU 7TA NU6 4T3 736 777 (Cont'd)

4364//8073 kHz, 11-05, 1133 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 11-05, 1137 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

A HR MSG PSE CY

NR 0378 CK 181 35 0511 1608 =

TAA 3U6 3AN 3U7 TAU 773 357 363 373 4T3 NN3 (Cont'd)

4243//9054 kHz, 18-05, 1146 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 18-05, 1152 UTC, M95: CW

Note by JPL: Recently 9054kHz has not been heard. It now appears that the transmitter for 9054 transmits for a short while, then goes off the air. Transmits for approximately 7 seconds, then silent for 14 seconds. Makes you wonder how anyone can receive a message this way...

VV HR MSG TO YR PSE CY

NR 093 CK 68 35 0518 1528 =

5AA UTT TAD 3U6 7TA N44 3A4 5T7 5TD 75U (Cont'd)

AR MSG AGN

NR 093 CK 68 35 0518 1528 = (Repeats message)

AR A HR MSG GA

NR 36 CK 245 35 0518 1600 =

UTU TAD 3U6 3A4 7TU 7TA NU6 7UD 777 (Cont'd)

4243//9054 kHz, 22-05, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB sending messages

4243//9054 kHz, 22-05, 1148 UTC, M95: CW

VV HR MSG TO YR PSE CY

NR 002 CK 31 35 0522 1545 =

5AA UTT TUU 3U6 3A4 5T7 5TD N43 5TN N43

5AA 7.U 353 N3D 354 374 DN7 35T 4TN 447

3D3 336 N3U 446 3DU 33U 34A N3U 447 3D3

4DD AR

A HR 7G GA

NR 44 CK 170 35 0522 1552 =

UTU TUU 3U6 3A4 TTU 773 354 N35 374 DN7 (Cont'd)

4243//9054 kHz, 22-05, 2340 UTC, V26: USB. Callup in Chinese

4243//9054 kHz, 22-05, 2342 UTC, Q26: 4+4 QPSK 75/3000 LSB sending messages

4243//9054 kHz, 22-05, 2347 UTC, M95: CW

VV HR MSG TO YR PSE CY

VV HR 7G TO YR PSE CY

NR 057 CK 25 35 0523 0613 =

UT5 TU3 3U4 3A4 TTA TTU TT3 773 357 34U

N3U 373 36U 4AD 336 N3D 4A5 446 TT3 773

34A N3U 467 4D4 3DU AR 7G AGN

NR 057 CK 25 35 0523 0613 = (Repeats message)

AR A HR 7G GA

NR 003 CK 31 35 0523 0643 =

5AA UTT TU3 3U4 3A4 5T7 5TD N44 5TN N44 (Cont'd)

AR 7G AGN

NR 003 CK 31 35 0523 0643 = (Repeats message)

AR A HR 7G GA

NR 45 CK 115 35 0523 0705 =

UTU TU3 3U4 3A4 TTU 773 354 N35 374 34A (Cont'd)

4364//8073 kHz, 22-05, 1130 UTC, V26: USB. XSV85 clg BNGC. Chinese voice

4364//8073 kHz, 22-05, 1133 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages to BNGC

4364//8073 kHz, 22-05, 1141 UTC, M95: CW. Repeat of Q26's messages

V BNGC (x3) DE XSV85 (x2)

A HR MSG PSE CY

NR 0412 CK 349 35 0522 1617 =

TUU 3U6 3AN 3U7 TAU 773 354 N3D 353 367 (Cont'd)

4243 kHz, 23-05, 1148 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 23-05, 1150 UTC, M95: CW

VV HR MSG TO YR PSE CY

NR 059 CK 31 35 0523 1612 =

UT5 TU3 3U6 3A4 TTA TTU TT3 773 354 37U

D7N 374 N3D 35U 36U 4UT TT3 773 4AD 345

N3D 4TA 446 TT3 773 467 4D4 33U N3D 4D6

3DU AR A HR 7G GA

NR 46 CK 195 35 0523 1627 =

UTU TU3

3U6 3A4 TTU 773 354 N3D 353 4TA (Cont'd)

4364 kHz, 23-05, 1137 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364 kHz, 23-05, 1142 UTC, M95: CW

05 V BNGC (x3) DE XSV85 (x2)

HR 7G GA PSE CY

NR 0414 CK 297 35 0523 0548 =

TU3 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 (Cont'd)

5600 kHz, 26-05, 1257 UTC

7G NR .95 F CK K

7G NR 0.5/CK CKM E

7G GA MSG EEEEE

MSG GA NR 095/CCK CK DA ..F 004 RMKS

MSG GA NR 095/CCK CK DT 4UT.6UT.7 RMKS 3081 TO 3050 3052 TO 3023 TO 3001 K K

R GA K (Both stations on this frequency)

7G 1P = = .A3T 7DENU 737. N37. (Cont'd)

8073 kHz, 26-05, 1137 UTC

BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0421 CK 194 35 0526 1602 =

TU6 3U6 3AN 3U7 TAU 773 357 35N 374 4AA (Cont'd)

DIGITAL MODES

HM01 - Dirección General de Inteligencia

The groups and files from 3 April were repeated throughout the month.

Groups: 01441 68532 35731 30038 48409 70208

Files: 17550144.TXT
50026853.F1C
14623573.TXT
43453003.TXT
13804840.TXT
50087020.TXT

10345 kHz, 01-05, 0700 UTC	Should be on 9330 kHz. Changed freq at 0736z
10345 kHz, 18-05, 0700 UTC	Should be on 9330 kHz
10345 kHz, 18-05, 0800 UTC	Should be on 9065 kHz. Changed freq at 0807z
9065 kHz, 18-05, 0900 UTC	Should be on 9240 kHz. Changed freq at 0910z
9240 kHz, 18-05, 1000 UTC	Should be 9155 kHz. Changed freq at 1007z
11635 kHz, 27-05, 2200 UTC	Should be on 10715 kHz. Moved at 2004 UTC

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

M42 – various modes

16277 kHz, 07-05, 1349 UTC, MFSK	
11450 kHz, 19-05, 0915 UTC, MFSK-66	
11140 kHz, 20-05, 0727 UTC, CW	RGG wkg UCC: QSY 12103
12103 kHz, 20-05, 0733 UTC	UCC wkg RGG: QSY 11552 QSO QRU NIL SK

M42a – GRU HFDF-net

Note: Ä is the Russian letter Yakov, pronounced as "Ya". In Cyrillic it looks like this: "Я"

RTTY: Baudot ITA2 50/500

10436 kHz, 12-05, 1251 UTC, CW	39158 Ä 21489 Ä 51656 K Ä Ä Ä Ä Ä K K
10436 kHz, 13-05, 1247 UTC, CW	VVV VVV QSA3 K
11997 kHz, 13-05, 1258 UTC, CW	NW 04538 63656 35812 Ä Ä Ä RPT 2 K
10415 kHz, 14-05, 0841 UTC, CW	VVVV VVVV QSA3 K NW Ä 42255 21878 20513 K Ô Ä Ä K
9802 kHz, 16-05, 0744 UTC, CW	QSV QSV K ? ? Ä Ä
9802 kHz, 20-05, 0744 UTC, CW	QSV QSV K ? ? Ä Ä
9543 kHz, 20-05, 0730 UTC, CW + RTTY	Message in RTTY and opchat in CW: VVV VVV QSA3 K
10415 kHz, 24-05, 0537 UTC	VVV VVV QSA 3 K K

M42b – FSK 50/500

Operator chat in CW and messages are sent in Baudot ITA2 50Bd/500Hz

6993 kHz, 12-05, 0553 UTC	SFDZ wkg outstation. Opchat in CW: QRU NIL QRX AR
9070 kHz, 12-05, 0600 UTC	RPK wkg outstation: QSY 7385 QSY 11455
7311 kHz, 12-05, 0731 UTC	AL9N wkg GSXL: QTC1 K = 101 50 12 0735 1783 K. RPT 66872 53021 53101 ... CFM NIL SK
5418 kHz, 12-05, 0820 UTC	MUNO wkg PULK: QTC1 ZTH 182 130 12 0820 8739 K (QX on 5846 kHz)

2752 kHz, 12-05, 1811 UTC	PGUN wkg KU8I. RTTY message and opchat: QRU NIL SK
6993 kHz, 13-05, 0539 UTC	FDZ wkg outstation. RTTY message and opchat: QRU NIL QRX AR
5299 kHz, 15-05, 1444 UTC	PSDG wkg FANV: QSA NO QSY 90040
9091 kHz, 15-05, 1535 UTC	KVIC wkg PMFD: QSY 19497
5857 kHz, 16-05, 0550 UTC	LXMT wkg L5XS
5425 kHz, 16-05, 1435 UTC	K5LW wkg FI8R (QSX on 5070 kHz)
7337 kHz, 19-05, 0816 UTC	RChUA wkg GKNM
7708 kHz, 20-05, 0512 UTC	MFJQ wkg YDEW
7337 kHz, 20-05, 0814 UTC	RChUA wkg GKNM
7708 kHz, 24-05, 0509 UTC	MJFQ wkg YDEW
7337 kHz, 24-05, 0815 UTC	RchUA wkg GKNM
7978 kHz, 25-05, 0508 UTC	YDEW wkg MJFQ

6776 kHz, 03-05, 0619 UTC, CW + Baudot ITA2 50/500

Opchat in CW:
GX7N GX7N GX
QSA3 QSA?
OK ZSY SLV K
BK QRV K K
R 4120 623 K
OTC1 ZYC ZVP SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
048 100 03 0620 5219 =
25617 78291 28712 27810 65856 65721 74650 65438 23411 76621
46579 94721 47672 36871 85621 56712 43509 46621 23678 00052
34667 34657 46874 46585 55571 88809 90845 35123 67436 54709
01623 23556 06763 46142 45236 47839 27812 97206 47231 12345
54321 56909 34522 55562 73412 98250 50678 80940 56892 54378 =50=
76534 65409 75643 53467 65784 68754 45670 46780 67098 46577
36214 67350 05621 57872 24561 13245 56712 85632 67906 60606
78432 26435 56808 65833 44412 55589 68910 56980 23567 65409
65470 00789 00044 34845 54362 87456 65478 78912 86409 30978
35641 76453 46750 76540 75643 65344 56345 56344 65346 70789

CFM NIL K
SK SK

6776 kHz, 04-05, 0619 UTC, CW + Baudot ITA2 50/500

Opchat in CW:
VVV
GX7N GX7N GX7N DE TIGR TIGR
QSA4 QSA? K
QRU
BK QRV K
RPT K K
BK BK BK R 41X0623 K
QTC1 ZZZ K

RYRYRYRYRYRYRYRYRYRYRYRYRY
401 100 04 0620 4521 =
05617 78291 28712 27810 69856 65721 74650 65438 23411 76621
46579 94721 47672 36871 85621 56712 43509 46621 23678 00052
34667 34657 46874 46585 55571 88809 90845 35123 67436 54709
00623 23556 06763 46142 45236 47835 27812 97206 47231 12345
54321 56909 34522 55562 73412 98250 50678 80940 56892 54378 =50=
76534 65409 75643 53467 65784 68754 45670 46780 67098 46577
30

6776 kHz, 09-05, 0609 UTC, CW

VVV VVV V
GX7N GX7N GX7N DE TIGR TIGR K
GX7N GX7N GX7N DE TIGR TIGR K
GX7N GX7N GX7N DE TIGR TIGR K
GX7N GX7N GX7N DE TIGR TIGR K
QSY 53317 QSY 53317 K
QSY NO QSY 53317 QSY 53317 K

6776 kHz, 10-05, 0620 UTC, CW + Baudot ITA2 50/500

Opchat in CW:
VV GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QRU? K
OU ZVP K
BK QRV K K
R 4406 23 K
QTH1 ZZF K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
101 100 10 0645 4521 =
25617 78291 28712 27810 69856 65721 74650 65438 23411 76621
46579 94721 47672 36871 85621 56712 43509 46621 23678 00052
34667 34657 46874 46585 55571 88809 90845 35123 67436 54709
00623 23556 06763 46142 45236 47835 27812 97206 47231 12345
54321 56909 34522 55562 73412 98250 50678 80940 56892 54378 =50=
76534 65409 75643 53467 65784 68754 45670 46780 67098 46577
36214 67350 05621 57872 24561 13245 56712 85632 67906 60606
78432 26435 56808 65833 44412 55589 68540 56980 23567 65409
65470 00789 00044 34845 54362 87456 65478 78542 86409 30978
35641 76453 46750 76540 75643 65344 56345 56344 65346 70789

CFM NIL K SK

6776 kHz, 11-05, 0619 UTC, CW + Baudot ITA2 50/500

VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA3 QRU? K
OK ZVP SLV K
BK QRV K K
R 44906 23 K
QTC1 ZZC ZVP SLD K

RYYRY
278 102 11 0620 5071 =
16546 46584 76456 45768 14248 67853 18954 97641 14680 58432
54674 67455 46756 76545 76546 34564 12345 76589 74567 86758
76545 46756 64756 47656 67576 75646 56347 46576 78956 34125
56756 43524 67589 31244 64576 56347 78967 12345 67854 12309
67545 23437 12344 56476 34567 78968 65476 63547 12344 76549 =50=
65744 34564 65437 12344 78676 12345 09787 64576 65437 21349
31244 65431 67585 12338 76545 97868 64565 12343 89734 12347
64574 13289 64512 64578 12358 12345 78697 46531 45678 98760
63453 34125 76545 34127 76897 31254 78695 32187 65348 45639
76454 13256 67890 12367 67890 45635 12346 56347 75647 23419 =100=
53478 23108

CFM NIL K SK SK

6776 kHz, 14-05, 0622 UTC, CW + Baudot ITA2 50/500

Opchat in CW i.p.
QTC1 ZZC K

RYYRYRYRYRYRYRYRYRRYRYRYRYRY

141 100 14 0620 4541 =
25617 78291 28712 27810 69856 65721 74650 65438 23411 76621
46579 94721 47672 36871 85621 56712 43509 46621 23678 00052
34667 34657 46874 46585 55571 88809 90845 35123 67436 54709
00623 23556 06763 46142 45236 47835 27812 97206 47231 12345
54321 56909 34522 55562 73412 98250 50678 80940 56892 54378 =50=
76534 65409 75643 53467 65784 68754 45670 46780 67098 46577
36214 67350 05621 57872 24561 13245 56712 89612 86150 66066
78432 26435 56808 65833 44412 55589 68540 56980 23567 65409
65470 00789 00044 34845 54362 87456 65478 78542 86409 30978
35641 76453 46750 76540 75643 65344 56345 56346 69146 70789

CFM NIL SK

6776 kHz, 16-05, 0621 UTC, CW + Baudot ITA2 50/500. QSX 5897 kHz

Opchat in CW:
GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QRU? K
R 468 0 623 K
BK ZZC K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRY

207 100 16 0620 2785 =
25617 78291 28712 27810 69856 65721 74650 65438 23411 76621
46579 94721 47672 36871 85621 56712 43509 46621 23678 00052
34667 34657 46874 46585 55571 88809 90845 35123 67436 54709
00623 23556 06763 46142 45236 47835 27812 97206 47231 12345
54321 56909 34522 55562 73412 98250 50678 80940 56892 54378 =50=
76534 65409 75643 53467 65784 68754 45670 46780 67098 46577
36214 67350 05621 57872 24561 13245 56712 85632 67516 60606
78432 26435 56808 65833 44412 55589 68540 56980 23567 65409
65470 00789 00044 34845 54362 87456 65478 78542 86409 30978
35641 76453 46750 76540 75643 65344 56345 56344 65346 70789

CFM NIL K
0630

6776 kHz, 17-05, 0615 UTC, CW. QSX 5897 kHz

VVV VVV
GX7N GX7N GX7N DE TIGR TIGR K
GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QRU? K
OU
R 47
QTC1 QRV? K
NW = 1711
CFM NIL SK

5895 kHz, 17-05, 0621 UTC, CW. QSX 6776 kHz

TIGR TIGR TIGR DE GX7N GX7N
QSA4 QRU? K
QCT1 ZZE K
NW = 173 101 17 0610 2468 K
CFM NIL ZCZ? ZK
NOT
NW ZTH K
NR 1610626 K
NIL SK

6776 kHz, 18-05, 0619 UTC, CW + Baudot ITA2 50/500. QSX 5895 kHz

Opchat in CW:
VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA2 QRU? K
ZVP SLV K
SK QRV K K
R 48806 23 K
R 48
QTC1 ZCZ ZVP SLD K

RYYRYRYRYRYRYRYRYRY
176 101 18 0620 7382 =
25617 78291 28712 27810 69856 65721 74650 65438 23411 76621
46579 94721 47672 36071 85621 56712 43509 46621 23678 00052
34667 34657 46874 46585 55571 88809 90845 35123 67436 54709
00623 23556 06763 46142 45236 47835 27812 97206 47231 12345
54321 56909 34522 55562 73412 98250 50678 80940 56892 54378 =50=
76534 65409 75643 53467 65784 68754 49670 46780 67098 46577
36214 67350 05621 57872 24561 13245 96712 85632 67906 60606
78432 26435 56808 65833 44412 55589 68540 56980 23567 65409
65470 00789 00044 34845 54362 87456 65478 78542 86409 30978
19641 76453 46750 76540 75643 65344 56345 56344 65346 70789 =100=
79348

CFM NIL K
SK SK

5897 kHz, 18-05, 0618 UTC, CW + Baudot ITA2 50/500. QSX 6776 kHz

Opchat in CW:
VVV TIGR TIGR TIGR DE GX7N GX7N K
QSA4 QSA? K
QTC1 ZCZ K

RYYRYRYRYRYRYRYRYRY
488 101 18 0620 6889 =
62356 76369 62752 85040 5389 010919 69859 69315 47714 12226
49848 36999 65147 83614 15408 81225 09723 75986 15429 10493
90052 03338 13787 05526 13885 20779 28143 34897 60350 08750
39348 09976 81405 95974 96421 64942 99146 11501 31493 98895
58392 78664 88314 13965 21670 16827 67598 96665 26568 99308 =50=
83970 08800 66738 63641 37705 50482 29546 74466 72347 32099
15695 36797 02658 29411 05552 28630 56535 06406 10095 01049
34782 93078 23498 20760 37256 95901 05576 98906 74134 59661
81008 69571 68747 53645 43056 46205 98160 74942 11207 95271
83888 -555

Opchat in CW:
BK CFM NIL QRU? K
ZVJ K
BK QRV K K
R 1760626 K
NIL SK

5425 kHz, 18-05, 1420 UTC, CW + Baudot 50/500. Very poor signal. Nothing heard on QSX 5070 kHz

Opchat in CW:
V ?
FI8R FR8R DE K5LW K5LW K
QSA1 QSA? K
QSY 54697 QSY 54697 K
CFM NIL K
QSA3 QTC1 ZZC K

RYYRYRYRYRYRYRYRYRYRYR
221 122 18 1420 4897 =
83339 46889 2441_ 70784 14000 22964 29290 29876 11774 87830
57515 66908 55037 05471 48973 63771 16529 00738 74497 37014
41407 81508 48807 75363 82832 97284 68755 07715 71922 00093
88325 40144 67019 41677 30152 32318 _7966 39133 95578 79070
98388 57759 09636 79593 79641 90215 85180 39272 9872_ 08607 =50=
42238 11208 861__ __994 96318 19029 21389 65804 38809 29951
048_6 96374 95252 13800 44169 25162 12485 66490 59134 47837
54947 36573 59101 07120 77072 _8581 60983 32111 75846 95677
30164 55113 95896 21562 59095 83029 74891 30072 81322 17510
20478 _9059 33137 35967 __740 96485 93658 51091 05763 09798 =100=
18079 02429 45376 66358 91421 93139 11759 55463 32489 7_196
50743 90753 17518 86605 50425 55057 84259 03956 35086 83439
74494 10981 _=1439 K

Opchat in CW:
CFM NIL QRV? K
ZAP K
BK BK V K K

6776 kHz, 18-05, 0615 UTC, CW + Baudot ITA2 50/500. QSX on 5897 kHz

VVW GX7N GX7N GX7N DE TIGR TIGR K
BK QSA4 QSA? K
OK ZVP K
BK QRV K K
QTC1 ZZC K

RYYRYRYYRYRYYRYRYYRYRYYRYRYYRYRYYRYRYYRY

250 100 19 0620 4653 =

25617 78291 28712 27810 69856 65728 74650 65438 23411 76621
46579 94721 47672 36878 85621 56712 43509 46__1 23678 00052
34667 34657 46874 46585 55571 88809 90845 35123 67436 54709
00623 23556 06763 46142 45236 47835 27812 97206 47231 12345
54321 56909 34522 55562 73412 98250 50678 81940 56892 54378 =50=
76534 65409 75643 53467 65784 68790 _9670 46880 67098 46577
36214 67350 05621 57872 24561 13245 56712 85632 67906 60606
78432 26435 56808 65833 44412 55589 68540 56980 23567 65409
65470 00789 00044 34845 54362 87456 65478 78542 86409 30978
35641 76453 46750 76540 75643 65344 56 5 56344 65346 70782

CFM NIL K

SK SK

5897 kHz, 19-05, 0610 UTC, CW + Baudot ITA2 50/500. QSX on 6776 kHz

VVVVV TIGR TIGR
QTC1 ZZZ K
CFM NIL QRV? K
ZGO K
BK QRV K

RYYRY
492 102 19 0620 3829 =
45384 36891 92543 61414 20094 45517 71219 66666 95841 10252
87487 04455 33756 83269 85561 69414 61420 12478 20316 19936
14362 54298 87929 15172 89362 17423 23951 12651 54046 95435
66613 94257 77064 40705 87192 00943 42236 72017 79607 04976
58569 96992 55578 16237 11873 68957 72521 42963 21090 12655 =50=
57846 10427 41216 36044 38557 78954 50154 77641 60581 13919
36801 57074 64579 16802 28478 68159 29509 88709 36185 02212
63010 07034 95366 56447 17328 74035 49062 06109 61419 26662
39083 07800 56264 48081 14277 40408 85883 18310 37855 22340
47697 53715 70270 51902 14121 66501 76055 71862 54273 35445 =100=
26408 28441

5857 kHz, 20-05, 0549 UTC, CW + Baudot ITA2 50/500. LXMT wkg L5XS

RYRYRYRYRYRYRYRY
 228 102 20 0550 2109 =
 45384 36891 92543 61414 20094 45517 71219 66666 95841 10252
 87487 04455 33756 83269 85561 69414 61420 12478 20316 19936
 14362 54297 87929 15172 19362 17423 23951 12651 54046 95435
 66613 94257 77064 40705 87192 00943 42236 72017 79607 04976
 58569 96992 55578 16237 11873 68957 72521 42963 21090 12655 =50=
 57846 10427 41216 36044 38557 78954 50154 77641 60581 13919
 36801 57074 64579 16802 28478 68159 29509 88905 36185 02212
 63010 07034 95366 56447 17328 94035 49062 06109 61419 26662
 39083 07800 56264 48081 14277 40408 85883 18310 37855 22340
 47697 53715 70270 51902 14121 66501 76055 71862 54273 35445 =100=
 26408 28441

6776 kHz, 21-05, 0615 UTC, CW + Baudot ITA2 50/500

Opchat in CW:
VVV
GX7N GX7N
BK BK BK
V GX7N GX7N
QSA4 QRU? K
OK ZVP SLV K
RPT K
BK
R 502
QTC1 ZZC ZV
NW = 343 101
SK

RYRYRYRYRYRYRY
343 101 21 0620 7438 =
RPT K

TIGR TIGR TIGR DE GX7N GX7N
TIGR TIGR TIGR DE GX7N GX7N
BK BK QSA4 QSA? K
QRC1 ZZC K
NW = 502 102 21 0623 3679 K
NW = 502 102
CFM NIL QRU? K
OK K
NO ZTH K
NO NO
ZTH PBL K
BK BK BK BK ZTH ZTH K
NO ZTH K
ZTH PBL K
BK R 343 626 K
NIL SK

Opchat in CW:
VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA2 QSA? K
QTC1 ZZC K

Opchat in CW:
CGM NIL QRU? K
ZVP K
BK BK QRV K
RPT K K
R 507 0628 K
SK

Opchat in CW:
VVVVVVVV
?
FI8R FR8R DE K5LW K5LW K
QSA3 QSA? K
QTC1 ZZC K

Opchat in CW:
CFM NIL QRU? K
ZVP K
DVI K
BK QRU K
RPT K
RPT
RPT K
K
R 22 144 K
R 012 1046
SK

Opchat in CW:
VVV VVV VVV GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QRU? K
OK ZV
BK QRV? K
R 5120622 K
QTC1 ZZC K

CFM NIL
SK

6776 kHz, 24-05, 0618 UTC, CW + Baudot ITA2 50/500. QSX 5897 kHz

Recording: <http://www.numbersoddities.nl/M42b-2020-05-24-0618utc-6776khz.mp3>

Opchat in CW:

VVV VVV GX7N GX7N GX7N DE TIGR TIGR K

QSA3 QRU? K

OK SLV K

BK QRV K

RPT PBL K

RPT PBL K

K

R 51606 25 K

QTC1 ZVP SLD K

RYYRYRYRYRYRYRYRY

239 100 24 0620 7351 =

25617 78291 28712 27810 69856 65721 74650 65438 23411 76621

46579 94721 47672 36871 85621 56712 43509 46621 23678 00052

34667 34657 46874 46585 55571 88809 90845 35123 67436 54709

00623 23556 06763 46142 45236 47835 27812 97206 47231 12345

54321 096__ 34522 55562 73412 98250 50678 80940 56892 54378 =50=

76534 65409 75643 53467 65784 68754 45670 46780 67098 46577

36214 67350 05621 57872 24561 13245 56712 85632 67906 60606

78432 26435 56808 65833 44412 55589 68540 56980 23567 65409

65470 00789 00044 34845 54362 87456 65478 78542 86409 30978

35641 76453 46750 76540 75643 65344 56345 56344 65346 70789

CFM NIL K

SK SK

5897 kHz. 24-05, 0619 UTC, CW + Baudot ITA2 50/500. QSX 6776 kHz.

Recording: <http://www.numbersoddities.nl/M42b-2020-05-24-0619utc-5897khz.mp3>

Opchat in CW:

QSA3 QSA? K

QTC1 ZVC K ZVC K

RYYRYRYRYRYRY in 50Bd/200Hz then into 50Bd/500Hz

516 101 24 0620 6651

91892 40783 14341 65003 89459 45177 26825 26516 04048 12512

82159 29537 47349 16589 19335 36780 99226 34509 44688 51629

55880 53644 83507 16166 01181 15489 33444 69754 33986 79208

03111 25763 61835 29726 35024 61502 30544 86954 24607 35809

53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=

31248 75095 50245 82172 51693 26298 14150 94623 37383 16624

00769 00741 88693 61843 38296 60244 84483 38533 71350 63168

62811 47183 59707 05788 25152 24552 54435 59460 74946 87355

40255 67135 49984 46604 67853 65200 94239 89913 65456 01261

82099 35467 75177 39041 52817 62008 39338 46394 37461 47184 =100=

36846

Opchat in CW:

CFM QRV? K

ZVP K

QRU K

K

R 2390629 K

NIL K

6776 kHz, 25-05, 0619 UTC, CW. QSO 5897 kHz

VVV
QSA1 K K
GX7 (incomplete callsign)
QTC1 ZZC K
OK SLD K
NW = 24510
CFM NIL K
SK

5897 kHz, 25-05, 0618 UTC, CW. QSO 6776 kHz

VVV TIGR TIGR TIGR DE GX7N GX7N K
QTC1 ZTH K
NW 521 101 25 0623 2468 K
CFM NIL QRU? K
TIGR TIGR TIGR DE GX7N GX7N K
TIGR TIGR TIGR DE GX7N GX7N K
TIGR TIGR TIGR DE GX7N GX7N K
TIGR TIGR TIGR DE GX7N GX7N K
BK CFM NIL QRU? K
OK OK ZTH K
BK R 345726 K
NIL SK

6776 kHz, 27-05, 0620 UTC, CW + Baudot ITA2 50/500. QSO 5897 kHz

Opchat in CW:

VVV VVV
GX7N GX7N GX7N DE TIGR TIGR K
QSA4 QRU? K
OK ZVP SLV K
BK QRV K
R 53006 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRY

278 800 27 0620 6358 =
 25687 78298 28782 27880 69856 65728 74650 65438 23488 76628
 46579 94728 47672 36878 85628 56782 43509 46628 23678 00052
 34667 34657 46874 46585 55578 88809 90845 35823 67436 54709
 00623 23556 06763 46842 45236 47835 27882 97206 47238 82345
 54328 56909 34522 55562 73482 98250 50678 80940 56892 54378 =50=
 76534 65409 75643 53467 65784 68754 45670 46780 67098 46577
 36284 67350 05628 57872 24568 83245 56782 85632 67906 60606
 78432 26435 56808 65833 44482 55589 68540 56980 23567 65409
 65470 00789 00044 34845 54362 87456 65478 78542 86409 30978
 35648 76453 46750 76540 75643 65344 56345 56344 65346 70789

CFM NIL K
SK SK

5897 kHz, 27-05, 0617 UTC, CW + Baudot ITA2 50/200 kHz. QSO 6776 kHz

QCT1 ZZC K

36846

BK

6776 kHz, 28-05, 0620 UTC. CW + Baudot ITA2 50/500. QSX on 5897 kHz

QTC1 ZZC ZVP SLD K

54321 56909 34522 55562 73412 98250 50678 80940 56892 54378 =50=

SK SK

Sent only 50 groups instead of the announced 100

5897 kHz, 28-05, 0618 UTC, CW + Baudot ITA2 50/500. QSO on 6776 kHz

QTC1 ZZC K

36846

NIL SK

6776 kHz, 29-05, 0618 UTC, CW

CFM NIL K

5897 kHz, 29-05, 0620 UTC, CW

R 2910626 K

5425 kHz, 29-05, 1433 UTC, CW + Baudot ITA2 50/500

QTC1 ZZC K

= 037 119 29 1420 4589=
= 037 119 29 1420 4589=
= 037 119 29 1420 4589=
= 037 119 29 1420 4589=

Opchat in CW:
CFM NIL QRA7 K
NW = 75555 UI ?
ZVP K
BK QRV K
RPT BPL K
K
NW 291 55 K
NIL SK

Opchat in CW:
Parts missing. Very poor signal, mostly unreadable
VVV GX7N GX7N GX7N DE TIGR TIGR K
R 5405 0622 K
QTC1 ZZC K

302 100 30 0620 4521 =
 25617 78291 28712 27810 65856 65721 74650 65438 23411 76621
 46579 94721 47672 36871 85621 56712 43509 46621 23678 00052
 34667 34657 46874 46585 55571 88809 90845 35123 67436 54709
 01623 23556 06763 46142 45236 47839 27812 97206 47231 12345
 54321 56909 34522 55562 73412 98250 50678 80940 56892 54378 =50=
 76534 65409 75643 53467 65784 68754 45670 46780 67098 46577
 36214 67350 05621 57872 24561 13245 56712 85632 67906 60606
 78432 26435 56808 65833 44412 55589 68910 56980 23567 65409
 65470 00789 00044 34845 54362 87456 65478 78912 86409 30978
 35641 76453 46750 76540 75643 65

Incomplete message. Should be 100 groups.

5897 kHz, 30-05, 0620 UTC, CW + Baudot ITA2 50/500. QSO on 6776 kHz

QTC1 ZZC K

NIL SR

6776 kHz, 31-05, 0620 UTC, CW + Baudot ITA2 50/500. QSO on 5897 kHz

QTC 1 ZZC ZVP SKD K

JK JK

02821 40694 16117 81340 62182 35940 57097 72779 66043 58395
34253 28562 22989 73426 61599 29666 67472 76125 03731 19750
96185 16913 22598 32762 74837 79198 84531 21814 51285 88768
25959 81513 35949 59605 01247 80943 35444 05825 61118 49469
50382 74403 35063 82566 73263 78402 16200 59863 47407 35367
72007 92562 72850 40583 29382 42460 70166 29890 07440 79721
38117 11731 96517 71629 66104 73128 06795 19456 87335 89270
34994 85689 83650 91402 22573 78761 77947 72705 03861 87493
75144 36846 67582 82428 37613 18896 80186 26258 06020 33300
44435 60502 01519 28580 91682 60659 70229 53466 31285 76993
55931 64145 05570 03159 11929 27303 23820 39840 88003 98657
73691 45599 53407 81672 33508 92118 41826 96128 33884 66030
29260 11244 42086 84504 80736 23043 67596 16805 26825 80637
12302 28982 55867 91131 13750 93905 32862 57822 54907 33807
80959 31392 38862 87537 86478 78770 51903 19716 13409 99366
63413 31411 00000

11414/9317/7572 kHz, 05-05, 1015/1025/1035 UTC. Two messages

01699 77461 40297 96292 18894 37597 47612 45246 21544 20232
07627 79037 56636 14195 08895 37479 83476 92150 70481 69587
90569 88794 01676 75880 25893 45936 96170 23046 88975 66670
71660 85659 58239 45814 90779 94641 52026 68801 24328 97135
46756 96225 42722 57506 00652 76206 46606 54133 56467 51787
72550 51696 21658 55529 34805 53634 49426 08506 89003 64467
69092 65878 28796 16673 39206 76236 51316 41795 21862 46907
52441 90486 01640 32393 37772 31153 97603 88155 60272 81912
41817 56910 20508 32083 00000

84858 64240 30083 54682 33163 20677 47307 18247 49433 50414
18677 92341 25180 50721 04156 19829 64924 70255 52279 44625
69469 94162 69406 76730 54816 07396 80095 12833 48907 47208
33271 85908 33395 80725 33882 42267 22617 68570 04741 69474
96958 00449 08217 23596 32811 13648 82488 29186 96281 30389
72026 50474 92876 74954 57012 57184 90319 56546 11358 33408
56706 28800 44037 02993 81176 61897 03400 69869 69291 88216
49162 96754 30312 07452 21761 70671 98552 62143 63759 28727
56004 19559 72989 42577 48425 20854 92121 85022 12060 83460
64346 33091 00000

11414/9317/7572 kHz, 06-05, 1015/1025/1035 UTC

86946 28912 49225 52377 46775 90589 86972 71393 10742 42261
41535 10286 60897 97965 77028 34239 21854 25365 11874 47206
29787 28033 76252 27716 40012 17140 09746 76282 94890 84481
74769 60854 04374 11780 44562 45743 55614 37803 02972 75261
70542 49028 85595 17978 12702 21973 14914 62109 98872 53120
34180 01771 42242 37379 02962 35380 20013 81015 25814 26798
31935 59999 43693 61355 82369 59695 76167 75630 22939 56837
75043 44360 80812 29726 19115 72910 14829 07593 04706 68757
66638 95053 11705 90404 99052 32601 49776 97184 38784 79069
14434 48371 65772 27007 07659 25051 16283 86903 02771 73179
91949 01192 86701 85175 32029 73990 09301 11743 10676 27469
97125 45284 67488 20864 00896 98793 61766 92984 00621 70246
69406 14219 77692 88939 23590 58928 21292 62573 46774 34212
15911 33592 26158 25941 15290 67654 49782 48019 32482 22673
45461 05807 00707 71852 89739 09639 84698 05807 00077 18521
47220 74580 27894 94300 49010 50380 02883 80750 97032 73618
59818 68991 39942 16734 09396 87705 16936 64207 95274 94758
80778 51440 26840 18377 81793 17689 67023 67030 78873 47834
19893 34187 89149 73921 35108 90286 50538 89122 71462 69026
05131 46944 86701 85175 32029 44132 45789 44679 41598 10709
64821 32982 60835 55568 32777 92510 64544 41082 78282 25255

31993 85140 73583 81387 33745 14081 92915 19854 78362 14924
67451 51866 73651 60368 04025 03259 82150 04978 59799 56615
75544 75992 90098 59125 17686 07214 11552 07101 30929 89382
47771 43087 25440 35513 49729 26513 96186 84589 08035 63810
17300 92092 99284 08947 88470 80774 33697 70300 13097 50122
96186 84829 12854 67957 98095 45454 08374 92593 81754 92605
20731 99005 45058 05868 73411 07435 78251 56660 99462 37875
30111 07889 83501 38879 45709 71504 93277 64106 42943 59920
80471 95081 20026 92200 55419 33563 11171 97965 45411 98924
32291 31043 31544 95424 85023 25498 22917 73451 09381 60489
74368 65431 04105 14379 75928 87594 55786 22341 89573 55373
44301 72301 72688 19434 16706 43168 12945 58833 46774 71275
04297 79743 22376 55994 18776 93180 27861 40442 53778 70173
13661 28223 59517 97812 70284 22138 76356 84614 48887 95818
36673 88643 95618 34191 10977 66818 91926 03738 02948 68853
17998 38477 23082 24263 81538 52604 95648 95873 79074 15728
78629 98271 81951 51644 01332 04634 64235 46583 49372 90375
14697 77862 51701 87049 00059 98894 49377 44938 71702 41473
50757 27771 33026 21284 02803 88015 09621 57579 33193 96167
89483 42943 42917 22479 25419 24102 54047 94574 16853 79693
42376 79377 13214 05961 09599 62787 06094 46285 74743 25558
02359 25504 89515 38797 94103 44259 00000

11414/9317/7572 kHz, 07-05, 1015/1025/1035 UTC. Two messages

89517 64580 52163 17634 38965 21374 66628 56022 29078 02163
18471 38619 78426 27900 27962 19304 93982 96308 73049 09461
15936 99721 47302 11489 04018 50441 55468 40309 63763 05805
07555 37541 36154 10150 97390 08044 99076 95854 76594 33510
54036 10655 59884 42795 96559 63410 22691 43678 93728 05521
76969 45724 17280 90172 36192 28961 05706 76608 05426 38037
53803 71596 57451 06555 53094 25298 80850 41268 31566 23721
11007 20834 66165 44937 79956 88795 66486 71260 46014 45500
53078 74564 89134 68619 78835 16938 82922 16981 66871 33859
79250 97382 63353 35093 00000

85222 29474 22895 49765 02697 84011 17635 64893 41235 69995
08078 89926 81570 02891 05502 26055 28652 77436 08579 66521
23088 43619 76980 33386 68701 63206 07809 28443 30891 20293
82051 34244 85473 84276 73242 26151 22711 48724 35518 81362
36192 94547 13255 95854 51272 50934 39473 45159 72743 52469
15206 49940 56439 15891 87003 32284 34446 84904 64777 73653
48615 16506 47157 10434 72072 07247 46558 28025 23389 82873
31148 39396 03128 99789 25882 59054 07435 31765 39823 08363
98368 40342 11910 13138 35660 36085 00000

11414/9317/7572 kHz, 08-05, 1015/1025/1035 UTC

Null message. 5761 00000

11414/9317/7572 kHz, 11-05, 1015/1025/1035 UTC

39665 51419 92146 72971 25066 60569 14162 91997 03134 56534
76689 91103 95750 28771 02285 34407 55208 72307 08937 01088
98577 53339 06794 12754 63271 80776 24666 09731 07232 00946
52260 05957 02185 57613 09070 77191 93402 84535 75861 62201
24403 22710 49697 81627 50028 79531 08432 04216 86342 72014
95620 15095 70782 21302 61769 65794 30997 90616 22876 10694
85821 83867 22190 59571 26808 47082 06136 00971 53774 39863
50331 76041 62777 69044 96642 07565 09984 01751 87209 13837
99837 00034 06386 62107 71001 44278 66521 41249 78469 37566
98533 58367 95327 08188 33201 89002 82566 52479 84112 35654
00406 85184 68223 74277 59554 89519 24935 93463 35859 84139
19660 55983 96757 49175 42782 37376 12993 78554 39982 21284

54016 50765 34830 56206 90524 35273 29617 03370 52553 76771
95332 30400 16586 24441 86751 30480 20093 98429 43548 71684
26960 10717 63388 06179 92225 82562 57923 93965 99574 25731
27647 20876 70026 79663 16519 15477 65245 21801 32324 94602
33924 93236 43689 92177 74666 06890 89692 51034 13814 30382
63016 82400 21652 60816 52561 22761 15429 33629 56485 42753
22632 32718 01575 87816 02954 94023 29915 55260 52390 19760
38771 37446 37897 45467 84639 85770 36060 27097 87387 75136
74201 40296 95435 73598 97363 09085 97910 46880 09616 06124
94703 52425 63107 91740 60385 02708 93313 83923 62897 02448
23918 76452 22970 89456 89752 47365 25202 33774 51243 24944
16736 74795 98801 03403 54466 01077 70588 25481 86726 02498
32101 74105 80380 49486 91008 40335 29263 78965 45682 59749
04907 91743 90852 34494 35493 91001 28835 83149 23959 16596
59755 85622 41203 54834 49223 15248 55331 28445 96878 75274
82866 96390 54256 81947 72878 18248 65405 61350 59952 62818
28700 52202 46947 65665 03279 31811 03478 65263 08549 07347
91053 72454 90196 39640 50816 52886 51139 91686 14814 27127
70852 19050 26746 18145 61520 44335 83122 00839 34431 82947
30761 33307 75070 12296 81584 74541 50345 01644 30623 18235
96362 44799 88193 97385 60230 62812 62164 39399 94281 68890
51261 76359 26189 12703 35346 40160 53392 46266 73599 97195
35280 78602 46561 02284 81558 11355 02946 76516 60261 72544
97188 38722 73807 90660 28647 45232 76582 76270 18399 17631
32447 03341 84584 63189 35629 07442 02209 17649 43434 43049
58361 65070 94208 67100 38785 14414 08992 41019 06724 37542
00301 68377 59999 98343 36477 10397 77245 27652 35043 46458
89235 23655 83495 71831 36255 82478 10977 49788 97439 88636
59270 60308 03021 20029 26538 12541 65427 47176 82260 13238
90170 31388 76798 08321 52441 51532 94026 39787 50383 14117
20462 85129 70949 26354 29347 71468 29308 36900 03100 81575
67705 73960 42587 37433 00000

11414/9317/7572 kHz, 12-05, 1015/1025/1035 UTC. Two messages

95718 81298 11655 06303 71831 75696 74966 90313 83339 61502
00315 73538 56401 84040 61946 40376 53799 36201 94216 87082
54253 73770 61964 42422 99413 69131 22789 47788 38214 51790
23408 07734 23276 09145 97277 46848 39051 45957 55683 33926
66395 25947 89458 59348 13245 43950 23550 76631 66103 02092
91595 44071 42013 88385 22706 27422 45701 81225 57652 49550
61587 28184 36623 97995 35352 72573 25757 26379 24730 26189
74633 10603 24238 11688 21907 45761 93512 23033 91267 94725
43952 77436 44934 24315 63339 57253 86836 90009 83149 65245
32714 55132 18217 41665 89271 55442 33448 16593 09628 45078
17283 38101 00000

51190 85669 91988 92438 60163 57257 15457 97086 18277 13876
87304 92568 39318 49248 75043 85954 81168 40446 77396 12631
04632 85805 32592 71529 18304 73005 77539 14742 95409 07018
06313 33720 73556 52607 01404 09246 73328 71066 36148 17357
96668 55883 71796 08420 90987 97008 97642 01531 89924 28441
87654 61438 66715 38790 72058 50175 61086 49513 47285 70581
65625 90526 72746 43907 82566 27855 27859 88695 86916 23025
27760 39071 00000

11414/9317/7572 kHz, 13-05, 1015/1025/1035 UTC

Unreadable, wrong shift. FSK 200/200 instead of 200/500

11414/9317/7572 kHz, 14-05, 1015/1025/1035 UTC. Two messages

72180 74796 11084 68157 54674 32871 76260 01950 32608 14569
80743 83519 32227 51489 59351 46114 90537 57532 01004 06377
25996 76140 53647 32734 99155 77238 77718 56439 86679 21069
34074 54997 17175 31112 17337 62627 42281 43273 70584 87470
41447 23529 42328 40221 83842 71216 71710 03870 95830 50155
12865 99254 07446 14790 34371 26088 76312 23536 54749 84171
12447 56523 99922 04467 52369 79925 93593 44717 55973 24046
16466 29317 24588 67377 95251 38090 63664 43793 07403 73698
38534 15079 12499 62338 96663 75976 46237 67436 54864 83938
37957 21011 74861 30784 37632 02402 75698 41097 00000

12746 76456 94020 58364 95049 40041 31538 40297 58376 34651
42828 29645 78093 40630 22062 34545 56299 50458 16685 92387
55789 32398 14367 48345 11484 81340 66002 14083 42726 74047
30668 36334 14893 70976 53503 30022 23768 31878 12428 55622
01098 37342 94651 45451 64787 33500 88904 08565 62147 42046
04329 68964 79661 02793 51964 16785 17683 40918 49770 77159
53515 76119 37127 26450 41309 15844 09737 10527 22212 99785
10879 44790 43208 87849 39950 00607 08093 08749 64224 07876
09006 11441 44772 28382 11975 86581 12487 79642 94894 42089
00000

11414/9317/7572 kHz, 15-05, 1015/1025/1035 UTC

Null message. 5761 00000

11414/9317/7572 kHz, 18-05, 1015/1025/1035 UTC

05283 37306 85601 60478 89375 69046 81444 29201 99588 48329
95002 63102 01480 28986 00692 35492 42824 31026 79187 27954
97530 28954 02801 75944 87392 29259 66648 43398 48846 72996
45309 24767 36951 24399 79659 97951 83755 31474 23575 76535
53244 69498 05174 34779 60062 03369 82307 03808 44187 29729
96971 62427 18755 84833 58333 70998 33208 29055 09059 21826
18970 44002 54624 04486 09826 03167 60315 09525 54196 02043
45570 18987 61493 58659 30394 57186 49744 20459 13498 00174
86678 38461 86869 67331 41450 94648 16453 43536 89202 93514
43635 05325 35642 53707 87215 49502 53826 60706 50553 47625
50345 66481 63577 74806 03084 47047 14351 86271 37751 53877
49866 40104 35371 20099 50772 89626 87918 07410 09715 93839
44279 04657 67973 19372 13742 14011 90089 32365 19184 85678
81172 03746 17161 87083 76561 76305 27076 17464 58547 67040
36618 03808 79827 03177 75654 39085 98385 15337 75773 48691
53489 36253 57655 96063 37481 78504 13464 63379 43070 89682
76443 68304 90783 08441 94913 02705 66295 69859 52843 04272
22297 33562 04196 96995 24611 33032 13229 61421 47226 69545
17944 20630 45955 99180 58859 52878 65379 86324 40312 66838
58791 22127 16462 00369 25811 31327 19187 28760 97367 15903
70069 93395 22726 08971 43645 86748 38255 37372 74108 54675
22624 16403 22669 01924 68108 25091 47732 11809 22700 35495
45106 15978 82698 94429 50408 75218 40490 81082 20877 57232
17179 88938 38752 22324 34774 05460 03440 52937 07615 87962
04618 87973 57720 59118 93500 47833 83754 70515 94428 61122
38287 07742 23974 28950 93051 35390 09765 87763 96867 05451
26192 56661 55939 77525 89202 80106 91191 24287 77367 01996
52355 20632 71395 32008 93470 39964 29305 90183 39511 06048
39413 40652 98800 73854 18360 50468 00923 37864 46326 34476
64806 91233 56653 72154 26675 84290 22042 07357 82542 55772
04526 66918 24953 35268 61392 59033 78641 40277 24257 37360
64810 16342 93466 41791 48709 93683 15020 51809 50196 58775
32199 13392 21979 64300 29094 25377 25224 25919 08207 96248
57205 79298 69328 07264 10701 95824 81871 42863 69812 80453

67848 74312 71896 00118 37679 07497 90296 16142 46020 30814
17568 19107 59803 24106 53871 89578 55660 14561 30235 33161
88942 90521 21366 63309 01498 09153 27700 30318 60408 58877
31376 19956 44880 62550 55824 70154 23454 32287 83657 79207
88742 11883 12549 03906 41870 67779 53782 71060 43812 14497
03172 50829 75811 85475 39028 65312 76070 85267 26867 30824
44891 84015 35536 57305 35468 40149 94462 53297 72509 62244
46700 09917 65879 45981 77459 62280 11444 43417 00000

11414/9317/7572 kHz, 19-05, 1015/1025/1035 UTC. Two messages

89327 61281 87089 65297 22022 58307 49282 07958 25754 88786
59108 35932 18339 07782 96834 50337 79276 57299 70027 51663
99355 08053 91123 71421 57697 38442 41060 33985 49682 67918
04853 78287 14186 86930 90104 94068 33575 50651 64347 52363
04895 28649 72175 34914 05678 27709 18105 92195 02830 29991
26082 84743 78012 13696 11602 87472 67966 48448 27357 61658
43222 82570 68350 24303 73614 64439 47438 69529 54064 65110
77198 21735 89037 94402 19100 25150 59150 27623 85887 99529
18322 85128 08129 16632 94943 31903 00857 77188 95487 89344
91253 93055 33993 76445 93296 44095 00000

85819 41535 04229 14883 62009 31589 97595 84979 67776 31665
28308 60816 11346 36578 13878 22108 27104 72334 29722 47870
94780 35798 26249 95592 04042 61408 81197 56675 00432 94635
85662 80320 73598 76861 87256 83078 73743 71377 38830 86215
67233 85175 26204 48105 67299 66237 73337 83828 00788 80987
48376 89166 96869 01625 19015 11173 08666 57988 30624 32523
03721 33675 05551 61810 84258 11072 87065 46996 23166 95014
76361 54186 26630 69732 36069 78927 59375 68792 58705 82214
93441 62713 23502 45083 00000

11414/9317/7572 kHz, 20-05, 1015/1025/1035 UTC

45788 64714 37653 23786 36170 04387 90354 36625 35215 14755
22508 21894 98823 92881 82190 08830 92412 36907 90457 29434
84650 08522 22434 67706 12401 51392 68198 07806 40284 82727
59388 10827 63304 00190 72467 74880 25989 71311 44585 58154
56463 97626 62978 69656 38902 70695 13840 57318 72805 62208
01600 48153 92521 15367 74554 20143 45463 29709 17783 10563
52453 56593 99277 90411 98637 47504 80245 59645 28400 22382
25501 42898 42718 50159 74896 90380 22403 58689 61722 13638
25649 16262 89019 10863 33340 51883 99742 61447 40547 06514
01700 94453 17659 32455 33227 60705 89568 83061 80507 63176
06377 59978 82505 25368 04026 10084 84422 02365 78318 89322
25631 64248 20754 35627 73018 06567 89611 18109 35680 67537
14731 54695 21891 56684 59423 15427 24309 24577 87941 53578
44335 28380 11960 31795 91562 72885 14495 35445 19278 31721
74703 90364 81921 78426 41995 27177 25460 82076 32906 59391
46612 47140 49154 67452 81857 02271 40331 05937 12162 67708
59660 76082 94370 55978 86248 30835 55198 85583 12297 04601
08749 12371 18673 84900 83510 08260 87309 68096 69768 42020
23856 66393 23349 41796 89018 58299 86667 44044 62032 99723
12983 58592 84694 37916 04823 04503 59408 95417 02503 96409
99666 16220 83679 86051 56407 91326 59878 88646 68696 05883
80931 48836 12157 75088 83259 25858 43591 61061 42948 02644
65235 87839 19534 48535 57074 96732 01460 90298 50664 09173
89128 71124 42899 89284 76482 02311 73147 23350 17068 37300
12218 58346 85499 22777 36565 66764 70278 06493 86198 29876
58891 06527 29714 56650 01138 71656 84893 80498 61613 87523
68305 01044 97288 08298 72353 63089 21129 18509 93198 89992
37684 54745 57998 13610 61586 41904 24901 68019 54899 23676
54230 39196 44249 91959 74304 87832 03682 44886 90306 87492

14177 28148 09682 45285 35760 39315 82451 97239 53153 99819
79926 95586 80893 24320 60224 30108 38866 42097 94046 50765
34181 50200 49141 83783 10339 03021 56903 58376 49614 67967
09534 86306 39607 01955 61207 61465 39882 28372 31677 71657
09652 19230 35761 39779 82426 12174 87147 36588 98576 17042
49946 32225 31745 91668 36443 78713 70037 91603 74471 40583
37946 23459 92854 15844 69923 56539 98359 14465 71558 72478
42576 86572 29286 57536 02194 17529 54576 67268 21077 32111
73519 18243 87608 74937 97772 86494 45717 59374 37787 17412
63032 02069 44252 76726 04613 85320 88707 97308 85675 14477
19251 01457 01759 62530 52277 03352 59779 19107 86196 21380
58389 86048 48056 55011 91103 86750 09012 05909 70600 81467
29591 47964 97670 05759 20667 75952 23214 74265 31103 87484
76756 17006 97987 77941 59895 40387 20411 46427 00000

11414/9317/7572 kHz, 21-05, 1015/1025/1035 UTC. Two messages

42111 65400 91999 27927 08076 65725 35088 95516 30900 24820
58470 67121 38065 84763 70862 52891 88205 53151 57377 89106
91312 97883 22242 95521 14199 68233 62870 89443 69651 34364
36208 61243 12716 62495 03308 40971 92545 67900 63067 10778
33255 12919 11056 42827 42212 42187 84384 67375 69216 72247
78545 00724 64984 77757 47160 87715 12396 41449 20579 38470
28929 60066 04260 64053 63724 23427 42879 40746 37715 08831
61093 57623 00264 57979 16902 27123 00734 28609 28547 63281
98446 47081 00000

94404 43881 72421 09891 41031 90438 04659 29965 43934 58145
11788 21767 49658 49915 34325 92646 93748 12490 26078 87100
51013 56506 98202 25832 24553 70398 32508 90998 65756 89101
68676 81087 42424 03465 95103 83859 97244 21327 98041 40796
63771 16199 48721 01489 32120 24467 33159 91401 81549 77081
54322 41463 22139 76649 61346 52897 12717 55871 85493 95753
47264 78273 87531 64568 26949 67154 46228 39585 60000 73691
42649 26988 56598 48073 00000

11414/9317/7572 kHz, 22-05, 1015/1025/1035 UTC

Null message. 5761 00000

11414/9317/7572 kHz, 25-05, 1015/1025/1035 UTC

Unreadable, wrong shift. FSK 200/200 instead of 200/500

11414/9317/7572 kHz, 26-05, 1015/1025/1035 UTC. Two messages

36272 81072 13073 63772 49316 54959 86296 51086 03081 65915
32514 43168 87512 03399 72625 87568 30571 33255 41104 57889
81497 82814 55247 18822 29728 04221 75549 46739 01645 26913
11872 79306 02338 35204 55104 92518 94580 31905 38994 28632
32198 73909 61848 23397 90016 90691 22784 06056 57582 21660
52209 70526 88839 33285 41241 41219 24948 01956 99730 81914
32443 73494 97589 21147 23899 35272 69104 92533 53316 61854
84929 13480 03394 20122 21438 50696 06881 44802 82131 45977
69210 20351 50779 00666 84573 30112 80988 42251 62654 58703
51890 21527 08185 58568 44614 13762 20523 16617 19270 50099
00000

92421 52663 76036 57540 82437 89620 43162 44625 73863 20419
33747 21814 87675 61529 63122 05685 81345 48238 22350 99659
87583 97096 34192 92629 01218 09083 12705 75653 56415 24437
81126 50147 61413 65080 27755 26030 82960 25579 04499 33236
97658 98578 97796 95048 52376 45643 26586 36692 00939 49451
47005 27607 09273 08271 68527 80858 46200 58654 11207 58112
02053 37304 58719 53611 02319 18026 86903 55596 08492 84719

72463 08604 23310 26346 11546 25083
42582 51077 00000

11414/9317/7572 kHz, 27-05, 1015/1025/1035 UTC

18542 73741 66543 24375 56571 27519 30822 08937 26375 67264
62002 21158 39303 42094 42466 31910 19520 96824 91293 86572
18789 89668 71483 34878 34487 26034 77740 63601 41774 63140
78262 99262 75861 65112 08978 73038 25320 13251 43653 65065
22353 01169 88322 70329 40986 69481 73465 53322 39104 59722
42386 83654 05264 92203 59207 69816 96243 97472 84945 33266
76245 56079 95078 90040 93692 26328 37061 32073 56567 64704
51213 25405 92218 68672 03437 67479 02580 96511 03171 70701
50736 43899 05049 64465 39778 81916 17680 32813 69870 86172
68001 29931 84487 11718 94627 40672 41751 93459 68650 78273
71788 76742 65306 36477 06077 07800 34971 38229 89694 38750
46902 48149 12414 26832 04172 40957 19588 32574 53236 43044
88752 46562 36561 89374 82894 99524 61760 62912 16312 35392
85669 08746 94015 52038 36800 40115 10595 39389 24612 78514
19506 69571 09040 95075 08693 18813 28707 45391 43507 25754
11273 15000 62839 15887 14345 17689 39421 46783 70390 13831
40215 53821 34101 40911 47846 01077 55622 73464 29004 67088
28108 54583 60753 20167 83030 66205 50696 62944 31671 30344
11915 50850 76252 58482 78642 14202 39132 91277 73588 38589
83493 95805 62863 83257 23991 12500 59441 42157 50765 68983
61095 77361 15273 02961 33736 79535 51380 61574 76104 35141
30140 68704 26753 05067 71697 78605 99235 44376 62766 56856
56476 17850 53108 56532 60219 91022 29450 81556 56522 01390
90282 54444 83224 39482 69979 30623 10316 94492 85660 26533
49165 44132 05255 53672 91523 93420 60192 75798 64255 92091
51154 31454 10731 85285 20336 89013 34811 77249 88646 26439
68374 12698 81291 52929 48308 05540 90165 14652 13920 69664
46501 51741 60685 31458 02219 98760 11293 28742 43386 45800
89899 25840 84263 02413 10557 99428 15340 31568 15728 74886
03818 45815 25844 17817 69972 82834 85827 10432 87829 02579
19535 67490 83599 73175 28037 71470 30296 37796 92689 31672
61988 79662 68929 96929 56124 27385 81723 76624 57346 67827
58621 49692 41258 58668 61340 66296 41565 57869 01825 71872
89035 12214 53711 08221 35712 72120 95150 71336 62813 24916
43904 30666 95772 63750 70669 39478 74831 34338 01563 91031
54644 26733 45706 00239 31327 04293 08837 15497 20375 87054
78903 90386 33907 31680 94562 69921 30658 75175 32525 71034
37163 34572 74691 61991 63574 79740 41005 70416 62538 21551
98968 74618 04584 82540 85758 57910 68445 42295 03868 30591
69767 74723 76233 49310 76630 19412 71763 88466 85319 54253
37216 43353 54796 61525 96364 69726 23291 04624 02385 89488
55465 57614 54398 52413 00000

11414/9317/7572 kHz, 28-05, 1015/1025/1035 UTC. Two messages

47356 57392 97096 60645 15569 61266 96049 80966 83123 19701
46121 93767 24098 33139 74796 37823 14075 63065 82341 53691
27012 10097 01021 23575 53298 98038 84109 60112 62449 81077
10622 73778 58858 16310 16701 73582 04055 68790 89605 80761
03912 41286 85237 60147 84217 45925 55133 98893 03078 59929
93873 87255 73564 32614 42833 81108 95055 35846 11222 50896
16707 75145 00347 46681 81487 03620 42033 34008 24224 05920
87141 80248 22079 44396 05128 96120 20914 84662 80561 62081
85966 42723 17573 94254 50281 53085 00000

66519 23208 72388 74258 24799 15213 39639 67635 82286 80569
80534 65234 48666 68360 18784 52072 56423 53004 61415 12977
53102 64278 92643 20660 35449 26815 15102 60620 67649 20009

93117 66291 50824 94269 77732 62880 35991 04558 18150 43341
97662 47151 89285 24913 10288 10565 90130 59657 94695 76567
92598 97441 26765 32241 45543 24802 25476 79002 63648 28117
62547 49545 55861 54544 60845 68622 73069 69138 73745 18616
79699 31605 62642 95829 78930 41118 14791 68445 46210 22643
68663 72068 50755 53200 39022 03817 69732 51505 58874 00879
24798 79428 80521 14480 95690 28710 02871 15200 90564 91361
17203 90577 77742 54103 00000

11414/9317/7572 kHz, 29-05, 1015/1025/1035 UTC

Null message. 5761 00000

F06 – FSK 200/1000

Link 00052

15784/13849/11646 kHz, 13-05/14-05, 0800/0810/0820 UTC

11166 00052 47896 13060 01849
76174 50701 54447 99932 42226 58402 39825 59543 36120 60254
16778 45165 39992 23820 42619 15899 08616 78340 55326 95488
64491 35529 71259 29688 31088 61250 37288 15601 82762 46503
79481 13928 49760 51170 15586 80067 17444 18951 23445 74997
24467 86923 82575 41879 89542 38181 31067 59324 21521 70961
05008 07257 92458 82723 52611 06310 78355 92606 40242 16701
97261 50694 92521 07509 99429 07547 33704 32304 89209 42412
22508 72061 83370 73574 97597 31299 35527 99264 75885 98371
81377 42579 70867 05867 84423 98830 23155 52036 86867 08792
60407 69191 95371 06242 28844 50025 56372 13276 63524 67763
00626 81801 89590 51114 61689 04667 71646 99933 98002 44853
53477 52558 73281 56170 55284 40722 74895 93897 20623 93025
74919 38798 30244 72865 63554 82956 25010 61777 09589 50864
05086 24129 27608 54196 97579 14096 56628 03725 09837 10860
79837 26789 10560 92965 40139 63773 05951 87784 31195 42031
03059 57001 68625 50679 77520 04076 71085 64714 87891 14628
05894 91881 03736 65647 78884 40737 39676 64511 73205 33333
12596 03711 66712 10977 64162 42239 82672 06490 15874 49584
53457 81404 60182 00000

15784/13849/11646 kHz, 27-05/28-05, 0800/0810/0820 UTC

11166 00052 32547 27061 02759
41922 32100 18756 53138 67033 53659 33802 00864 36120 88800
57736 05714 19645 72226 38358 53149 12715 88438 30674 55672
53390 48808 00991 67058 96749 34761 61576 49412 32101 61753
09331 60247 87125 43751 66887 51773 93056 62874 49602 99571
96830 73905 06856 02867 31155 98354 11109 23548 78410 87753
93152 56167 89351 60888 46981 46066 42520 44632 52739 97844
55330 73086 91164 41346 82734 24710 47982 47351 64440 02120
31664 10157 06595 84260 53022 39257 08873 05620 40036 27270
72922 42186 86390 86338 53089 08827 57128 70171 35366 97788
99877 23911 55503 12988 35077 29028 92211 79797 23648 35416
96408 35006 35543 97890 42432 26639 67609 59257 12162 78337
84208 47162 47996 97962 79027 76887 35608 35141 81517 77303
02424 17411 56398 82141 42764 19677 69668 53796 05584 46648
19558 31826 05745 32955 55854 23356 44759 90629 36055 77553
51946 58632 91759 11387 81940 34124 03768 78826 29474 90160
09297 00701 47390 09494 89768 97377 78819 89187 12603 91470
39442 95709 25444 72750 10797 75205 26279 42448 30556 48631
57858 79142 90715 46444 99883 93418 79625 62525 57375 63481
28814 32027 68676 68915 50528 62842 81520 64771 76938 75364
70605 63181 36937 30241 95103 14672 31473 48803 19556 06377

93365 55856 46581 19334 42518 99524 34838 12044 72483 27829
00678 22491 29320 26696 26928 05813 68661 49076 27247 49791
01954 89864 39466 35370 67782 86312 46396 34382 89247 48609
47492 61662 03294 50330 29849 23751 72967 33438 11943 31361
18511 07516 58564 67805 28246 47934 90389 30571 35176 22625
36602 88214 70257 02160 04036 19794 28257 32811 61242 28991
07153 77298 60953 50139 07007 52890 49348 88328 99239 21559
35580 60782 02267 61273 00000

Link 10053

19323/17536/14356 kHz, 03-05, 1530/1540/1550 UTC

11166 10053 74102 03001 00049 00000 00000 00000 00000

19323/17536/14356 kHz, 10-05, 1530/1540/1550 UTC

11166 10053 36987 10001 00049 00000 00000 00000 00000

19323/17536/14356 kHz, 17-05, 1530/1540/1550 UTC

11166 10053 14569 17024 00049 00000 00000 00000 00000

19323/17536/14356 kHz, 24-05, 1530/1540/1550 UTC

11166 10053 96547 24001 00049 00000 00000 00000 00000

19323/17536/14356 kHz, 31-05, 1530/1540/1550 UTC

11166 10053 78132 31001 00049 00000 00000 00000 00000

19214/17419/14443 kHz, 05-05, 1650/1700/1710 UTC

11166 10053 14789 05071 00049 00000 00000 00000 00000

19214/17419/14443 kHz, 12-05, 1650/1700/1710 UTC

11166 10053 14785 12001 00049 00000 00000 00000 00000

19214/17419/14443 kHz, 19-05, 1650/1700/1710 UTC

11166 10053 23698 19001 00049 00000 00000 00000 00000

19214/17419/14443 kHz, 26-05, 1650/1700/1710 UTC

11166 10053 12587 26021 00049 00000 00000 00000 00000

Link 40122

17420/15673/13361 kHz, 06-05/07-05, 0600/0610/0620 UTC

11166 40122 12569 02086 03379
20492 23805 06954 69507 10788 57043 99023 44707 88278 88181
54299 24754 35666 04929 57289 37050 89252 60249 05118 03719
17153 57198 00441 49926 79643 44399 97580 78311 20074 64351
12821 64222 59779 21763 34806 51431 95443 64079 95963 53041
22329 91422 90914 87237 31832 38096 52778 02605 56791 92871
23335 72672 62981 50226 77973 64396 10242 09726 91355 10239
31671 65741 54745 38566 04322 54684 80933 42019 09840 51946
26875 75013 35876 10606 09115 14856 78979 48997 32520 74563
18170 84433 88288 52093 28067 89217 08902 39714 94313 88016
75006 02153 23039 98951 89573 91162 32452 85316 05290 26205
75009 60145 16102 95929 63576 10786 48861 60154 00035 35685
16000 57001 29769 10576 15191 44917 70471 26231 86902 34230
88693 65000 65810 87947 22600 08301 86995 96484 74340 92246
32859 56002 20492 53614 31700 05046 14013 33332 43894 99173
76122 29669 96599 28258 01576 18321 52944 06156 25742 81582
26618 87423 26945 13783 77813 90772 62492 95178 51452 33954
61829 51500 43635 09750 25271 41319 07250 57769 01722 38437
32679 11737 43853 01491 64540 26944 64144 47941 40403 17582
40255 74647 62412 58607 43138 92211 37761 31857 86353 65285
48947 21088 20006 76007 39755 85626 17752 52788 27895 67320
30306 31606 80241 10477 03897 42010 11607 99483 87091 35020
92984 43784 74446 95108 80210 64907 60404 03451 98961 65240
01888 44634 47047 83216 13018 74006 99918 64628 40403 87865
30344 04731 92427 63658 78172 40841 20987 62394 31147 00112
79095 10453 02670 32161 02816 02964 17501 81264 90938 95972
41286 77776 80859 79549 14880 53481 44075 49050 79385 10560
49756 16702 02863 98846 69814 30722 44623 81089 23922 94126
18069 90877 87899 00448 38000 12926 13925 28524 63333 40428
35999 63564 71167 89129 59097 36672 23136 72837 55451 00003
09981 70039 16403 79765 85285 36325 33254 74241 24308 42294

05560 89001 68847 41640 00307 26527 44081 99103 10399 72410
58319 32964 85904 45325 21600 51779 36490 02951 44069 90051
28481 21041 00090 72499 25001 87834 69005 61636 42597 80971
88503 68337 22821 19125 81514 86335 00000

17420/15673/13361 kHz, 13-05/14-05, 0600/0610/0620 UTC. Two messages

11166 40122 52741 09087 03029
71836 23604 28224 71651 72582 31968 06377 10007 31900 14217
85675 45509 98117 57091 00290 26331 73691 55855 16456 08237
35364 58845 73972 55818 09110 85944 97328 91885 85799 50670
24894 37177 88534 40569 29621 07595 27567 35586 29678 61148
03762 69127 12471 11793 46530 61468 20474 52343 97174 80227
72318 53667 73578 07569 17572 32325 77182 18835 48644 03868
28183 02293 18267 63949 39892 74675 35966 64475 68197 72220
41984 76946 97045 21878 82079 60205 45917 22381 31638 74758
10193 89874 42548 10874 70381 47773 11254 22628 31125 65551
91448 85106 75928 76143 99831 16929 48553 26645 88362 35299
97000 42005 81467 35756 41039 06392 01617 13830 49197 91916
31719 70762 36172 89423 87776 70518 16582 21000 00222 40238
76004 38922 27389 31340 45237 40715 49554 83455 88723 55009
16973 58383 43066 77887 50361 36249 66586 64404 17262 91061
85849 04976 32717 87851 50100 41314 57699 68575 29551 01601
93739 18983 18449 59588 97175 33623 28869 47314 61466 21185
86171 76114 41022 17360 62046 45625 14963 97405 06100 45464
14258 05611 61917 79270 60692 43837 78527 65797 91073 86331
53220 96742 65137 13000 66648 56007 80581 78318 96148 30060
43662 58082 18231 64116 68801 41170 36154 43791 05629 58520
21530 78871 20809 52075 68466 36580 62271 12960 85582 09771
86874 32245 78497 32471 69413 82220 75232 52668 64259 81885
81500 27523 75153 14669 13052 03829 51270 77494 84754 82164
01740 22131 61097 88181 45807 74769 97816 99451 40835 44756
29308 01320 55317 58423 81544 70196 79103 78954 15153 07736
88015 98229 28369 74324 05048 11570 74529 95320 25338 11335
73816 38497 97091 60309 23914 86098 75656 30806 39287 49977
92919 20429 73757 03226 09237 80440 06071 26749 40059 17657
93135 94226 74455 55820 20628 43879 27720 67377 05646 10494
95251 11614 31107 16141 99879 40059 16559 43021 49847 55132
87300 00000

11166 40122 65913 09088 02279
55122 36875 49616 32933 71213 14402 30701 46136 78774 73112
94698 47924 44666 27070 85723 02887 86927 16939 34418 75832
62590 67792 40736 14451 24727 93110 87678 86758 53424 68408
03182 59261 90376 22925 12330 26788 31771 22825 47089 29912
59164 44334 05754 20916 13043 60258 79278 64221 38730 88314
86701 82232 59363 74724 86826 82531 55592 11485 58377 27348
56715 10785 65776 31266 72921 84970 52776 98074 23338 05533
31095 32732 39563 39522 56270 89354 49376 86843 07893 41179
70310 66881 16442 83442 67778 27859 03874 05099 57431 77403
30175 90332 56447 57734 63055 35782 13436 13918 12983 94438
71634 28628 00725 82124 45103 21847 49603 07525 12590 38945
19649 11679 58757 75576 25826 27887 17464 12830 07539 97962
96784 61069 41586 05776 90451 35906 15761 14010 05414 14735
05293 15085 60193 47272 19294 32177 33733 18544 09423 31274
69420 87740 57942 30199 63968 51398 87350 15553 95857 04330
58796 03493 73005 96746 51435 05308 04370 11011 39945 83708
25162 06452 12360 10783 30359 05693 95434 63542 96210 20909
79712 18012 94414 43471 61481 27784 28658 45409 43826 97991
48211 66117 63931 90621 18259 82763 38862 22119 51656 87819
46971 39204 31798 22163 87148 83865 81290 37178 83089 83435
56109 84300 24764 26709 69934 55443 64288 12036 78349 22735

08374 78315 77588 51012 74544 54846 97523 81510 03317 90961
93578 10170 43517 51381 67254 88225 00000

17420/15673/13361 kHz, 20-05, 0600/0610/0620 UTC

11166 40122 23564 20069 00049 00000 00000 00000 00000

17420/15673/13361 kHz, 27-05/28-05, 0600/0610/0620 UTC

11166 40122 79254 23089 03779

05141 97336 35168 09015 28780 40621 91790 66857 60287 52886
43080 54665 63830 31709 35589 73532 61557 46196 81716 94808
31974 72644 56775 39174 74052 58820 39121 71035 47996 71533
66786 75456 28602 07206 09058 09781 32158 70108 76429 47160
02817 47968 17375 54159 69373 39623 75374 69632 08397 14414
04628 77055 74642 08005 67900 87501 84686 84313 64937 75453
64727 18248 64880 34631 98475 78923 41118 46027 36085 18065
32029 75338 50057 93262 76033 41976 49046 80786 94395 26851
85529 57634 20224 11110 18244 57507 97099 63019 15357 30399
95766 15184 09293 60485 22330 99276 39163 22000 16395 30486
41722 77789 62583 58850 76799 50232 63867 29675 98150 19201
50158 20223 05640 26772 20584 44860 39721 93356 42896 45843
04137 74946 58449 11944 27776 16154 66174 92086 01631 78755
83997 96202 51789 50393 11145 00468 34401 63151 39752 99128
63548 76679 89233 70098 07971 05556 61847 46507 17576 95570
42877 11400 65663 78634 93893 57762 17819 60974 12514 81067
63403 24326 57097 96533 70573 44799 59831 98273 50777 59108
76623 02522 43664 32850 47254 42138 58332 10525 64216 04565
31875 51978 73688 30429 91134 84959 57067 14980 28630 28479
66513 79534 28572 66657 12928 05149 03920 77743 29821 45664
30409 48002 61481 62352 88486 25150 48914 47316 49095 91032
11958 27857 64246 58221 51042 68983 48312 20226 17001 16251
12564 73001 30333 39402 55318 05367 20963 15767 49226 15292
72411 81628 19183 56133 70864 39958 15288 29534 55284 14260
73483 82373 70872 59616 89573 70596 57003 46109 55056 32136
80562 69286 28210 36102 50645 67366 38876 00423 75528 49873
50365 95138 47869 67375 26930 73524 69066 77037 80245 98225
48716 83651 93327 54610 40103 60846 45333 68514 97668 82162
85671 70561 67378 16672 30879 74259 45953 68844 82674 60054
69870 67334 90648 82523 20096 32381 08025 42904 53477 76510
13910 94140 96726 18225 00505 70641 63948 13372 48677 59925
83632 33870 40361 58355 46062 48490 81204 78136 07065 85375
31914 97776 09055 80982 71724 73185 05293 45140 42433 51612
98304 96909 46445 55598 28407 50927 97249 29135 73255 58927
45787 63226 44376 36132 31123 43017 91600 27181 28880 83707
51350 91312 95861 47413 99710 11458 34303 58176 96218 56958
24188 57304 29316 54580 97075 66228 99406 47516 49857 49075
00433 47061 21902 92124 85940 89375 00000

Link 60070

11523/9317/7571 kHz, 05-05, 0030/0040/0050 UTC

11166 60070 19672 05001 00049 00000 00000 00000 00000

11523/9317/7571 kHz, 12-05, 0030/0040/0050 UTC

11166 60070 14789 12075 00049 00000 00000 00000 00000

11523/9317/7571 kHz, 19-05, 0030/0040/0050 UTC

11166 60070 14569 19001 00049 00000 00000 00000 00000

11523/9317/7571 kHz, 26-05, 0030/0040/0050 UTC

11166 60070 36987 26001 00049 00000 00000 00000 00000

Link 70048

12178/10218/8115 kHz, 07-05, 0800/0810/0820 UTC

11166 70048 53914 07001 00049 00000 00000 00000 00000

12178/10218/8115 kHz, 14-05, 0800/0810/0820 UTC

11166 70048 17935 14163 00049 00000 00000 00000 00000

12178/10218/8115 kHz, 21-05, 0800/0810/0820 UTC

11166 70048 96547 21001 00049 00000 00000 00000 00000

12178/10218/8115 kHz, 28-05, 0800/0810/0820 UTC

11166 70048 12347 28001 00049 00000 00000 00000 00000

Link 70059

12219/10448/8139 kHz, 04-05, 0400/0410/0420 UTC

11166 70059 78945 04001 00049 00000 00000 00000 00000

12219/10448/8139 kHz, 18-05, 0400/0410/0420 UTC

11166 70059 36547 18024 00049 00000 00000 00000 00000

Link 70202

13836/11163/9271 kHz, 01-05, 0700/0710/0720 UTC

11166 70202 13468 01001 00049 00000 00000 00000 00000

13836/11163/9271 kHz, 04-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 04-05, 1200/1210/1220 UTC

11166 70202 85471 04068 02179

86055 55397 50653 26058 05543 74596 99507 54817 72861 34156
38992 94950 58475 43890 80657 91593 99952 26088 83187 49360
51396 81420 75701 17642 53682 58863 01090 75998 05174 28045
71546 80590 37624 77493 53500 57579 26935 87178 24127 54441
93466 48823 66631 85125 71591 32404 96485 30000 53164 22272
35816 76519 34615 71347 78113 11553 22335 46822 10473 01311
76056 65790 85533 19801 94905 44270 60314 11769 75821 08037
44136 01036 99017 38710 22807 80190 20195 53532 51267 42570
74168 42280 31883 42452 19614 09732 20563 94419 79613 97152
27904 47815 57688 81212 07535 97231 34012 73781 48866 14980
71478 71047 16408 16462 86329 25385 02868 94391 63015 38416
88203 82807 17983 98697 21816 36796 42076 12478 70078 38887
76238 00956 96386 68040 00206 62483 65909 92167 38866 23143
92239 70130 15993 24146 68127 74145 10028 19482 47477 68537
91591 82257 70807 05779 47435 43174 51354 25749 20493 09555
64001 69160 20744 38395 04240 41074 86554 61837 09325 85455
01203 88535 58830 56700 94265 29334 96791 99075 82550 20694
42607 69998 30277 44322 82904 68110 33169 66417 61549 52072
56173 44993 09986 61009 79473 78695 85094 72569 32493 95569
06764 59505 20572 05200 12348 30733 74007 62671 70212 67801
74151 17780 19546 92706 36237 47937 28634 27996 53638 98203
88767 35089 33234 76886 85996 68215 00000

13836/11163/9271 kHz, 04-05, 0700/0710/0720 UTC. Two messages

12194/10523/8129 kHz, 04-05, 1200/1210/1220 UTC. Two messages

11166 70202 46138 05069 01699

85775 82708 10188 60705 99132 46665 17299 40222 53137 81891
34974 13965 36872 16589 93170 51424 71302 98139 16555 89775
86516 73047 93001 20125 71716 30663 60941 68000 96407 02862
76493 72760 26209 36858 46319 95622 81737 83365 37142 10992

13990 67264 97853 60771 94668 32985 55169 76357 44890 81779
68742 97991 50700 43079 56701 46166 38854 47119 27522 24767
11282 91021 79197 60646 61682 15526 51621 09300 22687 34541
43133 81350 17023 84732 27166 69525 11125 87303 29924 80795
94614 39174 55035 03393 34110 75749 66113 63365 74777 72445
63165 50384 88080 77181 13793 17461 89156 91012 25103 84290
72261 39096 67290 98892 37714 99176 84811 37234 08786 79775
56095 45537 61969 65282 87725 54941 19060 70118 54037 23227
74494 69179 18055 83266 56381 96727 94720 02907 44654 30934
42340 85965 94804 06248 93197 69026 40599 20789 59256 93721
74260 30947 73904 59192 27507 50374 55668 84412 01923 95558
04838 35063 22075 45171 68936 94641 09823 05363 37983 84501
03262 98217 55468 62505 68721 15523 55997 69167 00000

11166 70202 28791 05070 01779
34699 51875 03785 17623 04000 75462 23830 11898 63112 97097
99402 11803 98113 75962 45329 61061 50650 10392 78844 48665
54717 90554 26747 63359 02842 98105 67402 22444 83845 63748
62309 48331 59376 18644 56901 91293 71394 00606 55262 21840
97812 01022 98475 41159 98454 63423 01260 83067 18546 69670
26592 05894 41901 74657 03021 97751 11015 75495 14321 43620
56227 26109 16223 27683 01163 33174 59860 69356 36629 94347
26655 16446 80150 64715 04310 43875 63344 62398 58609 31409
14313 49263 80695 18826 27237 47664 14536 61968 36375 79152
94240 38101 36633 36109 45939 74039 17911 22211 33891 95451
05405 22690 55524 20802 23053 90315 15088 48355 22312 58031
30599 09688 43456 14198 53789 88134 01582 01359 07718 25625
14506 24496 71749 66323 14748 79676 68585 10532 12780 39064
33034 77282 03736 53199 67201 99055 34760 56521 11801 97068
75198 87029 88260 10567 56794 56061 91319 78553 76104 29090
36800 97402 76302 03505 94244 02786 50569 94298 59099 49355
34245 63602 44141 86612 77945 55004 94827 54417 18825 18594
58257 46546 92157 37662 60440 70175 00000

13836/11163/9271 kHz, 06-05, 0700/0710/0720 UTC
12194/10523/8129 kHz, 06-05, 1200/1210/1220 UTC

11166 70202 56247 06071 02559
24964 37698 28732 38223 69802 35959 71142 09609 42454 73035
01700 68636 70657 88673 99381 86440 66324 98559 98259 86575
88204 76393 41616 34355 82379 25124 81866 55211 67783 73281
05969 80488 58924 57340 91005 44116 42999 76065 19636 78597
53600 27756 10091 83756 08179 66345 40411 66670 01474 37283
71612 76236 72083 79140 99457 80799 84367 01878 89537 62288
92871 77703 75333 25294 81453 05475 23958 44518 94308 34567
99261 99051 01079 59158 76987 66893 63225 18854 91659 78172
93862 66601 19911 50487 28234 89827 29906 54825 47024 95737
51582 85472 19684 96702 47367 32371 59971 56696 88075 79359
10876 84692 63671 76720 01138 85979 83578 61492 40523 07319
46231 23961 46067 36892 82546 43790 16458 44965 03017 44216
96750 76221 03096 37738 00601 29681 06580 61766 82209 87166
51656 27630 75160 76235 49325 31417 40336 78520 68866 00061
90106 19425 30040 71115 80975 00097 06725 29668 91870 57627
71658 50812 30264 64410 36986 21126 33314 02602 70292 37589
56213 74607 90810 07386 64933 35550 75500 97015 75547 58644
29664 04168 07327 69417 01815 50774 41789 09719 47462 20705
04900 17449 71512 90521 14594 32949 03973 26735 60830 67992
88639 48010 10339 98302 89463 75741 53277 65554 44282 21453
33956 99775 20598 84445 32843 98104 53096 58141 92019 20825
67588 68550 01284 90630 21073 93311 87081 06045 12589 34731
71466 04943 44568 45264 93256 39100 39349 28878 08589 45728
40572 66728 13061 26903 54108 40590 52632 72855 08237 52481

15494 90041 37746 63913 22075 19932 21645 03213 55380 59466
29180 14338 98853 71253 00000

13836/11163/9271 kHz, 07-05, 0700/0710/0720 UTC. Two messages
12194/10523/8129 kHz, 07-05, 1200/1210/1220 UTC. Two messages

11166 70202 29735 07072 01759
06646 89050 32820 33251 82703 88358 43089 46505 24826 09772
61874 87615 09190 40015 26982 41496 14737 20642 55432 14510
54608 98980 66937 95622 00653 44406 34042 50851 74436 97144
94861 30705 03193 41775 89352 95303 64151 22628 05063 86853
65687 43268 43288 04181 38717 17243 41568 58996 36794 62294
13485 18593 68327 55205 91668 64649 09369 89490 84969 22842
70401 03097 85728 42940 15577 68310 88083 34077 57820 61072
03242 84885 78265 51854 82669 23185 43426 85324 85129 94907
18578 40958 48497 66944 00757 91795 52305 83613 19824 03532
81944 31422 81044 41131 30468 91817 47593 75139 98924 86620
86453 04899 81166 45812 26122 40840 44070 52379 99574 13047
39100 43894 70916 98274 06160 75520 69168 82614 55670 74134
77613 01994 39799 38247 52154 27691 48792 63408 67101 89054
93346 97794 11853 50629 58944 57660 86883 85849 43102 57328
72483 14509 11473 33434 68700 96191 33726 68086 29898 96839
85151 40643 42393 70657 24927 62788 18582 24532 86979 76595
06022 57165 44386 20274 34887 90097 33241 91265 52235 32815
46941 61407 16534 72173 00000

11166 70202 19825 07073 02379
40537 27861 48509 69272 72631 71862 28634 82911 67917 93788
16058 60431 14857 11812 55897 73781 80010 67784 77710 47193
41742 14545 25741 77148 33798 52528 35739 85249 53423 89139
25560 39943 13733 19311 91712 08031 44990 50690 29058 21895
74514 21900 15834 73390 39881 87292 31208 70334 15110 66656
97526 16529 54535 83289 64468 01255 84029 38902 77270 09179
94289 98762 96235 86609 15849 85538 59685 25031 80526 05273
07563 47870 98981 53912 07870 11414 09073 77855 53116 55830
74705 86930 18987 67225 39850 43260 02389 36664 67433 74434
81098 27113 17770 84445 62159 84222 46238 60809 11252 51900
24883 01318 80202 78598 17625 08856 74817 25270 63779 27725
30252 10921 49555 19905 86071 56691 72236 04699 78212 14418
26721 10188 90032 90599 69115 09948 29617 01718 37066 43451
25553 21830 31513 43599 58340 08404 89562 19825 69644 17291
03157 70189 16558 42818 63231 20937 63075 43898 34054 16908
25960 42121 87417 11286 17197 02754 51392 28089 50209 34588
53312 95853 02037 69573 61686 75953 48655 08172 56727 33974
15630 41371 84176 27602 11290 85301 72118 09449 34605 89382
15477 68255 74964 03942 57860 56916 46026 18249 25475 80750
20848 04894 92764 44470 60468 31447 84480 81277 53135 25352
43861 12523 06364 02967 21620 11374 59014 98709 65413 68923
05582 55240 14490 86170 49872 60609 29199 40329 30266 43324
10054 98877 83754 61254 86028 79815 40922 45329 76787 81531
69084 83955 58520 30751 05751 73235 00000

13836/11163/9271 kHz, 08-05, 0700/0710/0720 UTC

11166 70202 85623 08015 00049 00000 00000 00000 00000

13836/11163/9271 kHz, 11-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 11-05, 1200/1210/1220 UTC

11166 70202 38915 11074 02399
63271 05877 61523 05123 36306 14918 30261 87475 46386 81808
71698 52139 69869 64006 26416 43484 10996 69694 45263 40450
62889 31555 01984 38385 10457 90016 53188 67682 17369 96911
00387 22689 64314 75473 33759 99291 30703 97633 62344 64639

37021 64527 60352 07430 90013 01169 84269 42199 97890 01216
40456 66058 47736 82781 07919 91298 62314 41203 45944 02324
78456 09736 41289 10326 14219 64083 74600 04164 16996 31723
10768 20865 09779 91940 42890 84186 77746 77542 44532 84694
62376 14148 09987 99776 55259 58031 87194 77028 08813 18425
33042 29470 06077 75242 45701 16003 56771 28141 53712 05568
11822 37876 66486 48424 13524 45872 15929 03004 23534 82959
43861 91758 95894 03205 14925 84462 87251 03777 59671 32377
21473 16788 77505 01747 50851 84044 54188 80041 81070 50641
73573 53391 52133 38347 28265 78653 92432 84708 58901 98536
88155 58815 76725 73242 35203 89662 49156 27038 65821 68052
53022 33211 67129 07960 25172 85840 33717 78316 65127 31823
21529 41142 69473 61589 95191 56952 02685 81949 85996 43398
34050 19504 02702 98064 95409 28059 62367 21362 39377 98487
33388 00456 02734 94460 07926 40170 04692 62501 45920 51798
34705 89793 57869 35765 09517 08177 18575 19069 04138 67774
29017 33452 86431 28686 68576 45228 10008 44185 04769 72703
45096 33857 52683 52146 52104 70116 01323 38211 27528 26541
49021 49788 76924 61459 15130 97191 94618 35230 20169 51639
54828 84649 51608 42945 43915 02927 57496 74237 00000

13836/11163/9271 kHz, 12-05, 0700/0710/0720 UTC. Two messages
12194/10523/8129 kHz, 12-05, 1200/1210/1220 UTC. Two messages

11166 70202 95647 12075 01999
00355 77005 97446 94699 26722 93278 71595 82367 14821 08254
47296 07090 79963 93881 36233 61924 35665 33822 12154 67838
22857 88283 28811 32142 45849 92551 06356 49220 19706 12647
03379 29481 58741 06548 16782 67461 60819 64419 76665 85039
67131 26285 28434 10670 02162 00574 19285 80604 23508 31985
31281 73012 36254 92105 28201 10957 51583 91225 08337 95148
94317 34772 80438 52428 89063 72815 04999 10906 79672 16082
68042 37701 61674 16903 79635 00213 32393 38543 14287 36868
88432 61349 35423 48277 25198 99150 71143 44736 18172 24346
33426 11017 90602 25130 97982 74378 97314 43277

11166 70202 54678 12076 01539 83874 88698 34800 43024 36699
12812 81783 42336 16852 39643 86805 24417 25311 38123 89715
39477 42887 36106 23807 99062 27773 01883 92119 01366 60854
64456 37608 25779 37203 64790 68082 01363 27205 55184 21874
78942 55755 88994 85170 61491 72954 67864 96934 72511 14744
38672 02367 67086 76927 57364 40841 15299 51003 61872 79244
12695 95250 21307 26671 97493 39511 53596 91397 79218 47094
28782 66081 08440 82252 00136 52123 42321 56662 30305 59116
85653 53337 04660 40348 12068 51436 49032 50256 95101 00369
94047 34810 03830 16670 53214 90728 42721 02059 06979 54489
40430 06128 09916 07060 17196 82096 63265 05284 85543 09076
19971 75877 63977 79264 14440 32943 08343 73531 34193 04971
90559 73808 75591 82243 79398 85745 50841 20590 03002 70049
38450 62424 97827 05953 94327 61005 73704 35256 65723 18861
49693 60360 75178 76306 40429 94758 66684 10999 97647 89390
31244 34464 36571 83319 54003 96531 76151 00000

13836/11163/9271 kHz, 13-05, 0700/0710/0720 UTC
12194/10523/8129 kHz, 13-05, 1200/1210/1220 UTC

11166 70202 46138 13077 02639
36680 63830 51581 10514 31955 27578 45349 45424 91457 22787
74632 81754 41330 06518 31445 88141 42604 48162 58908 36028
06672 50553 75562 14967 40542 20006 44305 71061 07826 14967
34398 10752 16368 27968 49974 37103 68492 80563 23493 10818
34774 35948 97564 53132 37280 58937 43599 32794 53233 77994
90709 04320 75010 29002 63298 89697 87430 85451 50778 20742

48271 04756 57864 84277 82936 45355 08859 37340 29226 34313
04387 84593 93140 90088 54006 35129 01662 30173 33135 80856
63433 18275 37733 63660 73300 30744 35174 23512 21630 46924
34750 44733 94349 93115 26235 42579 74654 94839 59960 57355
82306 17088 66828 48231 11470 97257 41701 03954 53017 00438
38614 12639 12253 51752 51235 57835 57975 25444 77019 33048
63830 95378 88493 91898 27883 76665 60103 76123 81353 13077
24068 88591 22450 89958 53675 03528 36231 77314 97452 31129
86450 32755 12661 78763 90305 18992 71535 75946 12031 15581
38723 55256 36286 29582 43344 06416 07259 34835 94124 45688
44428 94537 11033 67804 70932 46809 71848 72588 15461 57934
97126 83485 73630 72962 21963 00167 39766 18370 28018 52403
45025 36445 34238 47399 62813 56113 69699 27775 67425 29869
77018 82365 56835 91505 19768 77060 75592 14338 92333 97833
98754 74601 55654 23172 62787 49712 47268 68095 54373 06076
39125 66929 93077 56139 41580 87053 68790 89365 77021 90777
19894 06824 71564 87559 63092 14075 38249 43742 10833 52052
50176 41994 37274 70614 27025 07646 78711 74463 83390 44108
79425 96109 12366 44564 18873 75578 02825 72107 81157 51543
13831 25539 52738 93566 54606 32986 59281 30153 43516 40541
77618 77261 00000

13836/11163/9271 kHz, 14-05, 0700/0710/0720 UTC. Two messages

12194/10523/8129 kHz, 14-05, 1200/1210/1220 UTC. Two messages

11166 70202 64589 14078 01839
91033 46846 00913 93435 27961 89957 20851 75100 46445 34651
12986 15728 32463 94661 40299 76788 01154 59638 95744 21558
36446 61988 80192 23604 27253 26621 94930 48033 67441 39551
28402 03926 11761 96276 41864 91398 04914 15888 83668 91736
25956 31829 86838 74027 15224 95264 29630 16737 75960 51975
63775 67664 67841 78730 40087 90714 34578 90068 86114 72920
32799 51424 15535 90160 54377 59544 73971 55007 59412 76124
50929 95134 62032 25605 12527 35738 36233 93061 34716 84386
33905 83142 41682 41765 32268 25965 79101 86720 52881 40927
76954 09073 19430 94370 81575 88611 46458 12027 61626 43721
76257 32179 17688 98075 06079 10496 50144 38835 72870 12455
65066 64784 87718 54300 22763 47850 37185 78482 58696 56433
93723 74497 31452 14000 02371 81075 77440 91358 35891 30665
77035 56065 35564 22125 61813 27404 79809 32586 17599 10359
47828 04408 63003 07040 70446 68170 08129 28974 85363 87640
23148 58727 38976 37642 71419 34271 01971 50784 86857 54539
90876 93963 00215 29624 12760 60598 43987 24024 75255 89517
90611 66409 29112 46448 03660 24323 35444 29038 06704 67253
74887 78181 00000

11166 70202 62347 14079 02299
14578 56131 25019 51733 05110 38139 94593 61259 80843 56445
79906 34754 73101 92336 85800 63494 48593 06004 21402 09002
69399 55183 87100 06701 54998 24067 12803 25921 26038 60883
39637 47187 34528 47627 62309 42728 10146 50338 74283 71150
77345 23399 82987 22209 22958 66261 87224 72606 18957 56061
33977 38776 30100 04546 96796 37567 61110 12753 42956 90776
23105 21884 81569 34475 23943 83808 09848 19043 12190 99628
99687 10879 29381 99756 91784 31698 50276 63919 89449 96366
15786 04560 69318 35212 88266 62039 51149 11741 83857 85104
93881 71704 61567 95039 10161 84451 73776 56948 16498 62501
07861 06606 61270 70276 73606 06308 97739 57937 16128 28171
94269 81247 58941 88301 98946 93413 06925 80287 00783 19835
63805 81442 54680 51699 43904 30242 62361 19371 82796 98383
26437 31489 76589 05923 19813 90736 04494 52903 37609 22203
14397 65937 23792 75284 76096 83153 89695 85049 31911 25978

66631 04025 99327 31150 59762 40321 05406 41443 95434 63049
57583 78511 79156 60954 80619 46299 06405 65215 74325 38457
93460 72335 71780 48201 20435 28074 02737 04047 03711 58348
91874 79860 39943 58047 46616 52670 88852 73688 14174 06658
86956 40864 12527 06792 09457 62410 65008 90515 22451 38233
93195 50945 92673 82734 47788 10011 46933 90774 82160 04971
98449 38104 98279 36747 82277 27205 19671 53510 66987 14486
71126 67964 34816 79757 69833 31749 47453 79227 00000

13836/11163/9271 kHz, 15-05, 0700/0710/0720 UTC

11166 70202 15974 15013 00049 00000 00000 00000 00000

13836/11163/9271 kHz, 18-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 18-05, 1200/1210/1220 UTC

11166 70202 97524 18080 02659

61663 66480 68877 44114 20097 41595 95028 06976 90921 58272
91076 50033 17857 38984 63787 54165 15527 83007 15283 33669
48856 57117 65252 91064 25829 53172 07634 44262 52079 54785
12708 80776 20726 80257 10542 18685 35902 93979 16711 79008
93411 03469 86250 99207 66957 84237 06767 42476 73364 99689
66639 82527 15254 08217 59265 68552 24590 74691 09276 00042
55543 28542 31655 66161 00113 35596 59721 29366 24935 75883
02877 57931 52722 44581 20090 37113 36768 18295 20038 13592
01960 53850 23845 52916 50723 11802 51350 14619 57361 21834
16861 74697 99193 32235 45302 50140 97956 10658 44724 05198
69899 88317 96091 44076 08001 64850 46291 19745 44757 15998
15307 13544 68974 71306 53488 65280 94997 54041 09853 58501
07824 00494 97368 90630 32529 00862 66135 82651 01451 28916
20421 08034 17559 52608 40485 45583 37457 42828 95116 85907
22456 22501 55842 46177 31138 23190 48721 72879 51874 41418
04685 37247 98718 11880 94343 53053 19114 39732 58206 71446
86853 59159 68244 32539 78741 10394 81747 78408 58365 52379
73391 57221 15457 53269 56476 73149 34236 25942 29259 61785
89210 00726 07317 95718 91849 52514 27889 49990 36570 24469
37127 82089 19485 15486 96190 06192 28337 23625 67132 66318
27061 62680 64499 38116 83415 94081 83602 13933 13121 41319
41378 50882 38929 79071 90783 86586 88082 14230 94672 52278
76585 01006 70073 37957 53727 57306 38817 89282 05299 74565
45455 40892 38940 38222 28391 15836 00051 01031 55178 45807
91705 76389 57917 91867 97012 43875 29682 70339 27349 84172
67924 13569 44911 85592 75782 20239 33025 89345 57245 74914
12642 65789 67095 80263 00000

13836/11163/9271 kHz, 19-05, 0700/0710/0720 UTC. Two messages

12194/10523/8129 kHz, 19-05, 1200/1210/1220 UTC. Two messages

11166 70202 34982 18081 01799

72056 18072 44959 90142 28200 96303 36480 13501 93603 65495
88913 86079 98659 52294 83911 33186 30245 67718 34748 87096
54200 38306 35808 03206 39857 47515 63336 32533 66310 85812
19643 11509 15110 32896 37958 54992 79068 20480 90115 63433
41871 49088 64256 80151 08167 57286 04740 59633 88849 66788
31450 32815 71182 51891 80680 80265 28496 06650 34794 49221
49102 08253 32835 75409 89151 00024 79290 95590 79093 42489
93175 61757 38445 05953 64650 92938 78534 03005 11330 25535
97941 84416 51503 48125 00280 46849 36420 31686 89043 25817
08860 91160 19188 72340 80147 39304 10136 36727 42820 18762
49894 07927 61126 23304 44983 81878 06539 44155 95834 57309
30477 02361 02384 82405 91429 53130 29517 00805 78651 73082
87064 70338 99633 66347 04047 52966 23530 50445 01829 99342
97726 07893 95901 76447 79747 14469 80956 11716 51676 80077
78950 52120 09287 63146 54849 61622 43062 44498 29730 05445

53309 71629 45936 94594 66528 09341 63969 89083 45246 57650
95812 83268 08497 22931 04359 21769 05129 53207 23647 19378
07133 73545 79579 83422 15179 82490 15824 81177 00000

11166 70202 54129 18082 02239
36105 15166 35454 46604 99865 23474 01777 88362 90514 41765
97268 80050 90326 98770 27381 32896 50249 98218 30751 15057
60936 17778 92667 12716 27015 24114 39108 94019 55506 58747
84781 43033 94341 74399 33608 55897 81919 26519 55081 16388
93634 49660 84947 93049 96308 73427 23635 25106 46481 57641
30874 89321 93479 51446 39957 65010 73208 06019 40046 39378
03602 95586 00006 20381 17679 26427 32156 49293 95126 38548
19423 30168 78356 29729 54293 18384 83976 56614 63027 35453
45603 92541 13563 02296 48967 46802 30552 08156 45236 75007
65955 57342 53495 35262 98645 61000 88332 69819 61458 66084
73458 16923 19107 38723 27287 82495 45429 44173 31443 26395
73378 90534 18109 42898 16209 28431 37151 40114 83290 23829
88984 48011 38990 46190 34080 09743 78053 39147 15080 35962
15935 65878 52448 26817 17499 46387 99591 91297 12542 28853
68384 18647 71570 62263 61056 81501 40263 62489 69348 75461
56068 89019 26903 24774 95368 74514 25813 08812 24642 74388
33259 89051 54070 28595 69195 41216 17029 52805 31001 22284
23882 01172 76038 27058 63548 67863 98066 13954 51241 19547
58435 04737 45848 76029 58002 87850 85373 81218 60712 80065
13887 31606 04772 26097 98411 54466 62359 40918 59187 52936
33809 24419 61761 60189 87205 03130 44320 69870 79323 78671
78721 34992 18855 87643 88650 52475 57857 02612 73345 75517
22362 82221 00000

13836/11163/9271 kHz, 20-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 20-05, 1200/1210/1220 UTC

11166 70202 95621 19083 02299
20210 53769 65658 42591 24654 96905 67487 90168 93278 86570
12857 24019 06447 16437 04488 04508 74757 58326 70602 93326
84574 08588 90576 50507 26855 50980 03110 44036 88960 34504
89105 33000 14154 89598 46447 10207 58448 31169 98852 15220
99511 21859 06001 53733 77317 94017 67115 84236 71205 53796
35188 57903 43068 15807 84042 22634 01332 41793 95411 27204
65431 81732 58223 86439 35455 40823 97278 93372 96653 20791
73519 89302 13507 08940 23056 27705 93014 13405 27156 92927
21933 68024 30381 59607 07602 55285 49051 03749 77093 20771
37228 01402 14334 77548 02409 75865 39910 23935 88112 79381
63234 23085 65549 20219 61763 17823 01558 71118 66954 79177
94998 20020 61643 12034 98798 49010 18547 66364 69820 52432
34549 27452 13752 30092 40491 83561 17208 16501 91130 94488
84220 32089 64963 09426 19315 67331 28597 07577 24355 35719
45362 59973 01343 56518 32855 35910 78366 53250 99082 02450
00878 78829 11917 90436 55489 03304 81536 25442 18477 25129
60540 47100 46184 91910 91429 65249 49500 41564 56133 26334
19610 99813 07282 88497 97202 94987 85897 28801 02326 76024
55203 31011 67066 44645 05231 27389 38256 37626 07917 92925
42384 20098 27375 15449 29901 75828 15031 90055 41104 05406
44311 11289 60797 68275 64563 61514 53904 29558 78911 18918
99227 97595 75715 33578 63537 63150 68336 45036 83184 76209
22892 39807 45413 21317 78682 72276 86578 83227 00000

13836/11163/9271 kHz, 21-05, 0700/0710/0720 UTC. Two messages

12194/10523/8129 kHz, 21-05, 1200/1210/1220 UTC. Two messages

11166 70202 25896 20084 01539
85390 56527 86207 91424 60782 44948 82794 32603 87104 24728
52495 85027 18344 74068 02706 42587 83487 10636 60402 08392

14277 49071 53454 70113 65635 21885 08841 59786 58465 12164
09942 09033 99481 71535 80101 35626 57800 21820 84650 22342
02941 63815 68567 74034 33948 41645 71978 63866 54311 36112
90672 04644 72375 85495 73824 06183 31922 57218 76113 04651
02622 18845 06424 74809 85030 81818 40312 61121 09825 16402
88436 88626 35970 61236 38125 39548 77492 75976 10280 06560
13554 10423 98801 58648 61524 88597 84717 80509 17716 31202
42202 71424 95489 64881 78692 14534 15413 91759 76252 52469
27148 17647 26416 30270 67774 62389 75656 91515 86220 00782
23702 38624 88498 07481 41858 93244 83420 04364 03552 17691
33502 33764 44253 83339 40718 06025 92993 96942 21818 94802
42646 20791 52870 78569 51164 47653 87743 51734 90965 16450
80190 53840 88647 79577 64240 90261 22223 57835 72573 42838
68060 84151 00000

11166 70202 26987 20085 01639

72971 06059 85772 42651 78302 36295 67254 63575 60552 85974
59276 99140 02269 47113 93285 38392 82732 61404 79183 13038
46506 56708 56540 97278 21295 30128 78722 72174 58571 44856
65861 34260 95381 32972 87614 53084 60785 21393 61643 07356
75361 23148 78751 54402 17219 61177 90630 12604 52946 16836
21124 61512 56942 20296 86979 89332 67560 25023 39003 42447
53512 33532 59559 56689 88956 66588 77366 75034 60719 93069
85503 81409 56083 62639 73584 05297 04574 08458 10023 76838
72199 12094 35343 37100 31553 47823 52452 33211 56246 48523
24829 53050 13090 60326 18560 79169 50462 78233 49155 66645
06317 79875 19099 74540 84248 99600 57043 05671 71061 10088
94614 34355 94288 03661 41750 26847 43080 90499 46500 84125
00915 55939 50253 61733 63559 44027 74296 46366 40725 59545
98672 93870 64850 05677 19251 58369 55450 99500 93959 67180
12468 32509 14121 21226 37072 68330 61816 25617 03328 94845
39228 80100 29189 72893 80885 84062 20241 48732 84764 35757
84635 85161 00000

13836/11163/9271 kHz, 22-05, 0700/0710/0720 UTC

11166 70202 98172 22035 00049 00000 00000 00000 00000

13836/11163/9271 kHz, 25-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 25-05, 1200/1210/1220 UTC

11166 70202 75492 25086 02219

52285 64313 84565 44713 56496 78764 72544 06855 96711 18710
23134 96842 45431 24053 97945 08158 72167 27989 66054 76671
83805 77504 00255 30697 18557 21945 13656 42686 48232 43085
03791 18534 68488 25149 96428 85411 81761 88194 06293 64075
02554 33326 56851 36587 39779 73157 26381 45378 35844 45964
12486 84601 67153 36967 32265 69705 35730 55184 00307 96169
06637 39279 51707 23332 70881 90859 02292 44261 38509 58649
63234 27593 91541 21978 52255 42282 51482 47028 68593 01198
41050 14265 23933 84505 44844 40506 46471 28775 98618 44046
00323 92746 61858 26298 87444 35687 53349 68365 24264 69297
54413 65995 10202 69076 09515 51354 30280 56104 78918 75049
58997 85173 23078 46847 57659 00199 23457 58518 82362 42854
69464 37248 44794 25374 66180 03057 93069 03440 42587 28651
04764 10118 64958 25163 09343 36754 85122 02203 82174 71791
78275 75664 77314 33428 50029 21724 91240 57060 17385 00465
74741 23454 93323 97571 35126 38570 29698 57531 95963 00992
98105 06764 06524 17881 13444 90144 18114 55419 29827 69337
69497 34644 63556 56382 48582 08643 22820 80973 22565 82031
48830 14868 53723 58648 98066 01860 43034 28418 20319 66759
68818 29306 12226 01811 12588 45310 50979 53992 89287 26427
37903 61630 24123 41523 06573 13771 43150 00065 75177 30736

69833 03615 47812 89314 44735 13074 94373 41018 12589 86219
00000

13836/11163/9271 kHz, 26-05, 0700/0710/0720 UTC. Two messages
12194/10523/8129 kHz, 26-05, 1200/1210/1220 UTC. Two messages

11166 70202 59632 25087 01819
84167 67814 95586 57760 88220 78753 48862 43092 40017 15288
78564 23152 80017 23445 08471 59979 09105 36134 20573 25797
74809 98007 48176 12317 36534 85360 44116 15517 08229 13226
84992 00604 01935 46865 97387 76832 20652 59847 16992 36887
73957 05892 16575 40486 14815 96669 63740 46922 21016 02747
94413 26215 69681 19870 12974 03562 78275 67755 54995 16777
10556 13600 73524 91408 70900 37476 34819 63219 35457 81814
34508 02714 93541 52157 70095 21408 97730 61361 30748 64524
46081 34454 90305 19796 44919 16316 14456 97080 25626 49385
18001 58450 13876 13567 33163 03468 74744 45542 74861 39321
82135 79652 13899 90510 85964 77557 93997 27772 75529 38848
53620 20927 62513 09808 38509 45346 32053 32499 15892 96718
35310 01378 26283 93795 21985 19608 33817 73827 36207 72273
61056 10350 24249 58672 19214 08030 27483 50879 69714 54242
59038 70767 78049 32084 87584 02672 45848 24485 76677 83884
32115 64133 53118 40178 99557 08886 02742 58517 46959 47349
17094 14190 13511 64330 39423 94494 66067 20833 83417 86221
05241 28298 23149 19070 51288 21764 77629 82223 95708 87179
00000

11166 70202 64781 25088 02199
48289 37906 13361 57680 90516 15892 98758 68162 91151 13995
32971 02936 09656 60073 83006 10597 31759 71518 54539 88142
60587 29657 57698 78670 48908 59728 00688 08237 27176 89862
78428 97815 07069 87500 48410 11288 65192 96689 10930 25406
36660 24703 35917 32673 73210 51404 03533 13060 45573 59812
50715 35513 94755 11287 40879 75191 61944 13786 98943 57347
51705 56622 78880 63821 08178 10170 55965 63064 08937 13940
60930 49629 06222 01476 98194 04083 70222 35508 15364 09256
14089 51791 16191 83781 05384 35077 34173 18860 93631 75649
08991 29178 08685 79868 32960 53925 09564 33149 59693 68856
88483 38821 92155 95310 59737 81313 92299 17152 88130 87078
79475 41555 36660 81718 09793 64575 38113 66736 53632 27439
20277 64352 13482 74497 39459 03829 49298 48779 01986 47732
03579 86074 78383 81576 43315 93492 39917 15279 61042 23431
72185 69875 02152 78892 45451 47924 10660 11086 46398 11039
10622 95250 00998 12986 65382 95638 43186 61791 81838 55598
09016 09281 51914 73691 60995 91509 48429 51780 72286 68494
17546 26032 25452 36716 34994 16762 05441 12796 18242 58067
91505 11819 11819 93181 77726 68706 87972 46495 76835 76105
29836 08159 87037 37215 89307 92240 26494 56986 36832 54342
65184 20149 45246 79632 08806 29484 74912 77222 14419 02789
52301 41834 42516 51975 59213 68681 75205 88217 00000

13836/11163/9271 kHz, 27-05, 0700/0710/0720 UTC
12194/10523/8129 kHz, 27-05, 1200/1210/1220 UTC

11166 70202 27861 26089 02339
52857 08436 61891 91976 06366 72765 75193 55331 00242 92021
42642 57293 78086 43562 22774 24310 15944 01726 32871 45697
49934 69741 77229 58725 20385 94143 88017 96680 30908 53909
39680 04607 45856 41477 22804 52407 74592 77855 88400 00005
16015 28996 98537 94229 61774 15632 44248 02143 81619 33749
16672 10465 39311 27898 42347 45812 12532 84523 18608 95417
15250 37499 10013 33024 45950 03059 91746 79652 10190 86306
50933 53904 90905 26502 81796 91519 64905 73299 35603 38845

89003 11128 11330 49927 04208 73908 97995 41900 31418 17290
04583 88363 57065 40591 38499 55437 32130 75637 18512 10174
32971 84678 33092 56031 57421 34576 80102 75078 54558 39452
48777 81620 11618 88975 29918 16952 46467 04486 65256 39895
79081 90133 71906 92841 80465 71229 02862 47955 22450 36986
29457 63246 76810 29844 56740 03201 37132 48567 07702 03634
61872 57290 37275 85486 62048 17721 62073 47219 81995 86661
16772 90518 46623 46062 73106 58985 73619 57771 82386 94501
74027 60187 27497 40958 89644 48989 95301 50037 40671 09137
05401 68727 82050 90327 56162 13273 91943 43102 73993 59224
40761 57775 76751 02303 14208 73391 87272 69742 88762 48885
57919 86812 83041 13638 92112 28208 33474 39611 73765 08980
67732 02259 40570 94711 74357 22390 62068 35621 92012 06173
08440 54273 66793 25482 20962 41593 51060 05754 20055 40870
42191 13555 11870 24437 84734 61044 79346 92709 84359 69518
68681 89231 00000

13836/11163/9271 kHz, 28-05, 0700/0710/0720 UTC. Two messages

12194/10523/8129 kHz, 28-05, 1200/1210/1220 UTC. Two messages

11166 70202 41963 27090 01239
19771 07977 51488 59514 67244 45190 62860 73254 72189 10404
87765 73903 65718 77811 65315 72719 57617 38800 39732 02219
42469 01314 00896 37648 00791 64301 00375 95912 87384 28219
47638 35367 24082 27484 16127 04934 39065 95858 13881 15972
19963 00668 98395 35337 72905 06806 40416 23071 04716 56471
66332 63155 70439 75553 33886 60775 53392 42620 20858 04516
69916 81442 31434 16944 16027 62993 49936 42005 98144 27847
96599 42674 15097 64937 65094 07292 83573 07597 46467 88042
24232 32814 69200 19986 50629 74661 10069 94100 28177 87809
55485 82762 95301 22082 18027 41113 64002 93984 37815 32727
41983 66143 23456 53053 43565 70584 12215 49031 81547 36811
54112 58344 57218 10590 49643 16740 90692 74408 95788 06850
58774 90121 00000

11166 70202 21539 27091 02279
93341 18297 63839 42088 44531 30337 40345 85335 60350 87320
14584 02650 75070 89477 07117 68877 98165 35327 41280 29397
74952 18623 96651 11167 60610 92185 96978 06144 56012 40822
43524 81750 78811 30518 29757 98080 68226 26076 98328 36531
46939 94413 26272 69548 88579 35677 49361 26172 64197 09390
61567 33066 66183 47793 50550 35738 33069 73599 55124 29599
23640 64305 55633 55600 13806 30297 33170 40085 14661 98891
58589 83582 35172 21544 97230 28207 37935 46365 40316 58359
61436 23176 98933 14417 07248 33258 21564 24103 15613 61006
21069 81209 77840 49658 22110 26384 58955 08295 64887 09644
29037 62297 26192 39320 26697 64452 43657 47118 03107 08883
54186 23973 20045 15004 82469 06396 00378 73685 40538 17998
54421 72803 24293 95873 30614 44378 17941 56540 63954 00487
42278 81108 20621 50118 07765 24386 62224 14190 58313 77589
78122 80882 16741 39359 59250 68505 67824 74762 11872 88058
39884 66971 34736 22698 70837 91304 08022 66275 69677 66319
67562 88158 09277 61644 62740 16492 11501 67233 21527 57121
10523 53737 71078 90332 05312 78674 87339 12623 37215 18089
72088 15672 53572 28385 80860 19711 43309 68027 50189 03473
55431 33788 97596 97908 36379 91230 92784 35870 47152 04131
23441 74924 46172 92493 04130 35510 48793 73888 01666 21610
99417 67757 75448 16131 17140 67411 56163 68176 00874 09380
11303 14404 04879 94819 70942 91225 00000

13836/11163/9271 kHz, 28-05, 0700/0710/0720

11166 70202 79462 29024 00059 00000 00000 00000 00000

Link 80214

11166 80214 37281 07073 00049 00000 00000 00000 00000

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11166 80214 51263 14051 00049 00000 00000 00000 00000
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80214 51263 21073 00049 00000 00000 00000 00000 00000

11166 80214 57842 28052 00049 00000 00000 00000 00000

F06a – FSK 200/1000

File 44424 (1280 bytes)

File 04418 (1024 bytes)



X06 - Mazielka

MFA Moscow clg 324615: Russian Embassy Madrid

14934 kHz, 17-05, 0816 UTC	MFA Moscow clg 351264: Russian Embassy Abu Dhabi
11638 kHz, 18-05, 0653 UTC	unid sequence
12199 kHz, 18-05, 0814 UTC	MFA Moscow clg 532614: Russian embassy Paris
12133 kHz, 18-05, 0728 UTC	MFA Moscow clg 263514
14570 kHz, 18-05, 0919 UTC	MFA Moscow clg 324615: Russian Embassy Madrid
12153 kHz, 19-05, 0802 UTC	MFA Moscow clg unknown (just caught end)
16276 kHz, 21-05, 0710 UTC	MFA Moscow clg 314265 Russian embassy Antananarivo
12177 kHz, 22-05, 0827 UTC	MFA Moscow clg 356412 Russian embassy Berlin
13940 kHz, 25-05, 0723 UTC	MFA Moscow clg 156234 Russian embassy Kampala
17475 kHz, 25-05, 0825 UTC	MFA Moscow clg 156234 Russian embassy Kampala
12177 kHz, 25-05, 1300 UTC	MFA Moscow clg 364152 Russian embassy New Delhi
13420 kHz, 26-05, 0808 UTC	MFA Moscow clg 534216 Russian embassy Baghdad
17444 kHz, 27-05, 0729 UTC	MFA Moscow clg 435621 Russian embassy Maputo
16116 kHz, 27-05, 0903 UTC	MFA Moscow clg 134265 Russian embassy Tunis
18660 kHz, 27-05, 1159 UTC	MFA Moscow clg 621543 Russian embassy Lisbon

X06b logs

13376 kHz, 06-05, 1957 UTC	Sequence 111666
14372 kHz, 13-05, 1753 UTC	Sequence 111666 before E07
11576 kHz, 16-05, 1130 UTC	Sequence 111666 before E07
11576 kHz, 16-05, 1137 UTC	Sequence 111666 before E07
11576 kHz, 16-05, 1138 UTC	Sequence 111666 before E07
11576 kHz, 16-05, 1139 UTC	Sequence 111666 before E07
11576 kHz, 16-05, 1150 UTC	Sequence 111666 before E07
12176 kHz, 16-05, 1131 UTC	Sequence 111666 before E07
12176 kHz, 16-05, 1140 UTC	Sequence 111666 before E07
12176 kHz, 16-05, 1141 UTC	Sequence 111666 before E07
12176 kHz, 16-05, 1145 UTC	Sequence 111666 before E07
12176 kHz, 16-05, 1146 UTC	Sequence 111666 before E07
12176 kHz, 16-05, 1153 UTC	Sequence 111666 before E07
12176 kHz, 16-05, 1154 UTC	Sequence 111666 before E07
10276 kHz, 16-05, 1129 UTC	Sequence 111666 before E07
10276 kHz, 16-05, 1134 UTC	Sequence 111666 before E07
10276 kHz, 16-05, 1135 UTC	Sequence 111666 before E07
14429 kHz, 16-05, 1043 UTC	Sequence 111666 before XPB1
14429 kHz, 16-05, 1055 UTC	Sequence 111666 before XPB1
13529 kHz, 16-05, 1039 UTC	Sequence 111666 before XPB1
13529 kHz, 16-05, 1055 UTC	Sequence 111666 before XPB1
12100 kHz, 18-05, 0534 UTC	Two tones
12195 kHz, 22-05, 0754 UTC	Two tones

XPA1

11169/12179/13431 kHz, 05-05, 0710/0730/0750 UTC

214 214 214 000
06787 00001 00000 40266

11169/12179/13431 kHz, 07-05, 0710/0730/0750 UTC

214 214 214 000
03024 00001 00000 33255

11169/12179/13431 kHz, 12-05, 0710/0730/0750 UTC

214 214 214 000
09253 00001 00000 33666

11169/12179/13431 kHz, 14-05, 0710/0730/0750 UTC

214 214 214 000
09177 00001 00000 35270

11169/12179/13431 kHz, 19-05/21-05/26-05/28-05, 0710/0730/0750 UTC

214 214 214 1 214 214 214 1 214 214 214 1
08898 00190 32252 67327 44733 45177 48762 15027 10503 92022
41682 15237 50070 88235 02024 61982 70295 85582 30647 17185
66037 90802 16902 86120 00926 29854 63689 43442 55751 44276
96808 98817 71761 22448 23039 71312 06507 61316 76473 75586
52393 02918 21877 75579 84484 81469 39617 78994 27196 94148
63655 17955 09955 86182 57430 17937 10626 05103 66091 88106
73517 38116 77521 34239 66652 09641 43708 04984 64533 49644
22503 01385 30018 01569 99583 04935 13827 31149 08556 07768
34549 92209 79183 67312 04506 29757 48776 72042 15372 89476
02301 60661 46376 57307 77504 35966 54533 72520 38135 91472
35470 02517 14271 63597 61385 22737 97198 79796 83857 99175
34340 28162 94664 61034 93207 32492 77973 04266 87413 72402
04809 11710 77209 54746 47928 38682 42364 61908 24976 68831
93066 17604 94740 42915 23262 47942 13063 73978 52324 36142
04368 00247 51296 31433 01495 92074 39078 47901 46729 21009
07625 00694 94404 05518 34892 95531 58307 06749 63165 08553
82140 11049 64083 33882 76982 41468 82027 23565 09929 67582
35566 29376 53169 32334 98115 12510 24921 63640 25817 78179
58489 06896 32876 75675 51677 65879 53403 80593 01854 53031
39757 42824 30673

XPA2

14794 /13994/12194 kHz, 02-05, 0910/0930/0950 UTC

03558 00001 00000 37660

15938 /14538/13438 kHz, 02-05, 1500/1520/1540 UTC

00490 00268 27876 98144 33064 31092 82032 39916 96648 82823
64039 61292 93270 27101 71447 28160 04704 38711 67672 06981
55207 38486 21809 86989 48928 58555 60479 09082 01523 61318
76650 53193 94918 32134 11470 71598 74237 99373 37146 86784
81839 09816 85795 43775 32192 55335 39434 66944 45787 25535
53366 77512 47585 48902 43324 65743 78579 10928 00755 84352
31545 29696 12014 65912 99290 80018 79451 76868 40338 13206
70039 85663 56103 45173 39013 14450 20713 79988 90254 55382
47848 68924 80841 36339 52786 11854 34427 90701 47936 82554
18788 45724 52899 33522 88249 87340 90575 49954 04695 56687
95098 72302 80102 22179 11361 02496 24372 30097 11843 64526
18281 25280 11944 52224 23789 24122 74752 00581 67797 38689
91494 76730 24594 00760 10491 44373 49650 64703 53859 24433
25567 95495 95974 93694 20212 29864 11149 63907 43982 58361
09439 71299 27586 34093 87926 31941 33047 03513 53825 87954
59512 37109 89159 79499 24067 50215 15683 46103 14868 12670
18420 23624 94656 42822 57622 47476 07355 66456 11438 38912
74619 88264 35435 14222 67469 36176 68903 97197 86547 05495
90522 51472 87950 19216 44526 23767 72912 29142 36400 65757
59354 50987 82982 50985 79933 07839 29860 30285 99297 17724
38094 65544 23702 02865 19366 95954 28922 09541 37292 69426
41381 11921 35648 08946 26041 69763 55470 38683 55900 43712
09250 17846 93905 30885 09342 88650 08589 78587 54991 79305
40043 32028 05262 10648 49837 42700 45422 24068 88222 39020
54162 00423 33086 02127 24058 64662 83156 61619 18406 15527
01848 59053 49895 86797 90806 75609 92875 10189 60098 64950
17250 93844 42396 50883 03741 62034 61414 41521 53177 94231
16777

13376/11576/10776 kHz, 03-05, 2100/2120/2140 UTC

00279 00166 78864 19865 34086 56673 84595 72702 96515 27740
61937 73867 26872 36382 37220 58092 57521 72674 20463 16660
27077 07795 00930 54720 96423 79796 32306 02517 49949 63653
45206 83935 33274 51085 24763 56972 99235 66452 23994 85897
60726 21511 38120 78925 97946 96215 44390 24345 51243 26090
47785 67223 04699 18823 49236 56809 28914 65280 63980 23655
55690 01745 09011 29654 42861 21600 96651 21353 65183 88343
04368 11242 63454 97971 63892 31018 31469 96119 02361 39107
27765 57544 79459 49009 13623 08632 07974 21213 68227 00138
37905 58851 07047 92029 82521 23384 89585 78987 65397 94984
50794 65834 89378 40578 59335 99603 39403 46246 60715 63282
81205 15054 40485 62191 54329 15685 24578 53958 16386 47767
70572 95723 22284 25895 01050 30388 46793 08483 56745 20973
79809 55648 27455 52195 45911 42158 84919 82245 50917 16650
60366 30483 58005 63603 54510 92672 40039 71919 95680 40510
49498 95126 40832 49526 18527 37589 70068 04650 80036 59156
23468 70249 33545 26269 79419 94950 61413 72306 07604

12148/13448/13948 kHz, 04-05/06-05/11-05/13-05, 0700/0720/0740 UTC

00336 00090 93165 24889 64726 10011 29261 57085 40250 58427
26826 91959 55655 20318 89356 04329 13882 81396 58230 69817
05610 59761 38288 86487 10138 71757 97173 46515 11148 48820
19957 60520 92420 96124 78275 40705 12895 75196 56534 19672
01684 44207 47960 19895 99166 37386 80089 42684 28285 62351
34101 49642 90606 87715 70056 31893 69614 61905 27474 99982
44618 48437 93196 08318 09832 10162 93816 15204 69370 94863
84375 51210 81052 65539 07068 79817 74239 67408 39226 87388
34097 23288 90347 64867 12147 31055 14188 20087 41094 52514
95266 14753 26226

17431/15841/13934 kHz, 04-05/06-05, 0910/0930/0950 UTC

01112 00099 14884 48571 55419 91407 06593 86348 29900 56335
54126 50376 01399 29935 90503 65563 54281 83003 80611 52446
45271 69203 47721 25933 19756 61397 63775 17844 58657 09437
89702 15489 18958 16084 67901 82073 58137 19761 06516 32532
42551 92104 07744 84343 07357 54122 99542 20955 67617 10594
93347 46276 18254 12380 50974 41720 90177 89130 13471 89417
55973 30174 67468 46464 83175 32066 64675 59363 73821 42908
54718 54969 00914 71714 32491 53329 59240 98881 75137 63380
77983 20444 19105 41499 98464 01166 76143 28423 09193 09155
31114 28039 81313 53711 14090 25328 13634 51842 41537 18875
66174 71704

15938/14538/13438 kHz, 04-05, 1500/1520/1540 UTC

07583 00001 00000 35267

13538/14438/14938 kHz, 05-05/07-05, 1600/1620/1640 UTC

05870 00181 61609 08758 10077 65014 66742 03518 30103 50726
43230 47461 99203 38504 99963 62128 30054 68228 68368 16287
59836 55531 79143 98376 62193 38241 13673 40736 12958 25928
17646 27008 20802 79483 38597 72738 15730 21852 70266 18568
13182 77618 05325 89103 10574 96702 76152 75276 64007 79053
44782 75625 75092 96704 77260 45248 52843 02713 23811 36123
40062 24435 92365 57861 00692 19974 57541 99341 07419 13225
99310 75318 79672 83319 83392 79909 55473 48201 51368 46758
98626 50835 46397 15889 84831 84144 46190 27557 44848 62255
95769 48281 05642 07334 74738 57203 21641 29648 07994 20064
07554 54067 18432 08631 69457 76852 71152 06513 29151 72897
12703 39621 29995 03486 32552 90717 10512 83476 88944 72802
68699 84683 13442 84282 71913 06211 24424 06438 12251 75506

00578 69710 15052 63301 78139 35543 27275 91535 13956 10764
68437 66505 02005 55936 50453 50956 01673 34614 89663 85293
16388 16094 64603 86591 05252 71336 39456 89624 89081 33488
49594 92854 05629 96124 39662 20332 35101 44672 66632 03373
23475 12933 18752 09428 47183 43638 68299 48370 94379 65605
63311 38628 75794 37147

13376/11576/10776 kHz, 05-05/10-05, 2100/2120/2140 UTC

00383 00068 30125 11152 99354 43235 35697 85043 28991 71629
25954 66863 66556 97442 60557 23295 53767 59204 63066 61307
55319 16511 98969 74382 07173 74209 78903 96787 26165 79213
44929 66679 10219 73261 61403 69952 69838 81476 74564 62836
48662 58695 63911 69335 47571 94560 60881 66299 60692 84915
87068 51182 03726 48421 71811 89307 18709 56402 05912 35093
04119 47356 49058 33677 91893 48862 82944 56074 82679 05170
54366

12124/11124/10624 kHz, 06-05/08-05, 2100/2120/2140 UTC

08445 00054 22633 04956 64354 69835 69853 92362 07663 80410
05930 97316 98510 13374 88718 38592 38783 30878 26261 38906
49807 19552 28246 87664 40789 43433 00632 37111 66668 81584
19103 99892 17663 72518 70123 06773 06503 17861 47974 33517
23299 91936 41438 81921 62788 91706 99106 66318 85537 52145
47698 64196 68541 54242 30904 81155 43360

14794/13994/12194 kHz, 07-05/09-05, 0910/0930/0950 UTC

00249 00099 50524 83947 95043 15425 26269 97010 72823 32888
19131 62404 59088 56361 32311 13964 36541 09257 34066 20948
43310 49137 92762 97384 14785 00558 30830 29101 89688 39647
44003 59147 25276 19554 93962 61180 88154 15799 47028 42991
83762 62420 15852 50142 70508 12481 89281 14486 07687 07331
32621 21780 98339 77388 80359 27465 15756 86351 23250 88705
96378 45482 04089 90539 13564 13687 30885 94063 36279 47814
53499 07330 40856 70961 94228 63934 20777 29023 19220 67923
65771 71700 56574 19940 09978 36117 85914 64225 72913 85647
43131 86321 22937 95799 64897 26560 87496 35808 96813 66484
95771 35324

15938/14538/13438 kHz, 09-05, 1500/1520/1540 UTC

01790 00001 00000 34662

17431/15841/13934 kHz, 11-05/13-05/18-05/20-05, 0910/0930/0950 UTC

00293 00025 42258 84990 82551 55305 03535 15058 84863 81033
97337 43753 82563 56697 60738 87156 30634 46180 55653 40830
69338 36489 80457 42493 82923 15701 27834 20242

15938/14538/13438 kHz, 11-05/16-05, 1500/1520/1540 UTC

00583 00237 58612 35530 12718 13153 42172 45753 76369 68233
46831 20234 68580 25854 49331 79329 18498 00783 81869 78675
78517 35786 24631 49057 58153 03769 72337 28288 41458 66558
38378 63282 06566 06568 46033 61064 65020 84645 44062 90602
28081 24777 82880 36258 86386 82687 36567 48067 67058 31306
28721 36806 38280 28262 57734 05665 08330 35326 27355 38286
00145 03372 27828 05658 80546 32680 21100 02295 35657 28067
63348 49290 80320 04186 86656 03302 84135 33554 73326 30640
51416 59195 76336 80746 63058 35877 58440 30065 08850 35367
36088 72500 53506 93332 87149 47287 73120 06042 42995 83156
36644 59351 45340 46303 76911 72262 82159 02125 37746 06865
33634 37826 06007 65355 60868 86336 84014 11453 87992 06750
71288 59036 60088 62549 15380 86849 46003 25847 14845 03286
30713 83255 58458 42524 86403 99033 88070 68808 20086 33600

05358 76727 29657 36304 02656 73372 73624 48699 30681 87668
88253 52325 03233 66789 16628 58053 80702 82620 32375 72262
44235 66587 32960 60085 64935 12032 92083 02460 03536 83663
35289 65895 60066 61758 48633 62661 05345 07000 65824 80879
77372 38299 05753 33383 36230 63199 78048 13103 33422 18780
65278 26524 48418 60990 48881 63666 04818 60325 50236 48610
86001 00760 32350 86688 36286 81460 43886 33736 80303 26483
30663 86411 38684 80082 88027 30509 06555 21847 74262 63072
20079 50540 08426 83265 03302 32636 08883 66305 08002 66335
67035 06083 80130 30857 16614 01529 54589 59450 45808 26335

13538/14438/14938 kHz, 12-05, 1600/1620/1640 UTC

03349 00001 00000 37257

13376/11576/10776 kHz, 12-05/17-05, 2100/2120/2140 UTC

00088 00066 38870 85388 11036 26031 26628 30006 53028 58665
60386 26507 65616 25272 27873 43636 82050 32800 58630 25867
43200 67533 28885 63845 25205 83860 33308 33816 66631 08618
61670 86868 30686 36086 14331 86430 08033 03001 27550 38600
86066 26283 82828 83062 83825 28668 60360 06555 02688 56800
50635 33770 57883 30533 62082 08025 56306 83323 83630 35338
60086 86553 05000 06506 63538 20623 06288 86656 72365

12124/11124/10624 kHz, 13-05/15-05, 2100/2120/2140 UTC

00593 00022 06812 78433 23559 59732 18978 76515 51189 17530
02810 31925 22380 67794 55859 26105 39711 91177 72987 38842
15542 08893 94677 09757 66525

14794/13994/12194 kHz, 14-05/16-05, 0910/0930/0950 UTC

07198 00139 62609 61567 18377 42424 49358 98597 77518 55587
10692 52384 61152 82522 78212 58886 56095 71463 51790 35367
44466 18362 28190 30852 66971 83080 82893 35103 63873 03395
76898 65547 79069 17468 06751 08545 63050 43220 41983 18384
42636 91382 16943 59769 66294 23080 68446 87921 57165 51028
78901 69273 01888 27393 95196 52067 55933 15446 88984 50341
25629 46852 97742 41470 33840 27825 35401 44457 48480 63498
53852 93394 18296 28710 01534 90206 30857 80605 64163 78097
82893 33152 07847 33398 35256 42777 09784 41291 63825 09588
61861 36048 53646 93800 58356 87996 29805 22347 31722 95603
21320 61388 84334 90913 55094 83193 79915 17403 25669 17650
58450 27508 42952 22402 65975 23679 28657 00969 95424 19674
26799 36469 75263 46534 68677 05856 40484 49874 80822 16359
07624 28878 31920 49169 63766 55271 74845 04029 04804 41371
87243 01624

13538/14438/14938 kHz, 14-05, 1600/1620/1640 UTC

08280 00001 00000 32270

12148/13448/13948 kHz, 18-05, 0700/0720/0740 UTC

04903 00001 00000 37244

15938/14538/13438 kHz, 18-05, 1500/1520/1540 UTC

04135 00001 00000 34257

13538/14438/14938 kHz, 19-05/21-05/26-05, 1600/1620/1640 UTC

00154 00310 52393 99045 90562 19785 35271 56250 26753 54188
94037 87614 05246 07762 74110 73683 20197 69458 08556 51790
35764 26541 39269 09895 74708 13031 66096 74145 37169 54585
73508 53884 09711 35939 93986 51680 24588 49833 76955 04332
61387 43303 80731 47407 28319 87140 46942 76219 23114 47078
23629 20340 69291 81971 18189 84183 4296 082568 01111 33357

78795 84568 25066 44934 23867 69046 23943 36719 73278 73577
35013 80002 55258 95882 14304 05064 65849 74781 10495 44609
79081 79413 94427 92841 37659 32252 26853 83279 15723 15593
48164 28769 26594 86304 62078 39797 14319 09291 12178 55310
47115 68953 78896 88132 61540 62536 85068 96976 25786 81190
86367 55265 65441 30460 59710 80263 31293 05621 40964 75594
72658 51326 61022 39696 25452 82405 46108 06253 15398 78462
91518 03607 58611 11872 60195 20664 93100 92531 07462 91641
77893 67835 62858 62191 41517 17535 48015 45126 30168 33408
67230 27140 08635 05576 55522 12479 93333 48767 33449 19636
72102 49005 90011 55744 16923 04059 97054 42566 36804 20484
35133 31080 29947 54272 55734 72084 90009 96888 76106 25144
50397 99639 40533 88382 05435 44968 47481 68119 22504 09074
52103 81370 66357 83361 33962 65522 08447 09974 00213 08896
85748 35527 87499 95933 68324 77106 91714 99773 74446 32797
44556 87635 09590 44908 37787 53115 61668 41961 97009 53064
38399 64003 17938 62925 00748 77558 44919 33136 63339 44537
85188 61528 29449 61393 32242 66463 24404 53305 53993 22092
61753 96822 33731 03334 13043 71096 23386 20706 29559 49565
98133 41755 66119 16915 49535 21148 68140 23636 22759 72690
88806 07722 88828 43643 73729 71956 11086 60826 54788 80852
55202 46158 06655 22082 66119 98518 11385 92374 66697 63667
07444 84461 91448 91636 59514 86669 11144 03677 50981 76553
77230 58884 84274 80522 66007 33348 26600 66098 39692 30060
53901 51119 00983 22251 39969 17622 91777 65638 87786 43066
45522 00008 62225

13376/11576/10776 kHz, 19-05/24-05, 2100/2120/2140 UTC

00335 00186 77790 49212 14659 49226 72021 94928 04269 01437
21811 07680 30188 74471 49578 11457 60548 34573 49621 24193
91010 97587 09827 91722 84954 84263 59019 16942 97867 86269
47803 08411 82959 81527 46284 99851 50530 25375 84379 54114
85037 93888 61506 49846 83953 89828 13033 75620 87032 69884
19943 64660 63906 85434 51528 90528 71648 38303 38873 66119
87833 66440 53213 12333 05453 06147 40502 57902 35866 58960
77204 42268 19913 25304 72613 59859 79041 65062 36836 60667
47918 59924 57683 99224 56051 23967 96313 63581 17653 54193
90316 28211 86769 28127 74685 91039 94400 78554 54153 69956
63733 75653 90242 73771 02081 96474 85427 45317 59583 53009
10749 83827 60460 51943 61921 43955 42143 11002 94633 55934
73091 16120 58128 35705 28862 06621 56357 41994 88881 50148
82708 81907 07693 97283 13137 72269 69806 75943 53096 28903
21787 25410 35657 83683 27554 81557 94411 20612 27800 04338
94566 32506 42251 99113 22897 27671 72613 62538 89524 86046
01609 32311 66114 74497 96114 39230 43029 70586 74986 66490
88306 15075 26097 53088 24800 98661 07779 25734 10225 52639
91125 35196 94484 49417 85606 80046 57684 98319 74671

12148/13448/13948 kHz, 20-05, 0700/0720/0740 UTC

09349 00001 00000 37265

16147/15847/14747 kHz, 20-05/22-05, 1100/1120/1140 UTC

00332 00170 77803 41008 50602 30003 47665 23986 50567 99314
73226 32153 80277 98939 66905 74467 51422 28696 26505 25067
69145 85041 12430 92908 76058 45082 59661 32096 04268 28717
81526 83945 80115 45302 71914 08543 14696 79282 67099 20647
98635 71374 62755 54849 59883 62408 69698 06710 56033 45431
01431 11838 41024 05044 93494 13099 53330 06875 00677 70523
06921 28360 06040 57890 99595 69599 85380 19246 81119 83805
92007 11947 21151 63691 82431 48776 29785 67743 50284 10150
27675 21489 97567 28406 50618 60946 58534 66523 74429 35515

39396 01151 01949 64214 06231 16231 77528 42633 73760 83537
17894 91211 52098 19425 71802 58100 64629 71871 87228 54920
73497 39258 50405 54300 88778 51829 66564 14611 05563 00491
84451 88041 70584 85440 33614 29719 34389 02848 07796 19646
01075 50023 82396 11130 71982 56119 32497 89723 95966 79360
16788 19461 29577 42025 68802 68762 80806 79361 05346 88130
12729 64508 14821 23930 90712 22203 68901 74234 28563 60264
67149 05373 41050 02485 16811 88080 16591 08328 74561 88820
64522 35861 06020

12124/11124/10624 kHz, 20-05/22-05, 2100/2120/2140 UTC

00384 00188 97728 91845 62244 40559 95003 93731 81016 58124
98688 34240 51213 59320 31979 43945 66028 49300 19516 41539
24681 45433 17094 35877 13980 71399 40636 43234 22163 57670
26931 56337 20565 82119 22582 18736 55034 69627 51460 12624
01138 29723 19263 76177 71673 24817 76706 66582 23847 35973
24132 84024 73472 81772 17403 58593 78095 94673 39838 44590
49324 40804 17443 14417 42502 01635 45166 81204 96881 08172
23892 46093 63476 11058 01470 37266 20175 92464 51357 07887
81089 01094 65807 67806 39345 83558 85989 66512 55471 20626
31398 12948 96123 54286 89140 52049 26821 85348 69453 55080
73373 44814 44804 98593 80789 63579 54396 45756 55768 67108
99760 74748 42662 53618 44186 05234 12854 64169 53996 15242
80868 75333 04623 15342 41292 22055 58054 23970 67183 47680
84002 33922 62063 60085 02888 14927 75761 16404 89274 86219
27221 20739 00331 71187 72129 62354 05731 07196 78523 75690
21301 09151 08415 16063 00467 42888 98288 66728 85979 54979
59642 44000 36163 20527 43000 24180 54083 47616 69722 38274
24674 66691 10677 23639 56307 17848 59670 57675 85667 45938
55657 15788 30111 52494 27242 11275 37441 65364 17815 56058
76323

14794/13994/12194 kHz, 21-05, 0910/0930/0950 UTC

02742 00001 00000 35656

14794/13994/12194 kHz, 23-05, 0910/0930/0950 UTC

02527 00001 00000 37254

15938/14538/13438 kHz, 23-05, 1500/1520/1540 UTC

04046 00001 00000 34260

12148/13448/13948 kHz, 25-05, 0700/0720/0740 UTC

02988 00001 00000 41662

17431/15841/13934 kHz, 25-05/27-05, 0910/0930/0950 UTC

08809 00140 15833 81311 02782 97323 74743 58023 71396 41584
63500 88850 66141 34125 59168 12432 72242 12397 30724 36349
00355 89410 24933 82200 11960 81609 68465 48809 68582 98616
86444 01797 02793 90600 87025 08348 75973 80161 54379 97133
84512 22126 55029 82076 80716 48115 32929 89660 86500 28954
68676 77336 47520 33132 08890 61664 79667 39306 70203 38801
18005 49727 11548 46337 24029 37789 26502 41287 82460 48542
77132 56038 69887 51272 15002 59788 72763 36149 43726 02910
28965 31749 38144 69791 87088 88350 57585 34958 95440 61228
62904 57309 53235 09206 07021 91662 41031 95653 11791 73591
78542 16456 98041 24098 84450 35064 65883 20587 99191 73881
64693 99583 07155 03353 22232 71144 10855 35323 27151 73657
84502 68081 32494 40498 32728 96199 06643 46252 92536 80666
36177 86805 06027 19458 82557 73116 31652 83944 53899 52483
89781 49398 70443

13376/11576/10776 kHz, 26-05/31-05, 2100/2120/2140 UTC

00278 00098 38629 02547 81995 64038 17605 04219 06524 98460
82603 94474 24263 62717 05315 67752 96232 69773 37891 74387
49956 89454 31776 96814 17090 85942 74520 11635 44561 58339
49240 92865 29836 14274 69182 26930 54692 47526 43384 17580
53756 42131 63369 64255 53368 71265 97784 05894 72015 48956
35457 49820 04039 20436 69228 29910 76377 63568 58036 19459
38430 81793 25828 55360 10920 83534 12474 00634 43588 95876
51795 14215 30267 81984 10263 19864 08381 90529 14568 21345
00139 03973 73635 14657 70612 05774 92583 95587 86188 43881
98070 60287 89401 14444 03725 79727 46295 59363 77518 32796
70271

12148/13448/13948 kHz, 27-05, 0700/0720/0740 UTC

02734 00001 00000 36655

16147/15847/14747 kHz, 27-05, 1100/1120/1140 UTC

03545 00001 00000 36257

12124/11124/10624 kHz, 27-05/29-05, 2100/2120/2140 UTC

00491 00066 91150 37924 14432 12608 71793 73206 51986 87026
76668 19775 25205 30283 93395 83464 99239 44898 96811 53883
82917 84054 72242 76074 01640 85356 45495 15610 37105 61633
87326 44212 26694 81840 56212 23420 53278 69307 79305 34459
79459 82027 13559 16455 51982 81335 05104 69285 84287 59497
21590 71781 32864 89626 83303 99468 43479 13857 13657 60367
84979 58208 11530 84809 93179 42868 62995 47880 14031

14794/13994/12194 kHz, 28-05/30-05, 0910/0930/0950 UTC

00544 00078 18025 59538 25806 41985 39005 19052 87168 56820
08454 85489 39596 66035 41842 00204 16124 89110 96239 43834
18356 52949 15822 81613 71839 12397 00678 26814 58069 74447
90754 31273 88552 47378 42817 14841 77009 86423 18938 29118
53133 98356 32192 71476 05426 64590 29275 60484 78521 88635
22546 54505 75411 52674 00935 41739 34714 88250 20990 92177
66776 46597 13739 13856 40515 45551 97608 28878 06435 48949
19306 34994 43844 28552 07574 92520 80942 92593 41288 16221
33456

16147/15847/14747 kHz, 28-05, 1100/1120/1140 UTC

04581 00001 00000 34264

13538/14438/14938 kHz, 28-05, 1600/1620/1640 UTC

05530 00001 00000 33660

15938/14538/13438 kHz, 30-05, 1500/1520/1540 UTC

00612 00125 53941 78442 84748 39098 23328 74550 80671 87744
21180 45742 80179 76650 80284 82893 10585 75263 18616 95124
15493 75365 69201 66359 35849 23119 08069 27158 47507 20853
27327 17405 58573 26456 45155 94756 12773 49918 10898 93920
35682 29700 10601 97426 95744 28842 75971 78641 88301 46652
12547 09560 32752 39765 81433 49180 92387 91973 44669 95124
79766 63669 07285 29129 28621 19843 45411 82202 39261 38782
24623 43836 75997 06791 97145 69048 05893 31247 58541 88449
73928 42665 43570 12670 17862 92936 20110 28106 41973 04819
88092 17312 54468 25764 67468 06478 15190 18064 53614 55200
56865 93096 01901 12112 30754 08934 86817 32564 64678 29699
01381 05724 06076 99562 95485 14552 13680 58171 87997 23607
49203 42829 10337 25314 72037 04098 36291 07104

XPB1

16329 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/30-05, 1200 UTC
15929 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/30-05, 1210 UTC
14829 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/30-05, 1220 UTC
14429 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/30-05, 1230 UTC
13929 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/30-05, 1240 UTC
13529 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/30-05, 1250 UTC

14852 kHz, 03-05/05-05/10-05/12-05/17-05/19-05/24-05/26-05/31-05, 1900 UTC
13952 kHz, 03-05/05-05/10-05/12-05/17-05/19-05/24-05/26-05/31-05, 1910 UTC
12152 kHz, 03-05/05-05/10-05/12-05/17-05/19-05/24-05/26-05/31-05, 1920 UTC
11152 kHz, 03-05/05-05/10-05/12-05/17-05/19-05/24-05/26-05/31-05, 1930 UTC
10352 kHz, 03-05/05-05/10-05/12-05/17-05/19-05/24-05/26-05/31-05, 1940 UTC
9252 kHz, 03-05/05-05/10-05/12-05/17-05/19-05/24-05/26-05/31-05, 1950 UTC

13435 kHz, 25-05, 0500 UTC
13935 kHz, 25-05, 0510 UTC
14435 kHz, 25-05, 0520 UTC
14835 kHz, 25-05, 0530 UTC
15935 kHz, 25-05, 0540 UTC
16225 kHz, 25-05, 0550 UTC

DIPLOMATIC STATIONS

Egyptian diplomatic stations

16023.7 kHz, 03-05, 2057 UTC, SITOR-A 100/170

71: Egyptian Military Intelligence, Cairo. Messages for RCVB: Egyptian embassy, Washington

i.p. PPWAD 84A21 00D08 FD71C D8E88:\$38 C9512 E773B 8D279 2C8B9
CD010 10061 96E52 DB4D4 D08AC 85BD8 17CEF 4FB3C E32BB AAB1A
8D2BA B7619 D678E 7EA7B DF743 4DB36 3948D B31CE 4B9DA 129AC
14COF 32046 B5481 1492D BB6B6 10293 3D053 96D22 AEFF9 91FB9
APSFQU AE383 1A9D3 9FB07 072FF 35C2F 00C5D 7DD8F 7214B FC438
418EA AEED0 5D9A6 5BC2B 4EA84 E4906 E609E AFE57 DCD0F DBF08
F9DD3 7B1A2 5EDE9 4B04E A7A5D 0E6A6 85597 A7D9:84A8 3685C
96796 A44D6 67446 FD331 5FD68 9 2AAA3 92137 FE7E0 0F1D1
4E6EE B89FB 56CF7 D4DF4 85EA6 30318 3A9AC 3A885 65FE4 85464
169F5 AC78D 37185 A43C5 ABA39 D560D A731C 431EE DB1BC 6A2A9
D70BC DB4CA 58A2D 5525518F 86E7D FE051 97722 B302A D1ABB
6766E 72828 39665 DE044 9C00A 9E5F8 56EAE BE519 0B651 BD5A8
CF447 9EE694 =?

RCVB RCVB

FROM : 71

TO : WASHINGTON

TIME & DATE: 20:27, SUNDAY, MAY 03, 2020

NUMBER OF GROUPS: 1574

URGENT

=====

002A1 05321 005B5 BEC13 BB3C1 8DE33 AE329 6C2D4 4BC1B 41600
75010 100FD 12ADF 42840 983D5 5C5DD 3EDB3 36CFB 5471F 092D6
B06A7 61F98 57B3A 9

Stopped and restarted

FROM : 71

TO : WASHINGTON

TIME & 53: 20:27, SUNDAY, MAY 03, 20

NUMBER OF GROUPS: 1574

URGENT

=====

002A1 05321 005B5 BEC13 BB3C1 8DE33 AE329 6C2D4 4BC1B 41600
75010 100FD 12ADF 42840 983D5 5C5DD 3EDB3 36CFB 5471F 092D6
B06A7 61F98 57B3A 9B612 1E247 FB697 683BA 1593D E9446 C165F
5DC3A C3981 364DD 0350D FD7B7 797A5 FEF79 BE9B3 43178 3D56E
6283E EDBB8 6432D B5615 7C2E0 4D4 :-779 305E7 6AC42 47CE1
3:33 5D919 62416 6DE0D 89171 0AA0757 054F6 16926 47104
C6E98 4F1EC B9166 85AE7 B806E 48240 9B3E8 E2891 2915B 7ADB9
8D807 9C2D3 5C89F 895F1 F2ADC E12F9 F651F E7AF4 B3732 70B5E
74522 5E513 14BB5 B0679 39E5E 29CFD 9FD2A C064F 3E931 B6312
6D7A8 AEF38 C9988 97DD3 E6163 E2C04 B0D73 4C4BC 7212E 726B7
21E82 A7AFC 7B0F6 E16F9 AEB87 3C87F E4B76 E8E39 0F9BFD
2561C 657DB 2BCF8 9C143 0C9A4 8787D 4C6F3 331BE 9F93F 8EB17
40A77 A213A 21F93 4041F 037B9 89492 AF5EB 0466E 35FA0 9FF93
BD7BE 685B0 2BB79 6B54B 60C73 63FA5 1CA14C030 A9944 1DD77
A7508 1F286 AFE22 71982 6B093 3AEFC D157B 38872 4F3CA 60773
3BB7A 43B5F 8632E 4836B 00A3F 9CC19 30C89 C1FE3 BA4F5 CF5BD
F10F2 0B696 24973 CA847 E3059 EF50F DC1FA ED390 CE9C1 6382F
CE389 FF3D8 5C8DE ACA95 FPI TEPL

Stopped and didn't come back

14445.7 kHz, 09-05, 0752 UTC, SITOR-A 100/170	MFA Cairo clg TVXS: Egyptian embassy Manama
14445.7 kHz, 09-05, 0807 UTC, Codan Chirp/Codan 3012	99904: MFA Cairo msg to 20: Egyptian embassy Riyadh
14445.7 kHz, 09-05, 0812 UTC, SITOR-A 100/170	MFA Cairo clg KKVZ: Egyptian embassy Dakar
14445.7 kHz, 09-05, 0851 UTC, SITOR-A 100/170	MFA Cairo clg TVQV: Egyptian embassy Riyadh
14445.7 kHz, 09-05, 0904 UTC, SITOR-A 100/170	MFA Cairo clg TVQV: Egyptian embassy Riyadh
14445.7 kHz, 09-05, 0906 UTC, Codan Chirp/Codan 3012	99904: MFA Cairo msg to 20: Egyptian embassy Riyadh
14445.7 kHz, 09-05, 0952 UTC, SITOR-A 100/170	MFA Cairo 157 groups msg for QQTP: Egyptian embassy Moscow
14445.7 kHz, 11-05, 0834 UTC, SITOR-A 100/170	MFA Cairo clg XBVQ Egyptian embassy Paris. Messages in Codan
14986.7 kHz, 15-05, 1600 UTC, SITOR-A 100/170	Egyptian diplo i.p.
14445.7 kHz, 16-05, 0710 UTC, SITOR-A 100/170	MFA Cairo clg TVXY: Egyptian embassy Muscat
14445.7 kHz, 16-05, 0728 UTC, Codan chirp	99903: MFA Cairo clg 17: Egyptian embassy Muscat
14446.7 kHz, 16-05, 0818 UTC, SITOR-A 100/170	Egyptian diplo i.p.
14445.7 kHz, 16-05, 0846 UTC, SITOR-A 100/170	Egyptian diplo. Traffic ends with KFPD RGK HUXD
15989.7 kHz, 20-05, 1545 UTC, SITOR-A 100/170	71: Egyptian military intel msg to Egyptian embassy Washington

UTILITY ROUND-UP

Japanese Army

2421 kHz, 16-05, 1000 UTC, CW

PÛÛR wkg PÛÂZ, PÇPÇ, PÂMP, PÂDÇ, PÛPÛ, PÛVZ, RÛSÛ, PÛÇP, RÛÂM, RÛDÂ, RÛÛÇ

Collective c/s: PÂÂR

Propaganda

Russian-Ukrainian radio war

7055 kHz, 09-05, 1353 UTC, LSB

7055 kHz, 16-05, 1428 UTC, LSB

7055 kHz, 16-05, 2040 UTC, LSB

7055 kHz, 23-05, 1621 UTC, LSB

7055 kHz, 23-05, 2034 UTC, LSB

7055 kHz, 25-05, 1640 UTC, LSB

7055 kHz, 29-05, 0913 UTC, LSB

7055 kHz, 30-05, 1722 UTC, LSB

Patriotic song over and over

Patriotic program

Endless anti Russia loop

Endless loop transmission and music

Anti Russia transmission

Patriotic songs and program fragments

Anti Russia loop program

Anti Russia transmission

US Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
01-05	0216	Aloe Vera	30 chr EAM BH34I4 FMCGXO6RWVAT6AO5OLJUXIOG
01-05	0232	Aloe Vera	30 chr EAM BHEAUQ Y3YN4KICIUMITKDJODVTQDNR
01-05	2131	Aloe Vera	30 chr EAM BH2YSR 222VNNNXBRSIW4MSXUFECKZR
02-05	0033	Hapster?	30 chr EAM BHLZ7I YPYEY4YR7V4DYP5V5DYFHXJQ
02-05	0039	Hapster?	30 chr EAM BHLZ7I YPYEY4YR7V4DYP5V5DYFHXJQ
02-05	1420	Taxi Fare	30 chr EAM BH4EWY RKYJHFLMBHO776IWRYX6R3P7
02-05	1747	Taxi Fare	30 chr EAM for Emo-07 4A7KXZ Q6KUDSADDXLYEBAPHCYZJSCS
02-05	1816	Taxi Fare	30 chr EAM BHXBQL XP6CP2CE5SEMYS6UUZB6GI5T
02-05	2133	Taxi Fare	30 chr EAM BH4BCN 3RWV3P6E6JE6GRKLWHOIF6MB
03-05	1733	Bluegill	30 chr EAM BHGD4Y PPXEQDHQJSYIXKOSORK6CEZJ
03-05	2132	Bluegill	30 chr EAM BHAWAO 4NFH7PTA2QWTTM6TUX6QRYCA
04-05	0033	Construct	30 chr EAM BHZ6C6 XPDPRNR2EQCOMWGOEL6DAF7H
04-05	0220	Construct	30 chr EAM BHY44Z M7XIKY3YY7YLOUXVBI5SYXJV
04-05	0225	Construct	30 chr EAM BHY44Z M7XIKY3YY7YLOUXVBI5SYXJV
04-05	0632	Construct	30 chr EAM BHZA7A 6LVYISVSG4FJVCYK7D7P3SLU
04-05	0912	Construct	38 chr EAM 45CYCU WVKSRHJAYKPQ4MEC4RD4KTNNPEZHNFCZ
05-05	0453	Last Time	Skyking message: Twist Time 53 Auth WQ
05-05	1341	Last Time	30 chr EAM BH3NS2 RL3PAUYOWTGCGKELDUGOFMDZ
05-05	1718	Last Time	30 chr EAM BHUKLJ AUFNMQAAMHESJZWOTRBITEPL
05-05	1948	Last Time	30 chr EAM BHH4ST VQT2P4S4XFGGG5Y3HSSYFOQJ
05-05	2004	Last Time	30 chr EAM 4AFY75 6M6KQC4AXWCCVWCTFFIX4JTI
05-05	2107	Last Time	30 chr EAM BHMNMJ ZQ4HZTJITJTX6SLZEKYAP6H
06-05	0615	Tank Card	30 chr EAM BHGHOW U767OFLVKTKWAGS6GUFN2HD7
06-05	0618	Tank Card	30 chr EAM BHZU2T IJOIEBHRAXCOSJI322ZHSAXY
06-05	0622	Tank Card	30 chr EAM BHIXLE HMKI3PJP7LKYQXKJ4I2WRNLT
06-05	0629	Tank Card	30 chr EAM BHIXLE HMKI3PJP7LKYQXKJ4I2WRNLT
06-05	0632	Tank Card	30 chr EAM BHZU2T IJOIEBHRAXCOSJI322ZHSAXY
06-05	0634	Tank Card	30 chr EAM BHGHOW U767OFLVKTKWAGS6GUFN2HD7
06-05	0659	Tank Card	30 chr EAM BHIXLE HMKI3PJP7LKYQXKJ4I2WRNLT
06-05	0702	Tank Card	30 chr EAM BHZU2T IJOIEBHRAXCOSJI322ZHSAXY
06-05	0705	Tank Card	30 chr EAM BHGHOW U767OFLVKTKWAGS6GUFN2HD7
06-05	1805	Tank Card	30 chr EAM BHXB2 QDK76PNXBQI4IBTW5LAS2E7T
07-05	0636	Soda Pop	30 chr EAM BH6KVA BXD2AFD4WEEUUUZ3XUTGK4FY
07-05	0645	Soda Pop	30 chr EAM BHUI2L JM2NLJ477H7C43VBV2NTGUDA
07-05	0650	Soda Pop	30 chr EAM BHJMX3 373UELAEIVNB32ERZD7DUTGN
07-05	0659	Soda Pop	30 chr EAM BHJMX3 373UELAEIVNB32ERZD7DUTGN
07-05	0702	Soda Pop	30 chr EAM BHUI2L JM2NLJ477H7C43VBV2NTGUDA
07-05	0704	Soda Pop	30 chr EAM BH6KVA BXD2AFD4WEEUUUZ3XUTGK4FY
07-05	1316	Soda Pop	152 chr EAM ZR5C7W 3FSCIDOSKHDO6O6WJYFTCTC75S6N64NRRRWQRZ6SE7EXQRJP-HWVPMTVQQBGGEGCGGIIINUIWIKKKHT4OWPHYRSA-SAR4HEQG3HHH4447Y4HMHGEGN7DQBIZDRW6MMMUMHFFKTACC333WQ3GUWWWG

07-05	1400	5GQ	152 chr EAM ZR5C7W 3FSCIDOSKHDO6O6WJYFTCXTC75S6N64NRRRWQRZ6SE7EXQRJP-HWVPMTVQQBGGEGCGGIIINUIWIKKKHT4OWPHYRSA-SAR4HEQG3HHH4447Y4HMHGHN7DQBIZDRW6MMMUIHFFKTACC333WQ3GUWWWG (Navy exercise)
08-05	2133	Jewel Box	30 chr EAM BHNHDL U62ERP7XVOC2B5P3LYPROQC
09-05	1732	Bad Alibi	30 chr EAM BHBQJB ELPP7QZOBDS4KEEEXJ7K4PBE
09-05	1746	Bad Alibi	30 chr EAM for Blog-49 4AU7UC S2337JXY2HJ436MYE4LKVQFB
09-05	1817	Bad Alibi	30 chr EAM BHYQR7 OKIQP2K3PAS7LZJI7YRJMG67
09-05	1844	Bad Alibi	30 chr EAM BH2XPF YL7GKFFR7PUYRBQ6TCM3XREC
09-05	2142	Bad Alibi	30 chr EAM BHVSHC EXBNGLTV7PAFFHUL7FKBZRWG
09-05	2148	Bad Alibi	30 chr EAM BHVSHC EXBNGLTV7PAFFHUL7FKBZRWG
11-05	1230	Producer	30 chr EAM BHVEFO 62ZEY2AV7AXPZVMJA7HZ5DXP
11-05	2133	Producer	30 chr EAM BHWSO7 TGPBDSRWCSZPRWI3ZPUNQD2
13-05	1728	Big Tree	30 chr EAM BH4IKF TTBZBLNKFAJA25XSPHHK64LV
13-05	1731	Big Tree	30 chr EAM BHZ2LV HNM7TONOJFHYFKGVMEATIYP6
13-05	1817	Big Tree	30 chr EAM BHG7Q2 DPNRQJ37PAWLCIPAEAA4NKB6
13-05	2117	Big Tree	30 chr EAM BHFNBC N24H2MKNZPL7CULJSLQ47NJH
13-05	2255	Big Tree	36 chr EAM 4AV5RG X2NV6RPE5J7WI3Q3A6OKV2DPV62KN6
14-05	0235	Male Plug	30 chr EAM BHII4A GWTBHHLCDAZROO56SQJQCBKU
14-05	1004	Male Plug	30 chr EAM for Aspirin Tablet 4AMWFR 2JLISJWPM5PVOVQKK74TSXEG
14-05	1036	Male Plug	30 chr EAM for Aspirin Tablet 4AR35I 764CARITXUMBQI6DWU6GNVID
14-05	1218	Male Plug	30 chr EAM for Aspirin Tablet 4A54KW LOMG237MS6OWNOXBINE3K6GJ
14-05	1233	Male Plug	30 chr EAM for Aspirin Tablet AEK2P6 77AHR6Q6UGLTUKIG3IHZRHA
14-05	1559	Male Plug	30 chr EAM BH2C6H EQZXNEU7POOKTRKOYL5Z4BWJ
14-05	1605	Male Plug	36 chr EAM 4A2ABS ATTBZEEJ7EOHS452NZR2BGLVYCEN46
14-05	1620	Male Plug	30 chr EAM 4AXSK2 OWYKFICNHSZCJM5NKDIVECO3
14-05	1642	Male Plug	30 chr EAM BHD2KT IFRW7BEB4A7LJ254LQL2W7IG
15-05	1914	Mail Box	30 chr EAM BHXCE PUKHQYCP3YSFZMHVI2PCUDYT
15-05	1931	Mail Box	30 chr EAM BHTKEU K4IWS2G3XRNCHXQUDXUZPTKO
15-05	2000	Mail Box	30 chr EAM BHTKEU K4IWS2G3XRNCHXQUDXUZPTKO
15-05	2002	Mail Box	30 chr EAM BHXCE PUKHQYCP3YSFZMHVI2PCUDYT
15-05	2011	Mail Box	30 chr EAM BHOPZ5 4QA2MEWYULO6HSGEKCHAWD2F
15-05	2032	Mail Box	30 chr EAM BHOLJU SUJL7PQJ6SH3JVU4R2OY6MSC
15-05	2134	Mail Box	30 chr EAM BHTH3Q 6EB3DXNZW7ZHAYH7P6AVPRSJ
16-05	2129	Material	30 chr EAM BHMS22 3B3DALKYQVT6XGLKKNHZJ74U
17-04	1737	Claybank	30 chr EAM BHR5WE E63JPB7L47XSUPLJM7ONZ7AE
17-04	1821	Claybank	30 chr EAM BHYWRJ UI7LD7UQCOQSY3ZRGYWRKLSG
17-04	1832	Claybank	30 chr EAM BHXF2Y HLFDHCTCOQ4Y2ATQQYF3SO24B
17-04	1835	Claybank	30 chr EAM BHO2GY A6EQDQEQYY2HGLTF3QHP2KFG
17-04	1909	Claybank	30 chr EAM BHSGCN 7BNAAHVCHLEHHZGFUY2BTIG7
17-04	1915	Claybank	30 chr EAM BHVCXG SYFJUT22XYWC6Y4E3HKZ34H2
17-04	1935	Claybank	30 chr EAM BHMM2G EJ7QDUJUV6S26UE7HYEPLG7X
18-04	0043	Aggregate	30 chr EAM BHDM7K PIGTEZHS6N4N5CVB6OQLYBCU
18-04	0233	Aggregate	30 chr EAM BHTS6V XV7HAGXYY4C6CTAECB7STYEQ
18-04	1431	Aggregate	30 chr EAM BH7ASX GBLEPT36XCWNRRHH5SHEPHVH5
18-04	1442	Aggregate	30 chr EAM BHKW6H NCFICYD4LQMH7OUASAHTD2UO
18-04	1451	Aggregate	30 chr EAM BH4XLT 4HI7JAPOW6IR6R3XA2YWQSZL
18-04	1835	Aggregate	30 chr EAM BH74EQ NDKVXQML3IHEPE7ZYU2DDENL
18-04	2132	Aggregate	30 chr EAM BHMCCB BHHTYQQNJZ7US37ABGKHWMZMU
18-04	2306	Aggregate	30 chr EAM BHYKOF 2WCP2Y6SIDJUQ43OQOXH3TBG
18-04	2310	Aggregate	30 chr EAM BHQEF4 E66PWGVZUEBAN4JRSQWVOV6FX
18-04	2316	Aggregate	30 chr EAM BHB5JU B3D4B5P67YXRJLZGYKVQZWUK
18-04	2319	Aggregate	30 chr EAM BHB5JU B3D4B5P67YXRJLZGYKVQZWUK
19-04	1246	Parkside	30 chr EAM for Ape Boy 4AXWWQ QXBWGGQ7JWREG6SAW7LQCJZMX
19-04	1306	Parkside	30 chr EAM for Ape Boy 4AAEFO 2S22PRJWKP35E5JN27YT2HC
19-04	1322	Parkside	30 chr EAM for Ape Boy 4ALW7N 4QDVJDOOFV7GD4OGLORRWI4O
19-04	1336	Parkside	30 chr EAM for Ape Boy 4AHSU4 SPOBCRJIFUKKQXWMMRPHVFSZ
19-04	1346	Parkside	30 chr EAM for Ape Boy 4AUPSV DYLYWW6CGEJZPBX6NF7XPOJ
19-04	1511	Parkside	30 chr EAM BH4ODB JVN6BRUGBO33WBP6QENUAXR3

19-04	1518	Parkside	30 chr EAM BHVQXS VY4DMQFVPCZYIVXZCEBHPAIL
19-04	1523	Parkside	36 chr EAM 4AE35W HSZ3VSOU5E5KBWBZYGGG3R4XQMJJZQQ
19-04	1530	Parkside	30 chr EAM BH4ODB JVN6BRUGBO33WBP6QTNUAXR3
19-04	1546	Parkside	30 chr EAM 4AAG5S 6ND4NCFW2JZMSG6UUQ5AZPBY
19-04	1612	Parkside	30 chr EAM BHPUUQ QABPNCKHQBCSVFN6L7F7HGXR
19-04	1615	Parkside	30 chr EAM BHCW37 ADUHWHPBLKJNTSSK55RBIHKF
19-04	1806	Parkside	30 chr EAM for Ape Boy 4A4NP7 ZQ3B56BPOZAGW34VCBH2OXZG
19-04	1816	Parkside	30 chr EAM for Ape Boy 4A43RM QRR7WK2ANUY3N2HCKOPZI5JC
19-04	1936	Parkside	30 chr EAM for Ape Boy 4AMQWI K4FFPGQTWQPS5G76SH23PMXF
19-04	1946	Parkside	30 chr EAM for Ape Boy 4AH4MO SQLKNM4OSLY5G3OVRG6FPKRY
19-04	2017	Parkside	30 chr EAM 4ALFCB CSVGWN5AMF5KFCK2YHIO33F
19-04	2053	Parkside	30 chr EAM BHLPQA IEBNLS4J4EMLUIMLPNT4HLNS
19-04	2100	Parkside	44 chr EAM 4AUXH6 XZS3CNUJ6FPCS33LYFI6FPCJA4Z36RSZ4XXQVG
19-04	2107	Parkside	30 chr EAM for Ape Boy 4AAVJA MIBEZMHRONGWHBCEIOX4DRDA
20-04	1817	Squad Room	30 chr EAM BHJNZN MEH7DVSSRABY25S35ZTP2K7A
20-04	1946	Squad Room	30 chr EAM for Bilko 4AVMOA 7V4A3SOS2JAMJS7OIL45BVJJ
20-04	1817	Squad Room	30 chr EAM BHGC7K ZOIA4H4KGTYYQM5LWN6Q2BZL
21-04	2132	Abatable	30 chr EAM BHH5HQ KP2XREKK5EMJQ6HFV23SXTQU
21-04	2329	Abatable	30 chr EAM BHGE7Z DTFFEPK2JS3YEN535IF4NZRD
21-04	2334	Abatable	30 chr EAM BH6TFQ 4F5XHCIEGPZJPFWWDNWYUR4K
21-04	2339	Abatable	30 chr EAM BHNQR4 CUVKHT7XGNZ3BGS4DEZUMOWC
22-04	0232	Nightcap	30 chr EAM BHGLKI IND6AUUAKIBNATOP42JCLHYE
22-04	2032	Nightcap	30 chr EAM BHSP5C G2ZUWNTDGHRSFGPMDPABHD4G
22-04	2059	Nightcap	220 chr EAM i.p. I7NDV6DZUHBVRINOP4WPDOG6KKOQ2BIWECEIP-TODRQS7QU3ZFF7X7PFQQQQ4XXTJWXLTXKNF3EFX6I3AAWV3XWRSSQT2ZK2JKPGGG-GRA34N7X366NGIUUXELK-KKKCSBS7UKC77R2XUUOXUNNNN2UZF34BJBW4DQQJ6NNNNNLX6RZ42WTL4Z2LPFLKY67A PAVXU55S5GWC4444E7CK32PMH
22-04	2132	Nightcap	30 chr EAM BHXNJX IJB2BMFM76GBEKHVQENPRKBG
22-04	2327	Nightcap	49 chr EAM 4AY64E 3PF6GY2632WGLSZCQT23ZXSRNQOQTZG3WSPSRXG
23-04	0007	Reynolds	54 chr EAM 4AOIPA OC4EGVAHTTWUX54AXJBUTYTQMWB22THAIRVCMWJ32GPJISQ
23-04	0011	Reynolds	30 chr EAM BHLCDR R2XOQBAX4SMA5TY2IOS64EW
23-04	1324	Reynolds	94 chr EAM ZRV5XO FWS4ZRFZAAV3VAU5ZUWYTPGLDYFO2XSG3G4VYDDAOOXFLWLPOL-LOZKKKK36474DDKK43LBDGGLHHHHJIYF5BJXY
23-04	1420	Reynolds	38 chr EAM ZRKQBO ZIEAW342OSOUSZTYAZOA5ETTJO7SGJN2
23-04	1602	Reynolds	54 chr EAM 4AFR4L N3YI4WYH5LCAN23TDHE3TDV4BRNDKLP465MLBRWDK65GEU6O
23-04	1629	Reynolds	30 chr EAM BHBDZO TPVB6W4HPN5GNPR3UKNBOPUC
23-04	2133	Reynolds	30 chr EAM BHUAIG 47SUU7RX7JQX3QVB3WKXZNHE
23-04	2244	Reynolds	30 chr EAM BHPJLN SGAXXWZ3NWCIGKSAFJGRZ3L7
23-04	2256	Reynolds	30 chr EAM BHQW2I UAO3JNCAFDD4QYWSE7RU5G23
24-04	1239	Railman	30 chr EAM BHOFII J4ZPVBGQSHYPPJZDP4XZCKVA
24-04	1321	Railman	30 chr EAM BHWRC2 EAUHHARLPXC7RLRFJRUQPFL3
24-04	2131	Railman	30 chr EAM for Groupie-40 4AIKKW EHNFI7HLJO7DNJ44IDE3V3F
24-04	2141	Railman	30 chr EAM BHD17V VVWUJU2O33NYCUKZ4FZEBVHP
25-05	0042	Kickback	30 chr EAM BH3RA6 W5HNILC22JOD35CD3ZSPOTED
26-05	0309	Kickback	30 chr EAM BH7766 HADXYSCUHHW4JEA4PFNRDK4A
26-05	0330	Kickback	30 chr EAM BH7766 HADXYSCUHHW4JEA4PFNRDK4A
26-05	0335	Kickback	30 chr EAM BHFSOO 2SX6XWBTIZIFTMXDS6QB2HAZ
26-05	0340	Kickback	30 chr EAM BHZMTY WG54BDRWBZTUJMCVJNP7UB63
26-05	0355	Kickback	30 chr EAM BHJAHW GNLJYBZCHLO3LCDZIA4COKJE
26-05	0403	Kickback	30 chr EAM BH33LA XKRJUFE3UWSPV452YL2YZKG
26-05	0407	Kickback	30 chr EAM BH33LA XKRJUFE3UWSPV452YL2YZKG
26-05	0411	Kickback	30 chr EAM BHZMTY WG54BDRWBZTUJMCVJNP7UB63
26-05	0418	Kickback	30 chr EAM BHCT4E DXPFCADDA3Z3B5E17PDL274
26-05	0422	Kickback	30 chr EAM BHAYCZ S2HJUWLKJIB7W22YRIGRCUA
26-05	1921	Kickback	30 chr EAM BHKNLC EVXFHT6PS2UGQ2PRRAGIYP3L
26-05	2307	Kickback	30 chr EAM 6B5HXN ZVUNCQOYD7AATQKP2OOXUXXX
27-05	1331	Gatepost	30 chr EAM BHAC5T IC34A4PLIREUFGPARMEFY5XZ
27-05	1430	Gatepost	30 chr EAM BHAC5T IC34A4PLIREUFGPARMEFY5XZ

27-05	1829	Gatepost	30 chr EAM BHBC3A IYVLMA2V6QZNU4ZO6FS6RIGN
28-05	0233	After Tea	30 chr EAM BH2FSL RGJTKVTW7GX3M55T5KOYZHNC
28-05	1332	After Tea	30 chr EAM BH5IV7 CXZFUF2EJCIDSGIA3Z5QOEK
28-05	2133	After Tea	30 chr EAM BHFLWJ NTEEFJGWOZ6AH22LY2XQGVZ2
29-05	0233	Sea Otter	30 chr EAM BHBHWN 3D4IUBEGJ7XCPM3UUWZDJSWL
29-05	1733	Sea Otter	30 chr EAM BH55X3 64DNURZMXDLCVWLUKUR6QAPJ
29-05	2041	Sea Otter	30 chr EAM BHH6PA 6X7FP6CUERJRAHXHVMJY423T
29-05	2120	Sea Otter	30 chr EAM BHBKT3 GSVRB2OBLGAJ2CIO6E3PTX2Q
29-05	2133	Sea Otter	30 chr EAM BHSVUV FBFOMCYUG3SAC7OHJEWCU2F4
29-05	2139	Sea Otter	30 chr EAM BHSVUV FBFOMCYUG3SAC7OHJEWCU2F4
29-05	2342	Sea Otter	30 chr EAM BHBB3I KGJMN7XLY6U7VTGXO3XIDRL
30-05	1817	Love Roll	30 chr EAM BHLJXR HEEW4KUHIKWSLACAJFRI4NX3
30-05	1828	Love Roll	30 chr EAM BHQZGA CYSDPO25FE7AAWVN2SI3BUMS

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, F5JBR, JPL, JU

Strategic messages

RIT: Russian Navy Severomorsk

RCV: Russian Navy Sevastopol

7942 kHz, 12-05, 0740 UTC XXX 1QRF 10938 ATOMOFANT 6347 6256 K
4835 kHz, 12-05, 0751 UTC XXX 1QRF 69082 TORSOLOG 7171 9989 K
7942 kHz, 12-05, 0858 UTC XXX 1QRF 81154 TIGROWOÄV 2076 0502 SYSKODVUT 4111 0842
8136 kHz, 12-05, 0800 UTC RBL88: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K
8136 kHz, 12-05, 0805 UTC RBL88 msg to RBL90, RFN69, RFN77, RGR99: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt)
10896 kHz, 14-05, 0726 UTC RIT: XXX RLO ÉLASTIÔNYI 02 1310 155 090 1018 K
5215 kHz, 14-05, 1548 UTC RCV: XXX ONG4 95804 ZODÔIJ 5717 0143 K
5215 kHz, 15-05, 1240 UTC RCV: XXX ONG4 93104 BUROW 0935 6601 K
10543 kHz, 15-05, 1240 UTC RCV: XXX ONG4 93104 BUROW 0935 6601 K
5215 kHz, 15-05, 1251 UTC RCV: XXX ONG4 09085 NANOSEKUNDA 9945 8665 K
10543, 15-05, 1251 UTC RCV: XXX ONG4 09085 NANOSEKUNDA 9945 8665 K
8136 kHz, 16-05, 0802 UTC RBL88: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K
8136 kHz, 16-05, 0806 UTC RBL88 to RFN69 RFN77 RBL90 RGR99 XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt)
6183 kHz, 18-05, 0808 UTC XXX 4HQP 06175 POSOKAJF 7095 5018 BYKOPL0T 8192 9494 K

12593//13396/14108 kHz, 22-05, 0734 UTC XXX XXX N1DX N1DX 07854 SEKSOBALL 0117 2375
12593//13396/14108 kHz, 22-05, 0753 UTC XXX XXX N1DX N1DX 33976 PAWchIJ 7527 6443
12593//13396/14108 kHz, 22-05, 0803 UTC 34208 RAZDOLXNYI 7328 3889
12593//13396/14108 kHz, 22-05, 0815 UTC XXX XXX KH8N KH8N 14778 DIMOPA EK 1212 5348
12593//13396/14108 kHz, 22-05, 0821 UTC XXX XXX KH8N KH8N 65470 WISOchAR 7175 4905
12593//13396/14108 kHz, 22-05, 0834 UTC XXX XXX G5CX G5CX 70870 VELEZKA 5026 5837
12593//13396/14108 kHz, 22-05, 0855 UTC XXX XXX N1DX N1DX 61206 OKKUPACIÄ 9912 7083
12593//13396/14108 kHz, 22-05, 0901 UTC XXX XXX KH8N KH8N 36628 LEWOKOFR 8187 7857
12593//13396/14108 kHz, 22-05, 0905 UTC XXX XXX N1DX N1DX 27941 REWANchIZM 1833 0327
12593//13396/14108 kHz, 22-05, 0932 UTC XXX XXX N1DX N1DX 66303 BLEFOchAR 5929 0892
12593//13396/14108 kHz, 22-05, 0935 UTC XXX XXX CSWY CSWY 39328 RAZLOVENXE 2504 2251

Russian military morse transmissions

M32a - Russian Navy

18.1 kHz, 04-05, 1655 UTC RDL RDL RDL 30529 36294 30529 36294 30529 36294 K
18.1 kHz, 04-05, 1715 UTC RDL RDL RDL 48552 13058 48552 13058 48552 13058 K
9884 kHz, 19-05, 0755 UTC RDL RDL RDL 27473 47815 27473 47815 27473 47815 K

4810 kHz, 05-05, 0902 UTC

RIQ83 RIQ83 RIQ83 DE RMAE RMAE QSA? K
VVV RIF92 RIF92 RIF92 DE RMAE RMAE QSA? K
RMAE R K

3874.5 kHz, 15-05, 1810 UTC. RJD52 wkg RHI86 and RJU79: Caspian Sea Fleet

RJD52 K
QRV K
RHI86 377 13 15 2101 377 =
FM RHI86 FOR RJD52 RJD88 =
15181 99430 10475 31/97 31406 10150 4//// 5//// 22200 15009 = AR
RHI86 K
RJD 52 377 K
86 0 K QRU K
VVV RJD52 DE RJU79 QSA ? QTC K
RJU79 DE RJD52 QSA .. K
RJU79 860 21 15 2100 860 =
FM RJU79 FOR RJD52 RJD88 =
15181 99449 10477 41/97 /1811 10170 4..2. 5.000 7.210 8//// 22242 0//// .0101 880.. 8.000 15016 = AR RJU79 K
RJD52 R 860 K
RJU79 OK QRU K

6494.5 kHz, 15-05, 0602 UTC. RKH80 wkg RMP (Kaliningrad). QSX 8627 kHz

QTC 814 18 15 1500 814 =
SML FOR RJH45 RJD38 REG98 RIF4 =
15120 99591 10219 41598 62910 10120 41010 56003 70200 85200 22234 00080 15012 =
AR RKH80 K =
15060 99579 10209 41598 62710 10120 41009 56003 70200 85200 22213 00080 15012 =
AR RKH80 K

Location <https://goo.gl/maps/q9Y7kNQaRJHjWXVq7>

6494.5 kHz, 15-05, 1200 UTC. RKH80 wkg RMP (Kaliningrad). QSX 8627 kHz

QTC 814 18 15 1500 814 =
SML FOR RJH45 RJD38 REG98 RIF4 =
15120 99591 10219 41598 62910 10120 41010 56003 70200 85200 22234 00080 15012 =
AR RKH80 K

Location <https://goo.gl/maps/q9Y7kNQaRJHjWXVq7>



5215 kHz, 15-05, 1205 UTC. RCIG wkg RCV (Sevastopol)

QTC SML 942 17 15 1502 942 =
SML FOR RJH45 RJE73 =
15121 99442 10340 43/98 /3601 10220 40062 57007 22262
00160 299// 88000 80000 15013 =
AR RCIG K

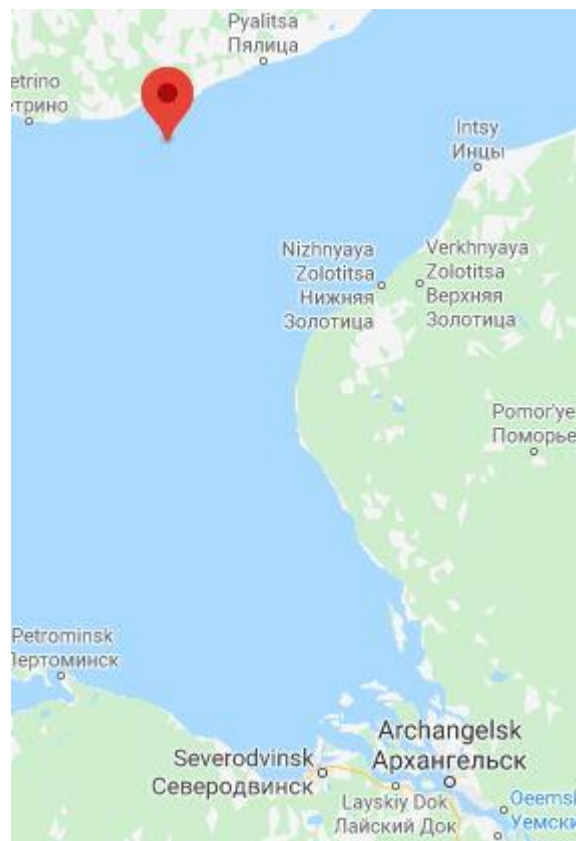
Location <https://goo.gl/maps/vCLH7VBMkvRUgibXA>



4376.5 kHz, 16-05, 0601 UTC. RAS82 wkg RJD99

QTC SML 443 17 16 0900 443 = FOR RJD90 RJH74 =
16061 99660 10390 41598 23104 10018 40011 54009 7020 ... 88000
16014 = AR RAS82 K

Location <https://goo.gl/maps/mjbUyyDz6zm3crsA7>



4376.5 kHz, 16-05, 0606 UTC. RMLZ wkg RJD99

QTC SML 125 16 16 0901 125 = FOR RJH74 RJH45 RJD90 =
16061 99664 10407 41597 73303 10040 40023 54017 70262 8//// 20200
00030 16012 = AR RMLZ K

Location <https://goo.gl/maps/8BWSbRBGqxZfTLPX6>

6494.5 kHz, 16-05, 0608 UTC. RKH80 wkg RMP (Kaliningrad). QSX on 8627 kHz

QTC SML 721 17 16 0900 721 = SML FOR RJH45 RJD38 RIF4 =
16060 99602 10279 41598 71608 10090 41004 54000 70222 874// 22222 00008 16012 = AR RKH80 K

Location <https://goo.gl/maps/nZMiJV9a7rCYWBR66>

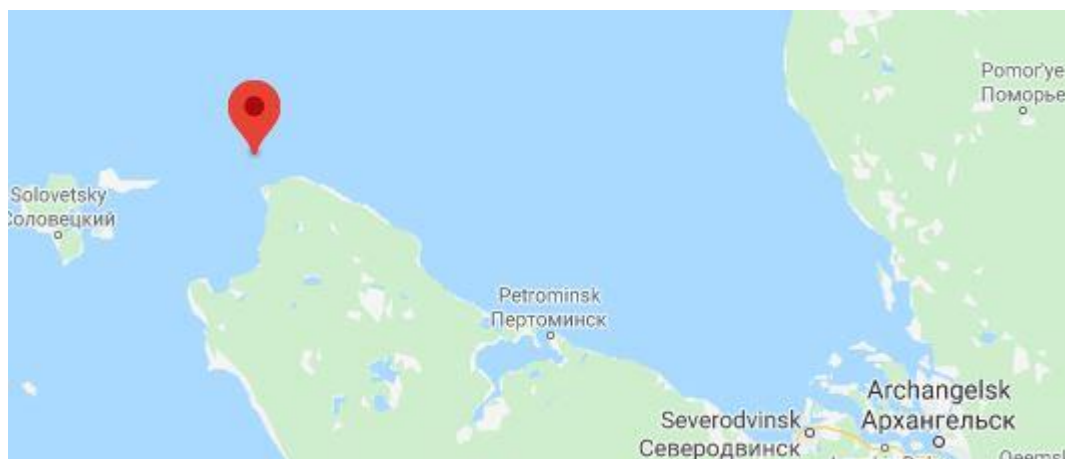


4376.5 kHz, 16-05, 1504 UTC. RAS82 wkg RJD99

QTC SML 161 17 16 1800 161 = FOR RJD90 RJH74 =

16151 99652 10368 41598 21103 10055 40027 52006 70101 81101 22200 00015 20000 88000 16014 = AR RAS82 K

Location <https://goo.gl/maps/UCVVub8fo8QErEMX7>



M32b - Russian Naval Air Transport

8816 kHz, 07-05, 0750 UTC

rjc38 de 84351 qth 16909 13157 qbd 0500 k

qth 16545 13710 qbd 0400 k

16545 13710 qbd 0400 ...

8816 kHz, 07-05, 1516 UTC

rjf94 rjc38 de 71373 qto 1507 qrd XLMD XLAA qre 1710 qbd 0500 k

qth 16649 13458

Russian Navy – T600 traffic

8006 kHz, 04-05, 1555 UTC, T600

Sync 1EB41EB2952

Session Key 58 07 34 68 32 64 4C 0E 15 23 4A 62 4C 34 51 25 2A 28 32 19 1C 0D 46 26 38 13

70 46 38 0E 13 62 58 52 32 2C 1C 62 15 4A 54 70

32 68 52 31 32 1C 61 25 0D 43 0D 25 19 19 13 1A

1C 13 19 46 16 19 58 54 25 25 70 2A 62 2A 4C 2C

61 07 70 68 64 4A 64 0E 1A 58 1C 0E 43 25 46 1A

23 26 0B 32 68 19 19 51 2C 54 19 15 52 15 58 23

0E 61 1A 2A 16 32 4C 46 0B 38 1A 70 4C 2A 34 32

32 2A 2C 4C 0E 43 0D 52 64 34 2C 2A 23 23 43 23

25 38 38 07 64 1A 1C

<EOM><EOM><EOM>

6841 kHz, 04-05, 1613 UTC, T600

Sync 1EB41EB2952

Session Key 61 51 4C 0E 51 16 52 43 26 13 58 25 07 0B 23 19 23 07 13 2A 23 38 4A 23 58 13

70 68 58 62 0D 23 61 1A 4A 68 25 64 64 58 51 54

2A 0B 0B 31 25 61 19 0D 40 68 70 61 07 34 2C 15

16 64 16 43 52 15 0D 0D 46 07 64 0E 4A 0D 16 1C

31 52 52 19 26 38 0D 4A 52 4C 31 28 60 0D 03 31

01 0B 0E 20 0A 08 54 26 4C 34 34 52 54 61 2C 52

19 68 52 13 1A 1C 23 0D 58 07 16 34 54 32 13 25

43 07 13 46 64 07 2C 61 19 07 2A 64 52 16 46 4A

62 25 0E 26 64 07 70 62 26 58 25 62 4C 43 43 16

70 68 0E 0B 31 25 13

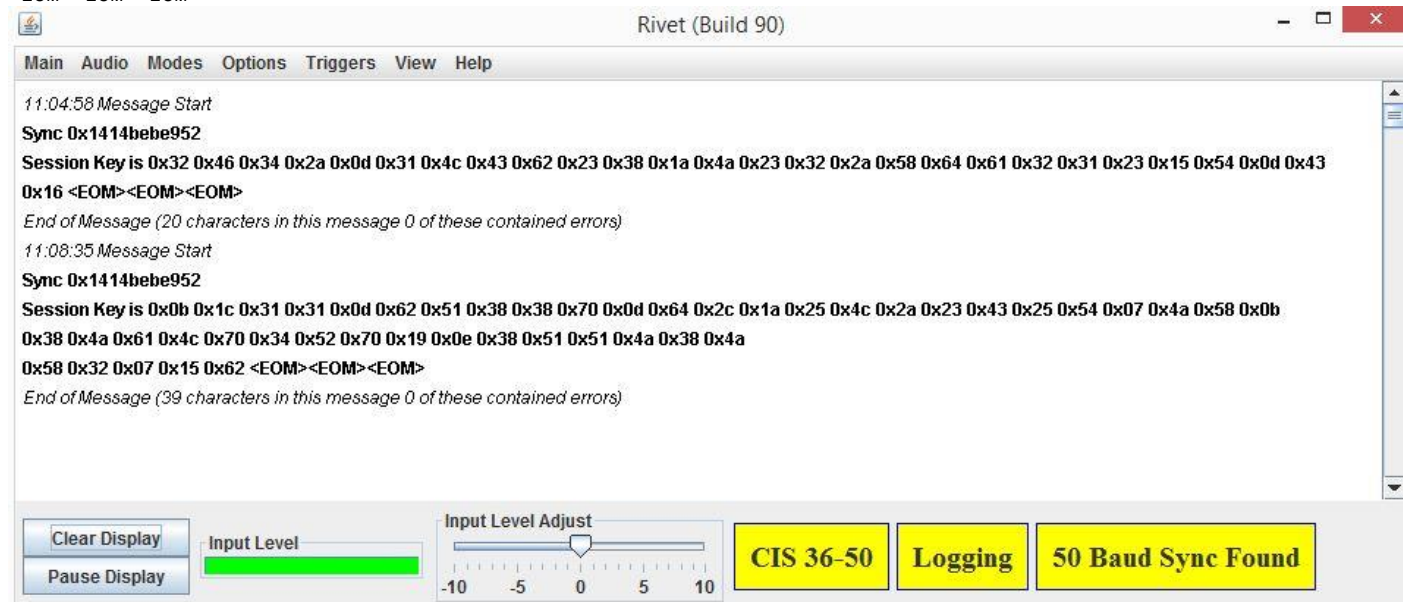
<EOM><EOM><EOM>

4109 kHz, 04-05, 1950 UTC, T600

Sync 1EB41EB2952

Session Key 34 1A 64 31 43 52 61 4C 70 38 23 2C 68 64 07 13 68 1A 26 07 15 25 0B 68 0B 58
15 34 2C 0D 16 38 13 25 31 32 1A 70 0D 1A 4C 31
1C 54 0B 1A 4A 0E 13 4C 16 25 07 64 46 64 38 31
19 23 4A 19 2C 0E 15 62 70 61 4A 13 15 70 46 07
58 31 0E 32 70 52 38 51 1C 70 19 58 43 19 68 46
31 19 26 23 07 13 52 62 07 70 43 19 43 62 13 46
0B 4C 62 62 68 13 07 61 1A 58 23 0B 46 1C 2A 46
16 2A 2A 23 0D 0D 2C 43 38 46 4C 43 07 64 26 54
25 70 34 31 58 4C 07 58 43 25

<EOM><EOM><EOM>



Rivet decoding T600 aka CIS 36-50

8678 kHz, 06-05, 1355 UTC, T600

Sync 1EB41EB2952

Session Key 16 43 46 0E 32 61 43 4C 58 34 26 25 46 13 16 68 07 1C 0D 54 0D 43 61 07 23 61
0E 16 07 19 54 32 0E 32 13 46 43 61 2A 16 13 0D
26 34 2A 51 31 16 70 1C 32 07 62 15 51 2A 1C 26
58 38 51 52 2C 0B 0B 1C 52 19 13 07 15 68 52 15
32 1A 58 25 62 32 61 0D 1C 54 38 16 25 0B 61 31
70 38 68 43 0E 46 46 1C 68 2C 19 34 25 31 46 34
07 23 38 16 2C 31 51 70 15 64 1C 52 0B 43 34 0B
1A 4A 25 4C 58 2A 25 2A 13 61 15 58 2A 19 70 15
43
<EOM><EOM><EOM>

8678 KHZ, 06-05, 1355 UTC, T600

Sync 1EB41EB2952

Session key 25 2C 16 2C 54 38 2C 0E 51 4A 4C 68 1A 0E 0E 32 26 31 1A 25 61 1C 38 2C 1C
23 15 61 26 4A 31 46 07 54 1C 54 58 25 1A 25 52
4A 54 58 26 58 38 25 31 26 54 1A 51 31 58 64 15
0B 61 62 38 4C 58 13 70 0B 13 4C 13 32 0B 23 34
07 0D 26 46 38 23 0B 16 13 07 26 31 61 58 64 23
46 51 46 15 64 26 0D 13 15 34 46 15 62 64 38 34
2C 4A 1C 1A 23 64 38 34 0D 61 31 19 31 19 19 13
31 43 25 70 0E 26 68 70 43 32 70 07 1C 07 0B 32
43 16 64 4C 38 16 0D 54 16 2A 16 61 2C 1C 64 0D
07 23 1C 62 46 25 52 38 43 64 07 46 2A 43 0E 4C
61 0D 64 64 31 07 62 25 25 43 23 26 64 4A 64 1A
61 0B 13 19 34 2A 0E 52 21 07 23 70 2A 62 0B 23
62 68 46 25 2C 0E 15 62 61 1C 13 38 31 15 4A 52
1C 1A 25 23 43 25 38 4C 61 15 2A 64 31 68 0E 32
31 4C 38 1C 0D 70 61 32 26 58 4A 07 34 61 23 52
2C 70 0B 0E 54 4C 07 52 1A 0E 31 2C 16 2A 51 07
51 51 1A 33 1E 15 4A 46 07 15 38 11 21 4C 15 58

68 54 61 0B 2C 23 15 31 0B 54 07 23 1A 4C 70 34
 2C 46 23 32 62 58 51 61 51 62 46 0E 2C 32 26 52
 15 58 70 38 62 34 19 38 58 26 32 2C 54 4C 64 54
 31 31 46 68 32 31 52 16 62 43 51 54 16 23 58 52
 4A 46 32 51 1A 54 54 15 64 61 61 2C 4C 34 51 2A
 1A 32 1A 26 64 1A 4A 2A 23 32 70 0B 2C 16 2C 15
 32 2C 1A 58 43 26 32 0E 0B 70 0E 07 15 58 51 2A
 52 0E 26 25 0B 1A 64 51 32 62 61 4A 26 2A 15 0E
 64 25 0E 68 0D 0E 34 43 1C 34 1C 32 2A 15 0E 0B
 34 62 64 32 19 62 4A 43 34 16 62 70 2C 52 58 58
 15 0B 61 31 2C 64 61 1C 46 4A 19 2C 0E 68 34 0D
 23 23 4C 16 13 31 23 25 4C 23 51 68 23 19 0E 34
 13 0B 46 16 23 54 1A 0D 61 32 19 6C 23 26 19 19
 34 68 21 30 70 19 62 52 25 26 15 0E 62 52 58 16
 34 1C 68 07 0B 1A 68 68 51 61 0D 0B 43 43 38 43
 68 4A 2C 19 38 70 23 68 32 26 19 61 07 70 2C 15
 26 2C 62 23 26 7F 15 6E 51 6B 31 43 64 4C 16 70
 52 31 23 70 13 31 2A 64 38 13 68 43 68 0E 23 1A
 62 0D 15 64 38 1C 19 15 4A 0B 2A 34 07 58 61 31
 46 62 15 2C 26 23 2A 52 07 68 1A 19 58 70 23 52
 0D 2A 25 13 61 32 58 15 61 46 2A 64 62 68 62 1A
 26 25 4A 4C 15 2C 25 54 0B 23 2A 25 13 23 0E 0D
 34 1C 31 34 16 4C 23 70 46 34 51 61 64 23 13 4C
 1A 16 38 51 07 62 31 1C 52 1A 23 58 64 4A 23 1C
 4A 43 4C 13 07 38 38 4C 23 23 64 0E 25 2A 54 2A
 26 16 0B 19 32 16 23 0B 07 4C 0D 58 4C 43 43 64
 58 34 62 58 70 40 1A 44 07 1A 30 0C 68 46 68 23
 51 32 23 25 72 31 17 72 19 1A 46 07 4A 68 62 70
 0B 2A 16 38 0D 43 70 38 26 1A 52 0D 16 61 51 52
 31 58 4C 51 1C 07 1C 1A 2A 61 23 58 58 54 07 70
 38 32 38 2C 16 0B 58 58 4C 31 1A 64 25 64 13 32
 6A 2A 43 70 20 04 0A 15 64 2C 19 52 2C 58 58 34
 64 64 1C 2A 32 31 68 2C 0E 59 13 31 1C 4C 26 68
 62 19 52 46 63 4C 16 19 0D 1A 2C 0D 23 1C 0E 54
 19 2A 26 13 07 0B 70 13 3F 3E 0F 74 1E 7C 3D 4E
 31 4C 1A 2C 2A 2C 34 70 42 13 62 2C 61 54 32 46
 46 46 13 4A 19 1A 54 32 1A 07 13 16 43 4A 2C 68
 4A 4C 61 19 25 46 34 43 64 38 07 0E 70 43 13 38
 2A 09 01 02 31 4A 19 52 26 64 54 0E 25 23 52 0D
 0B 0D 26 07 32 58 62 58 70 0B 15 43 19 13 26 07
 25 2A 58 07 31 61 2C 1C 0E 34 51 70 38 54 58 0D
 2A 1A 1C 15 58 61 2A 15 2A 38 2C 52 51 25 2A 58
 07 1C 0D 07 0E 34 61 51 4C 61 32 58 2C 43 13 58
 16 19 0E 13 23 15 70 51 51 0E 0D 25 19 43 34 2C
 16 52 15 0B 0E 51 61 2A 16 0D 1C 25 62 2C 0E 1C
 2C 1C 23 32 38 07 23 0B 4A 64 1C 23 70 54 2C 46
 2A 51 16 4A 34 0E 58 54 32 19 16 2C 64 0B 54 61
 68 51 70 38 4C 4C 4C 1A 26 07 0D 34 4C 4C 1A 2C
 23 38 16 13 0D 0B 1C 38 1A 62 15 0D 26 31 62 1A
 38 0D 38 13 34 46 70 26 52 0B 61 4C 4A 0E 25 51
 58 4C 46 46 0B 07 26 07 43 0B 61 15 43 2C 4C 07
 0B 26 19 31 07 0D 64 31 32 19 0D 0E 2C 54 4C 23
 19 32 61 2A 69 26 34 4C 54 07 07 23 62 70 16 54
 43 07 2A 0B 30 43 1A 07 1A 52 58 34 68 0B 0E 1A
 4A 61 34 23 07
 <EOM><EOM><EOM>

8678 kHz, 06-05, 1405 UTC, T600

Sync 1EB41EB2952

Session Key 38 32 61 62 4C 4C 2C 07 1C 0B 68 0B 19 38 16 61 4A 62 25 0E 51 64 26 61 0D
 16 07 70 0D 0B 0D 16 13 07 23 61 70 19 34 23 15
 46 68 43 0B 4A 32 07 19 19 07 0B 34 2A 07 26 2A
 26 34 61 25 2C 4C 4A 64 16 16 46 13 38 26 26 64
 4C 51 58 61 51 2C 46 32 64 1C 38 13 19 43 34 43
 52 68 58 51 0E 51 1A 52 0E 58 51 3D 52 4C 13 26
 2C 2C 68 62 2C 15 68 58 26 16 07 46 4A 15 38 1C
 43 07 32 68 34 52 61 52 15 51 16 23 64 4C 61 54
 2C 2C
 <EOM><EOM><EOM>

9564 kHz, 07-05, 1112 UTC, T600. Two messages

Sync 0X1EB41EB2952

Session Key 0E 52 38 31 23 15 4C 52 4A 2A
62 25 19 64 23 51 54 31 2A 52 68 31 07 64 64 31
0B 1C 0B 58 34 34 26 23 64 31 0D 52 62 19 64 38
26 25 62 43 64 13 1C 07 64 25 19 07 2C 34 38 26
0D 4C 25 54 13 31 64 46 07 1C 0B 23 25 58 2C 4C
15 52 0D 38 32 15 43 70 16 32 38 58 19 19 34 1C
34 15 1C 31 43 26 52 13 1C 23 0E 54 68 70 54 2C
54 4C 34 2A 64 46 61 07 46 26 19 1C 07 0E 70 2C
2A 61 32 52 51 31 46 32 16 32 4A 07 64 0D 32 2A
1C 0B 23 13 32 32 16 4A 70 0E 62 58 34 2A 19 07
46 15 4C 16 64 70 31 13 0D 62 1A 68 54 64 62 0B
68 38 4A 1A 26 46 07 2A 31 62 62 16 25 70 4A 32
52 25 31 4A 54 34 38 0E 62 2A 0E 23 38 61 0B 38
25 70 58 19 51 15 15 54 0B 62 70 61 26 38 2A 19
1C 64 34 38 61 0D 4C 51 15 16 70 0D 25 46 19 0D
43 4C 15 51 61 34 62 0E 51 51 15 64 43 4C 4C 1A
51 26 34 58 31 0D 07 07 1C 15 32 34 64 64 07 38
61 52 62 15 0D 07 51 68 51 54 13 26 64 38 07 31
4C 4C 16 64 25 0E 31 0D 31 62 62 52 1A 13 0B 0D
64 31 34 2C 52 62 2C 2A 1A 32 54 52 46 61 4C 0E
19 0D 2A 68 61 25 46 31 2C 31 52 64 2C 4A 46 31
2A 61 13 19 19 38 32 68 19 4C 31 31 4C 13 38 51
2C 54 61 2C 1A 61 68 32 1C 4C 64 52 2A 68 51 31
31 16 4C 26 46 1C 58 23 34 58 32 68 26 19 58 26
51 54 68 0B 43 13 2A 2C 26 62 43 2C 26 62 51 31
32 62 58 19 62 0B 4A 64 70 16 54 1A 2A 25 54 23
1C 1C 43 43 4A 0E 07 52 68 2C 68 2A 64 51 43 52
0D 2C 23 2A 2C 46 62 62 0B 0E 38 51 51 25 54 32
52 4A 61 54 0E 1A 4C 52 62 0B 4A 23 34 62 61 31
1C 68 1C 32 46 0B 68 1A 62 0E 62 1A 31 54 46 38
61 2C 58 1A 16 2A 70 15 64 19 0D 46 26 70 64 0E
2A 2A 2C 34 64 54 0E 4C 23 64 51 61 4A 26 19 1C
2C 2C 0E 70 4C 25 4A 4A 0D 2C 32 34 54 4C 23 61
0E 0B 2A 4A 2C 16 16 32 15 26 0D 64 43 16 13 23
46 23 1C 19 64 4A 26 2C 70 07 61 54 13 1A 25 38
61 54 51 15 2C 58 15 15 1C 2C 0B 43 2A 46 0E 2C
61 43 23 52 23 23 1C 19 25 4C 64 4C 4A 68 0B 64
51 16 1C 0E 43 23 0E 68 64 34 64 62 4C 15 4A 32
2C 52 43 25 1C 07 46 1A 13 23 62 07 0E 23 46 64
54 68 61 38 31 58 19 4A 46 58 54 13 19 38 54 0B
25 61 13 1C 52 0B 61 4C 61 1A 54 13 0E 23 31 64
13 34 23 61 51 61 52 23 43 2C 61 26 15 43 15 4A
25 4C 16 64 1C 43 16 0D 07 16 64 31 32 68 07 0D
70 2C 0B 0D 64 1A 16 26 16 54 1A 38 54 1A 07 07
07 38 34 43 51 43 1A 15 43 0E 54 46 1A 31 1A 34
15 4C 13 15 13 61 13 38 51 31 2A 0B 60 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
38 23 38 1A 1C 52 1A 54 2C 70 31 38 23 34 0E 4A
32 2A 07 46 31 15 4A 70 43 0E 26 31 4C 1C 25 31
52 15 61 46 4C 0B 2C 52 26 0E 0B 25 1C 26 2C 54
26 68 43 52 32 26 52 1C 4A 1C 4A 31 4C 2A 0E 34
68 15 52 25 23 54 43 25 4A 23 0D 0E 61 54 23 16
1A 46 0E 34 0E 31 32 62 43 1C 52 70 19 32 61 07
16 07 4C 19 4A 25 4C 2A 15 13 25 43 1A 52 31 25
0D 4C 4A 2C 51 19 46 46 25 0B 0B 34 54 1C 1A 1C
46 68 19 19 70 0E 1C 32 07 0D 61 46 64 1A 68 0B
62 13 31 0B 4C 54 54 31 43 4C 43 0D 70 13 52 70
62 51 16 51 32 54 68 46 15 0D 62 16 0B 2A 19 70
1A 58 64 2A 1C 2A 34 43 25 4C 62 68 62 43 23 2C
25 46 38 23 0E 68 0E 26 16 52 1A 4A 25 0E 16 51
51 61 07 34 13 07 38 31 70 58 31 19 25 58 1C 43
58 34 51 4C 43 4C 2C 0B 62 43 4A 54 2C 13 58 62
58 13 2C 13 62 25 43 19 51 0D 31 58 54 2A 52 19
34 64 54 68 16 13 43 15 54 4A 62 58 38 26 15 0D
23 31 64 2A 4A 52 70 2A 1C 23 32 68 68 0D 4A 0B
54 4A 23 0D 4A 2A 16 62 70 13 70 34 16 32 64 0E
25 15 13 61 1A 54 38 23 1A 0B 0D 31 2C 1C 26 2A

0D 46 32 15 2C 15 34 54 07 32 1A 2C 4A 0E 62 31
61 0B 34 13 70 19 34 13 4C 0E 26 64 31 07 2C 0D
62 0D 0E 0D 1A 0B 1C 15 70 23 64 38 32 26 32 23
2A 54 43 58 31 38 46 25 15 0E 43 1A 34 43 07 2C
0E 68 58 19 38 51 61 1C 26 07 43 52 19 13 52 43
13 0D 46 0E 34 34 2A 4C 34 07 0D 2C 46 1C 23 07
2A 51 54 0B 2A 07 31 0D 19 25 25 23 15 23 70 0E
58 2C 32 1C 15 15 58 2A 46 61 31 23 25 0E 70 62
23 58 15 0D 23 16 25 64 0E 4A 54 32 07 0D 19 52
43 0D 68 70 4C 2C 1A 13 15 0B 25 31 32 61 51 38
46 43 38 4A 4C 52 23 26 54 4C 0B 61 38 26 32 26
2C 0B 4A 70 15 64 34 25 19 26 68 2C 43 70 1A 13
62 0E 31 0D 07 19 0B 15 16 2A 51 62 1A 54 16 1A
0E 23 4A 19 54 2A 34 58 64 1A 58 13 64 38 38 0D
32 26 51 2C 19 25 68 07 2C 70 61 52 23 2A 46 52
31 16 2A 58 38 46 70 0E 54 4C 19 16 31 0D 68 2C
68 26 25 34 51 61 0E 52 4A 13 54 07 51 32 2C 46
64 4A 52 62 07 23 1A 32 23 68 0B 2A 58 4C 1A 25
62 0D 43 31 32 0E 32 15 4A 38 4A 2A 19 70 61 51
64 68 16 0B 19 61 52 61 38 54 15 4C 0B 1C 13 4A
46 70 1C 52 0D 2A 0D 1C 31 13 25 07 25 19 15 2C
58 70 62 68 58 19 34 46 19 46 43
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14411 kHz, 18-05, 1729 UTC, T600

Sync 1414BEBE952

Session KEY 32 0B 61 32 46 68 61 68 0E 62 2A 19 23 2A 23 46 4A 2C 07 4C 16 62 32 4A 54
70 52 4A 1C 0D 1A 07 0D 52 15 4C 15 62 31 31 34
2A 16 19 2A 13 38 54 43 4C 64
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14581 kHz, 1005 UTC, T600

Sync 1EB41EB2952

Session Key 4C 2A 19 0E 26 52 70 0D 38 23
32 4A 31 0E 43 32 25 19 1A 51 26 38 70 0E 0D 38
62 4A 15 25 0E 32 25 31 13 2C 1C 07 31 31 0D 51
07 34 52 2C 2A 0B 62 70 0D 31 0B 15 34 62 4C 25
58 38
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13064 kHz, 22-05, 0855 UTC, T600

Sync 1EB41EB2952

Session Key 64 43 54 1A 58 4A 31 16 58 0D 42 16 07 23 62 28 15 25 34 61 0D 64 38 32 61 16
26 38 4C 32 70 32 32 0B 63 1C 4C 1A 16 4C 68 70
62 19 68 32 62 70 30 0E 1A 1C 0E 51 05 13 22 07
16 19 31 51 54 37 1B 07 23 46 46 23 68 1C 09 13
0C 1D 4A 17 64 28 32 38 50 23 02 14 40 28 22 01
6C 51 52 07 13 1B 1A 78 31 19 16 61 25 62 51 43
32 38 48 13 23 0D 43 54 23 25 38 2A 48 21 08 06
08 41 54 0C 58 44 13 41 31 26 20 44 5C 54 32 4A
07 64 70 38 41 3E 0D 4C 70 2E 0B 54 0F 34 62 0E
64 4C 43 13 62 32 62 68 4A 38 0E 60 50 46 15 0B
16 19 64 2A 34 4A 31 34 11 0D 52 54 58 61 43 62
43 <EOM><EOM><EOM>

8678 kHz, 22-05, 1555 UTC, T600

Sync 1EB41EB2952

Session Key 16 68 0B 2A 61 4C 70 13 62 58 4A 52 4A 13 51 68 4A 51 4A 2A 4A 54 2C 58 34 25
43 07 31 51 0D 1C 61 1C 43 31 23 0B 2A 0E 0B 0D
07 1A 1C 2C 31 50 2C 62 26 19 34 64 4A 34 32 70
16 61 38 32 1F 66 4C 52 26 46 19 43 51 62 32 46
26 62 34 43 61 4A 32 38 34 16 54 2C 26 34 0D 4C
52 68 19 25 16 52 38 2C 1A 16 68 26 0D 19 19 13
0B 31 4C 52 4C 46 1C 38 19 1A 32 51 0B 0D 15 13
19 25 54 70 25 1A 1C 16 32 26 25 58 64 34
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6841 kHz, 22-05, 1735 UTC, T600

Sync 0X1EB41EB2952

Session Key 23 0B 51 0D 4C 68 0E 2A 07 2C 31 58 52 31 62 52 26 0E 31 2C 25 38 64 13 4A
58 31 51 51 46 62 64 0D 23 58 62 62 19 31 4A 38
19 2C 07 61 25 61 34 62 31 31 4A 23 52 52 1C 0D
0B 2A 1C 07 19 64 58 46 19 2A 58 58 68 54 4C 25
62 68 51 16 68 1A 4A 25 07 4C 25 15 58 70 0D 15
16 1C 62 31 19 60 24 34 16 34 31 34 51 51 68 0B
58 23 26 52 70 34 0E 54 23 15 0D 34 2C 0B 25 51
15 62 2A 60 07 43 68 1A 2A 38 0E 51 07 4C 0B
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7622 kHz, 22-05, 1743 UTC, T600

Sync 1EB41EB2952

Session Key 52 15 62 15 38 07 15 23 4A 0E 62 2A 70 46 52 16 34 13 13 32 07 54 43 52 1C
58 07 61 13 0B 70 52 07 52 4A 0B 0D 62 54 15 58
25 61 68 0B 54 61 46 51 23 58 16 19 52 51 70 46
0D 13 0B 31 0B 0B 43 70 0B 46 62 19 32 23 52 32
25 1A 0D 0E 64 4C 52 46 0E 4A 2C 0B 68 1A 46 0D
43 54 62 32 13 34 52 61 0B 38 13 07 68 25 2A 34
52 4A 34 70 68 46 52 0B 2A 16 0D 70 61 4C 61 70
51 4A 61 19 34 34 4C 1A 16 64 1A 07 52 52 4C 23
1C 25 43 43 0E 23 0D 68 61 07 34 23 51 31 70 62
38 62 64 26 4C 2A 4C 1C 62 61 13 2C 13 61 13 38
64 43 2A 52 51 43 2A 2C 34 15 70 4C 46 70 2A 58
70 34 0B 52 32 46 2A 16 38 16 51 46 26 25 51 64
32 46 0D 1C 38 52 54 16 62 34 52 25 15 2A 0D 54
38 51 31 70 70 46 4C 31 16 2C 1A 4A 0E 34 54 16
0D 4A 46 0B 68 61 46 2C 1A 0E 64 62 32 34 13 23
26 16 1C 70 4A 4C 31 4A 34 34 68 19 52 32 16 64
13 15 19 16 13 0D 19 43 07 34 1A 0B 15 4A 0B 51
52 4A 0E 70 4C 31 23 61 0E 54 19 70 32 07 2C 0E
1A 1A 54 26 68 62 13 1A 34 1C 51 26 23 31 16 1A
19 07 43 1C 62 13 4C 34 15 46 4C 31 23 38 15 68
2C 07 2A 64 4C 2C 68 43 19 62 4A 2C 23 4A 0D 26
16 25 15 2A 34 51 0E 1A 07 0B 15 0B 2C 0D 46 54
13 46 25 54 26 2C 1C 64 15 46 46 0D 68 4A 0B 52
46 0E 34 25 54 16 32 51 2A 0B 2A 51 68 68 2A 07
2C 38 68 15 1A 38 2C 46 25 51 31 15 61 4C 34 61
2C 16 62 61 70 52 4A 51 34 07 62 1C 51 43 4C 0B
0E 23 61 07 70 23 4A 16 64 43 31 26 38 0E 1C 4A
0E 2A 64 52 1A 54 2A 32 07 32 52 26 43 64 13 4A
23 64 4C 61 23 4A 4A 0E 70 43 31 34 68 2C 38 51
4A 54 1C 07 19 13 61 62 23 32 1C 1A 2C 68 4C 25
43 26 1A 13 0E 0B 31 13 26 4C 25 13 25 15 54 64
38 51 51 26 62 0E 2C 31 62 15 46 51 26 2A 0B 68
64 46 4C 51 25 51 07 2A 15 0B 25 68 31 58 16 32
13 52 68 34 0D 62 0B 13 61 62 1C 15 19 32 46 54
0E 51 68 1A 61 38 62 26 0E 16 0B 4A 4A 0B 68 43
61 34 51 2A 0B 0E 58 4C 15 64 43 0B 15 51 19 26
19 38 4A 1A 19 23 52 19 34 34 4A 2A 15 1C 07 13
34 25 13 1C 34 13 2C 46 0D 0D 19 25 26 43 1A 54
4C 61 46 46 64 07 25 19 51 4C 38 54 0D 1A 2C 0B
31 0D 46 52 51 31 32 58 23 0D 2A 46 68 43 26 16
2C 23 58 68 64 51 54 62 19 0E 0E 32 32 54 70 34
51 1C 07 58 1C 1A 61 26 31 16 25 31 1C 26 0D 2C
32 1A 25 15 52 51 4A 13 25 34 38 0B 2C 64 2A 2C
0B 25 0E 70 32 1C 15 61 54 54 13 25 52 52 61 64
46 16 23 46 0B 62 31 0D 52 1C 4C 38 23 31 1C 43
54 2A 0E 19 23 23 4C 31 0B 19 62 58 2C 43 4C 25
64 62 61 07 23 62 0D 0B 64 70 0E 52 13 23 58 52
51 58 1A 1A 38 16 07 26 32 62 4C 1A 26 16 52 64
68 19 38 34 61 4A 54 2C 0D 70 4A 62 51 4C 38 07
34 15 26 46 34 38 0B 52 46 0B 54 43 47 3C 61 4F
51 70 46 0D 34 25 64 2A 38 70 15 31 1C 25 1C 52
31 64 70 34 2A 15 0B 38 62 52 62 34 1A 2C 51 64
2C 13 31 07 61 38 4A 54 07 16 31 25 13 23 4C 46
62 62 61 19 64 64 64 4A 68 34 43 2A 32 13 1A 34
51 15 13 64 51 4C 4C 61 61 1A 34 16 1A 58 32 19

51 43 16 51 0E 64 1A 54 23 23 2C 26 64 13 34 1A
0B 19 15 15 07 25 54 1C 51 58 64 38 4C 58 34 51
2A 1C 0E 13 0B 3F 62 4A 43 38 52 2A 2A 23 70 34
68 54 58 13 68 0E 54 51 51 70 16 0D 52 61 07 13
31 62 70 2A 46 34 1A 15 16 31 4A 2C 68 23 46 2A
54 52 62 46 0E 23 34 52 51 32 31 13 4C 0E 1A 25
16 4C 13 16 19 4A 26 0E 43 0B 68 16 51 23 43 0D
2A 26 46 51 16 2C 26 64 23 34 68 1C 46 34 2C 64
07 15 23 0B 0B 38 52 2C 07 2A 19 0D 15 0E 52 0E
68 16 38 51 07 31 31 46 15 51 62 58 15 38 13 4A
52 62 0B 32 2A 19 58 2C 26 2A 1A 2A 16 0B 68 1A
68 13 38 32 68 64 13 62 58 70 4A 15 26 32 31 07
0B 58 1C 54 4C 31 62 0B 34 46 2A 32 25 0B 16 64
13 31 31 43 23 46 16 0D 2A 19 16 25 52 70 1A 0E
0E 15 31 46 38 62 19 13 43 25 51 07 52 2C 54 43
07 4C 2C 62 51 68 1C 26 4C 51 19 38 26 70 0E 1A
58 0D 2C 61 34 62 15 0B 26 15 43 26 13 52 4A 4C
25 1A 16 51 4C 62 64 25 62 68 64 1A 2C 07 2C 51
0E 13 23 58 62 0D 1C 52 0D 16 16 19 1A 4C 38 46
38 0E 4A 2A 68 25 2C 0D 68 32 52 2C 4C 64 2C 26
64 46 32 07 0D 31 0D 62 38 58 43 43 34 25 54 0E
32 58 4C 07 13 62 38 31 4C 26 19 46 54 0B 25 4C
1A 38 70 19
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7622 kHz, 22-05, 1750 UTC, T600

Sync 1EB41EB2952

Session KEY 0B 1C 16 23 15 19 54 52 1C 1C 16 07 34 0E 54 2C 58 13 0D 13 31 25 07 58
4A 34 25 1C 54 34 26 4A 4C 15 54 23 32 62 64 26
61 34 1C 34 54 46 46 58 58 52 0E 54 70 43 58 32
13 46 1A
<EOM><EOM><EOM>

7622 kHz, 22-05, 1747 UTC, T600

Sync 1EB41EB2952

Session KEY 52 64 64 38 26 54 51 1C 68 68 68 1A 0B 2C 46 54 19 2A 68 07 46 54 15 52 13
1C 15 1A 32 51 58 23 0B 34 0B 16 4C 2A 2C 62 2A
23 15 34 16 15 31 0B 38 07 68 4C 52 54 43 34 13
19 32 2A
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10535 kHz, 29-05, 1108 UTC, T600

Sync 1414BEBE952

Session Key 0B 1C 31 31 0D 62 51 38 38 70 0D 64 2C 1A 25 4C 2A 23 43 25 54 07 4A 58 0B
38 4A 61 4C 70 34 52 70 19 0E 38 51 51 4A 38 4A
58 32 07 15 62
<EOM><EOM><EOM>

10535 kHz, 29-05, 1128 UTC, T600

Sync 1414BEBE952

SESSION KEY 15 52 13 16 25 13 1C 07 61 07 19 2C 07 25 70 4A 62 4C 51 25 25 13 38 34 46 51
07 4C 4C 0B 16 0D 23 13 34 46 58 38 19 15 43 2A
52 1C 54 68
<EOM><EOM><EOM>

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	7055	9-5	1353	Sat	Russian-Ukrainian radio war. Non-stop the same song	LSB	(AB)
---	7457	13-5	0923	Wed	Unid i.p. 1350 090 135 1228 K (long zero's)	CW	(AB)
---	7055	16-5	1428	Sat	Russian-Ukrainian radio war. Patriotic program	LSB	(AB)
---	7055	16-5	2040	Sat	Russian-Ukrainian radio war. Endless anti Russia loop	LSB	(AB)
---	7055	23-5	1621	Sat	Russian-Ukrainian radio war. Endless loop transmission and music	LSB	(AB)
---	7055	23-5	2034	Sat	Russian-Ukrainian radio war. Anti Russia transmission	LSB	(AB)
---	7055	25-5	1640	Mon	Russian-Ukrainian radio war. Patriotic songs and program fragments	LSB	(AB)
---	7055	29-5	0913	Fri	Russian-Ukrainian radio war. Anti Russia loop program	LSB	(AB)
---	7055	30-5	1722	Sat	Russian-Ukrainian radio war. Anti Russia transmission	LSB	(AB)
DPRK	12555	2-5	1233	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12850	2-5	1303	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12202	2-5	1303	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13300	2-5	1303	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14416	2-5	1303	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14418	2-5	1303	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12388	3-5	1410	Sun	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11164	4-5	0705	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11164	4-5	1210	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11175	4-5	1210	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12207	4-5	1211	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	15833	5-5	0600	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11175	6-5	0708	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14444	9-5	0804	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14420	9-5	0804	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14418	9-5	0804	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14416	9-5	0804	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	16134	13-5	1600	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13937	13-5	1637	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13930	13-5	1637	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	17420	14-5	0728	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	14-5	1229	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14444	15-5	1651	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14444	16-5	0820	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	16135	16-5	1623	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12207	22-5	1209	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	14444	23-5	0759	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)

DPRK	13937	27-5	1715	Wed	North Korean diplo i.p.	SPRK-ARQ 600 LSB	(AB)
DPRK	13847	28-5	0700	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14416	29-5	1436	Fri	North Korean diplo i.p.	SPRK-ARQ 600 LSB	(AB)
E06	14565	7-5	0500	Thu	460 127 53 13985 27810 52736 ... 69332 34549 89720 127 53 00000	USB	(AB)
E06	16125	7-5	0600	Thu	460 127 53 13985 27810 52736 ... 69332 34549 89720 127 53 00000	USB	(AB-KWT)
E06	5948	7-5	2030	Thu	724 446 42 45671 65736 96930 ... 57693 48690 03856 446 42 00000 Windows XT shutdown sound	USB	(AB/HFD)
E06	14565	8-5	0500	Fri	460 127 53 13985 27810 52736 ... 69332 34549 89720 127 53 00000	USB	(AB/HFD)
E06	16125	8-5	0600	Fri	460 127 53 13985 27810 52736 ... 69332 34549 89720 127 53 00000	USB	(AB-KWT/HFD)
E06	5731	8-5	2133	Fri	Late start. 315 446 42 45671 65736 96930 ... 57693 48690 03856 446 42 00000 315 Windows XT shutdown sound	USB	(AB/HFD)
E06	14767	14-5	0300	Thu	361 ...	USB	(HFD-J)
E06	12157	21-5	0400	Thu	361 ### 37 76464 ...	USB	(HFD-J)
E06	14565	21-5	0500	Thu	460 379 52 57505 34815 61725 ... 25674 32628 75207 379 52 00000	USB	(AB)
E06	16125	21-5	0600	Thu	460 379 52 57505 34815 61725 ... 25674 32628 75207 379 52 00000	USB	(AB-RUS)
E06	5934	21-5	2030	Thu	724 580 44 31532 37905 68553 ... 78203 80329 38780 580 44 00000 Windows XT shutdown sound	USB	(AB)
E06	14565	22-5	0500	Fri	460 379 52 57505 34815 61725 ... 25674 32628 75207 379 52 00000	USB	(AB)
E06	16125	22-5	0600	Fri	460 379 52 57505 34815 61725 ... 25674 32628 75207 379 52 00000	USB	(AB-RUS)
E06	11404	25-5	0210	Mon	537 ...	USB	(HFD)
E06	19113	27-5	1720	Wed	896 732 41 27638 87840 06670 80834 31476 07324 42575 ...	USB	(Danix)
E06	14986	27-5	1820	Wed	896 732 41 27638 87840 06670 80834 31476 07324 42575 ...	USB	(Danix)
E06	19113	28-5	1720	Thu	896 732 41 27638 87840 06670 80834 31476 07324 42575 ...	USB	(Danix)
E06	14986	28-5	1820	Thu	896 732 41 27638 87840 06670 80834 31476 07324 42575 ...	USB	(Danix)
E07	16246	1-5	0700	Fri	242 242 242 1 587 118 587 118 10981 31281 73313 ... 07630 57934 96039 000 000	USB	(AB-FIN/HFD-KWT)
E07	18446	1-5	0720	Fri	242 242 242 1 587 118 587 118 10981 31281 73313 ... 07630 57934 96039 000 000	USB	(AB-KWT/HFD-KWT)
E07	19246	1-5	0740	Fri	242 242 242 1 587 118 587 118 10981 31281 73313 ... 07630 57934 96039 000 000	USB	(AB-KWT/HFD-KWT)
E07	19659	1-5	1100	Fri	641 641 641 000	USB	(AB-KWT/MPJ/HFD)
E07	17459	1-5	1120	Fri	641 641 641 000	USB	(AB-KWT/MPJ/HFD)
E07	12176	2-5	1300	Sat	152 152 152 000	USB	(HFD)
E07	11576	2-5	1320	Sat	152 152 152 000	USB	(HFD)
E07	15836	2-5	1410	Sat	157 157 157 000	USB	(AB/MPJ/HFD)
E07	14536	2-5	1430	Sat	157 157 157 000	USB	(AB/MPJ/HFD)
E07	10317	3-5	0600	Sun	312 312 312 000	USB	(AB/HFD)
E07	11117	3-5	0620	Sun	312 312 312 000	USB	(AB/HFD)
E07	13934	3-5	1700	Sun	919 919 919 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB/MPJ/HFD)
E07	12134	3-5	1720	Sun	919 919 919 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB/MPJ/HFD)
E07	10934	3-5	1740	Sun	919 919 919 1 9954 122 9954 122 52379 06343 36370 ... 49168 62573 22997 000 000	USB	(AB/MPJ/HFD)
E07	17472	4-5	1900	Mon	483 483 483 000	USB	(AB/HFD)
E07	15872	4-5	1920	Mon	483 483 483 000	USB	(AB/HFD)

E07	16246	5-5	0700	Tue	242 242 242 000	USB	(AB)
E07	18446	5-5	0720	Tue	242 242 242 000	USB	(AB-RUS)
E07	19659	5-5	1100	Tue	641 641 641 1 5249 46 5249 46 60758 08355 89332 ... 53623 01005 79200 000 000	USB	(AB/MPJ)
E07	17459	5-5	1120	Tue	641 641 641 1 5249 46 5249 46 60758 08355 89332 ... 53623 01005 79200 000 000	USB	(AB/MPJ)
E07	16159	5-5	1140	Tue	641 641 641 1 5249 46 5249 46 60758 08355 89332 ... 53623 01005 79200 000 000	USB	(AB/MPJ)
E07	13934	6-5	1700	Wed	919 919 919 000	USB	(AB/MPJ)
E07	12134	6-5	1720	Wed	919 919 919 000	USB	(AB/MPJ)
E07	17472	6-5	1900	Wed	483 483 483 000	USB	(AB)
E07	15872	6-5	1920	Wed	483 483 483 000	USB	(AB/RL)
E07	15836	7-5	1410	Thu	157 157 157 000	USB	(AB/MPJ)
E07	14536	7-5	1430	Thu	157 157 157 000	USB	(AB/MPJ)
E07	16246	8-5	0700	Fri	242 242 242 000	USB	(AB-RUS)
E07	18446	8-5	0720	Fri	242 242 242 000	USB	(AB-KWT)
E07	19659	8-5	1100	Fri	641 641 641 1 5249 46 5249 46 60758 08355 89332 ... 53623 01005 79200 000 000	USB	(AB/MPJ)
E07	17459	8-5	1120	Fri	641 641 641 1 5249 46 5249 46 60758 08355 89332 ... 53623 01005 79200 000 000	USB	(AB/MPJ)
E07	16159	8-5	1140	Fri	641 641 641 1 5249 46 5249 46 60758 08355 89332 ... 53623 01005 79200 000 000	USB	(AB/MPJ)
E07	12176	9-5	1300	Sat	152 152 152 999	USB	(AB/MPJ)
E07	11576	9-5	1320	Sat	152 152 152 999	USB	(AB/MPJ)
E07	15836	9-5	1410	Sat	157 157 157 000	USB	(AB-RUS)
E07	14536	9-5	1430	Sat	157 157 157 000	USB	(AB)
E07	10317	10-5	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	10-5	0620	Sun	312 312 312 000	USB	(AB)
E07	13934	10-5	1700	Sun	919 919 919 000	USB	(AB/MPJ)
E07	12134	10-5	1720	Sun	919 919 919 000	USB	(AB/MPJ)
E07	17472	11-5	1900	Mon	483 483 483 1 617 89 617 89 12932 60250 83753 ... 86400 75343 29259 000 000	USB	(AB-RUS)
E07	15872	11-5	1920	Mon	483 483 483 1 617 89 617 89 12932 60250 83753 ... 86400 75343 29259 000 000	USB	(AB-RUS)
E07	14372	11-5	1940	Mon	483 483 483 1 617 89 617 89 12932 60250 83753 ... 86400 75343 29259 000 000	USB	(AB-RUS)
E07	16246	12-5	0700	Tue	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB-KWT)
E07	18446	12-5	0720	Tue	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB-KWT)
E07	19246	12-5	0740	Tue	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB-KWT)
E07	19659	12-5	1100	Tue	641 641 641 1 247 44 247 44 32478 83410 81160 ... 12204 48684 69614 000 000	USB	(AB/MPJ)
E07	17459	12-5	1120	Tue	641 641 641 1 247 44 247 44 32478 83410 81160 ... 12204 48684 69614 000 000	USB	(AB/MPJ)
E07	16159	12-5	1140	Tue	641 641 641 1 247 44 247 44 32478 83410 81160 ... 12204 48684 69614 000 000	USB	(AB/MPJ)
E07	13934	13-5	1700	Wed	919 919 919 1 8762 236 8762 236 03149 60346 68886 ... 72438 26425 39596 000 000	USB	(AB)
E07	12134	13-5	1731	Wed	919 919 919 1 8762 236 8762 236 03149 60346 68886 ... 72438 26425 39596 000 000	USB	(AB)
E07	10934	13-5	1802	Wed	919 919 919 1 8762 236 8762 236 03149 60346 68886 ... 72438 26425 39596 000 000	USB	(AB)
E07	17472	13-5	1900	Wed	483 483 483 1 617 89 617 89 12932 60250 83753 ... 86400 75343 29259 000 000	USB	(AB-KWT/RL)
E07	15872	13-5	1920	Wed	483 483 483 1 617 89 617 89 12932 60250 83753 ... 86400 75343 29259 000 000	USB	(AB/RL)
E07	14372	13-5	1940	Wed	483 483 483 1 617 89 617 89 12932 60250 83753 ... 86400 75343 29259 000 000	USB	(AB/RL)
E07	15836	14-5	1410	Thu	157 157 157 1 569 64 569 64 04027 21502 31530 ... 51235 83108 39170 000 000	USB	(AB)

E07	14536	14-5	1430	Thu	157 157 157 1 569 64 569 64 04027 21502 31530 ... 51235 83108 39170 000 000	USB	(AB)
E07	13536	14-5	1450	Thu	157 157 157 1 569 64 569 64 04027 21502 31530 ... 51235 83108 39170 000 000	USB	(AB)
E07	16246	15-5	0700	Fri	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB-KWT)
E07	18446	15-5	0720	Fri	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB-KWT)
E07	19246	15-5	0740	Fri	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB-KWT)
E07	19659	15-5	1100	Fri	641 641 641 1 247 44 247 44 32478 83410 81160 ... 12204 48684 69614 000 000	USB	(AB/MPJ)
E07	17459	15-5	1120	Fri	641 641 641 1 247 44 247 44 32478 83410 81160 ... 12204 48684 69614 000 000	USB	(AB/MPJ)
E07	16159	15-5	1140	Fri	641 641 641 1 247 44 247 44 32478 83410 81160 ... 12204 48684 69614 000 000	USB	(AB)
E07	12176	16-5	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	16-5	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	15836	16-5	1410	Sat	157 157 157 1 569 64 569 64 04027 21502 31530 ... 51235 83108 39170 000 000	USB	(AB)
E07	14536	16-5	1430	Sat	157 157 157 1 569 64 569 64 04027 21502 31530 ... 51235 83108 39170 000 000	USB	(AB)
E07	13536	16-5	1450	Sat	157 157 157 1 569 64 569 64 04027 21502 31530 ... 51235 83108 39170 000 000	USB	(AB)
E07	10317	17-5	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	17-5	0620	Sun	312 312 312 000	USB	(AB)
E07	13934	17-5	1700	Sun	919 919 919 1 8762 236 8762 236 03149 60346 68886 ... 72438 26425 39596 000 000	USB	(AB)
E07	12134	17-5	1731	Sun	919 919 919 1 8762 236 8762 236 03149 60346 68886 ... 72438 26425 39596 000 000	USB	(AB)
E07	10934	17-5	1802	Sun	919 919 919 1 8762 236 8762 236 03149 60346 68886 ... 72438 26425 39596 000 000	USB	(AB)
E07	17472	18-5	1900	Mon	483 483 483 000	USB	(AB)
E07	15872	18-5	1920	Mon	483 483 483 000	USB	(AB)
E07	16246	19-5	0700	Tue	242 242 242 000	USB	(AB)
E07	18446	19-5	0720	Tue	242 242 242 000	USB	(AB-FIN)
E07	19659	19-5	1100	Tue	641 641 641 1 565 74 565 74 97559 17963 06887 ... 14305 29129 16739 000 000	USB	(AB)
E07	17459	19-5	1120	Tue	641 641 641 1 565 74 565 74 97559 17963 06887 ... 14305 29129 16739 000 000	USB	(AB)
E07	16159	19-5	1140	Tue	641 641 641 1 565 74 565 74 97559 17963 06887 ... 14305 29129 16739 000 000	USB	(AB)
E07	13934	20-5	1700	Wed	919 919 919 000	USB	(AB)
E07	12134	20-5	1720	Wed	919 919 919 000	USB	(AB)
E07	17472	20-5	1900	Wed	483 483 483 000	USB	(AB)
E07	15872	20-5	1920	Wed	483 483 483 000	USB	(AB)
E07	15836	21-5	1410	Thu	157 157 157 000	USB	(AB/MPJ)
E07	14536	21-5	1430	Thu	157 157 157 000	USB	(AB/MPJ)
E07	16246	22-5	0700	Fri	242 242 242 000	USB	(AB)
E07	18446	22-5	0720	Fri	242 242 242 000	USB	(AB)
E07	19659	22-5	1100	Fri	641 641 641 1 565 74 565 74 97559 17963 06887 ... 14305 29129 16739 000 000	USB	(AB)
E07	17459	22-5	1120	Fri	641 641 641 1 565 74 565 74 97559 17963 06887 ... 14305 29129 16739 000 000	USB	(AB)
E07	16159	22-5	1140	Fri	641 641 641 1 565 74 565 74 97559 17963 06887 ... 14305 29129 16739 000 000	USB	(AB)
E07	12176	23-5	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	23-5	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	15836	23-5	1410	Sat	157 157 157 000	USB	(AB)
E07	14536	23-5	1430	Sat	157 157 157 000	USB	(AB)

E07	10317	24-5	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	24-5	0620	Sun	312 312 312 000	USB	(AB/F5JBR)
E07	13934	24-5	1700	Sun	919 919 919 000	USB	(AB/GHn)
E07	12134	24-5	1720	Sun	919 919 919 000	USB	(AB)
E07	17472	25-5	1900	Mon	483 483 483 000	USB	(AB)
E07	15872	25-5	1920	Mon	483 483 483 000	USB	(AB)
E07	16246	26-5	0700	Tue	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB)
E07	19246	26-5	0720	Tue	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB-KWT)
E07	18446	26-5	0720	Tue	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB-KWT)
E07	19659	26-5	1100	Tue	641 641 641 1 631 144 631 144 76078 50742 31098 ... 69693 54877 63978 000 000	USB	(AB/MPJ)
E07	17459	26-5	1120	Tue	641 641 641 1 631 144 631 144 76078 50742 31098 ... 69693 54877 63978 000 000	USB	(AB/MPJ)
E07	16159	26-5	1140	Tue	641 641 641 1 631 144 631 144 76078 50742 31098 ... 69693 54877 63978 000 000	USB	(AB/MPJ)
E07	13934	27-5	1700	Wed	919 919 919 000	USB	(AB/GHn)
E07	12134	27-5	1720	Wed	919 919 919 000	USB	(AB)
E07	17472	27-5	1900	Wed	483 483 483 000	USB	(AB/RL)
E07	15872	27-5	1920	Wed	483 483 483 000	USB	(AB)
E07	15836	28-5	1410	Thu	157 157 157 1 264 144 264 144 72288 68247 98027 ... 52894 15420 04331 000 000	USB	(AB-QAT/MPJ)
E07	13536	28-5	1430	Thu	157 157 157 1 264 144 264 144 72288 68247 98027 ... 52894 15420 04331 000 000	USB	(AB-KWT/MPJ)
E07	14536	28-5	1430	Thu	157 157 157 1 264 144 264 144 72288 68247 98027 ... 52894 15420 04331 000 000	USB	(AB-KWT/MPJ)
E07	16246	29-5	0700	Fri	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB)
E07	18446	29-5	0720	Fri	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB)
E07	19246	29-5	0720	Fri	242 242 242 1 5543 58 5543 58 53534 54735 84614 ... 22752 68285 09330 000 000	USB	(AB)
E07	19659	29-5	1100	Fri	641 641 641 1 631 144 631 144 76078 50742 31098 ... 69693 54877 63978 000 000	USB	(AB/MPJ)
E07	17459	29-5	1120	Fri	641 641 641 1 631 144 631 144 76078 50742 31098 ... 69693 54877 63978 000 000	USB	(AB/MPJ)
E07	16159	29-5	1140	Fri	641 641 641 1 631 144 631 144 76078 50742 31098 ... 69693 54877 63978 000 000	USB	(AB/MPJ)
E07	12176	30-5	1300	Sat	152 152 152 000	USB	(AB)
E07	11576	30-5	1320	Sat	152 152 152 000	USB	(AB)
E07	15836	30-5	1410	Sat	157 157 157 1 264 144 264 144 72288 68247 98027 ... 52894 15420 04331 000 000	USB	(AB-RUS)
E07	14536	30-5	1430	Sat	157 157 157 1 264 144 264 144 72288 68247 98027 ... 52894 15420 04331 000 000	USB	(AB-KWT)
E07	13536	30-5	1430	Sat	157 157 157 1 264 144 264 144 72288 68247 98027 ... 52894 15420 04331 000 000	USB	(AB-KWT)
E07	10317	31-5	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	31-5	0620	Sun	312 312 312 000	USB	(AB)
E07	13934	31-5	1700	Sun	919 919 919 000	USB	(AB)
E07	12134	31-5	1720	Sun	919 919 919 000	USB	(AB)
E07a	12182	1-5	1510	Fri	101 101 101 000	USB	(AB/MPJ/HFD)
E07a	11082	1-5	1530	Fri	101 101 101 000	USB	(AB/MPJ/HFD)
E07a	12177	2-5	0800	Sat	148 148 148 000	USB	(AB/HFD)
E07a	13477	2-5	0820	Sat	148 148 148 000	USB	(AB/HFD)
E07a	12166	6-5	2000	Wed	172 172 172 000	USB	(AB/RL/HFD)
E07a	10766	6-5	2020	Wed	172 172 172 000	USB	(AB/RL/HFD)

E07a	7933	7-5	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	7-5	0450	Thu	912 912 912 000	USB	(AB)
E07a	12182	8-5	1510	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	11082	8-5	1530	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	12177	9-5	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	9-5	0820	Sat	148 148 148 000	USB	(AB)
E07a	12166	13-5	2000	Wed	172 172 172 000	USB	(AB/RL)
E07a	10766	13-5	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	14-5	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	14-5	0450	Thu	912 912 912 000	USB	(AB)
E07a	12182	15-5	1510	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	11082	15-5	1530	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	12177	16-5	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	16-5	0820	Sat	148 148 148 000	USB	(AB)
E07a	12166	20-5	2000	Wed	172 172 172 000	USB	(AB/RL)
E07a	10766	20-5	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	21-5	0430	Thu	912 912 912 000	USB	(AB/HFD)
E07a	9133	21-5	0450	Thu	912 912 912 000	USB	(AB/HFD)
E07a	12182	22-5	1510	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	11082	22-5	1530	Fri	101 101 101 000	USB	(AB/GHn/MPJ)
E07a	12177	23-5	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	23-5	0820	Sat	148 148 148 000	USB	(AB)
E07a	12166	27-5	2000	Wed	172 172 172 000	USB	(AB/RL)
E07a	10766	27-5	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	28-5	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	28-5	0450	Thu	912 912 912 000	USB	(AB)
E07a	12182	29-5	1510	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	11082	29-5	1530	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	12177	30-5	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	30-5	0820	Sat	148 148 148 000	USB	(AB)
E11	6849	1-5	0435	Fri	350/00	USB	(AB)
E11	8680	1-5	0700	Fri	574/00	USB	(AB)
E11	10429	1-5	0715	Fri	630/00	USB	(AB)
E11	15720	1-5	0745	Fri	346/00	USB	(AB-POL/HFD)
E11	4909	1-5	0820	Fri	430/00	USB	(AB/HFD)
E11	12202	1-5	0830	Fri	188/00	USB	(AB/HFD)
E11	8180	1-5	1000	Fri	305/00	USB	(AB/HFD)
E11	8180	1-5	1000	Fri	305/00	USB	(HFD)
E11	5409	1-5	1530	Fri	521/00	USB	(AB/MPJ/HFD)
E11	12229	1-5	1650	Fri	921/00	USB	(AB/HFD)

E11	9610	1-5	1910	Fri	612/00	USB	(AB-POL/MPJ/HFD)
E11	6480	2-5	0710	Sat	498/00	USB	(AB/HFD)
E11	5737	2-5	0805	Sat	319/00	USB	(AB/HFD)
E11	12984	2-5	1345	Sat	911/00	USB	(AB/HFD)
E11	4783	2-5	1705	Sat	394/00	USB	(AB/MPJ/HFD)
E11	5082	2-5	1930	Sat	369/00	USB	(AB/HFD)
E11	6849	3-5	0435	Sun	350/00	USB	(AB/HFD)
E11	6480	3-5	0710	Sun	495/00	USB	(AB/HFD)
E11	5737	3-5	0805	Sun	311/00	USB	(AB/HFD)
E11	5371	3-5	1605	Sun	230/00	USB	(AB/MPJ/HFD)
E11	7863	3-5	1625	Sun	977/00	USB	(HFD)
E11	7863	3-5	1625	Sun	977/00	USB	(AB/MPJ/HFD)
E11	12229	3-5	1650	Sun	926/00	USB	(AB/MPJ/HFD)
E11	14410	3-5	1745	Sun	242/00	USB	(AB/MPJ/HFD)
E11	9610	3-5	1910	Sun	611/00	USB	(AB)
E11	5082	3-5	1930	Sun	368/00	USB	(AB)
E11	15800	4-5	0640	Mon	944/00	USB	(AB-POL)
E11	9610	4-5	0745	Mon	264/00	USB	(AB/HFD)
E11	7449	4-5	0900	Mon	533/00	USB	(AB/HFD)
E11	5409	4-5	1530	Mon	527/00	USB	(AB/MPJ/HFD)
E11	7600	4-5	1900	Mon	646/00	USB	(AB/MPJ/HFD)
E11	13424	5-5	0645	Tue	518/00	USB	(AB)
E11	8680	5-5	0700	Tue	575/00	USB	(AB)
E11	14940	5-5	0745	Tue	229/00	USB	(HFD)
E11	17378	5-5	0820	Tue	130/00 v	USB	(HFD-QAT)
E11	12135	5-5	0845	Tue	152/00	USB	(AB/HFD)
E11	8180	5-5	1000	Tue	300/00	USB	(AB)
E11	6304	5-5	1205	Tue	465/00	USB	(AB/HFD)
E11	12984	5-5	1345	Tue	915/00	USB	(AB/MPJ)
E11	5371	5-5	1605	Tue	237/00	USB	(AB)
E11	14575	5-5	1700	Tue	332/00	USB	(AB/HFD)
E11	15800	6-5	0640	Wed	945/00	USB	(AB-POL/HFD)
E11	15720	6-5	0745	Wed	344/00	USB	(AB)
E11	17378	6-5	0820	Wed	134/00	USB	(AB)
E11	6304	6-5	1205	Wed	462/00	USB	(AB)
E11	7863	6-5	1625	Wed	978/00	USB	(AB/MPJ)
E11	4783	6-5	1705	Wed	399/00	USB	(AB/MPJ)
E11	13424	7-5	0645	Thu	511/00	USB	(AB)
E11	4909	7-5	0820	Thu	439/00	USB	(AB)
E11	12153	7-5	0845	Thu	155/00	USB	(AB)

E11	6923	7-5	0930	Thu	277/00	USB	(AB/HFD)
E11	6923	7-5	0930	Thu	277/00	USB	(HFD)
E11	10356	7-5	1530	Thu	269/00	USB	(HFD)
E11	10356	7-5	1530	Thu	269/00	USB	(AB/MPJ)
E11	14575	7-5	1700	Thu	330/00	USB	(AB)
E11	7600	7-5	1900	Thu	641/00	USB	(AB)
E11	6849	8-5	0435	Fri	354/00	USB	(AB)
E11	8680	8-5	0700	Fri	576/00	USB	(AB)
E11	10429	8-5	0715	Fri	633/00	USB	(AB)
E11	15720	8-5	0745	Fri	344/00	USB	(AB-POL)
E11	4909	8-5	0820	Fri	430/00	USB	(AB)
E11	8180	8-5	1000	Fri	309/00	USB	(AB)
E11	5409	8-5	1530	Fri	521/00	USB	(AB/MPJ)
E11	6480	9-5	0710	Sat	498/00	USB	(AB)
E11	5737	9-5	0805	Sat	315/00	USB	(AB)
E11	12984	9-5	1345	Sat	914/00	USB	(AB/MPJ)
E11	4783	9-5	1705	Sat	393/00	USB	(AB/MPJ)
E11	6849	10-5	0435	Sun	355/00	USB	(AB)
E11	6480	10-5	0710	Sun	498/00	USB	(AB)
E11	5737	10-5	0805	Sun	313/00	USB	(AB)
E11	5371	10-5	1605	Sun	230/00	USB	(AB/MPJ)
E11	7863	10-5	1625	Sun	970/00	USB	(AB/MPJ)
E11	7469	11-5	0450	Mon	415/00	USB	(AB)
E11	15800	11-5	0640	Mon	949/00	USB	(AB)
E11	12202	11-5	0830	Mon	182/00	USB	(AB)
E11	7449	11-5	0900	Mon	538/00	USB	(AB)
E11	8545	11-5	1045	Mon	696/00	USB	(AB)
E11	5409	11-5	1530	Mon	527/00	USB	(AB/MPJ)
E11	14410	11-5	1745	Mon	247/00	USB	(MPJ)
E11	7600	11-5	1900	Mon	640/00	USB	(AB/MPJ)
E11	13424	12-5	0645	Tue	510/00	USB	(AB)
E11	8680	12-5	0700	Tue	570/00	USB	(AB)
E11	10429	12-5	0715	Tue	631/00	USB	(PP1)
E11	17378	12-5	0820	Tue	134/00	USB	(AB-POL)
E11	8180	12-5	1000	Tue	308/00	USB	(AB)
E11	6304	12-5	1205	Tue	461/00	USB	(AB)
E11	12984	12-5	1345	Tue	914/00	USB	(AB/MPJ)
E11	5371	12-5	1605	Tue	238/00	USB	(AB)
E11	14575	12-5	1700	Tue	332/00	USB	(AB/MPJ)
E11	15800	13-5	0640	Wed	942/00	USB	(AB-POL)

E11	17378	13-5	0820	Wed	138/00	USB	(AB-POL)
E11	7449	13-5	0900	Wed	Active but too weak to copy	USB	(AB)
E11	6923	13-5	0930	Wed	270/00	USB	(AB)
E11	8545	13-5	1045	Wed	690/00	USB	(AB)
E11	6304	13-5	1205	Wed	462/00	USB	(AB)
E11	7863	13-5	1625	Wed	976/00	USB	(AB/GHn)
E11	4783	13-5	1705	Wed	392/00	USB	(AB)
E11	8565	14-5	0315	Thu	255/00	USB	(HFD)
E11	13424	14-5	0645	Thu	514/00	USB	(AB)
E11	6923	14-5	0930	Thu	271/00	USB	(AB)
E11	14575	14-5	1700	Thu	330/00	USB	(AB-POL)
E11	8088	14-5	1730	Thu	416/00	USB	(AB)
E11	7600	14-5	1900	Thu	643/00	USB	(AB)
E11	6849	15-5	0435	Fri	355/00	USB	(AB)
E11	8680	15-5	0700	Fri	576/00	USB	(AB)
E11	10429	15-5	0715	Fri	636/00	USB	(AB)
E11	12202	15-5	0830	Fri	182/00	USB	(AB)
E11	8180	15-5	1000	Fri	304/00	USB	(AB)
E11	5409	15-5	1530	Fri	520/00	USB	(AB/MPJ)
E11	12229	15-5	1650	Fri	920/00	USB	(AB/MPJ)
E11	9610	15-5	1910	Fri	618/00	USB	(AB)
E11	12984	16-5	1345	Sat	912/00	USB	(AB/MPJ)
E11	4783	16-5	1705	Sat	394/00	USB	(AB/MPJ)
E11	5082	16-5	1930	Sat	364/00	USB	(AB)
E11	6849	17-5	0435	Sun	359/00	USB	(AB)
E11	5371	17-5	1605	Sun	231/00	USB	(AB)
E11	7863	17-5	1625	Sun	977/00	USB	(AB)
E11	12229	17-5	1650	Sun	927/00	USB	(AB)
E11	14410	17-5	1745	Sun	246/00	USB	(AB)
E11	9610	17-5	1910	Sun	610/00	USB	(AB)
E11	5082	17-5	1930	Sun	363/00	USB	(AB)
E11	7469	18-5	0450	Mon	411/00	USB	(AB)
E11	9610	18-5	0745	Mon	266/00	USB	(AB)
E11	12202	18-5	0830	Mon	180/00	USB	(AB)
E11	7449	18-5	0900	Mon	537/00	USB	(AB)
E11	8545	18-5	1045	Mon	696/00	USB	(MPJ)
E11	14410	18-5	1745	Mon	247/00	USB	(AB/MPJ)
E11	7600	18-5	1900	Mon	643/00	USB	(AB/RL)
E11	17378	19-5	0820	Tue	132/00	USB	(AB)
E11	12135	19-5	0845	Tue	159/00	USB	(AB)

E11	6304	19-5	1205	Tue	460/00	USB	(AB/MPJ)
E11	5371	19-5	1605	Tue	232/00	USB	(AB/MPJ)
E11	15720	20-5	0745	Wed	349/00	USB	(AB-POL)
E11	17378	20-5	0820	Wed	136/00	USB	(AB-POL)
E11	7449	20-5	0900	Wed	530/00	USB	(AB)
E11	6923	20-5	0930	Wed	271/00	USB	(AB)
E11	8545	20-5	1045	Wed	691/00	USB	(AB)
E11	6304	20-5	1205	Wed	460/00	USB	(AB/MPJ)
E11	7863	20-5	1625	Wed	977/00	USB	(AB/MPJ)
E11	4783	20-5	1705	Wed	392/00	USB	(AB/MPJ)
E11	4909	21-5	0820	Thu	436/00	USB	(AB)
E11	12153	21-5	0845	Thu	159/00	USB	(AB)
E11	6923	21-5	0930	Thu	276/00	USB	(AB)
E11	10356	21-5	1530	Thu	269/00	USB	(AB/MPJ)
E11	8088	21-5	1730	Thu	414/00	USB	(MPJ)
E11	7600	21-5	1900	Thu	640/00	USB	(AB/MPJ)
E11	15720	22-5	0745	Fri	346/00	USB	(AB)
E11	4909	22-5	0820	Fri	434/00	USB	(AB)
E11	12202	22-5	0830	Fri	181/00	USB	(AB)
E11	12229	22-5	1650	Fri	924/00	USB	(AB/MPJ)
E11	9610	22-5	1910	Fri	612/00	USB	(AB/MPJ)
E11	6480	23-5	0710	Sat	496/00	USB	(AB)
E11	5737	23-5	0805	Sat	316/00	USB	(AB)
E11	4783	23-5	1705	Sat	395/00	USB	(AB/MPJ)
E11	5082	23-5	1930	Sat	363/00	USB	(AB)
E11	6480	24-5	0710	Sun	496/00	USB	(AB)
E11	5737	24-5	0805	Sun	314/00	USB	(AB)
E11	5371	24-5	1605	Sun	231/00	USB	(AB/MPJ)
E11	7863	24-5	1625	Sun	977/00	USB	(AB/MPJ)
E11	12229	24-5	1650	Sun	927/00	USB	(AB)
E11	14410	24-5	1745	Sun	249/00	USB	(AB/MPJ)
E11	9610	24-5	1910	Sun	618/00	USB	(AB/MPJ)
E11	5082	24-5	1930	Sun	363/00	USB	(AB)
E11	7469	25-5	0450	Mon	411/00	USB	(AB)
E11	15800	25-5	0640	Mon	946/00	USB	(AB)
E11	12202	25-5	0830	Mon	180/00	USB	(AB)
E11	8545	25-5	1045	Mon	696/00	USB	(AB/MPJ)
E11	14410	25-5	1745	Mon	240/00	USB	(AB/MPJ)
E11	13424	26-5	0645	Tue	517/00	USB	(AB)
E11	8680	26-5	0700	Tue	573/00	USB	(AB)

E11	14940	26-5	0745	Tue	227/00	USB	(AB)
E11	12135	26-5	0845	Tue	159/00	USB	(AB)
E11	8180	26-5	1000	Tue	308/00	USB	(AB)
E11	12984	26-5	1345	Tue	919/00	USB	(AB)
E11	14575	26-5	1700	Tue	337/00	USB	(AB)
E11	15800	27-5	0640	Wed	946/00	USB	(AB-POL)
E11	15720	27-5	0745	Wed	340/00	USB	(AB-POL)
E11	8545	27-5	1045	Wed	692/00	USB	(AB/MPJ)
E11	13424	28-5	0645	Thu	518/00	USB	(AB)
E11	14940	28-5	0745	Thu	225/00	USB	(AB)
E11	4909	28-5	0820	Thu	439/00	USB	(AB)
E11	12153	28-5	0845	Thu	152/00	USB	(AB)
E11	10356	28-5	1530	Thu	260/00	USB	(AB/MPJ)
E11	14575	28-5	1700	Thu	332/00	USB	(AB-POL/MPJ-POL)
E11	8088	28-5	1730	Thu	411/00	USB	(AB/MPJ)
E11	6849	29-5	0435	Fri	359/00	USB	(AB)
E11	6849	29-5	0435	Fri	359/00	USB	(HFD)
E11	8680	29-5	0700	Fri	577/00	USB	(AB)
E11	10429	29-5	0715	Fri	633/00	USB	(AB)
E11	4909	29-5	0820	Fri	438/00	USB	(AB)
E11	12202	29-5	0830	Fri	184/00	USB	(AB)
E11	8180	29-5	1000	Fri	304/00	USB	(AB)
E11	5409	29-5	1530	Fri	527/00	USB	(AB)
E11	12229	29-5	1650	Fri	921/00	USB	(AB/MPJ)
E11	9610	29-5	1910	Fri	610/00	USB	(AB/MPJ)
E11	6480	30-5	0710	Sat	492/00	USB	(AB)
E11	5737	30-5	0805	Sat	311/00	USB	(AB)
E11	12984	30-5	1345	Sat	918/00	USB	(AB/MPJ)
E11	5082	30-5	1930	Sat	368/00	USB	(AB)
E11	6849	31-5	0435	Sun	354/00	USB	(AB)
E11	6480	31-5	0710	Sun	495/00	USB	(AB)
E11	5737	31-5	0805	Sun	311/00	USB	(AB)
E11	12229	31-5	1650	Sun	929/00	USB	(AB/MPJ)
E11	14410	31-5	1745	Sun	247/00	USB	(AB/MPJ)
E11	9610	31-5	1910	Sun	611/00	USB	(AB)
E11	5082	31-5	1930	Sun	366/00	USB	(AB)
E11a	7469	4-5	0450	Mon	411/31 Attention 11244 19597 75084 ... 99740 83905 96033 Attention (message repeated) Out	USB	(AB)
E11a	12202	4-5	0830	Mon	181/39 Attention 49681 03046 59852 ... 33485 20218 48478 Attention (message repeated) Out	USB	(AB)

E11a	8545	4-5	1045	Mon	696/33 Attention 44799 96726 04414 ... 49997 31427 04772 Attention (message repeated) Out	USB	(AB/HFD)
E11a	14410	4-5	1745	Mon	247/31 Attention 62657 22926 59463 ... 50507 04558 36948 Attention (message repeated) Out	USB	(AB-POL/MPJ)
E11a	8545	6-5	1045	Wed	696/33 Attention 44799 96726 04414 ... 49997 31427 04772 Attention (message repeated) Out	USB	(AB)
E11a	14940	7-5	0745	Thu	222/39 Attention 55786 98193 07408 ... 61454 38670 11739 Attention (message repeated) Out	USB	(AB)
E11a	8088	7-5	1730	Thu	411/31 Attention 11244 19597 75084 ... 99740 83905 96033 Attention (message repeated) Out	USB	(AB/HFD)
E11a	12202	8-5	0830	Fri	181/39 Attention 49681 03046 59852 ... 33485 20218 48478 Attention (message repeated) Out	USB	(AB)
E11a	12229	8-5	1650	Fri	929/36 Attention 77681 82183 86580 ... 59494 65887 16133 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	9610	8-5	1910	Fri	611/38 Attention 50093 04070 56882 ... 49797 43566 37181 Attention (message repeated) Out	USB	(AB)
E11a	5082	9-5	1930	Sat	363/32 Attention 99149 78771 31778 ... 59921 04006 32458 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	12229	10-5	1650	Sun	929/36 Attention 77681 82183 86580 ... 59494 65887 16133 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	14410	10-5	1745	Sun	247/31 Attention 62657 22926 59463 ... 50507 04558 36948 Attention (message repeated) Out	USB	(AB)
E11a	9610	10-5	1910	Sun	611/38 Attention 50093 04070 56882 ... 49797 43566 37181 Attention (message repeated) Out	USB	(AB)
E11a	5082	10-5	1930	Sun	363/32 Attention 99149 78771 31778 ... 59921 04006 32458 Attention (message repeated) Out	USB	(AB)
E11a	9610	11-5	0745	Mon	264/31 Attention 76314 00136 22879 ... 93379 65084 03626 Attention (message repeated) Out	USB	(AB)
E11a	14940	12-5	0745	Tue	222/39 Attention 55786 98193 07408 ... 61454 38670 11739 Attention (message repeated) Out	USB	(AB)
E11a	12135	12-5	0845	Tue	151/30 Attention 42859 36579 15087 ... 36843 50661 75919 Attention (message repeated) Out	USB	(AB)
E11a	15720	13-5	0745	Wed	344/37 Attention 02722 30900 67474 ... 03967 34910 35748 Attention (message repeated) Out	USB	(AB-POL)
E11a	12153	14-5	0845	Thu	151/30 Attention 42859 36579 15087 ... 36843 50661 75919 Attention (message repeated) Out	USB	(AB)
E11a	10356	14-5	1530	Thu	264/31 Attention 76314 00136 22879 ... 93379 65084 03626 Attention (message repeated) Out	USB	(AB/GHn)
E11a	15720	15-5	0745	Fri	344/37 Attention 02722 30900 67474 ... 03967 34910 35748 Attention (message repeated) Out	USB	(AB-POL)

E11a	4909	15-5	0820	Fri	430/34 Attention 12650 72138 56932 ... 39030 56025 28352 Attention (message repeated) Out	USB	(AB-POL)
E11a	6480	16-5	0710	Sat	490/32 Attention 78192 34284 86649 ... 28908 07329 12526 Attention (message repeated) Out	USB	(AB)
E11a	5737	16-5	0805	Sat	316/37 Attention 80274 91994 67077 ... 36954 47494 00966 Attention (message repeated) Out	USB	(AB)
E11a	6480	17-5	0710	Sun	490/32 Attention 78192 34284 86649 ... 28908 07329 12526 Attention (message repeated) Out	USB	(AB)
E11a	5737	17-5	0805	Sun	316/37 Attention 80274 91994 67077 ... 36954 47494 00966 Attention (message repeated) Out	USB	(AB)
E11a	5409	18-5	1530	Mon	527/35 Attention 72374 51897 25475 ... 77195 08169 43164 Attention (Message repeated) Out	USB	(AB/MPJ)
E11a	13424	19-5	0645	Tue	514/32 Attention 11856 11000 56501 ... 54485 91030 22364 Attention (message repeated) Out	USB	(AB)
E11a	8680	19-5	0700	Tue	570/33 Attention 88110 74186 25853 ... 64090 71974 45949 Attention (message repeated) Out	USB	(AB)
E11a	14940	19-5	0745	Tue	224/39 Attention 90983 44785 56764 ... 29506 86329 92702 Attention (message repeated) Out	USB	(AB)
E11a	8180	19-5	1000	Tue	306/25 Attention 91785 98567 23304 ... 69819 80909 55194 Attention (message repeated) Out	USB	(AB)
E11a	12984	19-5	1345	Tue	918/35 Attention 98545 71109 23506 ... 67831 84230 76701 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	14575	19-5	1700	Tue	330/32 Attention 82401 82095 93351 ... 53884 66883 16795 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	15800	20-5	0640	Wed	949/26 Attention 83776 04092 89102 ... 90986 20209 19840 Attention (message repeated) Out	USB	(AB-POL)
E11a	13424	21-5	0645	Thu	514/32 Attention 11856 11000 56501 ... 54485 91030 22364 Attention (message repeated) Out	USB	(AB)
E11a	14940	21-5	0745	Thu	224/39 Attention 90983 44785 56764 ... 29506 86329 92702 Attention (message repeated) Out	USB	(AB)
E11a	14575	21-5	1700	Thu	330/32 Attention 82401 82095 93351 ... 53884 66883 16795 Attention (message repeated) Out	USB	(AB-POL/MPJ-HOL)
E11a	6849	22-5	0435	Fri	352/31 Attention 78351 40517 26979 ... 87727 53320 08319 Attention (message repeated) Out	USB	(AB)
E11a	8680	22-5	0700	Fri	570/33 Attention 88110 74186 25853 ... 64090 71974 45949 Attention (message repeated) Out	USB	(AB)
E11a	8180	22-5	1000	Fri	306/25 Attention 91785 98567 23304 ... 69819 80909 55194 Attention (message repeated) Out	USB	(AB)
E11a	5409	22-5	1530	Fri	527/35 Attention 72374 51897 25475 ... 77195 08169 43164 Attention (Message repeated) Out	USB	(AB/MPJ)

E11a	12984	23-5	1345	Sat	918/35 Attention 98545 71109 23506 ... 67831 84230 76701 Attention (message repeated) Out	USB	(AB)
E11a	7449	25-5	0900	Mon	533/33 Attention 96423 09546 00806 ... 43223 00492 87019 Attention (message repeated) Out	USB	(AB)
E11a	7600	25-5	1900	Mon	647/38 Attention 48054 55894 74670 ... 42077 43603 15453 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	17378	26-5	0820	Tue	135/33 Attention 17881 43173 97010 ... 35068 60609 23451 Attention (message repeated) Out	USB	(AB)
E11a	6304	26-5	1205	Tue	466/31 Attention 20731 17246 64537 ... 32754 31753 90314 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	17378	27-5	0820	Wed	135/33 Attention 17881 43173 97010 ... 35068 60609 23451 Attention (message repeated) Out	USB	(AB-POL)
E11a	7449	27-5	0900	Wed	533/33 Attention 96423 09546 00806 ... 43223 00492 87019 Attention (message repeated) Out	USB	(AB)
E11a	6923	27-5	0930	Wed	277/39 Attention 33687 52875 02857 ... 96101 78606 62527 Attention (message repeated) Out	USB	(AB)
E11a	6304	27-5	1205	Wed	466/31 Attention 20731 17246 64537 ... 32754 31753 90314 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7863	27-5	1625	Wed	974/37 Attention 26850 06477 06216 ... 59033 92196 74203 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	6923	28-5	0930	Thu	277/39 Attention 33687 52875 02857 ... 96101 78606 62527 Attention (message repeated) Out	USB	(AB)
E11a	7600	28-5	1900	Thu	647/38 Attention 48054 55894 74670 ... 42077 43603 15453 Attention (message repeated) Out	USB	(AB)
E11a	4783	30-5	1705	Sat	396/33 Attention 91646 41881 83603 ... 17378 58131 44010 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5371	31-5	1605	Sun	230/33 Attention 29520 56894 67918 ... 78500 89447 67194 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7863	31-5	1625	Sun	974/37 Attention 26850 06477 06216 ... 59033 92196 74203 Attention (message repeated) Out	USB	(AB/MPJ)
E17z	16780	7-5	0800	Thu	217 438 5 47665 94092 48521 63888 92060 438 5 00000	USB	(AB/HFD)
E17z	12850	7-5	0810	Thu	217 438 5 47665 94092 48521 63888 92060 438 5 00000	USB	(AB/HFD)
E17z	16780	14-5	0800	Thu	217 438 5 47665 94092 48521 63888 92060 438 5 00000	USB	(AB)
E17z	12850	14-5	0810	Thu	217 438 5 47665 94092 48521 63888 92060 438 5 00000	USB	(AB)
E17z	16780	21-5	0800	Thu	217 964 5 92103 50754 67941 35571 71582 964 5 00000	USB	(AB)
E17z	12850	21-5	0810	Thu	217 964 5 92103 50754 67941 35571 71582 964 5 00000	USB	(AB)
E17z	16780	28-5	0800	Thu	217 964 5 92103 50754 67941 35571 71582 964 5 00000	USB	(AB)
E17z	12850	28-5	0810	Thu	217 964 5 92103 50754 67941 35571 71582 964 5 00000	USB	(AB)
EGY	16023.7	3-5	2057	Sun	71: Egyptian Military Intelligence, Cairo. Messages for RCVB: Egyptian embassy, Washington	SITOR-A 100/170	(AB)
EGY	14445.7	9-5	0752	Sat	MFA Cairo clg TVXS: Egyptian embassy Manama	SITOR-A 100/170	(PP1)

EGY	14445.7	9-5	0807	Sat	99904: MFA Cairo msg to 20: Egyptian embassy Riyadh	Codan chirp/Codan 3012	(AB)
EGY	14445.7	9-5	0812	Sat	MFA Cairo clg KKVZ: Egyptian embassy Dakar	SITOR-A 100/170	(AB)
EGY	14445.7	9-5	0851	Sat	MFA Cairo clg TVQV: Egyptian embassy Riyadh	SITOR-A 100/170	(AB/PP1)
EGY	14445.7	9-5	0904	Sat	MFA Cairo clg TVQV: Egyptian embassy Riyadh	SITOR-A 100/170	(AB)
EGY	14445.7	9-5	0906	Sat	99904: MFA Cairo msg to 20: Egyptian embassy, Riyadh	Codan chirp/Codan 3012	(AB)
EGY	14445.7	9-5	0952	Sat	MFA Cairo 157 groups msg for QQTP: Egyptian embassy Moscow	SITOR-A 100/170	(AB)
EGY	14445.7	11-5	0834	Mon	MFA Cairo clg XBVQ Egyptian embassy Paris. Messages in Codan	SITOR-A 100/170	(PP1)
EGY	14986.7	15-5	1600	Fri	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
EGY	14445.7	16-5	0710	Sat	MFA Cairo clg TVXY: Egyptian embassy Muscat	SITOR-A 100/170	(AB)
EGY	14445.7	16-5	0728	Sat	99903: MFA Cairo clg 17: Egyptian embassy Muscat	Codan chirp	(AB)
EGY	14446.7	16-5	0818	Sat	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
EGY	14445.7	16-5	0846	Sat	Egyptian diplo. Traffic ends with KFPD RGK HUXD	SITOR-A 100/170	(AB)
EGY	15989.7	20-5	1545	Wed	71: Egyptian military intel msg to Egyptian embassy Washington	SITOR-A 100/170	(MSO)
F01	11414	1-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/HFD)
F01	9317	1-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/HFD)
F01	7572	1-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/HFD)
F01	11414	4-5	1015	Mon	Russian diplo/intel. 88375 34051 46069 ... 99366 63413 31411 00000	FSK 200/500	(AB)
F01	9317	4-5	1025	Mon	Russian diplo/intel. 88375 34051 46069 ... 99366 63413 31411 00000	FSK 200/500	(AB)
F01	7572	4-5	1035	Mon	Russian diplo/intel. 88375 34051 46069 ... 99366 63413 31411 00000	FSK 200/500	(AB)
F01	11414	5-5	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	5-5	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	5-5	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11414	6-5	1015	Wed	Russian diplo/intel. 86946 28912 49225 ... 38797 94103 44259 00000	FSK 200/500	(AB)
F01	9317	6-5	1025	Wed	Russian diplo/intel. 86946 28912 49225 ... 38797 94103 44259 00000	FSK 200/500	(AB)
F01	7572	6-5	1035	Wed	Russian diplo/intel. 86946 28912 49225 ... 38797 94103 44259 00000	FSK 200/500	(AB)
F01	14363	6-5	1840	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	12189	6-5	1850	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	10346	6-5	1900	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	11414	7-5	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	7-5	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	7-5	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11414	8-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9317	8-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7572	8-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	11414	11-5	1015	Mon	Russian diplo/intel. 39665 51419 92146 ... 73960 42587 37433 00000	FSK 200/500	(AB)
F01	9317	11-5	1025	Mon	Russian diplo/intel. 39665 51419 92146 ... 73960 42587 37433 00000	FSK 200/500	(AB)
F01	7572	11-5	1035	Mon	Russian diplo/intel. 39665 51419 92146 ... 73960 42587 37433 00000	FSK 200/500	(AB)
F01	11414	12-5	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	12-5	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	12-5	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)

F01	11414	13-5	1015	Wed	Russian diplo/intel. Unreadable, wrong shift	FSK 200/200	(AB)
F01	9317	13-5	1025	Wed	Russian diplo/intel. Unreadable, wrong shift	FSK 200/200	(AB)
F01	7572	13-5	1035	Wed	Russian diplo/intel. Unreadable, wrong shift	FSK 200/200	(AB)
F01	11414	14-5	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	14-5	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	14-5	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11414	15-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9317	15-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7572	15-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	11414	18-5	1015	Mon	Russian diplo/intel.	FSK 200/500	(AB)
F01	9317	18-5	1025	Mon	Russian diplo/intel.	FSK 200/500	(AB)
F01	7572	18-5	1035	Mon	Russian diplo/intel.	FSK 200/500	(AB)
F01	11414	19-5	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	19-5	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	19-5	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11414	20-5	1015	Wed	Russian diplo/intel. 45788 64714 37653 ... 40387 20411 46427 00000	FSK 200/1000	(AB-RUS)
F01	9317	20-5	1025	Wed	Russian diplo/intel. 45788 64714 37653 ... 40387 20411 46427 00000	FSK 200/1000	(AB-POL)
F01	7572	20-5	1035	Wed	Russian diplo/intel. 45788 64714 37653 ... 40387 20411 46427 00000	FSK 200/1000	(AB-POL)
F01	11414	21-5	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	21-5	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	21-5	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11414	22-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9317	22-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7572	22-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	11414	25-5	1015	Mon	Russian diplo/intel. Unreadable. Wrong shift	FSK 200/200	(AB)
F01	9317	25-5	1025	Mon	Russian diplo/intel. Unreadable. Wrong shift	FSK 200/200	(AB)
F01	7572	25-5	1035	Mon	Russian diplo/intel. Unreadable. Wrong shift	FSK 200/200	(AB)
F01	11414	26-5	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	26-5	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	26-5	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ-RUS)
F01	11414	27-5	1015	Wed	Russian diplo/intel. 18542 73741 66543 ... 57614 54398 52413 00000	FSK 200/1000	(AB-RUS/MPJ)
F01	9317	27-5	1025	Wed	Russian diplo/intel. 18542 73741 66543 ... 57614 54398 52413 00000	FSK 200/1000	(AB-POL)
F01	7572	27-5	1035	Wed	Russian diplo/intel. 18542 73741 66543 ... 57614 54398 52413 00000	FSK 200/1000	(AB-POL)
F01	11414	28-5	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	28-5	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	28-5	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11414	29-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9317	29-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7572	29-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F03c	10210	1-5	0940	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)

F03c	10210	1-5	0945	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	4-5	0940	Mon	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	4-5	0945	Mon	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	8-5	0940	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	8-5	0945	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	11-5	0940	Mon	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	11-5	0945	Mon	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	15-5	0940	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	15-5	0945	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	18-5	0940	Mon	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	18-5	0945	Mon	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	22-5	0940	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	22-5	0945	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	25-5	0940	Mon	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	25-5	0945	Mon	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	29-5	0940	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03c	10210	29-5	0945	Fri	Polish intel.	FSK-2 400Bd/960Hz/448bp	(AB)
F03f	10210	7-5	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	7-5	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	11-5	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	11-5	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	18-5	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	18-5	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	21-5	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	21-5	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	25-5	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	25-5	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	28-5	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	10210	28-5	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03i	6433	5-5	1100	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	5-5	1105	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	6-5	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	6-5	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	12-5	1100	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	12-5	1105	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	13-5	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	13-5	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	19-5	1100	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	19-5	1105	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	20-5	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)

F03i	6433	20-5	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	26-5	1100	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	26-5	1105	Tue	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	27-5	1100	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03i	6433	27-5	1105	Wed	Polish intel.	FSK-2 100Bd/800Hz/488bp	(AB)
F03j	11450	1-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	1-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	4-5	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	4-5	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	5-5	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	5-5	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	6-5	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	6-5	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	7-5	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	7-5	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	7-5	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	7-5	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	12385	7-5	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	7-5	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	7-5	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	7-5	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	8-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	8-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	11-5	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	11-5	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	12-5	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	12-5	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	12-5	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	12-5	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	13-5	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	13-5	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	6304	13-5	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	13-5	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	13-5	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	13-5	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	14-5	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	14-5	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	14-5	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	14-5	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	14-5	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	6304	14-5	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	15-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	15-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	18-5	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	18-5	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	19-5	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	19-5	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	19-5	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	19-5	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	19-5	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	19-5	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	19-5	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	19-5	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	20-5	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	20-5	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	20-5	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	20-5	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	21-5	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	21-5	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	21-5	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	21-5	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	21-5	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	21-5	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	22-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	22-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13911	25-5	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13911	25-5	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	25-5	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8423	25-5	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	17410	26-5	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	26-5	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	26-5	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	26-5	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	26-5	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	26-5	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	26-5	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	26-5	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	27-5	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	27-5	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	27-5	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	6304	27-5	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	27-5	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	27-5	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	28-5	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	28-5	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	28-5	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	28-5	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	28-5	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	28-5	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	28-5	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	28-5	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13911	29-5	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13911	29-5	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	29-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11450	29-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03I	12385	7-5	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	7-5	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	11-5	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	11-5	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	13-5	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	13-5	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	13-5	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	13-5	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	14-5	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	14-5	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	14-5	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	14-5	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	18-5	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	18-5	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	19-5	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	19-5	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	20-5	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	20-5	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	20-5	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	20-5	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	21-5	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	21-5	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	21-5	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	21-5	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	25-5	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	7469	25-5	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	25-5	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	6304	25-5	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	12385	26-5	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	26-5	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	27-5	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	27-5	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	27-5	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7469	27-5	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	28-5	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6849	28-5	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12385	28-5	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	12385	28-5	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F06	13836	1-5	0700	Fri	Russian diplo/intel. 11166 70202 13468 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11163	1-5	0710	Fri	Russian diplo/intel. 11166 70202 13468 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	1-5	0720	Fri	Russian diplo/intel. 11166 70202 13468 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19323	3-5	1530	Sun	Russian diplo/intel. 11166 10053 74102 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	17536	3-5	1540	Sun	Russian diplo/intel. 11166 10053 74102 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	14356	3-5	1550	Sun	Russian diplo/intel. 11166 10053 74102 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12219	4-5	0400	Mon	Russian diplo/intel. 11166 70059 78945 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	10448	4-5	0410	Mon	Russian diplo/intel. 11166 70059 78945 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8139	4-5	0420	Mon	Russian diplo/intel. 11166 70059 78945 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	4-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 85471 04068 02179	FSK 200/1000	(AB)
F06	11163	4-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 85471 04068 02179	FSK 200/1000	(AB)
F06	9271	4-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 85471 04068 02179	FSK 200/1000	(AB)
F06	12194	4-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 85471 04068 02179	FSK 200/1000	(AB)
F06	10523	4-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 85471 04068 02179	FSK 200/1000	(AB)
F06	8129	4-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 85471 04068 02179	FSK 200/1000	(AB-RUS)
F06	11523	5-5	0030	Tue	Russian diplo/intel. 11166 60070 19672 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9317	5-5	0040	Tue	Russian diplo/intel. 11166 60070 19672 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7571	5-5	0050	Tue	Russian diplo/intel. 11166 60070 19672 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	5-5	0700	Tue	Russian diplo/intel. Headers: 11166 70202 46138 05069 01699 and 11166 70202 28791 05070 01779	FSK 200/1000	(AB)
F06	11163	5-5	0710	Tue	Russian diplo/intel. Headers: 11166 70202 46138 05069 01699 and 11166 70202 28791 05070 01779	FSK 200/1000	(AB)
F06	9271	5-5	0720	Tue	Russian diplo/intel. Headers: 11166 70202 46138 05069 01699 and 11166 70202 28791 05070 01779	FSK 200/1000	(AB)
F06	12194	5-5	1200	Tue	Russian diplo/intel. Headers: 11166 70202 46138 05069 01699 and 11166 70202 28791 05070 01779	FSK 200/1000	(AB)

F06	10523	5-5	1210	Tue	Russian diplo/intel. Headers: 11166 70202 46138 05069 01699 and 11166 70202 28791 05070 01779	FSK 200/1000	(AB)
F06	8129	5-5	1220	Tue	Russian diplo/intel. Headers: 11166 70202 46138 05069 01699 and 11166 70202 28791 05070 01779	FSK 200/1000	(AB-RUS)
F06	19214	5-5	1650	Tue	Russian diplo/intel. 11166 10053 14789 05071 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	17419	5-5	1700	Tue	Russian diplo/intel. 11166 10053 14789 05071 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	14443	5-5	1710	Tue	Russian diplo/intel. 11166 10053 14789 05071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17420	6-5	0600	Wed	Russian diplo/intel. Header: 11166 40122 12569 02086 03379	FSK 200/1000	(AB-VTN)
F06	15673	6-5	0610	Wed	Russian diplo/intel. Header: 11166 40122 12569 02086 03379	FSK 200/1000	(AB-VTN)
F06	13361	6-5	0620	Wed	Russian diplo/intel. Header: 11166 40122 12569 02086 03379	FSK 200/1000	(AB-VTN)
F06	13836	6-5	0700	Wed	Russian diplo/intel. Header: 11166 70202 56247 06071 02559	FSK 200/1000	(AB-RUS)
F06	11163	6-5	0710	Wed	Russian diplo/intel. Header: 11166 70202 56247 06071 02559	FSK 200/1000	(AB)
F06	9271	6-5	0720	Wed	Russian diplo/intel. Header: 11166 70202 56247 06071 02559	FSK 200/1000	(AB)
F06	12194	6-5	1200	Wed	Russian diplo/intel. Header: 11166 70202 56247 06071 02559	FSK 200/1000	(AB/MPJ)
F06	10523	6-5	1210	Wed	Russian diplo/intel. Header: 11166 70202 56247 06071 02559	FSK 200/1000	(AB/MPJ)
F06	8129	6-5	1220	Wed	Russian diplo/intel. Header: 11166 70202 56247 06071 02559	FSK 200/1000	(AB-RUS/MPJ)
F06	17420	7-5	0600	Thu	Russian diplo/intel. Header: 11166 40122 12569 02086 03379	FSK 200/1000	(AB-VTN)
F06	15673	7-5	0610	Thu	Russian diplo/intel. Header: 11166 40122 12569 02086 03379	FSK 200/1000	(AB-VTN)
F06	13361	7-5	0620	Thu	Russian diplo/intel. Header: 11166 40122 12569 02086 03379	FSK 200/1000	(AB-VTN)
F06	13836	7-5	0700	Thu	Russian diplo/intel. Headers: 11166 70202 29735 07072 01759 and 11166 70202 19825 07073 02379	FSK 200/1000	(AB)
F06	11163	7-5	0710	Thu	Russian diplo/intel. Headers: 11166 70202 29735 07072 01759 and 11166 70202 19825 07073 02379	FSK 200/1000	(AB)
F06	9271	7-5	0720	Thu	Russian diplo/intel. Headers: 11166 70202 29735 07072 01759 and 11166 70202 19825 07073 02379	FSK 200/1000	(AB)
F06	12178	7-5	0800	Thu	Russian diplo/intel. 11166 70048 53914 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10218	7-5	0810	Thu	Russian diplo/intel. 11166 70048 53914 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8115	7-5	0820	Thu	Russian diplo/intel. 11166 70048 53914 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12194	7-5	1200	Thu	Russian diplo/intel. Headers: 11166 70202 29735 07072 01759 and 11166 70202 19825 07073 02379	FSK 200/1000	(AB/MPJ)
F06	10523	7-5	1210	Thu	Russian diplo/intel. Headers: 11166 70202 29735 07072 01759 and 11166 70202 19825 07073 02379	FSK 200/1000	(AB/MPJ)
F06	8129	7-5	1220	Thu	Russian diplo/intel. Headers: 11166 70202 29735 07072 01759 and 11166 70202 19825 07073 02379	FSK 200/1000	(AB-RUS/MPJ)
F06	16328	7-5	1330	Thu	Russian diplo/intel. 11166 80214 37281 07073 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	14358	7-5	1340	Thu	Russian diplo/intel. 11166 80214 37281 07073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11146	7-5	1350	Thu	Russian diplo/intel. 11166 80214 37281 07073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	8-5	0700	Fri	Russian diplo/intel. 11166 70202 85623 08015 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11163	8-5	0710	Fri	Russian diplo/intel. 11166 70202 85623 08015 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	8-5	0720	Fri	Russian diplo/intel. 11166 70202 85623 08015 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	19323	10-5	1530	Sun	Russian diplo/intel. 11166 10053 36987 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	17536	10-5	1540	Sun	Russian diplo/intel. 11166 10053 36987 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	14356	10-5	1550	Sun	Russian diplo/intel. 11166 10053 36987 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13836	11-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 38915 11074 02399	FSK 200/1000	(AB)
F06	11163	11-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 38915 11074 02399	FSK 200/1000	(AB)
F06	9271	11-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 38915 11074 02399	FSK 200/1000	(AB)
F06	12194	11-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 38915 11074 02399	FSK 200/1000	(AB/MPJ)
F06	10523	11-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 38915 11074 02399	FSK 200/1000	(AB/MPJ)
F06	8129	11-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 38915 11074 02399	FSK 200/1000	(AB-RUS/MPJ)
F06	11523	12-5	0030	Tue	Russian diplo/intel. 11166 60070 14789 12075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9317	12-5	0040	Tue	Russian diplo/intel. 11166 60070 14789 12075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7571	12-5	0050	Tue	Russian diplo/intel. 11166 60070 14789 12075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	12-5	0700	Tue	Russian diplo/intel. Headers: 11166 70202 95647 12075 01999 and 11166 70202 54678 12076 01539	FSK 200/1000	(AB)
F06	11163	12-5	0710	Tue	Russian diplo/intel. Headers: 11166 70202 95647 12075 01999 and 11166 70202 54678 12076 01539	FSK 200/1000	(AB)
F06	9271	12-5	0720	Tue	Russian diplo/intel. Headers: 11166 70202 95647 12075 01999 and 11166 70202 54678 12076 01539	FSK 200/1000	(AB)
F06	12194	12-5	1200	Tue	Russian diplo/intel. Headers: 11166 70202 95647 12075 01999 and 11166 70202 54678 12076 01539	FSK 200/1000	(AB/MPJ)
F06	10523	12-5	1210	Tue	Russian diplo/intel. Headers: 11166 70202 95647 12075 01999 and 11166 70202 54678 12076 01539	FSK 200/1000	(AB/MPJ)
F06	8129	12-5	1220	Tue	Russian diplo/intel. Headers: 11166 70202 95647 12075 01999 and 11166 70202 54678 12076 01539	FSK 200/1000	(AB-RUS/MPJ)
F06	19214	12-5	1650	Tue	Russian diplo/intel. 11166 10053 14785 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	17419	12-5	1700	Tue	Russian diplo/intel. 11166 10053 14785 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	14443	12-5	1710	Tue	Russian diplo/intel. 11166 10053 14785 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17420	13-5	0600	Wed	Russian diplo/intel. Headers: 11166 40122 52741 09087 03029 and 11166 40122 65913 09088 02279	FSK 200/1000	(AB-VTN)
F06	15673	13-5	0610	Wed	Russian diplo/intel. Headers: 11166 40122 52741 09087 03029 and 11166 40122 65913 09088 02279	FSK 200/1000	(AB-VTN)
F06	13361	13-5	0620	Wed	Russian diplo/intel. Headers: 11166 40122 52741 09087 03029 and 11166 40122 65913 09088 02279	FSK 200/1000	(AB-VTN)
F06	13836	13-5	0700	Wed	Russian diplo/intel. Header: 11166 70202 46138 13077 02639	FSK 200/1000	(AB)
F06	11163	13-5	0710	Wed	Russian diplo/intel. Header: 11166 70202 46138 13077 02639	FSK 200/1000	(AB)
F06	9271	13-5	0720	Wed	Russian diplo/intel. Header: 11166 70202 46138 13077 02639	FSK 200/1000	(AB)
F06	15784	13-5	0800	Wed	Russian diplo/intel. Header: 11166 00052 47896 13060 01849	FSK 200/1000	(AB)
F06	13849	13-5	0810	Wed	Russian diplo/intel. Header: 11166 00052 47896 13060 01849	FSK 200/1000	(AB)
F06	11646	13-5	0820	Wed	Russian diplo/intel. Header: 11166 00052 47896 13060 01849	FSK 200/1000	(AB)
F06	12194	13-5	1200	Wed	Russian diplo/intel. Header: 11166 70202 46138 13077 02639	FSK 200/1000	(AB)

F06	10523	13-5	1210	Wed	Russian diplo/intel. Header: 11166 70202 46138 13077 02639	FSK 200/1000	(AB)
F06	8129	13-5	1220	Wed	Russian diplo/intel. Header: 11166 70202 46138 13077 02639	FSK 200/1000	(AB)
F06	17420	14-5	0600	Thu	Russian diplo/intel. Headers: 11166 40122 52741 09087 03029 and 11166 40122 65913 09088 02279	FSK 200/1000	(AB-VTN)
F06	15673	14-5	0610	Thu	Russian diplo/intel. Headers: 11166 40122 52741 09087 03029 and 11166 40122 65913 09088 02279	FSK 200/1000	(AB-VTN)
F06	13361	14-5	0620	Thu	Russian diplo/intel. Headers: 11166 40122 52741 09087 03029 and 11166 40122 65913 09088 02279	FSK 200/1000	(AB-VTN)
F06	13836	14-5	0700	Thu	Russian diplo/intel. Headers: 11166 70202 64589 14078 01839 and 11166 70202 62347 14079 02299	FSK 200/1000	(AB)
F06	11163	14-5	0710	Thu	Russian diplo/intel. Headers: 11166 70202 64589 14078 01839 and 11166 70202 62347 14079 02299	FSK 200/1000	(AB)
F06	9271	14-5	0720	Thu	Russian diplo/intel. Headers: 11166 70202 64589 14078 01839 and 11166 70202 62347 14079 02299	FSK 200/1000	(AB)
F06	15784	14-5	0800	Thu	Russian diplo/intel. Header: 11166 00052 47896 13060 01849	FSK 200/1000	(AB)
F06	12178	14-5	0800	Thu	Russian diplo/intel. 11166 70048 17935 14163 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10218	14-5	0810	Thu	Russian diplo/intel. 11166 70048 17935 14163 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13849	14-5	0810	Thu	Russian diplo/intel. Header: 11166 00052 47896 13060 01849	FSK 200/1000	(AB)
F06	8115	14-5	0820	Thu	Russian diplo/intel. 11166 70048 17935 14163 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11646	14-5	0820	Thu	Russian diplo/intel. Header: 11166 00052 47896 13060 01849	FSK 200/1000	(AB)
F06	12194	14-5	1200	Thu	Russian diplo/intel. Headers: 11166 70202 64589 14078 01839 and 11166 70202 62347 14079 02299	FSK 200/1000	(AB/MPJ)
F06	10523	14-5	1210	Thu	Russian diplo/intel. Headers: 11166 70202 64589 14078 01839 and 11166 70202 62347 14079 02299	FSK 200/1000	(AB/MPJ)
F06	8129	14-5	1220	Thu	Russian diplo/intel. Headers: 11166 70202 64589 14078 01839 and 11166 70202 62347 14079 02299	FSK 200/1000	(AB/MPJ)
F06	16328	14-5	1330	Thu	Russian diplo/intel. 11166 80214 51263 14051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14358	14-5	1340	Thu	Russian diplo/intel. 11166 80214 51263 14051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11146	14-5	1350	Thu	Russian diplo/intel. 11166 80214 51263 14051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	15-5	0700	Fri	Russian diplo/intel. 11166 70202 15974 15013 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11163	15-5	0710	Fri	Russian diplo/intel. 11166 70202 15974 15013 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	15-5	0720	Fri	Russian diplo/intel. 11166 70202 15974 15013 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19323	17-5	1530	Sun	Russian diplo/intel. 11166 10053 14569 17024 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	17536	17-5	1540	Sun	Russian diplo/intel. 11166 10053 14569 17024 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	14356	17-5	1550	Sun	Russian diplo/intel. 11166 10053 14569 17024 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12219	18-5	0400	Mon	Russian diplo/intel. 11166 70059 36547 18024 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10448	18-5	0410	Mon	Russian diplo/intel. 11166 70059 36547 18024 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8139	18-5	0420	Mon	Russian diplo/intel. 11166 70059 36547 18024 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	18-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 97524 18080 02659	FSK 200/1000	(AB)
F06	11163	18-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 97524 18080 02659	FSK 200/1000	(AB)

F06	9271	18-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 97524 18080 02659	FSK 200/1000	(AB)
F06	12194	18-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 97524 18080 02659	FSK 200/1000	(AB/MPJ)
F06	10523	18-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 97524 18080 02659	FSK 200/1000	(AB/MPJ)
F06	8129	18-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 97524 18080 02659	FSK 200/1000	(AB/MPJ)
F06	11523	19-5	0030	Tue	Russian diplo/intel. 11166 60070 14569 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9317	19-5	0040	Tue	Russian diplo/intel. 11166 60070 14569 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7571	19-5	0050	Tue	Russian diplo/intel. 11166 60070 14569 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	19-5	0700	Tue	Russian diplo/intel. Headers: 11166 70202 34982 18081 01799 and 11166 70202 54129 18082 02239	FSK 200/1000	(AB)
F06	11163	19-5	0710	Tue	Russian diplo/intel. Headers: 11166 70202 34982 18081 01799 and 11166 70202 54129 18082 02239	FSK 200/1000	(AB)
F06	9271	19-5	0720	Tue	Russian diplo/intel. Headers: 11166 70202 34982 18081 01799 and 11166 70202 54129 18082 02239	FSK 200/1000	(AB)
F06	12194	19-5	1200	Tue	Russian diplo/intel. Headers: 11166 70202 34982 18081 01799 and 11166 70202 54129 18082 02239	FSK 200/1000	(AB/MPJ)
F06	10523	19-5	1210	Tue	Russian diplo/intel. Headers: 11166 70202 34982 18081 01799 and 11166 70202 54129 18082 02239	FSK 200/1000	(AB/MPJ)
F06	8129	19-5	1220	Tue	Russian diplo/intel. Headers: 11166 70202 34982 18081 01799 and 11166 70202 54129 18082 02239	FSK 200/1000	(AB-RUS/MPJ)
F06	19214	19-5	1650	Tue	Russian diplo/intel. 11166 10053 23698 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17419	19-5	1700	Tue	Russian diplo/intel. 11166 10053 23698 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14443	19-5	1710	Tue	Russian diplo/intel. 11166 10053 23698 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17420	20-5	0600	Wed	Russian diplo/intel. 11166 40122 23564 20069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-VTN)
F06	15673	20-5	0610	Wed	Russian diplo/intel. 11166 40122 23564 20069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-VTN)
F06	13361	20-5	0620	Wed	Russian diplo/intel. 11166 40122 23564 20069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-VTN)
F06	13836	20-5	0700	Wed	Russian diplo/intel. Header: 11166 70202 95621 19083 02299	FSK 200/1000	(AB)
F06	11163	20-5	0710	Wed	Russian diplo/intel. Header: 11166 70202 95621 19083 02299	FSK 200/1000	(AB)
F06	9271	20-5	0720	Wed	Russian diplo/intel. Header: 11166 70202 95621 19083 02299	FSK 200/1000	(AB)
F06	12194	20-5	1200	Wed	Russian diplo/intel. Header: 11166 70202 95621 19083 02299	FSK 200/1000	(AB)
F06	10523	20-5	1210	Wed	Russian diplo/intel. Header: 11166 70202 95621 19083 02299	FSK 200/1000	(AB)
F06	8129	20-5	1220	Wed	Russian diplo/intel. Header: 11166 70202 95621 19083 02299	FSK 200/1000	(AB)
F06	13836	21-5	0700	Thu	Russian diplo/intel. Headers: 11166 70202 25896 20084 01539 and 11166 70202 26987 20085 01639	FSK 200/1000	(AB)
F06	11163	21-5	0710	Thu	Russian diplo/intel. Headers: 11166 70202 25896 20084 01539 and 11166 70202 26987 20085 01639	FSK 200/1000	(AB)
F06	9271	21-5	0720	Thu	Russian diplo/intel. Headers: 11166 70202 25896 20084 01539 and 11166 70202 26987 20085 01639	FSK 200/1000	(AB)
F06	12178	21-5	0800	Thu	Russian diplo/intel. 11166 70048 96547 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10218	21-5	0810	Thu	Russian diplo/intel. 11166 70048 96547 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8115	21-5	0820	Thu	Russian diplo/intel. 11166 70048 96547 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	12194	21-5	1200	Thu	Russian diplo/intel. Headers: 11166 70202 25896 20084 01539 and 11166 70202 26987 20085 01639	FSK 200/1000	(AB/MPJ)
F06	10523	21-5	1210	Thu	Russian diplo/intel. Headers: 11166 70202 25896 20084 01539 and 11166 70202 26987 20085 01639	FSK 200/1000	(AB/MPJ)
F06	8129	21-5	1220	Thu	Russian diplo/intel. Headers: 11166 70202 25896 20084 01539 and 11166 70202 26987 20085 01639	FSK 200/1000	(AB/MPJ)
F06	16328	21-5	1330	Thu	Russian diplo/intel. 11166 80214 51263 21073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14358	21-5	1340	Thu	Russian diplo/intel. 11166 80214 51263 21073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11146	21-5	1350	Thu	Russian diplo/intel. 11166 80214 51263 21073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	22-5	0700	Fri	Russian diplo/intel. 11166 70202 98172 22035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11163	22-5	0710	Fri	Russian diplo/intel. 11166 70202 98172 22035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	22-5	0720	Fri	Russian diplo/intel. 11166 70202 98172 22035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19323	24-5	1530	Sun	Russian diplo/intel. 11166 10053 96547 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	17536	24-5	1540	Sun	Russian diplo/intel. 11166 10053 96547 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	14356	24-5	1550	Sun	Russian diplo/intel. 11166 10053 96547 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13836	25-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 75492 25086 02219	FSK 200/1000	(AB)
F06	11163	25-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 75492 25086 02219	FSK 200/1000	(AB)
F06	9271	25-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 75492 25086 02219	FSK 200/1000	(AB)
F06	12194	25-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 75492 25086 02219	FSK 200/1000	(AB)
F06	10523	25-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 75492 25086 02219	FSK 200/1000	(AB)
F06	8129	25-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 75492 25086 02219	FSK 200/1000	(AB)
F06	11523	26-5	0030	Tue	Russian diplo/intel. 11166 60070 36987 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9317	26-5	0040	Tue	Russian diplo/intel. 11166 60070 36987 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7571	26-5	0050	Tue	Russian diplo/intel. 11166 60070 36987 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	26-5	0700	Tue	Russian diplo/intel. Headers: 11166 70202 59632 25087 01819 and 11166 70202 64781 25088 02199	FSK 200/1000	(AB)
F06	11163	26-5	0710	Tue	Russian diplo/intel. Headers: 11166 70202 59632 25087 01819 and 11166 70202 64781 25088 02199	FSK 200/1000	(AB)
F06	9271	26-5	0720	Tue	Russian diplo/intel. Headers: 11166 70202 59632 25087 01819 and 11166 70202 64781 25088 02199	FSK 200/1000	(AB)
F06	12194	26-5	1200	Tue	Russian diplo/intel. Headers: 11166 70202 59632 25087 01819 and 11166 70202 64781 25088 02199	FSK 200/1000	(AB/MPJ)
F06	10523	26-5	1210	Tue	Russian diplo/intel. Headers: 11166 70202 59632 25087 01819 and 11166 70202 64781 25088 02199	FSK 200/1000	(AB/MPJ)
F06	8129	26-5	1220	Tue	Russian diplo/intel. Headers: 11166 70202 59632 25087 01819 and 11166 70202 64781 25088 02199	FSK 200/1000	(AB/MPJ)
F06	19214	26-5	1650	Tue	Russian diplo/intel. 11166 10053 12587 26021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17419	26-5	1700	Tue	Russian diplo/intel. 11166 10053 12587 26021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14443	26-5	1710	Tue	Russian diplo/intel. 11166 10053 12587 26021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17420	27-5	0600	Wed	Russian diplo/intel. 11166 40122 79254 23089 03779	FSK 200/1000	(AB-VTN)

F06	15673	27-5	0610	Wed	Russian diplo/intel. 11166 40122 79254 23089 03779	FSK 200/1000	(AB-VTN)
F06	13361	27-5	0620	Wed	Russian diplo/intel. 11166 40122 79254 23089 03779	FSK 200/1000	(AB-VTN)
F06	13836	27-5	0700	Wed	Russian diplo/intel. Header: 11166 70202 27861 26089 02339	FSK 200/1000	(AB)
F06	11163	27-5	0710	Wed	Russian diplo/intel. Header: 11166 70202 27861 26089 02339	FSK 200/1000	(AB)
F06	9271	27-5	0720	Wed	Russian diplo/intel. Header: 11166 70202 27861 26089 02339	FSK 200/1000	(AB)
F06	15784	27-5	0800	Wed	Russian diplo/intel. Header: 11166 00052 32547 27061 02759	FSK 200/1000	(AB)
F06	13849	27-5	0810	Wed	Russian diplo/intel. Header: 11166 00052 32547 27061 02759	FSK 200/1000	(AB)
F06	11646	27-5	0820	Wed	Russian diplo/intel. Header: 11166 00052 32547 27061 02759	FSK 200/1000	(AB)
F06	12194	27-5	1200	Wed	Russian diplo/intel. Header: 11166 70202 27861 26089 02339	FSK 200/1000	(AB/MPJ)
F06	10523	27-5	1210	Wed	Russian diplo/intel. Header: 11166 70202 27861 26089 02339	FSK 200/1000	(AB/MPJ)
F06	8129	27-5	1220	Wed	Russian diplo/intel. Header: 11166 70202 27861 26089 02339	FSK 200/1000	(AB/MPJ)
F06	17420	28-5	0600	Thu	Russian diplo/intel. 11166 40122 79254 23089 03779	FSK 200/1000	(AB-VTN)
F06	15673	28-5	0610	Thu	Russian diplo/intel. 11166 40122 79254 23089 03779	FSK 200/1000	(AB-VTN)
F06	13361	28-5	0620	Thu	Russian diplo/intel. 11166 40122 79254 23089 03779	FSK 200/1000	(AB-VTN)
F06	13836	28-5	0700	Thu	Russian diplo/intel. Headers: 11166 70202 41963 27090 01239 and 11166 70202 21539 27091 02279	FSK 200/1000	(AB)
F06	11163	28-5	0710	Thu	Russian diplo/intel. Headers: 11166 70202 41963 27090 01239 and 11166 70202 21539 27091 02279	FSK 200/1000	(AB)
F06	9271	28-5	0720	Thu	Russian diplo/intel. Headers: 11166 70202 41963 27090 01239 and 11166 70202 21539 27091 02279	FSK 200/1000	(AB)
F06	15784	28-5	0800	Thu	Russian diplo/intel. Header: 11166 00052 32547 27061 02759	FSK 200/1000	(AB)
F06	12178	28-5	0800	Thu	Russian diplo/intel. 11166 70048 12347 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10218	28-5	0810	Thu	Russian diplo/intel. 11166 70048 12347 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13849	28-5	0810	Thu	Russian diplo/intel. Header: 11166 00052 32547 27061 02759	FSK 200/1000	(AB)
F06	11646	28-5	0820	Thu	Russian diplo/intel. Header: 11166 00052 32547 27061 02759	FSK 200/1000	(AB)
F06	8115	28-5	0820	Thu	Russian diplo/intel. 11166 70048 12347 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12194	28-5	1200	Thu	Russian diplo/intel. Headers: 11166 70202 41963 27090 01239 and 11166 70202 21539 27091 02279	FSK 200/1000	(AB)
F06	10523	28-5	1210	Thu	Russian diplo/intel. Headers: 11166 70202 41963 27090 01239 and 11166 70202 21539 27091 02279	FSK 200/1000	(AB)
F06	8129	28-5	1220	Thu	Russian diplo/intel. Headers: 11166 70202 41963 27090 01239 and 11166 70202 21539 27091 02279	FSK 200/1000	(AB)
F06	16328	28-5	1330	Thu	Russian diplo/intel. 11166 80214 57842 28052 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14358	28-5	1340	Thu	Russian diplo/intel. 11166 80214 57842 28052 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11146	28-5	1350	Thu	Russian diplo/intel. 11166 80214 57842 28052 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	29-5	0700	Fri	Russian diplo/intel. 11166 70202 79462 29024 00059 00000 00000 00000 00000 group5	FSK 200/1000	(AB)
F06	11163	29-5	0710	Fri	Russian diplo/intel. 11166 70202 79462 29024 00059 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	29-5	0720	Fri	Russian diplo/intel. 11166 70202 79462 29024 00059 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19323	31-5	1530	Sun	Russian diplo/intel. 11166 10053 78132 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	17536	31-5	1540	Sun	Russian diplo/intel. 11166 10053 78132 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)

F06	14356	31-5	1550	Sun	Russian diplo/intel. 11166 10053 78132 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06a	7425	1-5	0400	Fri	Russian diplo/intel. File 44420 (1991 bytes)	FSK 200/1000	(AB)
F06a	6823	1-5	0415	Fri	Russian diplo/intel. File 44420 (1991 bytes)	FSK 200/1000	(AB)
F06a	5350	1-5	0430	Fri	Russian diplo/intel. File 44420 (1991 bytes)	FSK 200/1000	(AB)
F06a	18626	2-5	2100	Sat	Russian diplo/intel. File 04414 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	2-5	2115	Sat	Russian diplo/intel. File 04414 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	2-5	2130	Sat	Russian diplo/intel. File 04414 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	18626	3-5	2100	Sun	Russian diplo/intel. File 04414 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	3-5	2115	Sun	Russian diplo/intel. File 04414 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	3-5	2130	Sun	Russian diplo/intel. File 04414 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	7397	7-5	0400	Thu	Russian diplo/intel. File 44421 (480 bytes)	FSK 200/1000	(AB)
F06a	6885	7-5	0415	Thu	Russian diplo/intel. File 44421 (480 bytes)	FSK 200/1000	(AB)
F06a	5296	7-5	0430	Thu	Russian diplo/intel. File 44421 (480 bytes)	FSK 200/1000	(AB)
F06a	7397	8-5	0400	Fri	Russian diplo/intel. File 44421 (480 bytes)	FSK 200/1000	(AB)
F06a	6885	8-5	0415	Fri	Russian diplo/intel. File 44421 (480 bytes)	FSK 200/1000	(AB)
F06a	5296	8-5	0430	Fri	Russian diplo/intel. File 44421 (480 bytes)	FSK 200/1000	(AB)
F06a	18626	9-5	2100	Sat	Russian diplo/intel. File 04415 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	9-5	2115	Sat	Russian diplo/intel. File 04415 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	9-5	2130	Sat	Russian diplo/intel. File 04415 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	18626	10-5	2100	Sun	Russian diplo/intel. File 04415 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	10-5	2115	Sun	Russian diplo/intel. File 04415 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	10-5	2130	Sun	Russian diplo/intel. File 04415 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	7397	14-5	0400	Thu	Russian diplo/intel. File 04422 (1360 bytes)	FSK 200/1000	(AB)
F06a	6885	14-5	0415	Thu	Russian diplo/intel. File 04422 (1360 bytes)	FSK 200/1000	(AB)
F06a	5296	14-5	0430	Thu	Russian diplo/intel. File 04422 (1360 bytes)	FSK 200/1000	(AB)
F06a	7397	15-5	0400	Fri	Russian diplo/intel. File 04422 (1360 bytes)	FSK 200/1000	(AB)
F06a	6885	15-5	0415	Fri	Russian diplo/intel. File 04422 (1360 bytes)	FSK 200/1000	(AB)
F06a	5296	15-5	0430	Fri	Russian diplo/intel. File 04422 (1360 bytes)	FSK 200/1000	(AB)
F06a	18626	16-5	2100	Sat	Russian diplo/intel. File 04416 (592 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	16-5	2115	Sat	Russian diplo/intel. File 04416 (592 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	14440	16-5	2130	Sat	Russian diplo/intel. File 04416 (592 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	18626	17-5	2100	Sun	Russian diplo/intel. File 04416 (592 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	17-5	2115	Sun	Russian diplo/intel. File 04416 (592 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	17-5	2130	Sun	Russian diplo/intel. File 04416 (592 bytes)	FSK 200/1000	(AB-RUS)
F06a	7397	21-5	0400	Thu	Russian diplo/intel. File 44423 (1248 bytes)	FSK 200/1000	(AB)
F06a	6885	21-5	0415	Thu	Russian diplo/intel. File 44423 (1248 bytes)	FSK 200/1000	(AB)
F06a	5296	21-5	0430	Thu	Russian diplo/intel. File 44423 (1248 bytes)	FSK 200/1000	(AB)
F06a	7397	22-5	0400	Fri	Russian diplo/intel. File 44423 (1248 bytes)	FSK 200/1000	(AB)
F06a	6885	22-5	0415	Fri	Russian diplo/intel. File 44423 (1248 bytes)	FSK 200/1000	(AB)
F06a	5296	22-5	0430	Fri	Russian diplo/intel. File 44423 (1248 bytes)	FSK 200/1000	(AB)

F06a	18626	23-5	2100	Sat	Russian diplo/intel. File 04417 (816 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	16245	23-5	2115	Sat	Russian diplo/intel. File 04417 (816 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	14440	23-5	2130	Sat	Russian diplo/intel. File 04417 (816 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	18626	24-5	2100	Sun	Russian diplo/intel. File 04417 (816 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	24-5	2115	Sun	Russian diplo/intel. File 04417 (816 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	24-5	2130	Sun	Russian diplo/intel. File 04417 (816 bytes)	FSK 200/1000	(AB-RUS)
F06a	7397	28-5	0400	Thu	Russian diplo/intel. File 44424 (1280 bytes)	FSK 200/1000	(AB)
F06a	6885	28-5	0415	Thu	Russian diplo/intel. File 44424 (1280 bytes)	FSK 200/1000	(AB)
F06a	5296	28-5	0430	Thu	Russian diplo/intel. File 44424 (1280 bytes)	FSK 200/1000	(AB)
F06a	7397	29-5	0400	Fri	Russian diplo/intel. File 44424 (1280 bytes)	FSK 200/1000	(AB)
F06a	6885	29-5	0415	Fri	Russian diplo/intel. File 44424 (1280 bytes)	FSK 200/1000	(AB)
F06a	5296	29-5	0430	Fri	Russian diplo/intel. File 44424 (1280 bytes)	FSK 200/1000	(AB)
F06a	18626	30-5	2100	Sat	Russian diplo/intel. File 04418 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	30-5	2115	Sat	Russian diplo/intel. File 04418 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	30-5	2130	Sat	Russian diplo/intel. File 04418 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	18626	31-5	2100	Sun	Russian diplo/intel. File 04418 (1024 bytes)	FSK 200/1000	(AB)
F06a	16245	31-5	2115	Sun	Russian diplo/intel. File 04418 (1024 bytes)	FSK 200/1000	(AB)
F06a	14440	31-5	2130	Sun	Russian diplo/intel. File 04418 (1024 bytes)	FSK 200/1000	(AB)
G06	6887	14-5	1830	Thu	842 902 902 45 45 12435 76426 05698 ... 12346 73416 32442 902 902 45 45 00000 Windows XP shutdown sound	USB	(AB/MPJ/HFD)
G06	6887	28-5	1830	Thu	842 902 902 45 45 12435 76426 05698 ... 12346 73416 32442 902 902 45 45 00000 Windows XP shutdown sound	USB	(AB/MPJ)
G06	5936	29-5	1935	Fri	ip ended w/ 922/45 00000 Windows XT shutdown sound	USB	(HFD)
HM01	10345	1-5	0700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9330 kHz	AM/RDFT	(AB)
HM01	9330	1-5	0736	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	1-5	0800	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	1-5	0900	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	1-5	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	1-5	2100	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	1-5	2200	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	2-5	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	9330	3-5	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	3-5	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	3-5	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	9330	4-5	0700	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	4-5	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	4-5	0900	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	4-5	1600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	4-5	2237	Mon	i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11530	5-5	1700	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)

HM01	16180	5-5	2100	Tue	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	5-5	2200	Tue	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(RL)
HM01	9065	6-5	0800	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	6-5	0900	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	6-5	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	6-5	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	7-5	1600	Thu	01441 68532 35731 30038 48409 70208 (repeat of 6 April)	AM/RDFT	(RR2)
HM01	16180	7-5	2100	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	7-5	2200	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10860	8-5	0500	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	8-5	0600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	8-5	0700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	8-5	0800	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	8-5	0900	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	8-5	1000	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	8-5	1630	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	8-5	2200	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	9-5	1630	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10345	10-5	0600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	10-5	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	10-5	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	13376	10-5	2100	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	10715	10-5	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL/Dan)
HM01	10860	11-5	0504	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April). Late start	AM/RDFT	(AB)
HM01	10345	11-5	0600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	11-5	0700	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	11-5	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	11-5	0900	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	11-5	1000	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	11-5	1600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	11-5	2100	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11530	12-5	1700	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	9330	13-5	0700	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	13-5	0800	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	13-5	0900	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	13-5	1600	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	13-5	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	13-5	2200	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	14-5	1600	Thu	01441 68532 35731 30038 48409 70208 (repeat of 6 April)	AM/RDFT	(RR2)
HM01	16180	14-5	2100	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)

HM01	10860	15-5	0500	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	15-5	0600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	15-5	0700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	15-5	0800	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	15-5	0900	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	15-5	1000	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11530	15-5	1700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	16-5	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	16-5	2100	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan-USA)
HM01	17480	16-5	2200	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	16-5	2200	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan-USA)
HM01	13521	17-5	0300	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan-USA)
HM01	10345	17-5	0600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	17-5	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	17-5	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	17-5	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	17-5	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10860	18-5	0500	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	18-5	0600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	18-5	0700	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9330 kHz	AM/RDFT	(AB)
HM01	10345	18-5	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9065 kHz. Changed freq at 0807z	AM/RDFT	(AB)
HM01	9065	18-5	0807	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Changed freq from 10345 kHz at 0807z	AM/RDFT	(AB)
HM01	9065	18-5	0900	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9240 kHz. Changed freq at 0910z	AM/RDFT	(AB)
HM01	9240	18-5	0910	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Changed freq from 9065 kHz at 0910z	AM/RDFT	(AB)
HM01	9240	18-5	1000	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be 9155 kHz. Changed freq at 1007z	AM/RDFT	(AB)
HM01	9155	18-5	1007	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Changed freq from 9240 kHz at 1007z	AM/RDFT	(AB)
HM01	11435	18-5	1630	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	18-5	2100	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	19-5	1630	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	17480	19-5	2200	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	9330	20-5	0700	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	20-5	0800	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	20-5	0900	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	11635	20-5	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)

HM01	11635	20-5	2130	Wed	01441 68532 35731 30038 48409 70208 (repeat of 6 April)	AM/RDFT	(RR2)
HM01	10715	20-5	2200	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11530	21-5	1659	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(BW3)
HM01	11635	21-5	1800	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	21-5	2100	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	21-5	2100	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10860	22-5	0500	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	22-5	0600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	22-5	0700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	22-5	0800	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	22-5	0900	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	22-5	1000	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	22-5	1630	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	23-5	1630	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	23-5	2100	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	17480	23-5	2200	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	10860	24-5	0500	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	24-5	0600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	24-5	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	24-5	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	24-5	1630	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	24-5	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
HM01	10860	25-5	0512	Mon	Late start. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	25-5	0600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	25-5	0600	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	25-5	0800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	25-5	0900	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	25-5	1000	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9155 kHz	AM/RDFT	(AB)
HM01	11435	25-5	1630	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	25-5	2100	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11530	26-5	1730	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10860	27-5	0458	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	27-5	0600	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	27-5	0700	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	27-5	0800	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	27-5	0900	Wed	01441 68532 35731 30038 48409 70208 (Repeat of 3 April)	AM/RDFT	(AB)
HM01	11530	27-5	1730	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	27-5	2100	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	27-5	2200	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 10715 kHz. Moved at 2004 UTC	AM/RDFT	(RL)

HM01	10715	27-5	2204	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Started on 11635 kHz. Moved at 2004 UTC	AM/RDFT	(RL)
HM01	11530	28-5	1730	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	28-5	2100	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	17480	28-5	2100	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10860	29-5	0500	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	10345	29-5	0600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	29-5	0700	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	29-5	0800	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9240	29-5	0900	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9155	29-5	1000	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11435	29-5	1600	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	29-5	2200	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11435	30-5	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	16180	30-5	2100	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL/Dan)
HM01	17480	30-5	2200	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL/Dan)
HM01	10345	31-5	0600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	31-5	0700	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	31-5	0800	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April) Should be on 9065 kHz	AM/RDFT	(AB)
HM01	11435	31-5	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	10715	31-5	2200	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan)
M01	6435	2-5	1500	Sat	025 224 244 = 30 30 59598 25688 98995 ... 40210 73519 22049 = = 244 244 = 30 30 000	CW	(AB/MPJ)
M01	6780	3-5	0700	Sun	025 420 420 30 30 = = 02468 56529 69065 ... 84085 05072 85114 = = 420 420 30 30 000	CW	(AB)
M01	5280	5-5	1800	Tue	025 741 741 30 30 = = 56962 69284 04507 ... 20738 39715 24616 = = 741 741 30 000	CW	(AB/MPJ/HFD)
M01	4905	5-5	2000	Tue	025 566 566 30 30 = = 66119 71258 65216 ... 72839 66583 81442 = = 566 566 30 30 000	CW	(AB)
M01	5280	7-5	1800	Thu	025 300 300 = 30 30 = = 93384 98033 32656 ... 04600 77498 47326 = = 300 300 30 30 000	CW	(AB/MPJ)
M01	4905	7-5	2000	Thu	025 089 089 30 30 = = 85027 17051 70458 ... 61976 40814 42747 = = 089 089 30 30 000 Group eight was not repeated	CW	(AB)
M01	6435	9-5	1500	Sat	025 275 275 30 30 = = 74617 25606 46141 ... 96660 01238 50274 = = 275 275 30 30 000	CW	(AB)
M01	6780	10-5	0700	Sun	025 611 661 = 30 30 = = 31300 51956 78086 ... 64681 33851 53286 = = 611 611 = 30 30 000	CW	(AB/HFD)
M01	5280	12-5	1800	Tue	025 428 428 30 30 = = 40033 71884 73363 ... 33943 69453 12697 = = 428 428 30 30 000	CW	(AB)
M01	4905	12-5	2000	Tue	025 411 411 30 30 = = 57398 75254 81150 ... 29549 83734 14445 = = 411 411 30 30 000	CW	(AB/HFD)
M01	5280	14-5	1800	Thu	025 490 490 = 30 30 08835 25426 10591 ... 98776 80511 69344 = = 409 409 30 30 000	CW	(AB)
M01	4905	14-5	2000	Thu	025 530 530 = 30 30 = = 54330 54712 63731 ... 52091 59200 61743 = = 530 530 30 30 000	CW	(AB)
M01	6435	16-5	1500	Sat	VVV VVV 025 187 187 30 30 23110 89925 92165 ... 17465165 89713 07751 0751 = = 187 187 30 30 000	CW	(AB/MPJ)
M01	6780	17-5	0700	Sun	025 145 145 30 30 = = 80323 58563 44202 ... 99680 15297 96552 = E= 145 145 30 30 000	CW	(AB)
M01	5280	19-5	1800	Tue	025 815 815 = 30 30 = = 99256 79031 99821 ... 41031 (41032) 44270 85802 = = 815 815 = 30 30 000	CW	(AB)
M01	4905	19-5	2000	Tue	025 940 940 = 30 30 = = 72524 04662 00421 ... 28656 43974 19559 = = 940 940 = 30 30 000	CW	(AB)

M01	5280	21-5	1800	Thu	025 331 331 30 30 = = 80337 89065 33013 ... 24712 29131 16273 = = 331 331 30 30 000	CW	(AB)
M01	4905	21-5	2000	Thu	025 514 514 30 30 = = 57484 47162 11454 ... 90668 99566 77963 = = 514 514 30 30 000	CW	(AB)
M01	6435	23-5	1500	Sat	925 827 827 = 30 30 = = 98432 89515 72447 ... 93210 10339 11999 = = 827 827 = 30 30 000	CW	(AB/MPJ/HFD)
M01	6780	24-5	0700	Sun	025 943 943 30 30 = = 77433 26551 11956 ... 63237 64028 89149 = = 943 943 30 30 000	CW	(AB)
M01	5280	26-5	1800	Tue	025 678 678 30 = = 32215 31064 46835 ... 15021 37387 21571 = = 678 678 30 30 000	CW	(AB/MPJ)
M01	4905	26-5	2000	Tue	025 718 718 30 30 = 25524 56662 22209 ... 65886 92098 16232 = = 718 718 30 30 000	CW	(AB)
M01	5280	28-5	1800	Thu	025 712 712 30 30 = = 22962 83675 81858 ... 65147 74319 79816 = = 712 712 30 30 000	CW	(AB)
M01	4905	28-5	2000	Thu	025 751 751 30 30 = = 37124 56246 89782 ... 36553 62415 12538 = = 751 751 30 30 000	CW	(AB)
M01	6435	30-5	1500	Sat	025 917 917 30 30 = 24991 33280 64970 ... 18263 51201 66742 = = 917 917 30 30 000	CW	(AB-FIN)
M01	6780	31-5	0700	Sun	025 854 854 = 30 30 = = 26511 66402 41515 ... 07528 19344 72724 = = 854 854 = 30 30 000	CW	(AB)
M01a	4523	12-5	0848	Tue	361 361 361 91648 91648 361 361 361 91457 91457 361 361 361 97971 97971	CW	(F5JBR)
M01a	9192	13-5	0532	Wed	498 498 498 52449 52449	CW	(F5JBR)
M01a	7692	13-5	0540	Wed	498 498 498 47436 47436 498 498 498 49337 49337	CW	(F5JBR)
M01a	9192	20-5	0534	Wed	498 498 498 52482 52482	CW	(F5JBR)
M01a	7692	20-5	0539	Wed	498 498 498 49227 49337	CW	(F5JBR)
M01a	9129	26-5	0533	Tue	498 498 498 55651 55651	CW	(F5JBR)
M01a	7692	26-5	0543	Tue	958 958 958 41050 41050 958 958 958 41264 41264	CW	(F5JBR)
M01b	5465	1-5	1902	Fri	336 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5075 kHz	MCW	(AB/MPJ/HFD)
M01b	5075	1-5	1902	Fri	336 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5465 kHz	MCW	(AB/MPJ/HFD)
M01b	5340	1-5	2010	Fri	467 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //4895 kHz	MCW	(AB/HFD)
M01b	4895	1-5	2010	Fri	467 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5340 kHz	MCW	(AB/HFD)
M01b	5125	4-5	1810	Mon	364 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5735 kHz	MCW	(AB/MPJ/HFD)
M01b	5735	4-5	1810	Mon	364 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5125 kHz	MCW	(AB/MPJ/HFD)
M01b	5475	4-5	1915	Mon	858 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5150 kHz	MCW	(AB/HFD)
M01b	5150	4-5	1915	Mon	858 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5475 kHz	MCW	(AB/HFD)
M01b	5760	7-5	1830	Thu	815 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5095 kHz	MCW	(AB/MPJ/HFD)
M01b	5095	7-5	1830	Thu	815 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5760 kHz	MCW	(AB/MPJ/HFD)
M01b	5805	7-5	1940	Thu	936 121 121 31 31 = = 59557 71189 86090 ... 93762 99145 79545 = = 121 121 31 31 000 //5065 kHz	MCW	(AB/HFD)

M01b	5065	7-5	1940	Thu	936 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5805 kHz	MCW	(AB/HFD)
M01b	5075	8-5	1902	Fri	336 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5465 kHz	MCW	(AB/MPJ)
M01b	5465	8-5	1902	Fri	336 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5075 kHz	MCW	(AB/MPJ)
M01b	5340	8-5	2010	Fri	467 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //4895 kHz	MCW	(AB)
M01b	4895	8-5	2010	Fri	467 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5340 kHz	MCW	(AB)
M01b	5125	11-5	1810	Mon	364 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5735 kHz	MCW	(AB/MPJ)
M01b	5735	11-5	1810	Mon	364 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5125 kHz	MCW	(AB/MPJ)
M01b	5475	11-5	1915	Mon	858 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5150 kHz	MCW	(AB)
M01b	5150	11-5	1915	Mon	858 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5475 kHz	MCW	(AB)
M01b	5095	14-5	1830	Thu	815 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5760 kHz	MCW	(AB/MPJ)
M01b	5760	14-5	1830	Thu	815 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5095 kHz	MCW	(AB/MPJ)
M01b	5805	14-5	1940	Thu	936 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5065 kHz	MCW	(AB)
M01b	5065	14-5	1940	Thu	936 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5805 kHz	MCW	(AB)
M01b	5075	15-5	1902	Fri	336 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5465 kHz	MCW	(AB/MPJ)
M01b	5465	15-5	1902	Fri	336 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5075 kHz	MCW	(AB/MPJ)
M01b	4895	15-5	2010	Fri	467 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5340 kHz	MCW	(AB)
M01b	5340	15-5	2010	Fri	467 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //4895 kHz	MCW	(AB)
M01b	5735	18-5	1809	Mon	364 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5125 kHz	MCW	(AB/MPJ)
M01b	5125	18-5	1809	Mon	364 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5735 kHz	MCW	(AB/MPJ)
M01b	5475	18-5	1915	Mon	858 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5150 kHz	MCW	(AB)

M01b	5150	18-5	1915	Mon	858 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5475 kHz	MCW	(AB)
M01b	5095	21-5	1831	Thu	815 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5760 kHz	MCW	(AB/MPJ)
M01b	5760	21-5	1831	Thu	815 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5095 kHz	MCW	(AB/MPJ)
M01b	5805	21-5	1940	Thu	936 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5065 kHz	MCW	(AB)
M01b	5065	21-5	1940	Thu	936 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5805 kHz	MCW	(AB)
M01b	5465	22-5	1902	Fri	336 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5075 kHz	MCW	(AB/MPJ)
M01b	5075	22-5	1902	Fri	336 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5465 kHz	MCW	(AB/MPJ)
M01b	4895	22-5	2010	Fri	467 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5340 kHz	MCW	(AB)
M01b	5340	22-5	2010	Fri	467 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //4895 kHz	MCW	(AB)
M01b	5735	25-5	1810	Mon	364 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5125 kHz	MCW	(AB/MPJ)
M01b	5125	25-5	1810	Mon	364 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5735 kHz	MCW	(AB/MPJ)
M01b	5150	25-5	1915	Mon	858 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5475 kHz	MCW	(AB)
M01b	5475	25-5	1915	Mon	858 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5150 kHz	MCW	(AB)
M01b	5760	28-5	1831	Thu	815 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5095 kHz	MCW	(AB/MPJ)
M01b	5095	28-5	1831	Thu	815 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5760 kHz	MCW	(AB)
M01b	5805	28-5	1940	Thu	936 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5065 kHz	MCW	(AB)
M01b	5065	28-5	1940	Thu	936 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5805 kHz	MCW	(AB)
M01b	5465	29-5	1902	Fri	336 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5075 kHz	MCW	(AB/MPJ)
M01b	5075	29-5	1902	Fri	336 121 121 31 31 == 59557 71189 86090 ... 93762 99145 79545 == 121 121 31 31 000 //5465 kHz	MCW	(AB/MPJ)
M12	12187	1-5	1210	Fri	192 192 192 000	CW	(AB/HFD)
M12	10987	1-5	1230	Fri	192 192 192 000	CW	(AB/HFD)

M12	16194	1-5	1950	Fri	173 173 173 000	CW	(AB/RL/HFD)
M12	14794	1-5	2010	Fri	173 173 173 000	CW	(AB/RL/HFD)
M12	10843	1-5	2100	Fri	822 822 822 000	CW	(AB/RL/HFD)
M12	10243	1-5	2120	Fri	822 822 822 000	CW	(AB/RL/HFD)
M12	10843	2-5	2100	Sat	822 822 822 000	CW	(AB/RL/HFD)
M12	10243	2-5	2120	Sat	822 822 822 000	CW	(AB/RL/HFD)
M12	10183	2-5	2210	Sat	199 199 199 1 6029 184 6029 184 95541 19629 96900 ... 15808 25878 99781 000 000	CW	(AB/RL)
M12	9083	2-5	2230	Sat	199 199 199 1 6029 184 6029 184 95541 19629 96900 ... 15808 25878 99781 000 000	CW	(AB/RL)
M12	8083	2-5	2250	Sat	199 199 199 1 6029 184 6029 184 95541 19629 96900 ... 15808 25878 99781 000 000	CW	(AB/RL)
M12	9314	3-5	0500	Sun	374 374 374 000	CW	(AB/HFD)
M12	10714	3-5	0520	Sun	374 374 374 000	CW	(AB/HFD)
M12	13426	4-5	0210	Mon	412 412 412 1 608 98 608 98 05282 71220 05261 ... 92295 76021 90664 000 000	CW	(Danix-RUS)
M12	12126	4-5	0230	Mon	412 412 412 1 608 98 608 98 05282 71220 05261 ... 92295 76021 90664 000 000	CW	(Danix-RUS)
M12	10226	4-5	0250	Mon	412 412 412 1 608 98 608 98 05282 71220 05261 ... 92295 76021 90664 000 000	CW	(Danix-RUS)
M12	17451	4-5	1400	Mon	494 494 494 1 253 42 253 42 95855 32366 75552 ... 77399 08709 62613 000 000	CW	(AB-RUS/MPJ)
M12	15951	4-5	1420	Mon	494 494 494 1 253 42 253 42 95855 32366 75552 ... 77399 08709 62613 000 000	CW	(AB-RUS/MPJ)
M12	14451	4-5	1440	Mon	494 494 494 1 253 42 253 42 95855 32366 75552 ... 77399 08709 62613 000 000	CW	(AB/MPJ)
M12	13381	4-5	2110	Mon	317 317 317 000	CW	(AB/RL)
M12	12181	4-5	2130	Mon	317 317 317 000	CW	(AB/RL)
M12	9314	5-5	0500	Tue	374 374 374 1 9613 75 9613 75 72754 71634 74374 ... 47039 44554 75378 000 000	CW	(AB/HFD)
M12	10714	5-5	0520	Tue	374 374 374 1 9613 75 9613 75 72754 71634 74374 ... 47039 44554 75378 000 000	CW	(AB/HFD)
M12	11414	5-5	0540	Tue	374 374 374 1 9613 75 9613 75 72754 71634 74374 ... 47039 44554 75378 000 000	CW	(AB/HFD)
M12	13423	5-5	0700	Tue	411 411 411 000	CW	(AB-J/HFD)
M12	12123	5-5	0720	Tue	411 411 411 000	CW	(AB-J/HFD)
M12	12187	6-5	1210	Wed	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB/MPJ)
M12	10987	6-5	1230	Wed	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB/MPJ)
M12	9287	6-5	1250	Wed	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB/MPJ)
M12	16113	6-5	1600	Wed	188 188 188 1 7614 77 7614 77 10875 15177 49519 ... 58143 48091 68292 000 000	CW	(AB/MPJ)
M12	15813	6-5	1620	Wed	188 188 188 1 7614 77 7614 77 10875 15177 49519 ... 58143 48091 68292 000 000	CW	(AB/MPJ)
M12	14813	6-5	1640	Wed	188 188 188 1 7614 77 7614 77 10875 15177 49519 ... 58143 48091 68292 000 000	CW	(AB/MPJ)
M12	16194	6-5	1950	Wed	173 173 173 000	CW	(AB/RL)
M12	14794	6-5	2010	Wed	173 173 173 000	CW	(AB/RL)
M12	10183	6-5	2210	Wed	199 199 199 1 110 120 110 120 93040 68509 22383 ... 20667 49244 94722 000 000	CW	(AB/RL)
M12	9083	6-5	2230	Wed	199 199 199 1 110 120 110 120 93040 68509 22383 ... 20667 49244 94722 000 000	CW	(AB/RL)
M12	8083	6-5	2250	Wed	199 199 199 1 110 120 110 120 93040 68509 22383 ... 20667 49244 94722 000 000	CW	(AB/RL)
M12	13423	7-5	0700	Thu	411 411 411 000	CW	(AB-J)
M12	12123	7-5	0720	Thu	411 411 411 000	CW	(AB-J)
M12	13926	7-5	2000	Thu	573 573 573 1 8921 131 8921 131 85366 68344 47779 ... 65244 96015 08332 000 000	CW	(AB/RL)
M12	13426	7-5	2020	Thu	573 573 573 1 8921 131 8921 131 85366 68344 47779 ... 65244 96015 08332 000 000	CW	(AB/RL)
M12	11526	7-5	2040	Thu	573 573 573 1 8921 131 8921 131 85366 68344 47779 ... 65244 96015 08332 000 000	CW	(AB/RL)

M12	12187	8-5	1210	Fri	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB/MPJ)
M12	10987	8-5	1230	Fri	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB/MPJ)
M12	9287	8-5	1250	Fri	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB/MPJ)
M12	16194	8-5	1950	Fri	173 173 173 000	CW	(AB)
M12	14794	8-5	2010	Fri	173 173 173 000	CW	(AB/RL)
M12	10843	8-5	2100	Fri	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB/RL)
M12	10243	8-5	2120	Fri	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB/RL)
M12	9243	8-5	2140	Fri	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB/RL)
M12	10843	9-5	2100	Sat	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB)
M12	10243	9-5	2120	Sat	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB)
M12	9243	9-5	2140	Sat	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB)
M12	10183	9-5	2210	Sat	199 199 199 1 110 120 110 120 93040 68509 22383 ... 20667 49244 94722 000 000	CW	(AB/RL)
M12	9083	9-5	2230	Sat	199 199 199 1 110 120 110 120 93040 68509 22383 ... 20667 49244 94722 000 000	CW	(AB/RL)
M12	8083	9-5	2250	Sat	199 199 199 1 110 120 110 120 93040 68509 22383 ... 20667 49244 94722 000 000	CW	(AB/RL)
M12	9314	10-5	0500	Sun	374 374 374 1 9613 75 9613 75 72754 71634 74374 ... 47039 44554 75378 000 000	CW	(AB)
M12	10714	10-5	0520	Sun	374 374 374 1 9613 75 9613 75 72754 71634 74374 ... 47039 44554 75378 000 000	CW	(AB)
M12	11414	10-5	0540	Sun	374 374 374 1 9613 75 9613 75 72754 71634 74374 ... 47039 44554 75378 000 000	CW	(AB)
M12	16113	10-5	1600	Sun	188 188 188 1 7614 77 7614 77 10875 15177 49519 ... 58143 48091 68292 000 000	CW	(AB)
M12	15813	10-5	1620	Sun	188 188 188 1 7614 77 7614 77 10875 15177 49519 ... 58143 48091 68292 000 000	CW	(AB)
M12	14813	10-5	1640	Sun	188 188 188 1 7614 77 7614 77 10875 15177 49519 ... 58143 48091 68292 000 000	CW	(AB)
M12	13426	11-5	0210	Mon	412 412 412 1 5887 80 5887 80 89243 72897 32188 ... 72080 50612 44365 000 000	CW	(Danix-RUS)
M12	12126	11-5	0230	Mon	412 412 412 1 5887 80 5887 80 89243 72897 32188 ... 72080 50612 44365 000 000	CW	(Danix-RUS)
M12	10226	11-5	0250	Mon	412 412 412 1 5887 80 5887 80 89243 72897 32188 ... 72080 50612 44365 000 000	CW	(Danix-RUS)
M12	13926	11-5	2000	Mon	573 573 573 000	CW	(AB/RL)
M12	13426	11-5	2020	Mon	573 573 573 000	CW	(AB/RL)
M12	9317	12-5	0530	Tue	135 135 135 1 3809 110 3809 110 30511 48565 60704 ... 09677 19540 10250 000 000	CW	(F5JBR/HFD)
M12	11152	12-5	0610	Tue	135 135 135 1 3809 110 3809 110 30511 48565 60704 ... 09677 19540 10250 000 000	CW	(F5JBR/HFD)
M12	13423	12-5	0700	Tue	411 411 411 1 6229 146 6229 146 34420 63513 87425 ... 13527 19638 35910 000 000	CW	(AB-J)
M12	12123	12-5	0720	Tue	411 411 411 1 6229 146 6229 146 34420 63513 87425 ... 13527 19638 35910 000 000	CW	(AB-J)
M12	11123	12-5	0740	Tue	411 411 411 1 6229 146 6229 146 34420 63513 87425 ... 13527 19638 35910 000 000	CW	(AB-J)
M12	12187	13-5	1210	Wed	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB)
M12	10987	13-5	1230	Wed	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB)
M12	9287	13-5	1250	Wed	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB/F5JBR)
M12	16113	13-5	1600	Wed	188 188 188 000	CW	(AB)
M12	15813	13-5	1620	Wed	188 188 188 000	CW	(AB)
M12	12162	13-5	1710	Wed	546 1	CW	(HFD)
M12	11566	13-5	1730	Wed	546 1	CW	(HFD)
M12	10711	13-5	1750	Wed	546 1	CW	(HFD)
M12	16194	13-5	1950	Wed	173 173 173 000	CW	(AB/RL)
M12	14794	13-5	2010	Wed	173 173 173 000	CW	(AB/RL)

M12	10183	13-5	2210	Wed	199 199 199 1 3497 128 3497 128 74669 10612 10855 ... 62101 32799 84189 000 000	CW	(AB)
M12	9083	13-5	2230	Wed	199 199 199 1 3497 128 3497 128 74669 10612 10855 ... 62101 32799 84189 000 000	CW	(AB/RL)
M12	8083	13-5	2250	Wed	199 199 199 1 3497 128 3497 128 74669 10612 10855 ... 62101 32799 84189 000 000	CW	(AB/RL)
M12	13423	14-5	0700	Thu	411 411 411 1 6229 146 6229 146 34420 63513 87425 ... 13527 19638 35910 000 000	CW	(AB-J)
M12	12123	14-5	0720	Thu	411 411 411 1 6229 146 6229 146 34420 63513 87425 ... 13527 19638 35910 000 000	CW	(AB-J)
M12	11123	14-5	0740	Thu	411 411 411 1 6229 146 6229 146 34420 63513 87425 ... 13527 19638 35910 000 000	CW	(AB-J)
M12	12162	14-5	1700	Thu	546 1	CW	(HFD)
M12	11566	14-5	1720	Thu	546 1	CW	(HFD)
M12	10711	14-5	1740	Thu	546 1	CW	(HFD)
M12	12162	14-5	1800	Thu	546 546 546 1 5822 113 5822 113 24315 04640 70710 ... 48880 19877 37962 000 000	CW	(AB/MPJ/HFD)
M12	11566	14-5	1820	Thu	546 546 546 1 5822 113 5822 113 24315 04640 70710 ... 48880 19877 37962 000 000	CW	(AB/MPJ/HFD)
M12	10711	14-5	1840	Thu	546 546 546 1 5822 113 5822 113 24315 04640 70710 ... 48880 19877 37962 000 000	CW	(AB/MPJ/HFD)
M12	13926	14-5	2000	Thu	573 573 573 000	CW	(AB/RL/HFD)
M12	14377	14-5	2000	Thu	317 317 317 1 3532 102 3532 102 50901 76287 11225 ... 88812 45801 03049 000 000	CW	(AB/HFD)
M12	13461	14-5	2020	Thu	317 317 317 1 3532 102 3532 102 50901 76287 11225 ... 88812 45801 03049 000 000	CW	(AB/HFD)
M12	13426	14-5	2020	Thu	573 573 573 000	CW	(AB/RL)
M12	12114	14-5	2040	Thu	317 317 317 1 3532 102 3532 102 50901 76287 11225 ... 88812 45801 03049 000 000	CW	(AB/HFD)
M12	13381	14-5	2110	Thu	317 317 317 1 1593 108 1593 108 18078 75790 23816 ... 87791 71466 90570 000 000	CW	(AB/RL)
M12	12181	14-5	2130	Thu	317 317 317 1 1593 108 1593 108 18078 75790 23816 ... 87791 71466 90570 000 000	CW	(AB/RL)
M12	10781	14-5	2150	Thu	317 317 317 1 1593 108 1593 108 18078 75790 23816 ... 87791 71466 90570 000 000	CW	(AB/RL)
M12	8161	15-5	0030	Fri	115 115 115 000	CW	(AB)
M12	9161	15-5	0050	Fri	115 115 115 000	CW	(AB)
M12	12187	15-5	1210	Fri	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB)
M12	10987	15-5	1230	Fri	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB)
M12	9287	15-5	1250	Fri	192 192 192 1 5811 14 5811 14 16463 21356 99479 ... 55632 59577 27846 000 000	CW	(AB)
M12	16194	15-5	1950	Fri	173 173 173 000	CW	(AB)
M12	14794	15-5	2010	Fri	173 173 173 000	CW	(AB)
M12	10843	15-5	2100	Fri	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB)
M12	10243	15-5	2120	Fri	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB)
M12	9243	15-5	2140	Fri	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB)
M12	10843	16-5	2100	Sat	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB)
M12	10243	16-5	2120	Sat	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB/RL)
M12	9243	16-5	2140	Sat	822 822 822 1 4742 56 4742 56 47225 79554 80641 ... 12005 91919 32158 000 000	CW	(AB/RL)
M12	10183	16-5	2210	Sat	199 199 199 1 3497 128 3497 128 74669 10612 10855 ... 62101 32799 84189 000 000	CW	(AB/RL)
M12	9083	16-5	2230	Sat	199 199 199 1 3497 128 3497 128 74669 10612 10855 ... 62101 32799 84189 000 000	CW	(AB/RL)
M12	9314	17-5	0500	Sun	374 374 374 1 3199 97 3199 97 17968 56172 63336 ... 45840 73480 99825 000 000	CW	(AB)
M12	10714	17-5	0520	Sun	374 374 374 1 3199 97 3199 97 17968 56172 63336 ... 45840 73480 99825 000 000	CW	(AB)
M12	11414	17-5	0540	Sun	374 374 374 1 3199 97 3199 97 17968 56172 63336 ... 45840 73480 99825 000 000	CW	(AB)
M12	16113	17-5	1600	Sun	188 188 188 000	CW	(AB)
M12	15813	17-5	1620	Sun	188 188 188 000	CW	(AB)

M12	13426	18-5	0210	Mon	412 412 412 1 8285 168 8285 168 66344 60494 04698 ... 99300 33370 23491 000 000	CW	(Danix-RUS/HFD)
M12	12126	18-5	0230	Mon	412 412 412 1 8285 168 8285 168 66344 60494 04698 ... 99300 33370 23491 000 000	CW	(Danix-RUS/HFD)
M12	10226	18-5	0250	Mon	412 412 412 1 8285 168 8285 168 66344 60494 04698 ... 99300 33370 23491 000 000	CW	(Danix-RUS/HFD)
M12	13926	18-5	2000	Mon	573 573 573 1 3629 71 3629 71 48732 89159 73250 ... 23423 20765 30074 000 000	CW	(AB/RL)
M12	13426	18-5	2020	Mon	573 573 573 1 3629 71 3629 71 48732 89159 73250 ... 23423 20765 30074 000 000	CW	(AB/RL)
M12	11526	18-5	2040	Mon	573 573 573 1 3629 71 3629 71 48732 89159 73250 ... 23423 20765 30074 000 000	CW	(AB/RL)
M12	12181	18-5	2130	Mon	317 317 317 000	CW	(RL)
M12	8161	19-5	0030	Tue	115 115 115 1 too weak to copy	CW	(AB)
M12	9314	19-5	0500	Tue	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(AB)
M12	10714	19-5	0520	Tue	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(AB)
M12	9317	19-5	0530	Tue	135 135 135 1 1044 107 1044 107 23245 27350 05388 ... 39227 25839 62001 000 000	CW	(AB)
M12	11414	19-5	0540	Tue	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(AB)
M12	10484	19-5	0550	Tue	135 135 135 1 1044 107 1044 107 23245 27350 05388 ... 39227 25839 62001 000 000	CW	(AB)
M12	11152	19-5	0610	Tue	135 135 135 1 1044 107 1044 107 23245 27350 05388 ... 39227 25839 62001 000 000	CW	(AB)
M12	13423	19-5	0700	Tue	411 411 411 1 667 72 667 72 35632 68946 26965 ... 97211 75785 83085 000 000	CW	(AB-J)
M12	12123	19-5	0720	Tue	411 411 411 1 667 72 667 72 35632 68946 26965 ... 97211 75785 83085 000 000	CW	(AB-J)
M12	11123	19-5	0740	Tue	411 411 411 1 667 72 667 72 35632 68946 26965 ... 97211 75785 83085 000 000	CW	(AB-J)
M12	8083	19-5	2250	Tue	199 199 199 1 3497 128 3497 128 74669 10612 10855 ... 62101 32799 84189 000 000	CW	(AB/RL)
M12	12187	20-5	1210	Wed	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB)
M12	10987	20-5	1230	Wed	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB)
M12	9287	20-5	1250	Wed	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB)
M12	16113	20-5	1600	Wed	188 188 188 1 9487 130 9487 130 28127 19091 74789 ... 99079 63865 04413 000 000	CW	(AB/MPJ)
M12	15813	20-5	1620	Wed	188 188 188 1 9487 130 9487 130 28127 19091 74789 ... 99079 63865 04413 000 000	CW	(AB/MPJ)
M12	14813	20-5	1640	Wed	188 188 188 1 9487 130 9487 130 28127 19091 74789 ... 99079 63865 04413 000 000	CW	(AB/MPJ)
M12	12162	20-5	1710	Wed	546 546 546 1 4485 109 4485 109 52833 03707 64722 ... 23026 50517 16238 000 000	CW	(AB)
M12	11566	20-5	1730	Wed	546 546 546 1 4485 109 4485 109 52833 03707 64722 ... 23026 50517 16238 000 000	CW	(AB)
M12	10711	20-5	1750	Wed	546 546 546 1 4485 109 4485 109 52833 03707 64722 ... 23026 50517 16238 000 000	CW	(AB)
M12	16194	20-5	1950	Wed	173 173 173 000	CW	(AB/RL)
M12	14794	20-5	2010	Wed	173 173 173 000	CW	(AB/RL)
M12	10183	20-5	2210	Wed	199 199 199 1 576 90 576 90 35419 43203 86651 ... 40655 97457 53168 34580 000 000	CW	(AB/RL)
M12	9083	20-5	2230	Wed	199 199 199 1 576 90 576 90 35419 43203 86651 ... 40655 97457 53168 34580 000 000	CW	(AB/RL)
M12	8083	20-5	2250	Wed	199 199 199 1 576 90 576 90 35419 43203 86651 ... 40655 97457 53168 34580 000 000	CW	(AB/RL)
M12	13423	21-5	0700	Thu	411 411 411 1 667 72 667 72 35632 68946 26965 ... 97211 75785 83085 000 000	CW	(AB-RUS)
M12	12123	21-5	0720	Thu	411 411 411 1 667 72 667 72 35632 68946 26965 ... 97211 75785 83085 000 000	CW	(AB-RUS)
M12	11123	21-5	0740	Thu	411 411 411 1 667 72 667 72 35632 68946 26965 ... 97211 75785 83085 000 000	CW	(AB-RUS)
M12	12162	21-5	1700	Thu	546 546 546 546 1 7313 111 7313 111 36220 69654 72529 ... 22381 22495 35064 79993 000 000	CW	(AB)
M12	11566	21-5	1720	Thu	546 546 546 546 1 7313 111 7313 111 36220 69654 72529 ... 22381 22495 35064 79993 000 000	CW	(AB)

M12	10711	21-5	1740	Thu	546 546 546 546 1 7313 111 7313 111 36220 69654 72529 ... 22381 22495 35064 79993 000 000	CW	(AB)
M12	12162	21-5	1800	Thu	546 546 546 1 6839 104 6839 104 78086 30894 51647 ... 65513 55977 88224 000 000	CW	(AB)
M12	11566	21-5	1820	Thu	546 546 546 1 6839 104 6839 104 78086 30894 51647 ... 65513 55977 88224 000 000	CW	(AB)
M12	10711	21-5	1840	Thu	546 546 546 1 6839 104 6839 104 78086 30894 51647 ... 65513 55977 88224 000 000	CW	(AB)
M12	13926	21-5	2000	Thu	573 573 573 1 3629 71 3629 71 48732 89159 73250 ... 23423 20765 30074 000 000	CW	(AB)
M12	14377	21-5	2000	Thu	317 317 317 1 8773 109 8773 109 37202 83713 52749 ... 85155 91079 14953 000 000	CW	(AB/RL)
M12	13426	21-5	2020	Thu	573 573 573 1 3629 71 3629 71 48732 89159 73250 ... 23423 20765 30074 000 000	CW	(AB)
M12	13461	21-5	2020	Thu	317 317 317 1 8773 109 8773 109 37202 83713 52749 ... 85155 91079 14953 000 000	CW	(AB/RL)
M12	11526	21-5	2040	Thu	573 573 573 1 3629 71 3629 71 48732 89159 73250 ... 23423 20765 30074 000 000	CW	(AB/RL)
M12	12114	21-5	2040	Thu	317 317 317 1 8773 109 8773 109 37202 83713 52749 ... 85155 91079 14953 000 000	CW	(AB/RL)
M12	13381	21-5	2110	Thu	317 317 317 000	CW	(AB)
M12	12181	21-5	2130	Thu	317 317 317 000	CW	(AB/RL)
M12	8161	22-5	0030	Fri	115 115 115 1 ... (too weak to copy)	CW	(AB)
M12	12187	22-5	1210	Fri	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB)
M12	10987	22-5	1230	Fri	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB)
M12	9287	22-5	1250	Fri	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB)
M12	16194	22-5	1950	Fri	173 173 173 000	CW	(AB/RL)
M12	14794	22-5	2010	Fri	173 173 173 000	CW	(AB/RL)
M12	10843	22-5	2100	Fri	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB)
M12	10243	22-5	2120	Fri	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB)
M12	9243	22-5	2140	Fri	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	10843	23-5	2100	Sat	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	10243	23-5	2120	Sat	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	9243	23-5	2140	Sat	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	10183	23-5	2210	Sat	199 199 199 1 576 90 576 90 35419 43203 86651 19815 22184...63894 40655 97457 53168 44580 000 000	CW	(RL)
M12	9083	23-5	2230	Sat	199 199 199 1 576 90 576 90 35419 43203 86651 19815 22184...63894 40655 97457 53168 44580 000 000	CW	(RL)
M12	8083	23-5	2250	Sat	199 199 199 1 576 90 576 90 35419 43203 86651 19815 22184...63894 40655 97457 53168 44580 000 000	CW	(RL/Dan)
M12	9314	24-5	0500	Sun	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(AB)
M12	10714	24-5	0520	Sun	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(AB)
M12	11414	24-5	0540	Sun	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(AB)
M12	16113	24-5	1600	Sun	188 188 188 1 9487 130 9487 130 28127 19091 74789 ... 99079 63865 04413 000 000	CW	(AB/MPJ)
M12	15813	24-5	1620	Sun	188 188 188 1 9487 130 9487 130 28127 19091 74789 ... 99079 63865 04413 000 000	CW	(AB/MPJ)
M12	14823	24-5	1640	Sun	188 188 188 1 9487 130 9487 130 28127 19091 74789 ... 99079 63865 04413 000 000	CW	(AB/MPJ)
M12	13426	25-5	0210	Mon	412 412 412 1 8595 180 8595 180 53232 20940 49256 ... 47307 98073 26503 000 000	CW	(Danix-RUS)
M12	12126	25-5	0230	Mon	412 412 412 1 8595 180 8595 180 53232 20940 49256 ... 47307 98073 26503 000 000	CW	(Danix-RUS)
M12	10226	25-5	0250	Mon	412 412 412 1 8595 180 8595 180 53232 20940 49256 ... 47307 98073 26503 000 000	CW	(Danix-RUS)

M12	13926	25-5	2000	Mon	573 573 573 000	CW	(AB/RL)
M12	13426	25-5	2020	Mon	573 573 573 000	CW	(AB/RL)
M12	12181	25-5	2110	Mon	317 317 317 1 2615 87 2615 87 33664 62661 54923 99637 83555...52103 31307 87703 72507 89642 000 000	CW	(RL)
M12	13381	25-5	2110	Mon	317 317 317 1 2615 87 2615 87 33664 62661 54923 99637 83555...52103 31307 87703 72507 89642 000 000	CW	(RL)
M12	10781	25-5	2110	Mon	317 317 317 1 2615 87 2615 87 33664 62661 54923 99637 83555...52103 31307 87703 72507 89642 000 000	CW	(RL)
M12	8161	26-5	0030	Tue	115 115 115 000	CW	(AB)
M12	9161	26-5	0050	Tue	115 115 115 000	CW	(AB)
M12	9314	26-5	0500	Tue	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(AB)
M12	10714	26-5	0520	Tue	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(F5JBR)
M12	11414	26-5	0540	Tue	374 374 374 1 447 113 447 113 74320 35284 22318 ... 69529 10664 57485 000 000	CW	(F5JBR)
M12	13423	26-5	0700	Tue	411 411 411 1 9114 24 9114 24 07917 22442 32027 ... 77473 82673 70105 000 000	CW	(AB-RUS)
M12	12123	26-5	0720	Tue	411 411 411 1 9114 24 9114 24 07917 22442 32027 ... 77473 82673 70105 000 000	CW	(AB-RUS)
M12	11123	26-5	0740	Tue	411 411 411 1 9114 24 9114 24 07917 22442 32027 ... 77473 82673 70105 000 000	CW	(AB-RUS)
M12	12187	27-5	1210	Wed	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB/MPJ)
M12	10987	27-5	1230	Wed	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB/MPJ)
M12	9287	27-5	1250	Wed	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB/MPJ)
M12	16113	27-5	1600	Wed	188 188 188 000	CW	(AB/MPJ)
M12	15813	27-5	1620	Wed	188 188 188 000	CW	(AB/MPJ)
M12	12162	27-5	1710	Wed	546 546 546 1 1517 106 1517 106 46098 44727 80736 ... 53549 26226 50503 000 000	CW	(AB)
M12	11566	27-5	1730	Wed	546 546 546 1 1517 106 1517 106 46098 44727 80736 ... 53549 26226 50503 000 000	CW	(AB)
M12	10711	27-5	1750	Wed	546 546 546 1 1517 106 1517 106 46098 44727 80736 ... 53549 26226 50503 000 000	CW	(AB)
M12	16194	27-5	1950	Wed	173 173 173 000	CW	(AB/RL)
M12	14794	27-5	2010	Wed	173 173 173 000	CW	(AB/RL)
M12	10183	27-5	2210	Wed	199 199 199 1 113 20 113 20 74348 91628 47923 ... 29014 91607 20946 000 000	CW	(AB/RL)
M12	9083	27-5	2230	Wed	199 199 199 1 113 20 113 20 74348 91628 47923 ... 29014 91607 20946 000 000	CW	(AB/RL)
M12	8083	27-5	2250	Wed	199 199 199 1 113 20 113 20 74348 91628 47923 ... 29014 91607 20946 000 000	CW	(AB/RL)
M12	13423	28-5	0700	Thu	411 411 411 1 9114 24 9114 24 07917 22442 32027 ... 77473 82673 70105 000 000	CW	(AB-J)
M12	12123	28-5	0720	Thu	411 411 411 1 9114 24 9114 24 07917 22442 32027 ... 77473 82673 70105 000 000	CW	(AB-J)
M12	11123	28-5	0740	Thu	411 411 411 1 9114 24 9114 24 07917 22442 32027 ... 77473 82673 70105 000 000	CW	(AB-J)
M12	12162	28-5	1700	Thu	546 546 546 1 6233 106 6233 106 34546 53872 23107 ... 38318 20488 50811 000 000	CW	(AB)
M12	11566	28-5	1720	Thu	546 546 546 1 6233 106 6233 106 34546 53872 23107 ... 38318 20488 50811 000 000	CW	(AB)
M12	10711	28-5	1740	Thu	546 546 546 1 6233 106 6233 106 34546 53872 23107 ... 38318 20488 50811 000 000	CW	(AB)
M12	12162	28-5	1800	Thu	546 546 546 1 1995 111 1995 111 53946 58674 15562 ... 16304 43794 13524 000 000	CW	(AB)
M12	11566	28-5	1820	Thu	546 546 546 1 1995 111 1995 111 53946 58674 15562 ... 16304 43794 13524 000 000	CW	(AB)
M12	10711	28-5	1840	Thu	546 546 546 1 1995 111 1995 111 53946 58674 15562 ... 16304 43794 13524 000 000	CW	(AB)
M12	14377	28-5	2000	Thu	317 317 317 1 3943 110 3943 110 26839 66163 55924 ... 70817 74337 92928 000 000	CW	(AB)
M12	13926	28-5	2000	Thu	573 573 573 000	CW	(AB/RL)

M12	13426	28-5	2020	Thu	573 573 573 000	CW	(AB/RL)
M12	13461	28-5	2020	Thu	317 317 317 1 3943 110 3943 110 26839 66163 55924 ... 70817 74337 92928 000 000	CW	(AB)
M12	12114	28-5	2040	Thu	317 317 317 1 3943 110 3943 110 26839 66163 55924 ... 70817 74337 92928 000 000	CW	(AB)
M12	13381	28-5	2110	Thu	317 317 317 1 2615 87 2615 87 33664 62661 54923 ... 87703 72507 89642 000 000	CW	(AB/RL)
M12	12181	28-5	2130	Thu	317 317 317 1 2615 87 2615 87 33664 62661 54923 ... 87703 72507 89642 000 000	CW	(AB/RL)
M12	10781	28-5	2150	Thu	317 317 317 1 2615 87 2615 87 33664 62661 54923 ... 87703 72507 89642 000 000	CW	(AB/RL)
M12	8161	29-5	0030	Fri	115 115 115 000	CW	(AB)
M12	9161	29-5	0050	Fri	115 115 115 000	CW	(AB)
M12	12187	29-5	1210	Fri	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB/MPJ)
M12	10987	29-5	1230	Fri	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB/MPJ)
M12	9287	29-5	1250	Fri	192 192 192 1 220 30 220 30 00665 81651 69432 ... 00276 19455 98410 000 000	CW	(AB/MPJ)
M12	16194	29-5	1950	Fri	173 173 173 000	CW	(AB/RL)
M12	14794	29-5	2010	Fri	173 173 173 000	CW	(AB/RL)
M12	10843	29-5	2100	Fri	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	10243	29-5	2120	Fri	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	9243	29-5	2140	Fri	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	10843	30-5	2100	Sat	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	10243	30-5	2120	Sat	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	9243	30-5	2140	Sat	822 822 822 1 100 89 100 89 17932 33593 01485 ... 48511 06294 99531 000 000	CW	(AB/RL)
M12	10183	30-5	2210	Sat	199 199 199 1 113 20 113 20 74348 91628 47923 ... 29014 91607 20946 000 000	CW	(AB/RL)
M12	9083	30-5	2230	Sat	199 199 199 1 113 20 113 20 74348 91628 47923 ... 29014 91607 20946 000 000	CW	(AB/RL)
M12	8083	30-5	2250	Sat	199 199 199 1 113 20 113 20 74348 91628 47923 ... 29014 91607 20946 000 000	CW	(AB/RL)
M12	9314	31-5	0500	Sun	374 374 374 000	CW	(AB)
M12	10714	31-5	0520	Sun	374 374 374 000	CW	(AB)
M12	16113	31-5	1600	Sun	188 188 188 000	CW	(AB)
M12	15813	31-5	1620	Sun	188 188 188 000	CW	(AB)
M14	4730	2-5	0800	Sat	523 404 404 33 33 = = 35213 90987 60755 ... 21352 61119 84120 = = 404 404 33 33 00000	MCW	(AB-RUS/HFD-RUS)
M14	4650	2-5	0900	Sat	523 404 404 33 33 = = 35213 90987 60755 ... 21352 61119 84120 = = 404 404 33 33 00000	MCW	(AB-RUS/HFD-RUS)
M14	4890	3-5	2300	Sun	617 404 404 33 33 = = 35213 90987 60755 ... 21352 61119 84120 = = 404 404 33 33 00000	MCW	(AB)
M14	4760	4-5	0000	Mon	617 404 404 33 33 = = 35213 90987 60755 ... 21352 61119 84120 = = 404 404 33 33 00000	MCW	(AB)
M14	4730	9-5	0800	Sat	523 404 404 33 33 = = 35213 90987 60755 ... 21352 61119 84120 = = 404 404 33 33 00000	MCW	(AB-RUS)
M14	4650	9-5	0900	Sat	523 404 404 33 33 = = 35213 90987 60755 ... 21352 61119 84120 = = 404 404 33 33 00000	MCW	(AB-RUS)
M14	16347	10-5	0930	Sun	617 204 204 198 198 = = 72831 02592 06914 ... 09615 86408 40630 = = 204 204 198 198 00000	CW	(AB)
M14	4890	10-5	2300	Sun	617 404 404 33 33 = = 60945 70231 40431 ... 12345 54321 97765 = = 404 404 33 33 00000	MCW	(AB)
M14	4760	11-5	0000	Mon	617 404 404 33 33 = = 60945 70231 40431 ... 12345 54321 97765 = = 404 404 33 33 00000	MCW	(AB)
M14	14878	11-5	0930	Mon	617 204 204 198 198 = = 72831 02592 06914 ... 09615 86408 40630 = = 204 204 198 198 00000	CW	(AB)
M14	6856	12-5	1820	Tue	163 505 505 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 505 505 33 33	MCW	(AB/HFD)
M14	5938	13-5	1920	Wed	417 505 505 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 505 505 33 33	MCW	(AB/HFD)

M14	4730	16-5	0800	Sat	523 404 404 33 33 = = 60945 70231 40431 ... 12345 54321 98765 = = 404 404 33 33 00000	MCW	(AB-RUS)
M14	4650	16-5	0900	Sat	523 404 404 33 33 = = 60945 70231 40431 ... 12345 54321 98765 = = 404 404 33 33 00000	MCW	(AB-RUS)
M14	4730	23-5	0800	Sat	523 200 200 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 200 200 33 33 0000	MCW	(AB-RUS)
M14	4650	23-5	0900	Sat	523 200 200 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 200 200 33 33 0000	MCW	(AB-RUS)
M14	16347	25-5	0930	Mon	617 617 617 00000	CW	(AB)
M14	6856	26-5	1820	Tue	163 505 505 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 505 505 33 33 00000	MCW	(AB/MPJ)
M14	5938	27-5	1930	Wed	??? 505 505 33 33 = = 60945 70231 40431 ... 60323 47800 81362 = = 505 505 33 33 00000	MCW	(AB)
M14	4730	30-5	0800	Sat	Long pauses and restart at 0808 UTC with a better signal. 523 144 144 33 33 = = 12579 45890 32157 ... 76678 54546 12213 = = 144 144 33 33 00000	MCW	(AB-RUS)
M14	4650	30-5	0900	Sat	523 144 144 33 33 = = 12579 45890 32157 ... 76678 54546 12213 = = 144 144 33 33 00000	MCW	(AB-RUS)
M21	4791	11-5	1553	Mon	=18000440746953 =18000440746953 =991903??0????? =170044849555 =17008400849555	CW	(F5JBR)
M21	6793.5	11-5	1627	Mon	=991927??8????? =991928??8????? =991929??8?????	CW	(F5JBR)
M21	6421.5	11-5	1729	Mon	=992029??8????? =992030??8????? =992031??8????? //3185	CW	(F5JBR)
M21	3185	11-5	1732	Mon	=992023??8????? =992024??8????? =992025??8?????	CW	(F5JBR)
M21	3247.5	11-5	1748	Mon	=992057??0????? =17000113042949 =992058??0????? =992059??0????? =17000113042951	CW	(F5JBR)
M21	5221.5	12-5	1758	Tue	=992058??0????? =992059??0????? =992100??0?????	CW	(F5JBR)
M21	7249	13-5	0529	Wed	=990827??0????? =990828??0????? =990829??0????? //4791 kHz	CW	(F5JBR)
M21	4811	15-5	1530	Fri	=991830??8????? =991831??8????? =991832??8?????	CW	(F5JBR)
M21	5431	16-5	0938	Sat	=99?1238?9????? =99?1240?9????? =99?1242?9?????	CW	(F5JBR)
M21	6440.5	16-5	0945	Sat	=991245??0????? =991246??0????? =991247??0?????	CW	(F5JBR)
M21	4811	16-5	1429	Sat	13401966787530 =991730??8????? =13402966785630 =13403109481630	CW	(F5JBR)
M32a	18.1	4-5	1655	Mon	RDL RDL RDL 30529 36294 30529 36294 30529 36294 K	FSK CW	(AB)
M32a	18.1	4-5	1715	Mon	RDL RDL RDL 48552 13058 48552 13058 48552 13058 K	FSK CW	(AB)
M32a	4810	5-5	0902	Tue	RIQ83 RIQ83 RIQ83 DE RMAE RMAE QSA? K VVV RIF92 RIF92 RIF92 DE RMAE RMAE QSA? K RMAE R K	CW	(AB)
M32a	10543	8-5	1541	Fri	RCV: Russian Navy Sevastopol. RBE86 RBE86 RBE86 DE RCV RVC QTC 554 148 8 1330 554 = NAWAREA 030 70KARTY 30115 30116 etc.	CW	(AB)
M32a	9884	19-5	0755	Tue	RDL RDL RDL 27473 47815 27473 47815 27473 47815 K	CW	(F5JBR)
M32b	8816	7-5	0750	Thu	rjc38 de 84351 qth 16909 13157 qbd 0500 k. qth 16545 13710 qbd 0400 k. 16545 13710 qbd 0400 ...	CW	(WP3)
M41	5649	12-5	1818	Tue	TWAU TWAU =7229587604949200017 722194959045895731287206018 722194960076567491287211018 722961076218252018 722962076817786019 AR	CW	(F5JBR)
M41	5379.5	13-5	1644	Wed	9669265203142 9669265203243 9669265203244 9669265203345 9669265231846 9668083987447	CW	(F5JBR)
M41	8017	13-5	1700	Wed	SUEO SUEO SUEO SUEO AR	CW	(F5JBR)
M41	4844.3	13-5	1723	Wed	9669 081381923 9669182381824517 96691100511700 9669082905525 //5379.4 kHz	CW	(F5JBR)
M41	5276.5	15-5	1235	Fri	993908329336 993908838233333334 9939088323340 192	CW	(F5JBR)
M41	5379.5	16-5	0705	Sat	i.p. 082 37 52 10 K 50177180511 800008500 082 375210 000 51077180511	CW	(F5JBR)
M41	4911.5	16-5	1718	Sat	L2PA L2PA 72219585040881259161700001810 AR 9754268239816 9754268239218 97542682393811000	CW	(F5JBR)

M41	4024.2	17-5	0638	Sun	WTFP 0084410 83809 20517 850071805 RPT 0084410 83809 20517 850071805	CW	(F5JBR)
M41	5734.5	18-5	0550	Mon	9993031153548 9993031153550 1929992 993031153551 K66E ZZV ZFK ZID K66E AR	CW	(F5JBR)
M41	4959	20-5	0719	Wed	VVV VV VVV VVV 990403146 1420 517 99044154511450	CW	(F5JBR)
M41	5898.8	24-5	0702	Sun	RPT 0037163810000517 850071805118 8500037161602 8500037153503	CW	(F5JBR)
M42	16277	7-5	1349	Thu	Russian diplo/intel.	MFSK	(AB)
M42	11450	19-5	0915	Tue	Russian diplo/intel.	MFSK-66	(AB)
M42	11140	20-5	0727	Wed	RGG wkg UCC: QSY 12103	CW	(F5JBR)
M42	12103	20-5	0733	Wed	UCC wkg RGG: QSY 11552 QSO QRU NIL SK	CW	(F5JBR)
M42a	10436	12-5	1251	Tue	39158 AA 21489 AA 51656 K AA AA AA AA AA K K	CW	(F5JBR)
M42a	10436	13-5	1247	Wed	VVV VVV QSA3 K	CW	(F5JBR)
M42a	11997	13-5	1258	Wed	NW 04538 63656 35812 AA AA AA RPT 2 K	CW	(F5JBR)
M42a	10415	14-5	0841	Thu	VVVV VVVV QSA3 K NW AA 42255 21878 20513 K AA AA AA K	CW	(F5JBR)
M42a	9802	16-5	0744	Sat	QSV QSV K ? ? AA AA	CW	(F5JBR)
M42a	9543	20-5	0730	Wed	Message in RTTY and opchat in CW: VVV VVV QSA3 K	CW + Baudot ITA2 50/500	(F5JBR)
M42a	9802	20-5	0744	Wed	QSV QSV K ? ? AA AA	CW	(F5JBR)
M42a	10415	24-5	0537	Sun	VVV VVV QSA 3 K K	CW	(F5JBR)
M42b	6776	3-5	0619	Sun	GX7N GX7N QSA3 QSA? 048 100 03 0620 5219 = 25617 78291 28712 ... 56344 65346 70789 CFM NIL K SK SK	CW + Baudot ITA2 50/500	(AB)
M42b	6776	4-5	0619	Mon	VVV GX7N GX7N GX7N DE TIGR TIGR 401 100 045 0620 4521 = 05617 78291 28712 ... 67098 46577 30 (incomplete message)	CW + Baudot ITA2 50/500	(AB)
M42b	6776	6-5	0618	Wed	GX7N GX7N GX7N DE TIGR TIGR K 504 100 6 0620 5385 = 29617 78291 28712 ... 56344 65346 70789 CFM NIL K SK SK	CW + Baudot ITA2 50/500	(AB)
M42b	6776	7-5	0615	Thu	VVV GX7N GX7N GX7N DE TIGR TIGR K 113 100 7 0620 6427 = 25617 78291 28712 ... 56344 65346 70789 CFM NIL K SK SK	CW + Baudot ITA2 50/500	(AB)
M42b	6776	9-5	0609	Sat	VVV VVV V GX7N GX7N GX7N DE TIGR TIGR K. QSY 53317 QSY 53317 K, QSY NO QSY 53317 QSY 53317 K	CW	(AB)
M42b	6776	10-5	0620	Sun	GX7N GX7N GX7N DE TIGR TIGR K 101 100 10 0645 4521 = 25617 78291 28712 ... 56344 65346 70789 CFM NIL K SK	CW + Baudot ITA2 50/500	(AB)
M42b	6776	11-5	0619	Mon	VVV GX7N GX7N GX7N DE TIGR TIGR K 278 102 11 0620 5071 = 16546 46584 76456 ... 23419 =100= 53478 23108 CFM NIL K SK SK	CW + Baudot ITA2 50/500	(AB)
M42b	6993	12-5	0553	Tue	SFDZ wkg outstation. Opchat in CW: QRU NIL QRX AR	CW + Baudot ITA2 50/500	(F5JBR)
M42b	9070	12-5	0600	Tue	RPK wkg outstation: QSY 7385 QSY 11455	CW	(F5JBR)
M42b	7311	12-5	0731	Tue	AL9N wkg GSXL: QTC1 K = 101 50 12 0735 1783 K. RPT 66872 53021 53101 ... CFM NIL SK	CW	(F5JBR)
M42b	5418	12-5	0820	Tue	MUNO wkg PULK: QTC1 ZTH 182 130 12 0820 8739 K (QXS on 5846 kHz)	CW	(F5JBR)
M42b	2752	12-5	1811	Tue	PGUN wkg KU8I. RTTY message and opchat: QRU NIL SK	CW + Baudot ITA2 50/500	(F5JBR)
M42b	6993	13-5	0539	Wed	FDZ wkg outstation. RTTY message and opchat: QRU NIL QRX AR	CW + Baudot ITA2 50/500	(F5JBR)
M42b	6776	14-5	0622	Thu	141 100 14 0620 4541 = 25617 78291 28712 ... 56346 69146 70789 CFM NIL SK	CW + Baudot ITA2 50/500	(AB)
M42b	5299	15-5	1444	Fri	PSDG wkg FANV: QSA NO QSY 90040	CW	(F5JBR)
M42b	9091	15-5	1535	Fri	KVIC wkg PMFD: QSY 19497	CW	(F5JBR)
M42b	5857	16-5	0550	Sat	LXMT wkg L5XS	CW + Baudot ITA2 50/500	(F5JBR)

M42b	6776	16-5	0621	Sat	GX7N GX7N GX7N DE TIGR TIGR K 207 100 16 0620 2785 = 25617 78291 28712 ... 56344 65346 70789 CFM NIL K 0630	CW	(AB/F5JBR)
M42b	5425	16-5	1435	Sat	K5LW Wkg F8IR (QX on 5070 kHz)	CW + Baudot ITA2 50/500	(F5JBR)
M42b	6776	17-5	0615	Sun	VVV VVV GX7N GX7N GX7N DE TIGR TIGR K. QSA4 QRU? K. QTC1 QRV? K. NW = 1711 CFM NIL SK	CW	(AB)
M42b	5897	17-5	0621	Sun	TIGR TIGR TIGR DE GX7N GX7N QSA4 QRU? K. QCT1 ZZE K. NW = 173 101 17 0610 2468 K	CW	(AB)
M42b	6776	18-5	0615	Mon	VVV GX7N GX7N GX7N DE TIGR TIGR K 250 100 19 0620 4653 = 25617 78291 28712 ... 56344 65346 70782 CFM NIL K SK SK	CW + Baudot ITA2 50/500	(AB)
M42b	5897	18-5	0618	Mon	VVV TIGR TIGR TIGR DE GX7N GX7N K. 488 101 18 0620 6889 = 62356 76369 62752 ... 11207 95271 83888 -555	CW + Baudot ITA2 50/500	(AB)
M42b	6776	18-5	0619	Mon	VVV GX7N GX7N GX7N DE TIGR TIGR K. 176 101 18 0620 7382 = 25617 78291 28712 ... 65346 70789 =100= 79348 CFM NIL K SK SK	CW + Baudot ITA2 50/500	(AB)
M42b	5425	18-5	1420	Mon	FI8R FR8R DE K5LW K5LW K. 221 122 18 1420 4897 = 83339 46889 2441_ ... 83439 74494 10981 =1439 K. CFM NIL QRV? K	CW + Baudot ITZ2 50/500	(AB)
M42b	5897	19-5	0610	Tue	VVVVV TIGR TIGR 492 102 19 0620 3829 = 45384 36891 92543 ... 54273 35445 =100= 26408 28441	CW + Baudot ITA2 50/500	(AB)
M42b	7337	19-5	0816	Tue	RChUA wkg GKNM	CW + Baudot ITA2 50/500	(F5JBR)
M42b	7708	20-5	0512	Wed	MFJQ wkg YDEW	CW + Baudot ITA2 50/500	(F5JBR)
M42b	5857	20-5	0549	Wed	LXMT wkg L5XS. 228 102 20 0550 2109 = 45384 36891 92543 ... 35445 =100= 26408 28441	CW + Baudot ITA2 50/500	(F5JBR)
M42b	7337	20-5	0814	Wed	RChUA wkg GKNM	CW + Baudot ITA2 50/500	(F5JBR)
M42b	6776	21-5	0615	Thu	VVV GX7N GX7N RYRYRYRYRYRYRY 343 101 21 0620 7438 = RPT K	CW + Baudot ITA2 50/500	(AB)
M42b	5897	21-5	0620	Thu	TIGR TIGR TIGR DE GX7N GX7N NW = 502 102 21 0623 3679 K NIL SK	CW	(AB)
M42b	6776	22-5	0607	Fri	VVV GX7N GX7N GX7N DE TIGR TIGR K 216 100 22 0620 6096 = 25617 78291 28712 ... 56344 65346 70789 0000000	CW + Baudot ITA2 50/500	(AB)
M42b	5425	22-5	1407	Fri	VVVVVVVV FI8R FR8R DE K5LW K5LW K 145 114 22 1430 9698 = 96393 03207 90227 ... 69419 89103 09698	CW + Baudot ITA2 50/500	(AB)
M42b	6776	23-5	0620	Sat	VVV VVV VVV GX7N GX7N GX7N DE TIGR TIGR K 231 100 23 0620 4521 = 25617 78291 28712 ... 56344 65346 70789 CFM NIL SK	CW + Baudot ITA2 50/500	(AB)
M42b	7708	24-5	0509	Sun	MJFQ wkg YDEW	CW + Baudot UTA2 50/500	(F5JBR)
M42b	6776	24-5	0618	Sun	VVV VVV GX7N GX7N GX7N DE TIGR TIGR K 239 100 24 0620 7351 = 25617 78291 28712 ... 56344 65346 70789	CW	(AB)
M42b	5897	24-5	0619	Sun	516 101 24 06066 51 91892 40783 14341 ... 37461 47184 =100= 36846 CFM QRV? K	CW	(AB)
M42b	7337	24-5	0815	Sun	RchUA wkg GKNM	CW + Baudot ITA2 50/500	(F5JBR)
M42b	7978	25-5	0508	Mon	YDEW wkg MJFQ	CW + Baudot ITA2 50/500	(F5JBR)
M42b	5897	25-5	0618	Mon	VVV TIGR TIGR TIGR DE GX7N GX7N K QTC1 ZTH K NW 521 101 25 0623 2468 K	CW	(AB)
M42b	6776	25-5	0619	Mon	VVV QSA1 K K GX7 (incomplete callsign) QTC1 ZCZ K OK SLD K NW = 24510 CFM NIL K SK	CW	(AB)
M42b	5897	27-5	0617	Wed	200Hz instead of 500Hz. TIGR TIGR TIGR DE GX7N GX7N K 530 808 27 0620 3088 = 98892 40783 84348 ... 37468 47884 =100= 36846	CW + Baudot ITA2 50/200	(AB)
M42b	6776	27-5	0620	Wed	VVV VVV GX7N GX7N GX7N DE TIGR TIGR K 278 800 27 0620 6358 = 25687 78298 28782 ... 56344 65346 70789 CFM NIL K SK SK	CW + Baudot ITA2 50/500	(AB)

M42b	5897	28-5	0618	Thu	TIGR TIGR TIGR DE GX7N GX7N K 535 101 28 0620 6879 = 98892 40783 84348 ... 37468 47884 =100= 36846	CW	(AB)
M42b	6776	28-5	0620	Thu	VVV VVV GX7N GX7N GX7N DE TIGR TIGR K 284 100 28 0620 8362 = 25617 78291 28712 ... 80940 56892 54378 =50=	CW + Baudot ITA2 50/500	(AB)
M42b	6776	29-5	0618	Fri	VVV GX7N QSA3 QRU? K OK R 540 QTC1 SLD NW = 11029 CFM NIL K	CW	(AB)
M42b	5897	29-5	0620	Fri	TIGR TIGR TIGR DE GX7N GX7N K BK BK QSA2 QSA? K QTC1 ZTH K NW = 540 101 39 0623 3579 K CFM NIL QRU? K OK K R 2910626 K	CW	(AB)
M42b	5425	29-5	1433	Fri	VVV FI8R FR8R DE K5LW K5LW K = 037 119 29 1420 4589= 76706 71130 95210 ... 60130 29648 49608	CW + Baudot ITA2 50/500	(AB)
M42b	5897	30-5	0620	Sat	TIGR TIGR TIGR DE GX7N GX7N K. 545 101 30 0620 6879 = 91892 40783 14341 ... 37461 47184 =100= 36846 CFM NIL QRU? K	CW + Baudot ITA2 50/500	(AB)
M42b	6776	30-5	0620	Sat	VVV GX7N GX7N GX7N DE TIGR TIGR K. 302 100 30 0620 4521 = 25617 78291 28712 ... 76540 75643 65 CFM NIL K SK Incomplete message	CW + Baudot ITA2 50/500	(AB)
M42b	6776	31-5	0620	Sun	VVV GX7N GX7N GX7N DE TIGR TIGR K 634 104 31 0620 3097 = 64575 87566 43125 ... 31246 98769 =100= 74565 76857 68755 32756 CFM NIL K	CW	(AB)
M42b	5897	31-5	0620	Sun	TIGR TIGR TIGR DE GX7N GX7N K 550 101 0620 91892 40783 14341 ... 37461 47184 =100= 36846 -0623 CFM NIL QRU? K	CW	(AB)
M51b	3881	20-5	1415	Wed	Non-stop 5-character stream composed of M51a messages //6825 kHz	CW	(AB)
M51b	6825	20-5	1415	Wed	Non-stop 5-character stream composed of M51a messages //3881 kHz	CW	(AB)
M89	6874	1-5	1027	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	8157	1-5	1027	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	8350	1-5	1030	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	7620	1-5	1030	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	5691	1-5	1035	Fri	V HFL2 (x3) DE M6NY (x2) //10383	CW	(JPL)
M89	4192	1-5	1035	Fri	V 2B7D (x3) DE 3GR1 (x2) //4489 sending different roundslip	CW	(JPL)
M89	10383	1-5	1035	Fri	V 2B7D (x3) DE 3GR1 (x2) //5691 sending different roundslip	CW	(JPL)
M89	4870	1-5	1045	Fri	V M8JF (x3) DE RIS9 (x2) //8157 and 6874 and 3238	CW	(JPL)
M89	6874	1-5	1045	Fri	V M8JF (x3) DE RIS9 (x2) //8157 and 4870 and 3238	CW	(JPL)
M89	3238	1-5	1045	Fri	V M8JF (x3) DE RIS9 (x2) //8157 and 6874 and 4870	CW	(JPL)
M89	8157	1-5	1045	Fri	V M8JF (x3) DE RIS9 (x2) //6874 and 4870 and 3238	CW	(JPL)
M89	8290	1-5	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8360	CW	(JPL)
M89	6840	1-5	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 8290 and 8360	CW	(JPL)
M89	8360	1-5	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8290	CW	(JPL)
M89	4860	1-5	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
M89	8350	1-5	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	7620	1-5	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	4489	1-5	1818	Fri	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	5640	1-5	1820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840	CW	(JPL)
M89	4860	1-5	1820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5940 and 6840	CW	(JPL)
M89	6840	1-5	1820	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640	CW	(JPL)

M89	3238	9-5	1200	Sat	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	9-5	1200	Sat	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4489	9-5	1203	Sat	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	4192	9-5	1203	Sat	V HFL2 (x3) DE M6NY (x2) //4489 sending different roundslip. Experiencing technical issues.	CW	(JPL)
M89	4898	9-5	1556	Sat	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	6840	9-5	2320	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 8290 and 8360	CW	(JPL)
M89	8290	9-5	2320	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8360	CW	(JPL)
M89	4860	9-5	2320	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
M89	8360	9-5	2320	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8290	CW	(JPL)
M89	5691	9-5	2323	Sat	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	7620	9-5	2330	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	9-5	2330	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4860	11-5	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 and 8290 and 8360	CW	(JPL)
M89	8290	11-5	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8360	CW	(JPL)
M89	8390	11-5	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 6840 and 8290	CW	(JPL)
M89	6840	11-5	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 8290 and 8360	CW	(JPL)
M89	8350	11-5	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	7620	11-5	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	4870	11-5	1201	Mon	V M8JF (x3) DE RIS9 (x2)	CW	(JPL)
M89	4870	11-5	1656	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	11-5	1656	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	3238	11-5	1933	Mon	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	11-5	1933	Mon	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4489	11-5	1936	Mon	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	4192	11-5	1936	Mon	V HFL2 (x3) DE M6NY (x2) //4489 sending different roundslip	CW	(JPL)
M89	8157	15-5	0704	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	6874	15-5	0704	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	4870	15-5	1739	Fri	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	3238	15-5	1739	Fri	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4192	15-5	1741	Fri	V 2B7D (x3) DE 3GR1 (x2) //4489 sending different roundslip	CW	(JPL)
M89	4489	15-5	1741	Fri	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	6874	16-5	0942	Sat	V M8JF (x3) DE RIS9 (x2) //8157 kHz	CW	(F5JBR)
M89	8157	16-5	1124	Sat	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	6874	16-5	1124	Sat	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)
M89	4870	22-5	1155	Fri	V M8JF (x3) DE RIS9 (x2) //6874 and 3238	CW	(JPL)
M89	3238	22-5	1155	Fri	V M8JF (x3) DE RIS9 (x2) //6874 and 4870	CW	(JPL)
M89	6874	22-5	1155	Fri	V M8JF (x3) DE RIS9 (x2) //4870 and 3238	CW	(JPL)
M89	4192	22-5	1159	Fri	V 2B7D (x3) DE 3GR1 (x2) //4489 sending different roundslip	CW	(JPL)
M89	4489	22-5	1159	Fri	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	6874	22-5	2320	Fri	V M8JF (x3) DE RIS9 (x2) //8157	CW	(JPL)

M89	8157	22-5	2320	Fri	V M8JF (x3) DE RIS9 (x2) //6874	CW	(JPL)
M89	4898	22-5	2323	Fri	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	5691	22-5	2327	Fri	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	8350	22-5	2330	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	7620	22-5	2330	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	3238	23-5	1156	Sat	V M8JF (x3) DE RIS9 (x2) //4870	CW	(JPL)
M89	4870	23-5	1156	Sat	V M8JF (x3) DE RIS9 (x2) //3238	CW	(JPL)
M89	4489	23-5	1202	Sat	V HFL2 (x3) DE M6NY (x2) //4192 sending different roundslip	CW	(JPL)
M89	4192	23-5	1202	Sat	V 2B7D (x3) DE 3GR1 (x2) //4489 sending different roundslip	CW	(JPL)
M89	5367	23-5	1209	Sat	V FDLK (x3) DE DKGF (x2)	CW	(JPL)
M89	5367	23-5	2034	Sat	V FDLK (x3) DE DKGF (x2)	CW	(JPL)
M89	4489	23-5	2037	Sat	V HFL2 (x3) DE M6NY (x2)	CW	(JPL)
M89	7515	26-5	1150	Tue	i.p. QSA 1 QSY 02 CHAN K K. QSY 00. 1. K K GA GA AGN AGN QSY 02 CHAN K K VVV	CW	(JPL)
M89	6226	26-5	1159	Tue	i.p. 74AD 567D 45TU 354T T7N6 ...	CW	(JPL)
M89	5512	26-5	1205	Tue	i.p. 26 2003 RMKS 5314 TO 5330 TO .328 TO 5322 TO 5327 TO 5..0 TO 5313 K. R GA = .6 T7A4 6D3 3T73 7.55 3U7A ...	CW	(JPL)
M89	4866	26-5	1210	Tue	i.p. /X3Y8 AR QSY 7 QSY 7 QSY 7 VVV	CW	(JPL)
M89	4829	26-5	1210	Tue	exercice i.p. 3CB2 DE FT5M K. R QSA 2 QSA ? R IEC = SYJU AR K. R IEC = SYJU AR K. R U WK NR ?	CW	(JPL)
M89	4700	26-5	1211	Tue	i.p. D7NT A7UT DU45 D44NT 743A T65D AD65 ...	CW	(JPL)
M89	4669	26-5	1212	Tue	i.p. R IEC = 5578 AR K. R QSL R QSL 2012 K. R HR 11 K. R SK GB	CW	(JPL)
M89	4576	26-5	1214	Tue	i.p. QSY 9 QSY 9 QSY 9 VVV K	CW	(JPL)
M89	4556	26-5	1220	Tue	i.p. FF AMTTB AMTTB FF .1B2/K3.4 AR VVV A.TB AMTTB ATTB FF NR 1/EX 0800 = A1B2/C3N4 AR	CW	(JPL)
M89	3882	26-5	1225	Tue	i.p. D4AU NAAD U7A5 3N5A 633A 6T4T 35N7 ...	CW	(JPL)
M89	4554	26-5	1229	Tue	i.p. D4UT 6T36 3D4A 67UN ...	CW	(JPL)
M89	4985	26-5	1251	Tue	i.p. R 1P 01W = N6TA U7U6 7UNA 75NA 3UTD 7TNT NDTU 5UA3 TAAD ATTU ...	CW	(JPL)
M89	5064	26-5	1253	Tue	i.p. 5U35 6U46 III = .T7D U7NT 5TUA D76N ...	CW	(JPL)
M89	5512	26-5	1256	Tue	i.p. 7A6A 7UU3 .NU 4533 DTTD ...	CW	(JPL)
M95	10722	1-5	1048	Fri	V YHDX (x3) DE SAQC (x2)	CW	(JPL)
M95	8156	1-5	1050	Fri	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)
M95	8073	1-5	1136	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0358 CK 189 35 0501 1626 = TTA 3U6 3AN 3U7 TAU 773 353 363 4TD NN3 ... //4364	CW	(JPL)
M95	4364	1-5	1136	Fri	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0358 CK 189 35 0501 1626 = TTA 3U6 3AN 3U7 TAU 773 353 363 4TD NN3 ... //8073	CW	(JPL)
M95	9054	1-5	1143	Fri	Messages //4243	CW	(JPL)
M95	4243	1-5	1143	Fri	Messages //9054	CW	(JPL)
M95	3968	1-5	1807	Fri	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	1-5	1807	Fri	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4131	1-5	1809	Fri	V JKDJ (x3) DE SLBC (x2)	CW	(JPL)

M95	4364	9-5	1137	Sat	V BNGC (x3) DE XSV85 (x2) NR 0374 CK 166 35 0509 1617 = TTN 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	8073	9-5	1137	Sat	V BNGC (x3) DE XSV85 (x2) NR 0374 CK 166 35 0509 1617 = TTN 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	4243	9-5	1151	Sat	VV HR MSG TO YR PSE CY NR 075 CK 62 35 0509 1612 = 5AA UTT TTN 3U6 3A4 ... //9054	CW	(JPL)
M95	9054	9-5	1151	Sat	VV HR MSG TO YR PSE CY NR 075 CK 62 35 0509 1612 = 5AA UTT TTN 3U6 3A4 ... //4243	CW	(JPL)
M95	5479	9-5	1208	Sat	V YHDX (x3) DE SAQC (x2)	CW	(JPL)
M95	5177	9-5	1212	Sat	V FDLK (x3) DE DKGF (x2) Replaces JKDJ DE SLBC	CW	(JPL)
M95	4131	9-5	1531	Sat	V FDLK (x3) DE DKGF (x2) //4886 Replaces JKDJ DE SLBC	CW	(JPL)
M95	4886	9-5	1531	Sat	V FDLK (x3) DE DKGF (x2) Replaces JKDJ DE SLBC //4131	CW	(JPL)
M95	6936	9-5	1534	Sat	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3968	9-5	1534	Sat	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	4243	9-5	2351	Sat	VV HR MSG TO YR PSE CY NR 02. CK 15 35 0510 0618 = UT5 TAT 3U4 3A4 TTA ...	CW	(JPL)
M95	8073	11-5	1137	Mon	V BNGC (x3) DE XSV85 (x2) A HR MSG PSE CY NR 0378 CK 181 35 0511 1608 = TAA 3U6 3AN 3U7 ... //4364	CW	(JPL)
M95	4364	11-5	1137	Mon	V BNGC (x3) DE XSV85 (x2) A HR MSG PSE CY NR 0378 CK 181 35 0511 1608 = TAA 3U6 3AN 3U7 ... //8073	CW	(JPL)
M95	4243	11-5	1150	Mon	VV HR MSG TO YR PSE CY NR 079 CK 47 35 0511 1527 = 5AA UTT TAA 3U6 ... //9054	CW	(JPL)
M95	9054	11-5	1150	Mon	VV HR MSG TO YR PSE CY NR 079 CK 47 35 0511 1527 = 5AA UTT TAA 3U6 ... //4243	CW	(JPL)
M95	3968	11-5	1655	Mon	V YHDX (x3) DE SAQC (x2)	CW	(JPL)
M95	5479	15-5	0701	Fri	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	15-5	0701	Fri	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5367	15-5	1600	Fri	FDLK de DKGF V	CW	(F5JBR)
M95	3968	15-5	1735	Fri	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	15-5	1735	Fri	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5479	16-5	1122	Sat	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	16-5	1122	Sat	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	3968	16-5	1637	Sat	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	16-5	1637	Sat	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	9054	18-5	1152	Mon	VV HR MSG TO YR PSE CY NR 093 CK 68 35 0518 1528 = 5AA UTT TAD 3U6 7TA ... //4243	CW	(JPL)
M95	4243	18-5	1152	Mon	VV HR MSG TO YR PSE CY NR 093 CK 68 35 0518 1528 = 5AA UTT TAD 3U6 7TA ... //9054	CW	(JPL)
M95	5479	18-5	1208	Mon	V YHDX (x3) DE SAQC (x2)	CW	(JPL)
M95	8073	22-5	1141	Fri	V BNGC (x3) DE XSV85 (x2) A HR MSG PSE CY NR 0412 CK 349 35 0522 1617 = //4364	CW	(JPL)
M95	4364	22-5	1141	Fri	V BNGC (x3) DE XSV85 (x2) A HR MSG PSE CY NR 0412 CK 349 35 0522 1617 = //8073	CW	(JPL)
M95	4243	22-5	1148	Fri	VV HR MSG TO YR PSE CY NR 002 CK 31 35 0522 1545 = 5AA UTT TUU 3U6 3A4 ... //9054	CW	(JPL)
M95	9054	22-5	1148	Fri	VV HR MSG TO YR PSE CY NR 002 CK 31 35 0522 1545 = 5AA UTT TUU 3U6 3A4 ... //4243	CW	(JPL)
M95	10722	22-5	1205	Fri	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5479	22-5	1205	Fri	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	3968	22-5	2317	Fri	V YHDX (x3) DE SAQC (x2)	CW	(JPL)
M95	6936	22-5	2317	Fri	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4243	22-5	2347	Fri	VV HR 7G TO YR PSE CY NR 057 CK 25 35 0523 0613 = UT5 TU3 3U4 3A4 TTA ... //9054	CW	(JPL)
M95	9054	22-5	2347	Fri	VV HR 7G TO YR PSE CY NR 057 CK 25 35 0523 0613 = UT5 TU3 3U4 3A4 TTA ... //4243	CW	(JPL)

M95	4364	23-5	1142	Sat	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0414 CK 297 35 0523 0548 = TU3 3U6 3AN 3U7 TAU ...	CW	(JPL)
M95	4243	23-5	1150	Sat	VV HR MSG TO YR PSE CY NR 059 CK 31 35 0523 1612 = UT5 TU3 3U6 3A4 TTA ...	CW	(JPL)
M95	10722	23-5	1205	Sat	V YHDX (x3) DE SAQC (x2) //5419	CW	(JPL)
M95	5479	23-5	1205	Sat	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	3968	23-5	2033	Sat	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	23-5	2033	Sat	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	8073	26-5	1137	Tue	BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0421 CK 194 35 0526 1602 = TU6 3U6 3AN 3U7 TAU ...	CW	(JPL)
M95	5600	26-5	1257	Tue	i.p. 7G NR .95 F CK K 7G NR 0.5/CK CKM E 7G GA MSG GA NR 095/CCK CK DA ..F 004 RMKS	CW	(JPL)
M95	5367	28-5	2201	Thu	V FDLK (x3) DE DKGf (x2)	CW	(JPL)
MX	5466	1-5	1905	Fri	Beacon V under M01b	CW	(HFD)
MX	5466	1-5	1930	Fri	Beacon V	CW	(AB)
MX	5094	7-5	1826	Thu	Beacon V	CW	(AB)
MX	5154.4	13-5	1557	Wed	Beacon M, Magadan	CW	(AB-J)
MX	5094	16-5	1933	Sat	Beacon V	CW	(AB)
MX	5153.9	16-5	1934	Sat	Beacon S, Sevoromorsk	CW	(AB)
MX	4558.1	16-5	1934	Sat	Beacon A, Astrakhan	CW	(AB)
MX	5153.7	16-5	1934	Sat	Beacon D, Sevastopol	CW	(AB)
MX	5154.1	16-5	1934	Sat	Beacon A, Astrakhan	CW	(AB)
MX	7508.7	16-5	1937	Sat	Beacon D, Sevastopol	CW	(AB)
MX	7508.9	16-5	1937	Sat	Beacon S, Sevoromorsk	CW	(AB)
MX	7508.8	16-5	1937	Sat	Beacon P, Kaliningrad	CW	(AB)
MX	7509.1	16-5	1937	Sat	Beacon A, Astrakhan	CW	(AB)
MX	7039.9	16-5	1940	Sat	Beacon M, Magadan	CW	(AB)
MX	9884	17-5	0726	Sun	Beacon C	CW	(F5JBR)
MX	4557.8	20-5	0444	Wed	Beacon P, Kaliningrad	CW	(F5JBR)
MX	16331.7	23-5	1156	Sat	Beacon D, Sevastopol	CW	(AB)
P03d	9150	4-5	1100	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	4-5	1105	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	7-5	1100	Thu	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	7-5	1105	Thu	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	11-5	1100	Mon	Polish intel.	QPSK 125Bd/448bp	(AB/MPJ)
P03d	9150	11-5	1105	Mon	Polish intel.	QPSK 125Bd/448bp	(AB/MPJ)
P03d	9150	14-5	1100	Thu	Polish intel.	QPSK 125Bd/448bp	(AB/MPJ)
P03d	9150	14-5	1105	Thu	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	18-5	1100	Mon	Polish intel.	QPSK 125Bd/448bp	(AB/MPJ)
P03d	9150	18-5	1105	Mon	Polish intel.	QPSK 125Bd/448bp	(AB/MPJ)
P03d	9150	21-5	1100	Thu	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	21-5	1105	Thu	Polish intel.	QPSK 125Bd/448bp	(AB)

P03d	9150	25-5	1100	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	25-5	1105	Mon	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	28-5	1100	Thu	Polish intel.	QPSK 125Bd/448bp	(AB)
P03d	9150	28-5	1105	Thu	Polish intel.	QPSK 125Bd/448bp	(AB)
P03e	14415	1-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	1-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	3-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	3-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	5-5	1725	Tue	Polish intel.	QPSK 100Bd/488	(AB)
P03e	5149	5-5	1730	Tue	Polish intel.	QPSK 100Bd/488	(AB)
P03e	14415	8-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	8-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	10-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	10-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	12-5	1725	Tue	Polish intel.	QPSK 100Bd/488	(AB)
P03e	5149	12-5	1730	Tue	Polish intel.	QPSK 100Bd/488	(AB)
P03e	14415	15-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	15-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	17-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/RL)
P03e	14415	17-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	19-5	1725	Tue	Polish intel.	QPSK 100Bd/488	(AB)
P03e	5149	19-5	1730	Tue	Polish intel.	QPSK 100Bd/488	(AB)
P03e	14415	22-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	22-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	24-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	24-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	24-5	1725	Sun	Polish intel.	QPSK 100Bd/488	(AB)
P03e	5149	24-5	1730	Sun	Polish intel.	QPSK 100Bd/488	(AB)
P03e	5149	26-5	1725	Tue	Polish intel.	QPSK 100Bd/488	(AB)
P03e	5149	26-5	1730	Tue	Polish intel.	QPSK 100Bd/488	(AB)
P03e	14415	29-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	29-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	31-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	31-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	31-5	1725	Sun	Polish intel.	QPSK 100Bd/488	(AB/MPJ)
P03e	5149	31-5	1730	Sun	Polish intel.	QPSK 100Bd/488	(AB/MPJ)
P03f	13537	4-5	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	4-5	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	6-5	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	6-5	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)

P03f	13537	11-5	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	11-5	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	13-5	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	13-5	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	18-5	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	18-5	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	20-5	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	20-5	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	25-5	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	25-5	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	27-5	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	27-5	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03i	5082	1-5	1200	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	5082	1-5	1205	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	5082	6-5	1200	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	6-5	1205	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	8-5	1200	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	5082	8-5	1205	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	5082	13-5	1200	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	13-5	1205	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	15-5	1200	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	15-5	1205	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	20-5	1200	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	20-5	1205	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	22-5	1200	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	5082	22-5	1205	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	5082	27-5	1200	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	27-5	1205	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	29-5	1200	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5082	29-5	1205	Fri	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03j	16335	6-5	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	16335	6-5	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	16335	8-5	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	8-5	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	13-5	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	13-5	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	15-5	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	15-5	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	20-5	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	20-5	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)

P03j	16335	22-5	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	22-5	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	27-5	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	27-5	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	29-5	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	29-5	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03k	6940	1-5	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	1-5	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	1-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	1-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	1-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	1-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	2-5	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	2-5	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	2-5	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	5409	2-5	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	4242	2-5	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	2-5	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	2-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	2-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	3-5	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	3-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	3-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	3-5	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	3-5	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5409	3-5	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12835	3-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12835	3-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	3-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	3-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	4-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	4-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	4-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	4-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4242	6-5	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	6-5	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	8-5	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	8-5	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	8-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	8-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	5779	8-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	8-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	9-5	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	9-5	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	9-5	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	9-5	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	9-5	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	9-5	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	9-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	9-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	10-5	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	10-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	10-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	10-5	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	10-5	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	10-5	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12835	10-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12835	10-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	10-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	10-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	11-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	11-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	11-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	11-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4242	13-5	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	13-5	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	13-5	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	13-5	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	15-5	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	15-5	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	15-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	15-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	15-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	15-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	16-5	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	16-5	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	16-5	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	16-5	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	16-5	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	16-5	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	16125	16-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	16-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	17-5	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	17-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	17-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	17-5	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	17-5	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	17-5	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12835	17-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12835	17-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	17-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	17-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	18-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	18-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	18-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	18-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4242	20-5	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	20-5	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	20-5	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	20-5	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6940	22-5	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	22-5	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	22-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	22-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	22-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	22-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	23-5	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	23-5	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	23-5	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	23-5	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	23-5	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	23-5	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	23-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	23-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	24-5	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	24-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	24-5	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	24-5	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12835	24-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12835	24-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	9130	24-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	24-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	25-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	25-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	25-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	25-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	26-5	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	26-5	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	27-5	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4242	27-5	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	27-5	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	27-5	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	29-5	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	29-5	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	29-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	29-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	29-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	5779	29-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	6304	30-5	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	30-5	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	30-5	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	5409	30-5	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	16125	30-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	30-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	31-5	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	31-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	31-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	31-5	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	31-5	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5409	31-5	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12835	31-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12835	31-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	31-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	31-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03I	5409	2-5	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	2-5	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	3-5	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	3-5	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	3-5	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	3-5	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)

P03I	8597	6-5	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	6-5	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5409	9-5	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	9-5	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	10-5	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	10-5	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	10-5	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	10-5	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	13-5	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	13-5	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	16-5	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	16-5	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	17-5	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	17-5	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	17-5	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	17-5	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	20-5	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	20-5	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	23-5	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	23-5	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	24-5	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	24-5	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	24-5	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	24-5	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	27-5	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	27-5	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	30-5	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	30-5	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	31-5	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5409	31-5	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	31-5	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	31-5	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
Q26	8073	1-5	1132	Fri	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	1-5	1132	Fri	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	1-5	1150	Fri	VV HR MSG TO YR PSE CY NR 02 CK 1 TT 3U6 3A... AR 7G AGN ... //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	1-5	1150	Fri	VV HR MSG TO YR PSE CY NR 02 CK 1 TT 3U6 3A... AR 7G AGN ... //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	9-5	1134	Sat	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	9-5	1134	Sat	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	9-5	1143	Sat	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	9-5	1143	Sat	Messages //4253	4+4 QPSK 75/3000 LSB	(JPL)

Q26	4243	9-5	2343	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	11-5	1133	Mon	XSV85 sending message //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	11-5	1133	Mon	XSV85 sending message //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	11-5	1142	Mon	Message //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	11-5	1142	Mon	Message //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	18-5	1146	Mon	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	18-5	1146	Mon	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	22-5	1133	Fri	XSV85 sending messages to BNGC //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	22-5	1133	Fri	XSV85 sending messages to BNGC //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	22-5	1142	Fri	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	22-5	1142	Fri	Messages //4343	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	22-5	2342	Fri	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	22-5	2342	Fri	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	23-5	1137	Sat	XSV85 sending messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	23-5	1148	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	10239	26-5	1142	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL)
S06	9336	1-5	1900	Fri	452 452 452 00000	USB	(HFD)
S06	7315	1-5	2000	Fri	452 452 452 00000	USB	(HFD)
S06	17475	15-5	0830	Fri	842 509 31 26248 ...	USB	(HFD-RUS)
S06	14736	15-5	0930	Fri	842 509 31 26248 ...	USB	(HFD-RUS)
S06	9336	15-5	1900	Fri	452 761 59 20169 96297 94922 ... 03650 96668 84234761 59 00000	USB	(AB/MPJ)
S06	7315	15-5	2000	Fri	452 761 59 20169 96297 94922 ... 03650 96668 84234761 59 00000	USB	(AB)
S06	9336	16-5	1900	Sat	452 761 59 20169 96297 94922 ... 03650 96668 84234761 59 00000	USB	(AB)
S06	7315	16-5	2000	Sat	452 761 59 20169 96297 94922 ... 03650 96668 84234761 59 00000	USB	(AB)
S06s	10290	1-5	0830	Fri	156 984 7 17301 88554 82045 46717 24042 75956 31670 984 7 00000	USB	(AB/HFD)
S06s	9655	1-5	0840	Fri	156 984 7 17301 88554 82045 46717 24042 75956 31670 984 7 00000	USB	(AB/HFD)
S06s	6844	1-5	0900	Fri	239 814 5 15009 34140 78386 91497 82963 814 5 00000	USB	(AB/HFD)
S06s	7161	1-5	0910	Fri	239 814 5 15009 34140 78386 91497 82963 814 5 00000	USB	(AB/HFD)
S06s	12460	2-5	0800	Sat	132 468 5 42676 03732 96319 30647 67269 468 5 00000	USB	(AB/HFD)
S06s	10250	2-5	0810	Sat	132 468 5 42676 03732 96319 30647 67269 468 5 00000	USB	(AB/HFD)
S06s	16320	4-5	0630	Mon	462 581 7 46062 68772 97478 39685 30485 96632 52537 581 7 00000	USB	(AB-GRC/HFD-I)
S06s	14875	4-5	0640	Mon	462 581 7 46062 68772 97478 39685 30485 96632 52537 581 7 00000	USB	(AB-GRC/HFD-I)
S06s	8221	4-5	0830	Mon	764 283 5 21767 53672 11834 81022 36903 283 5 00000	USB	(AB/HFD)
S06s	9353	4-5	0840	Mon	764 283 5 21767 53672 11834 81022 36903 283 5 00000	USB	(AB/HFD)
S06s	16380	4-5	0900	Mon	232 594 6 05899 50387 45847 23013 89758 52343 594 6 00000	USB	(AB-RUS)
S06s	14835	4-5	0900	Mon	232 594 6 05899 50387 45847 23013 89758 52343 594 6 00000	USB	(AB-RUS)
S06s	10230	4-5	1200	Mon	149 275 6 24236 84028 82278 06280 25826 15911 275 6 00000	USB	(AB/MPJ)
S06s	12165	4-5	1210	Mon	149 275 6 24236 84028 82278 06280 25826 15911 275 6 00000	USB	(AB/MPJ)
S06s	15945	5-5	0600	Tue	438 592 6 91943 58456 74439 59317 44671 77973 592 6 00000	USB	(AB-FIN/HFD-I)
S06s	16945	5-5	0610	Tue	438 592 6 91943 58456 74439 59317 44671 77973 592 6 00000	USB	(AB-FIN/HFD-I)

S06s	5430	5-5	0700	Tue	452 870 6 46692 63034 96502 00040 35152 59388 870 6 00000	USB	(AB-POL/HFD)
S06s	6780	5-5	0710	Tue	452 870 6 46692 63034 96502 00040 35152 59388 870 6 00000	USB	(AB/HFD)
S06s	7365	5-5	0730	Tue	427 960 5 58158 25028 58905 63224 29562 960 5 00000	USB	(AB/HFD)
S06s	11655	5-5	0740	Tue	427 960 5 58158 25028 58905 63224 29562 960 5 00000	USB	(AB/HFD)
S06s	14373	5-5	0800	Tue	127 963 5 75909 68049 36457 63466 37246 963 5 00000	USB	(AB/HFD)
S06s	14373	5-5	0800	Tue	127-963/5=75909	USB	(HFD)
S06s	12935	5-5	0810	Tue	127 963 5 75909 68049 36457 63466 37246 963 5 00000	USB	(AB/HFD)
S06s	4820	5-5	1000	Tue	427 980 5 77212 71844 50663 85412 77278 980 5 00000	USB	(AB-POL/HFD-POL)
S06s	5660	5-5	1010	Tue	427 980 5 77212 71844 50663 85412 77278 980 5 00000	USB	(AB-POL/HFD-POL)
S06s	6810	5-5	1100	Tue	265 984 7 32683 51837 33375 05064 88562 92440 64585 984 7 00000	USB	(AB-FIN/MPJ-POL/HFD-POL)
S06s	7560	5-5	1110	Tue	265 984 7 32683 51837 33375 05064 88562 92440 64585 984 7 00000	USB	(AB-FIN/MPJ-POL)
S06s	6766	5-5	1500	Tue	914 860 5 69782 05599 02821 05947 90463 860 5 00000	USB	(AB-CZE/MPJ-HOL/HFD)
S06s	7744	5-5	1510	Tue	914 860 5 69782 05599 02821 05947 90463 860 5 00000	USB	(AB/MPJ-HOL/HFD)
S06s	11535	6-5	0730	Wed	172 436 5 80744 86200 84706 42227 61736 436 5 00000	USB	(AB/HFD)
S06s	14977	6-5	0740	Wed	172 436 5 80744 86200 84706 42227 61736 436 5 00000	USB	(AB/HFD)
S06s	11565	6-5	0830	Wed	464 237 5 81413 94073 83531 94063 63156 237 5 00000	USB	(AB/HFD)
S06s	12560	6-5	0840	Wed	464 237 5 81413 94073 83531 94063 63156 237 5 00000	USB	(AB/HFD)
S06s	14580	6-5	1000	Wed	276 913 5 96320 36793 53038 76342 23175 913 5 00000	USB	(AB/HFD)
S06s	16020	6-5	1010	Wed	276 913 5 96320 36793 53038 76342 23175 913 5 00000	USB	(AB/HFD)
S06s	9255	7-5	0930	Thu	698 234 5 52401 63919 92699 14600 74248 234 5 00000	USB	(AB/HFD)
S06s	10325	7-5	0940	Thu	698 234 5 52401 63919 92699 14600 74248 234 5 00000	USB	(AB/HFD)
S06s	13145	7-5	1200	Thu	175 432 6 33796 13577 74526 46647 79302 25616 432 6 00000	USB	(AB/MPJ/HFD)
S06s	14535	7-5	1210	Thu	175 432 6 33796 13577 74526 46647 79302 25616 432 6 00000	USB	(AB/MPJ/HFD)
S06s	10290	8-5	0830	Fri	156 984 7 17301 88554 82045 46717 24042 75956 31670 984 7 00000	USB	(AB)
S06s	9655	8-5	0840	Fri	156 984 7 17301 88554 82045 46717 24042 75956 31670 984 7 00000	USB	(AB)
S06s	6844	8-5	0900	Fri	239 814 5 15009 34140 78386 91497 82963 814 5 00000	USB	(AB)
S06s	7161	8-5	0910	Fri	239 814 5 15009 34140 78386 91497 82963 814 5 00000	USB	(AB)
S06s	16320	11-5	0630	Mon	462 581 7 46062 68772 97478 39685 30485 96632 52537 581 7 00000	USB	(AB)
S06s	14875	11-5	0640	Mon	462 581 7 46062 68772 97478 39685 30485 96632 52537 581 7 00000	USB	(AB)
S06s	8221	11-5	0830	Mon	764 283 5 21767 53672 11834 81022 36903 283 5 00000	USB	(AB)
S06s	9353	11-5	0840	Mon	764 283 5 21767 53672 11834 81022 36903 283 5 00000	USB	(AB)
S06s	14835	11-5	0900	Mon	232 594 6 05899 50387 45847 23013 89758 52343 594 6 00000	USB	(AB/HFD)
S06s	16380	11-5	0900	Mon	232 594 6 05899 50387 45847 23013 89758 52343 594 6 00000	USB	(AB/HFD)
S06s	10230	11-5	1200	Mon	149 275 6 24236 84028 82278 06280 25826 15911 275 6 00000	USB	(AB/MPJ)
S06s	12165	11-5	1210	Mon	149 275 6 24236 84028 82278 06280 25826 15911 275 6 00000	USB	(AB/MPJ)
S06s	15945	12-5	0600	Tue	438 592 6 91943 58456 74439 59317 44671 77973 592 6 00000	USB	(AB-FIN)
S06s	16945	12-5	0610	Tue	438 592 6 91943 58456 74439 59317 44671 77973 592 6 00000	USB	(AB-FIN)
S06s	5430	12-5	0700	Tue	452 870 6 46692 63034 96502 00040 35152 59388 870 6 00000	USB	(AB-POL)

S06s	6780	12-5	0710	Tue	452 870 6 46692 63034 96502 00040 35152 59388 870 6 00000	USB	(AB)
S06s	7365	12-5	0730	Tue	427 960 5 58158 25028 58905 63224 29562 960 5 00000	USB	(AB-POL)
S06s	11655	12-5	0740	Tue	427 960 5 58158 25028 58905 63224 29562 960 5 00000	USB	(AB)
S06s	14373	12-5	0800	Tue	127 963 5 75909 68049 36457 63466 37246 963 5 00000	USB	(AB)
S06s	12935	12-5	0810	Tue	127 963 5 75909 68049 36457 63466 37246 963 5 00000	USB	(AB)
S06s	4820	12-5	1000	Tue	427 980 5 77212 71844 50663 85412 77278 980 5 00000	USB	(AB-POL)
S06s	5660	12-5	1010	Tue	427 980 5 77212 71844 50663 85412 77278 980 5 00000	USB	(AB-POL)
S06s	6810	12-5	1100	Tue	265 984 7 32683 51837 33375 05064 88562 92440 64585 984 7 00000	USB	(AB/MPJ/HFD)
S06s	7560	12-5	1110	Tue	265 984 7 32683 51837 33375 05064 88562 92440 64585 984 7 00000	USB	(AB/MPJ/HFD)
S06s	6766	12-5	1500	Tue	914 860 5 69782 05599 02821 05947 90463 860 5 00000	USB	(MPJ)
S06s	7744	12-5	1510	Tue	914 860 5 69782 05599 02821 05947 90463 860 5 00000	USB	(MPJ)
S06s	11535	13-5	0730	Wed	172 436 5 80744 86200 84706 42227 61736 436 5 00000	USB	(AB)
S06s	14977	13-5	0740	Wed	172 436 5 80744 86200 84706 42227 61736 436 5 00000	USB	(AB)
S06s	11565	13-5	0830	Wed	464 237 5 81413 94073 83531 94063 63156 237 5 00000	USB	(AB)
S06s	12560	13-5	0840	Wed	464 237 5 81413 94073 83531 94063 63156 237 5 00000	USB	(AB)
S06s	14580	13-5	1000	Wed	276 913 5 96320 36793 53038 76342 23175 913 5 00000	USB	(AB)
S06s	16020	13-5	1010	Wed	276 913 5 96320 36793 53038 76342 23175 913 5 00000	USB	(AB)
S06s	9255	14-5	0933	Thu	698 234 5 52401 63919 92699 14600 74248 234 5 00000 Late start	USB	(AB)
S06s	10325	14-5	0940	Thu	698 234 5 52401 63919 92699 14600 74248 234 5 00000	USB	(AB)
S06s	13145	14-5	1200	Thu	175 432 6 33796 13577 74526 46647 79302 25616 432 6 00000	USB	(AB/MPJ)
S06s	14535	14-5	1210	Thu	175 432 6 33796 13577 74526 46647 79302 25616 432 6 00000	USB	(AB/MPJ)
S06s	10290	15-5	0830	Fri	156 849 7 46062 68672 97478 39685 30485 96632 52537 849 7 00000	USB	(AB)
S06s	9655	15-5	0840	Fri	156 849 7 46062 68672 97478 39685 30485 96632 52537 849 7 00000	USB	(AB)
S06s	6844	15-5	0900	Fri	239 416 5 88620 58069 67132 74537 57440 416 5 00000	USB	(AB)
S06s	7161	15-5	0910	Fri	239 416 5 88620 58069 67132 74537 57440 416 5 00000	USB	(AB)
S06s	16320	18-5	0630	Mon	462 817 5 88620 58069 61732 74537 57440 817 5 00000	USB	(AB)
S06s	14875	18-5	0640	Mon	462 817 5 88620 58069 61732 74537 57440 817 5 00000	USB	(AB)
S06s	8221	18-5	0830	Mon	764 210 5 39534 17228 15636 47890 23247 210 5 00000	USB	(AB)
S06s	9353	18-5	0840	Mon	764 210 5 39534 17228 15636 47890 23247 210 5 00000	USB	(AB)
S06s	16380	18-5	0900	Mon	232 460 5 50128 99477 83574 48874 94031 460 5 00000	USB	(AB)
S06s	14835	18-5	0900	Mon	232 460 5 50128 99477 83574 48874 94031 460 5 00000	USB	(AB)
S06s	10230	18-5	1200	Mon	149 230 5 81413 94073 83531 94063 63156 230 5 00000	USB	(AB/MPJ)
S06s	12165	18-5	1210	Mon	149 230 5 81413 94073 83531 94063 63156 230 5 00000	USB	(AB/MPJ)
S06s	15945	19-5	0600	Tue	438 219 5 48115 24151 51802 23807 15521 219 5 00000	USB	(AB)
S06s	16945	19-5	0610	Tue	438 219 5 48115 24151 51802 23807 15521 219 5 00000	USB	(AB)
S06s	5430	19-5	0700	Tue	452 938 6 18283 10094 73140 16277 43912 76162 938 6 00000	USB	(AB-POL)
S06s	6780	19-5	0710	Tue	452 938 6 18283 10094 73140 16277 43912 76162 938 6 00000	USB	(AB)
S06s	7365	19-5	0730	Tue	427 806 5 75717 80332 65125 57051 43690 806 5 00000	USB	(AB)
S06s	11655	19-5	0740	Tue	427 806 5 75717 80332 65125 57051 43690 806 5 00000	USB	(AB)
S06s	14373	19-5	0800	Tue	127 890 5 91943 58456 74439 59317 77454 890 0 00000	USB	(AB)

S06s	12935	19-5	0810	Tue	127 890 5 91943 58456 74439 59317 77454 890 0 00000	USB	(AB)
S06s	4820	19-5	1000	Tue	427 906 5 39534 17228 15636 47891 23247 906 5 00000	USB	(AB-POL)
S06s	5660	19-5	1010	Tue	427 906 5 39534 17228 15636 47891 23247 906 5 00000	USB	(AB)
S06s	6810	19-5	1100	Tue	265 418 7 11171 64385 82707 06123 22536 88280 84116 418 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	7560	19-5	1110	Tue	265 418 7 11171 64385 82707 06123 22536 88280 84116 418 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	6766	19-5	1500	Tue	914 203 5 88620 58069 61732 74537 57440 203 5 00000	USB	(AB/MPJ)
S06s	7744	19-5	1510	Tue	914 203 5 88620 58069 61732 74537 57440 203 5 00000	USB	(AB/MPJ)
S06s	11535	20-5	0730	Wed	172 943 5 64664 83673 24367 38606 17301 943 5 00000	USB	(AB)
S06s	14977	20-5	0740	Wed	172 943 5 64664 83673 24367 38606 17301 943 5 00000	USB	(AB)
S06s	11565	20-5	0830	Wed	464 913 5 00974 23766 87879 50100 03109 913 5 00000	USB	(AB)
S06s	12560	20-5	0840	Wed	464 913 5 00974 23766 87879 50100 03109 913 5 00000	USB	(AB)
S06s	14580	20-5	1000	Wed	276 498 5 31614 03339 92756 97184 67603 498 5 00000	USB	(AB)
S06s	16020	20-5	1010	Wed	276 498 5 31614 03339 92756 97184 67603 498 5 00000	USB	(AB)
S06s	9255	21-5	0930	Thu	698 230 5 49301 00194 05454 15758 74290 230 5 00000	USB	(AB)
S06s	10325	21-5	0940	Thu	698 230 5 49301 00194 05454 15758 74290 230 5 00000	USB	(AB)
S06s	13145	21-5	1200	Thu	175 840 6 15577 34020 27466 50913 18221 04774 840 6 00000	USB	(AB/MPJ)
S06s	14535	21-5	1210	Thu	175 840 6 15577 34020 27466 50913 18221 04774 840 6 00000	USB	(AB/MPJ)
S06s	10290	22-5	0830	Fri	156 849 7 46062 68672 97478 39685 30485 96632 52537 849 7 00000	USB	(AB)
S06s	9655	22-5	0840	Fri	156 849 7 46062 68672 97478 39685 30485 96632 52537 849 7 00000	USB	(AB)
S06s	6844	22-5	0900	Fri	239 416 5 88620 58069 67132 74537 57440 416 5 00000	USB	(AB)
S06s	7161	22-5	0910	Fri	239 416 5 88620 58069 67132 74537 57440 416 5 00000	USB	(AB)
S06s	16320	25-5	0630	Mon	462 817 5 88620 58069 61732 74537 57440 817 5 00000	USB	(AB)
S06s	14875	25-5	0640	Mon	462 817 5 88620 58069 61732 74537 57440 817 5 00000	USB	(AB)
S06s	8221	25-5	0830	Mon	764 210 5 39534 17228 15636 47890 23247 210 5 00000	USB	(AB)
S06s	9353	25-5	0840	Mon	764 210 5 39534 17228 15636 47890 23247 210 5 00000	USB	(AB)
S06s	16380	25-5	0900	Mon	232 460 5 50128 99477 83574 48874 94031 460 5 00000	USB	(AB)
S06s	14835	25-5	0900	Mon	232 460 5 50128 99477 83574 48874 94031 460 5 00000	USB	(AB)
S06s	10230	25-5	1200	Mon	149 230 5 81413 94073 83531 94063 63156 230 5 00000	USB	(AB/MPJ)
S06s	12165	25-5	1210	Mon	149 230 5 81413 94073 83531 94063 63156 230 5 00000	USB	(AB/MPJ)
S06s	15945	26-5	0600	Tue	438 219 5 48115 24151 51802 23807 15521 219 5 00000	USB	(AB)
S06s	16945	26-5	0610	Tue	438 219 5 48115 24151 51802 23807 15521 219 5 00000	USB	(AB)
S06s	5430	26-5	0700	Tue	452 938 6 18283 10094 73140 16277 43912 76162 938 6 00000	USB	(AB-POL)
S06s	6780	26-5	0710	Tue	452 938 6 18283 10094 73140 16277 43912 76162 938 6 00000	USB	(AB)
S06s	7365	26-5	0730	Tue	427 806 5 75717 80332 65125 57051 43690 806 5 00000	USB	(AB)
S06s	11655	26-5	0740	Tue	427 806 5 75717 80332 65125 57051 43690 806 5 00000	USB	(AB)
S06s	14373	26-5	0800	Tue	127 890 5 91943 58456 74439 59317 77454 890 0 00000	USB	(AB)
S06s	12935	26-5	0810	Tue	127 890 5 91943 58456 74439 59317 77454 890 0 00000	USB	(AB)
S06s	4820	26-5	1000	Tue	427 906 5 39534 17228 15636 47891 23247 906 5 00000	USB	(AB-POL)
S06s	5660	26-5	1010	Tue	427 906 5 39534 17228 15636 47891 23247 906 5 00000	USB	(AB-POL)
S06s	6810	26-5	1100	Tue	265 418 7 11171 64385 82707 06123 22536 88280 84116 418 7 00000	USB	(AB-POL/MPJ)

S06s	7560	26-5	1110	Tue	265 418 7 11171 64385 82707 06123 22536 88280 84116 418 7 00000	USB	(AB-POL/MPJ)
S06s	6766	26-5	1500	Tue	914 203 5 88620 58069 61732 74537 57440 203 5 00000	USB	(AB/MPJ)
S06s	7744	26-5	1510	Tue	914 203 5 88620 58069 61732 74537 57440 203 5 00000	USB	(AB/MPJ)
S06s	11535	27-5	0730	Wed	172 943 5 64664 83673 24367 38606 17301 943 5 00000	USB	(AB)
S06s	14977	27-5	0740	Wed	172 943 5 64664 83673 24367 38606 17301 943 5 00000	USB	(AB)
S06s	11565	27-5	0830	Wed	464 913 5 00974 23766 87879 50100 03109 913 5 00000	USB	(AB)
S06s	12560	27-5	0840	Wed	464 913 5 00974 23766 87879 50100 03109 913 5 00000	USB	(AB)
S06s	14580	27-5	1000	Wed	276 498 5 31614 03339 92756 97184 67603 498 5 00000	USB	(AB/MPJ)
S06s	16020	27-5	1010	Wed	276 498 5 31614 03339 92756 97184 67603 498 5 00000	USB	(AB/MPJ)
S06s	9255	28-5	0930	Thu	698 230 5 49301 00194 05454 15758 74290 230 5 00000	USB	(AB)
S06s	10325	28-5	0940	Thu	698 230 5 49301 00194 05454 15758 74290 230 5 00000	USB	(AB)
S06s	13145	28-5	1200	Thu	175 840 6 15577 34020 27466 50913 18221 04774 840 6 00000	USB	(AB/MPJ)
S06s	14535	28-5	1210	Thu	175 840 6 15577 34020 27466 50913 18221 04774 840 6 00000	USB	(AB/MPJ)
S06s	10290	29-5	0830	Fri	156 156 156 00000	USB	(AB)
S06s	9655	29-5	0840	Fri	156 156 156 00000	USB	(AB)
S06s	6844	29-5	0900	Fri	239 239 239 00000	USB	(AB)
S06s	7161	29-5	0910	Fri	239 239 239 00000	USB	(AB)
S11a	5082	1-5	0915	Fri	487/00	USB	(AB/HFD)
S11a	6977	1-5	1020	Fri	426/00	USB	(AB/HFD)
S11a	5149	1-5	1100	Fri	379/00	USB	(AB/MPJ/HFD)
S11a	12457	2-5	1850	Sat	287/00	USB	(AB/MPJ/HFD)
S11a	13537	4-5	0510	Mon	655/00	USB	(AB)
S11a	9339	4-5	0700	Mon	470/00	USB	(AB)
S11a	5082	4-5	0915	Mon	487/00	USB	(AB)
S11a	6977	5-5	1020	Tue	425/00	USB	(AB)
S11a	13537	6-5	0510	Wed	656/00	USB	(AB-POL)
S11a	5149	6-5	1100	Wed	371/38 Vnimanaye 86646 78136 41967 ... 29822 26058 32141 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	12457	6-5	1850	Wed	285/37 Vnimanaye 94669 01915 40985 ... 57109 63246 31290 Vnimanaye (message repeated) Konets	USB	(AB/MPJ-HOL)
S11a	9339	7-5	0700	Thu	570/00	USB	(AB/HFD)
S11a	5082	8-5	0915	Fri	483/00	USB	(AB)
S11a	6977	8-5	1020	Fri	420/00	USB	(AB)
S11a	5149	8-5	1100	Fri	371/38 Vnimanaye 86646 78136 41967 ... 29822 26058 32141 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	12457	9-5	1850	Sat	285/37 Vnimanaye 94669 01915 40985 ... 57109 63246 31290 Vnimanaye (message repeated) Konets	USB	(AB/MPJ)
S11a	9339	11-5	0700	Mon	470/31 Vnimanaye 22767 86150 42060 ... 56262 65782 57530 Vnimanaye (message repeated) Konets	USB	(AB)

S11a	5082	11-5	0915	Mon	486/31 Vnimanaye 00625 54673 57753 ... 98256 89193 51176 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	6977	12-5	1020	Tue	426/33 Vnimanaye 29441 04807 72419 ... 15686 88676 84347 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	13537	13-5	0510	Wed	659/39 Vnimanaye 66191 57390 22694 ... 49767 19945 36862 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	13537	13-5	0510	Wed	658/38=68181	USB	(HFD)
S11a	5149	13-5	1100	Wed	372/00	USB	(AB)
S11a	12457	13-5	1850	Wed	282/00	USB	(AB)
S11a	9339	14-5	0700	Thu	470/00	USB	(AB)
S11a	5082	15-5	0915	Fri	486/31 Vnimanaye 00625 54673 57753 ... 98256 89193 51176 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	6977	15-5	1020	Fri	426/33 Vnimanaye 29441 04807 72419 ... 15686 88676 84347 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	5149	15-5	1100	Fri	378/00	USB	(AB/MPJ)
S11a	12457	16-5	1850	Sat	282/00	USB	(AB/MPJ)
S11a	13537	18-5	0510	Mon	650/00	USB	(AB)
S11a	9339	18-5	0700	Mon	472/00	USB	(AB)
S11a	5082	18-5	0915	Mon	485/00	USB	(AB)
S11a	6977	19-5	1020	Tue	422/00	USB	(AB/MPJ)
S11a	13537	20-5	0510	Wed	655/00	USB	(AB-POL)
S11a	5149	20-5	1100	Wed	379/00	USB	(AB)
S11a	12457	20-5	1850	Wed	288/00	USB	(AB/MPJ)
S11a	9339	21-5	0700	Thu	476/00	USB	(AB)
S11a	5082	22-5	0915	Fri	482/00	USB	(AB)
S11a	6977	22-5	1020	Fri	425/00	USB	(AB)
S11a	5149	22-5	1100	Fri	371/00	USB	(AB)
S11a	12457	23-5	1850	Sat	288/00	USB	(AB/MPJ)
S11a	13537	25-5	0510	Mon	651/00	USB	(AB)
S11a	9339	25-5	0700	Mon	478/00	USB	(AB)
S11a	15720	25-5	0715	Mon	387/00	USB	(AB)
S11a	6977	26-5	1020	Tue	428/00	USB	(MPJ)
S11a	13537	27-5	0510	Wed	659/00	USB	(AB-POL)
S11a	5149	27-5	1100	Wed	376/00	USB	(AB/MPJ)
S11a	12457	27-5	1850	Wed	286/00	USB	(AB-POL/MPJ)
S11a	9339	28-5	0700	Thu	475/00	USB	(AB)
S11a	5082	29-5	0915	Fri	482/00	USB	(AB)
S11a	6977	29-5	1020	Fri	424/00	USB	(AB)
S11a	5149	29-5	1100	Fri	376/00	USB	(AB)
S11a	12457	30-5	1850	Sat	284/00	USB	(AB/MPJ)

S30	5448	19-5	1422	Tue	Pip channel marker	USB	(AB)
S32	5474	19-5	1422	Tue	Squeaky Wheel channel marker	USB	(AB)
UM10	6870	15-5	0715	Fri	10-minutes net: 3S4A	CW	(JPL-CHN)
UM10	6870	16-5	0945	Sat	10-minutes net: 3S4A	CW	(F5JBR-J)
UM10	5734	16-5	1010	Sat	10-minutes net: D5TV	CW	(F5JBR-J)
UM10	4224	16-5	1643	Sat	10-minutes net: WF3A	CW	(JPL-RUS)
UM10	3958	16-5	1649	Sat	10-minutes net: JZWG	CW	(JPL-RUS)
UM10	4224	18-5	1144	Mon	10-minutes net: WF3A	CW	(JPL-HK)
UM10	3958	26-5	1223	Tue	10-minute net: JZWG	CW	(JPL-HK)
V07	13521	3-5	0300	Sun	514 514 514 1 8481 96 59339 43943 39582 ... 30965 25013 000 000	USB	(Dan)
V07	13521	10-5	0300	Sun	514 514 514 000	USB	(Dan)
V07	13521	24-5	0300	Sun	514 514 514 1 9492 48 9492 48 42428 24608 12486 80759 ... 91910 31691 000 000	USB	(Dan-USA)
V07	12121	24-5	0320	Sun	514 514 514 1 9492 48 9492 48 42428 24608 12486 80759 ... 91910 31691 000 000	USB	(Dan-USA)
V24	6310	1-5	1530	Fri	K-popsong followed by a message in Korean	AM	(AB-J)
V24	6310	8-5	1530	Fri	K-popsong followed by a message in Korean	AM	(AB-J)
V24	5115	11-5	1600	Mon	Song followed by a message in Korean	AM	(AB-J)
V24	5115	13-5	1600	Wed	Popsong followed by a message in Korean	AM	(AB-J)
V24	5715	19-5	1500	Tue	K-popsong followed by a message in Korean	AM	(AB-J)
V26	8073	1-5	1130	Fri	Callup in Chinese //4364	USB	(JPL)
V26	4364	1-5	1130	Fri	Callup in Chinese //8073	USB	(JPL)
V26	9054	1-5	1234	Fri	Voice transmission. Repeating Q26 and M95 messages //4243	USB	(JPL)
V26	4243	1-5	1234	Fri	Voice transmission. Repeating Q26 and M95 messages //9054	USB	(JPL)
V26	4243	9-5	2357	Sat	Voice transmission. Repeating Q26/M95 messages	USB	(JPL)
V26	4364	22-5	1130	Fri	XSV85 clg BNGC. Chinese voice //8073	USB	(JPL)
V26	8073	22-5	1130	Fri	XSV85 clg BNGC. Chinese voice //4364	USB	(JPL)
V26	9054	22-5	2340	Fri	Callup in Chinese //4243	USB	(JPL)
V26	4243	22-5	2340	Fri	Callup in Chinese //9054	USB	(JPL)
V28	4494	11-5	2206	Mon	Parrot. Message in Korean	AM	(HK)
X06	11030	15-5	0844	Fri	MFA Moscow clg 324615: Russian Embassy Madrid	MFSK-6	(DMS)
X06	14570	15-5	0854	Fri	MFA Moscow clg 324615: Russian Embassy Madrid. Harmonic on 14517 kHz	MFSK-6	(DMS)
X06	16219	15-5	0909	Fri	MFA Moscow clg 324615: Russian Embassy Madrid	MFSK-6	(DMS)
X06	16135	15-5	0909	Fri	MFA Moscow clg 324615: Russian Embassy Madrid	MFSK-6	(DMS)
X06	13556	15-5	0916	Fri	MFA Moscow clg 324615: Russian Embassy Madrid	MFSK-6	(DMS)
X06	14934	17-5	0816	Sun	MFA Moscow clg 351264: Russian Embassy Abu Dhabi	MFSK-6	(DMS)
X06	12100	18-5	0534	Mon	2-tones	MFSK-6	(DMS)
X06	11638	18-5	0653	Mon	unid sequence	MFSK-6	(DMS)
X06	12133	18-5	0728	Mon	MFA Moscow clg 263514	MFSK-6	(DMS)
X06	12199	18-5	0814	Mon	i.p. MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AB/DMS)
X06	14570	18-5	0919	Mon	MFA Moscow clg 324615: Russian Embassy Madrid	MFSK-6	(DMS)
X06	12153	19-5	0802	Tue	MFA Moscow clg unknown (just caught end)	MFSK-6	(DMS)

X06	16276	21-5	0710	Thu	MFA Moscow clg 314265 Russian embassy Antananarivo	MFSK-6	(DMS)
X06	12195	22-5	0754	Fri	Two tones	MFSK-6	(DMS)
X06	12177	22-5	0827	Fri	MFA Moscow clg 356412 Russian embassy Berlin	MFSK-6	(DMS)
X06	13940	25-5	0723	Mon	MFA Moscow clg 156234 Russian embassy Kampala	MFSK-6	(DMS)
X06	17475	25-5	0825	Mon	MFA Moscow clg 156234 Russian embassy Kampala	MFSK-6	(DMS)
X06	12177	25-5	1300	Mon	MFA Moscow clg 364152 Russian embassy New Delhi	MFSK-6	(DMS)
X06	13420	26-5	0808	Tue	MFA Moscow clg 534216 Russian embassy Baghdad	MFSK-6	(DMS)
X06	17444	27-5	0729	Wed	MFA Moscow clg 435621 Russian embassy Maputo	MFSK-6	(DMS)
X06	16116	27-5	0903	Wed	MFA Moscow clg 134265 Russian embassy Tunis	MFSK-6	(DMS)
X06	18660	27-5	1159	Wed	MFA Moscow clg 621543 Russian embassy Lisbon	MFSK-6	(DMS)
X06b	13376	6-5	1957	Wed	Sequence 111666	MFSK-6	(Dan)
X06b	14372	13-5	1753	Wed	Sequence 111666 before E07	MFSK-6	(AB)
X06b	13529	16-5	1039	Sat	Sequence 111666 before XPB1	MFSK-6	(AB)
X06b	14429	16-5	1043	Sat	Sequence 111666 before XPB1	MFSK-6	(AB)
X06b	14429	16-5	1055	Sat	Sequence 111666 before XPB1	MFSK-6	(AB)
X06b	13529	16-5	1055	Sat	Sequence 111666 before XPB1	MFSK-6	(AB)
X06b	10276	16-5	1129	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	11576	16-5	1130	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	12176	16-5	1131	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	10276	16-5	1134	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	10276	16-5	1135	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	11576	16-5	1137	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	11576	16-5	1138	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	11576	16-5	1139	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	12176	16-5	1140	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	12176	16-5	1141	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	12176	16-5	1145	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	12176	16-5	1146	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	11576	16-5	1150	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	12176	16-5	1153	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	12176	16-5	1154	Sat	Sequence 111666 before E07	MFSK-6	(AB)
X06b	13376	17-5	1954	Sun	Sequence: 111666	MFSK-6	(Dan)
XPA1	11169	5-5	0710	Tue	214 214 214 000 06787 00001 00000 40266	MFSK-20/10Bd	(AB/HFD)
XPA1	12179	5-5	0730	Tue	214 214 214 000 06787 00001 00000 40266	MFSK-20/10Bd	(AB/HFD)
XPA1	13431	5-5	0750	Tue	214 214 214 000 06787 00001 00000 40266	MFSK-20/10Bd	(AB/HFD)
XPA1	11169	7-5	0710	Thu	214 214 214 000 03024 00001 00000 33255	MFSK-20/10Bd	(AB)
XPA1	12179	7-5	0730	Thu	214 214 214 000 03024 00001 00000 33255	MFSK-20/10Bd	(AB)
XPA1	13431	7-5	0750	Thu	214 214 214 000 03024 00001 00000 33255	MFSK-20/10Bd	(AB)
XPA1	11169	12-5	0710	Tue	214 214 214 000 09253 00001 00000 33666	MFSK-20/10Bd	(AB)
XPA1	12179	12-5	0730	Tue	214 214 214 000 09253 00001 00000 33666	MFSK-20/10Bd	(AB)

XPA1	13431	12-5	0750	Tue	214 214 214 000 09253 00001 00000 33666	MFSK-20/10Bd	(AB)
XPA1	11169	14-5	0710	Thu	214 214 214 000 09177 00001 00000 35270	MFSK-20/10Bd	(AB)
XPA1	12179	14-5	0730	Thu	214 214 214 000 09177 00001 00000 35270	MFSK-20/10Bd	(AB)
XPA1	13431	14-5	0750	Thu	214 214 214 000 09177 00001 00000 35270	MFSK-20/10Bd	(AB)
XPA1	11169	19-5	0710	Tue	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	12179	19-5	0730	Tue	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	13431	19-5	0750	Tue	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	11169	21-5	0710	Thu	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	12179	21-5	0730	Thu	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	13431	21-5	0750	Thu	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	11169	26-5	0710	Tue	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	12179	26-5	0730	Tue	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	13431	26-5	0750	Tue	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	11169	28-5	0710	Thu	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	12179	28-5	0730	Thu	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA1	13431	28-5	0750	Thu	214 214 214 1 08898 00190 32252 ... 39757 42824 30673	MFSK-20/10Bd	(AB)
XPA2	12124	1-5	2100	Fri	Message	MFSK-16/20bd	(HFD)
XPA2	11124	1-5	2120	Fri	Message	MFSK-16/20bd	(HFD)
XPA2	10624	1-5	2140	Fri	Message	MFSK-16/20bd	(HFD)
XPA2	14794	2-5	0910	Sat	03558 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	13994	2-5	0930	Sat	03558 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	12194	2-5	0950	Sat	03558 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	15938	2-5	1500	Sat	00490 00268 27876 ... 53177 94231 16777	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14538	2-5	1520	Sat	00490 00268 27876 ... 53177 94231 16777	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13438	2-5	1540	Sat	00490 00268 27876 ... 53177 94231 16777	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13376	3-5	2100	Sun	00279 00166 78864 ... 61413 72306 07604	MFSK-16/20Bd	(AB/Dan/HFD)
XPA2	11576	3-5	2120	Sun	00279 00166 78864 ... 61413 72306 07604	MFSK-16/20Bd	(AB/Dan/HFD)
XPA2	10776	3-5	2140	Sun	00279 00166 78864 ... 61413 72306 07604	MFSK-16/20Bd	(AB/Dan/HFD)
XPA2	12148	4-5	0700	Mon	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB/HFD)
XPA2	13448	4-5	0720	Mon	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB/HFD)
XPA2	13948	4-5	0740	Mon	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB/HFD)
XPA2	17431	4-5	0910	Mon	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20bd	(AB-RUS)
XPA2	15841	4-5	0930	Mon	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20bd	(AB)
XPA2	13934	4-5	0950	Mon	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20bd	(AB)
XPA2	15938	4-5	1500	Mon	07583 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ)
XPA2	14538	4-5	1520	Mon	07583 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	4-5	1540	Mon	07583 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	5-5	1600	Tue	05870 00181 61609 ... 38628 75794 37147	MFSK-16/20Bd	(AB-RUS/MPJ/HFD)
XPA2	14438	5-5	1620	Tue	05870 00181 61609 ... 38628 75794 37147	MFSK-16/20Bd	(AB-FIN/MPJ/HFD)
XPA2	14938	5-5	1640	Tue	05870 00181 61609 ... 38628 75794 37147	MFSK-16/20Bd	(AB-KWT/MPJ/HFD)

XPA2	13376	5-5	2100	Tue	00383 00068 30125 ... 82679 05170 54366	MFSK-16/20Bd	(AB)
XPA2	11576	5-5	2120	Tue	00383 00068 30125 ... 82679 05170 54366	MFSK-16/20Bd	(AB)
XPA2	10776	5-5	2140	Tue	00383 00068 30125 ... 82679 05170 54366	MFSK-16/20Bd	(AB/RL)
XPA2	12148	6-5	0700	Wed	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	13448	6-5	0720	Wed	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	13948	6-5	0740	Wed	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	17431	6-5	0910	Wed	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20bd	(AB-RUS/HFD)
XPA2	15841	6-5	0930	Wed	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20bd	(AB/HFD)
XPA2	13934	6-5	0950	Wed	01112 00099 14884 ... 18875 66174 71704	MFSK-16/20bd	(AB/HFD)
XPA2	12124	6-5	2100	Wed	08445 00054 22633 ... 30904 81155 43360	MFSK-16/29Bd	(AB)
XPA2	11124	6-5	2120	Wed	08445 00054 22633 ... 30904 81155 43360	MFSK-16/29Bd	(AB/Dan)
XPA2	10624	6-5	2140	Wed	08445 00054 22633 ... 30904 81155 43360	MFSK-16/29Bd	(AB/RL)
XPA2	14794	7-5	0910	Thu	00249 00099 50524 ... 66484 95771 35324	MFSK-16/20Bd	(AB)
XPA2	13994	7-5	0930	Thu	00249 00099 50524 ... 66484 95771 35324	MFSK-16/20Bd	(AB)
XPA2	12194	7-5	0950	Thu	00249 00099 50524 ... 66484 95771 35324	MFSK-16/20Bd	(AB)
XPA2	13538	7-5	1600	Thu	05870 00181 61609 ... 38628 75794 37147	MFSK-16/20Bd	(AB/MPJ)
XPA2	14438	7-5	1620	Thu	05870 00181 61609 ... 38628 75794 37147	MFSK-16/20Bd	(AB/MPJ)
XPA2	14938	7-5	1640	Thu	05870 00181 61609 ... 38628 75794 37147	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	8-5	2100	Fri	08445 00054 22633 ... 30904 81155 43360	MFSK-16/29Bd	(AB/RL)
XPA2	11124	8-5	2120	Fri	08445 00054 22633 ... 30904 81155 43360	MFSK-16/29Bd	(AB/RL)
XPA2	10624	8-5	2140	Fri	08445 00054 22633 ... 30904 81155 43360	MFSK-16/29Bd	(AB/RL)
XPA2	14794	9-5	0910	Sat	00249 00099 50524 ... 66484 95771 35324	MFSK-16/20Bd	(AB)
XPA2	13994	9-5	0930	Sat	00249 00099 50524 ... 66484 95771 35324	MFSK-16/20Bd	(AB)
XPA2	12194	9-5	0950	Sat	00249 00099 50524 ... 66484 95771 35324	MFSK-16/20Bd	(AB)
XPA2	15938	9-5	1500	Sat	01790 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	14538	9-5	1520	Sat	01790 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	13438	9-5	1540	Sat	01790 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	13376	10-5	2100	Sun	00383 00068 30125 ... 82679 05170 54366	MFSK-16/20Bd	(AB)
XPA2	11576	10-5	2120	Sun	00383 00068 30125 ... 82679 05170 54366	MFSK-16/20Bd	(AB)
XPA2	10776	10-5	2140	Sun	00383 00068 30125 ... 82679 05170 54366	MFSK-16/20Bd	(AB/RL)
XPA2	12148	11-5	0700	Mon	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	13448	11-5	0720	Mon	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	13948	11-5	0740	Mon	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	17431	11-5	0910	Mon	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	15841	11-5	0930	Mon	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	13934	11-5	0950	Mon	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	15938	11-5	1500	Mon	00583 00237 58612 ... 59450 45808 26335	MFSK-16/20Bd	(AB/MPJ)
XPA2	14538	11-5	1520	Mon	00583 00237 58612 ... 59450 45808 26335	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	11-5	1540	Mon	00583 00237 58612 ... 59450 45808 26335	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	12-5	1600	Tue	03349 00001 00000 37257	MFSK-16/20Bd	(AB-RUS)

XPA2	14438	12-5	1620	Tue	03349 00001 00000 37257	MFSK-16/20Bd	(AB-RUS)
XPA2	14938	12-5	1640	Tue	03349 00001 00000 37257	MFSK-16/20Bd	(AB-RUS)
XPA2	13376	12-5	2100	Tue	00088 00066 38870... 06288 86656 72365	MFSK-16/20Bd	(AB)
XPA2	11576	12-5	2120	Tue	00088 00066 38870... 06288 86656 72365	MFSK-16/20Bd	(AB)
XPA2	10776	12-5	2140	Tue	00088 00066 38870... 06288 86656 72365	MFSK-16/20Bd	(AB)
XPA2	12148	13-5	0700	Wed	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	13448	13-5	0720	Wed	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	13948	13-5	0740	Wed	00336 00090 93165 ... 95266 14753 26226	MFSK-16/20bd	(AB)
XPA2	17431	13-5	0910	Wed	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	15841	13-5	0930	Wed	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	13934	13-5	0950	Wed	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	12124	13-5	2100	Wed	00593 00022 06812 ... 94677 09757 66525	MFSK-16/29Bd	(AB/RL)
XPA2	11124	13-5	2120	Wed	00593 00022 06812 ... 94677 09757 66525	MFSK-16/29Bd	(AB/RL)
XPA2	10624	13-5	2140	Wed	00593 00022 06812 ... 94677 09757 66525	MFSK-16/29Bd	(AB/RL)
XPA2	14794	14-5	0910	Thu	07198 00139 62609 ... 41371 87243 01624	MFSK-16/20Bd	(AB)
XPA2	13994	14-5	0930	Thu	07198 00139 62609 ... 41371 87243 01624	MFSK-16/20Bd	(AB)
XPA2	12194	14-5	0950	Thu	07198 00139 62609 ... 41371 87243 01624	MFSK-16/20Bd	(AB)
XPA2	13538	14-5	1600	Thu	08280 00001 00000 32270	MFSK-16/20Bd	(AB/MPJ)
XPA2	14438	14-5	1620	Thu	08280 00001 00000 32270	MFSK-16/20Bd	(AB/MPJ)
XPA2	14938	14-5	1640	Thu	08280 00001 00000 32270	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	15-5	2100	Fri	00593 00022 06812 ... 94677 09757 66525	MFSK-16/29Bd	(AB)
XPA2	11124	15-5	2120	Fri	00593 00022 06812 ... 94677 09757 66525	MFSK-16/29Bd	(AB)
XPA2	10624	15-5	2140	Fri	00593 00022 06812 ... 94677 09757 66525	MFSK-16/29Bd	(AB)
XPA2	14794	16-5	0910	Sat	07198 00139 62609 ... 41371 87243 01624	MFSK-16/20Bd	(AB)
XPA2	13994	16-5	0930	Sat	07198 00139 62609 ... 41371 87243 01624	MFSK-16/20Bd	(AB)
XPA2	12194	16-5	0950	Sat	07198 00139 62609 ... 41371 87243 01624	MFSK-16/20Bd	(AB)
XPA2	15938	16-5	1500	Sat	00583 00237 58612 ... 59450 45808 26335	MFSK-16/20Bd	(AB/MPJ)
XPA2	14538	16-5	1520	Sat	00583 00237 58612 ... 59450 45808 26335	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	16-5	1540	Sat	00583 00237 58612 ... 59450 45808 26335	MFSK-16/20Bd	(AB/MPJ)
XPA2	13376	17-5	2100	Sun	00088 00066 38860 ... 06188 86656 61365	MFSK-16/20Bd	(AB)
XPA2	11576	17-5	2120	Sun	00088 00066 38860 ... 06188 86656 61365	MFSK-16/20Bd	(AB)
XPA2	10776	17-5	2140	Sun	00088 00066 38860 ... 06188 86656 61365	MFSK-16/20Bd	(AB)
XPA2	12148	18-5	0700	Mon	04903 00001 00000 37244	MFSK-16/20bd	(AB)
XPA2	13448	18-5	0720	Mon	04903 00001 00000 37244	MFSK-16/20bd	(AB)
XPA2	13948	18-5	0740	Mon	04903 00001 00000 37244	MFSK-16/20bd	(AB)
XPA2	17431	18-5	0910	Mon	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	15841	18-5	0930	Mon	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	13934	18-5	0950	Mon	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	15938	18-5	1500	Mon	04135 00001 00000 34257	MFSK-16/20Bd	(AB/MPJ)
XPA2	14538	18-5	1520	Mon	04135 00001 00000 34257	MFSK-16/20Bd	(AB/MPJ)

XPA2	13438	18-5	1540	Mon	04135 00001 00000 34257	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	19-5	1600	Tue	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB)
XPA2	14438	19-5	1620	Tue	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB)
XPA2	14938	19-5	1640	Tue	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB)
XPA2	13376	19-5	2100	Tue	00335 00186 77790 ... 57684 98319 74671	MFSK-16/20Bd	(AB/RL)
XPA2	11576	19-5	2120	Tue	00335 00186 77790 ... 57684 98319 74671	MFSK-16/20Bd	(AB/RL)
XPA2	10776	19-5	2140	Tue	00335 00186 77790 ... 57684 98319 74671	MFSK-16/20Bd	(AB/RL)
XPA2	12148	20-5	0700	Wed	09349 00001 00000 37265	MFSK-16/20bd	(AB)
XPA2	13448	20-5	0720	Wed	09349 00001 00000 37265	MFSK-16/20bd	(AB)
XPA2	13948	20-5	0740	Wed	09349 00001 00000 37265	MFSK-16/20bd	(AB)
XPA2	17431	20-5	0910	Wed	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	15841	20-5	0930	Wed	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	13934	20-5	0950	Wed	00293 00025 42258 ... 15701 27834 20242	MFSK-16/20bd	(AB)
XPA2	16147	20-5	1100	Wed	00332 00170 77803 ... 64522 35861 06020	MFSK-16/20Bd	(AB/MPJ)
XPA2	15847	20-5	1120	Wed	00332 00170 77803 ... 64522 35861 06020	MFSK-16/20Bd	(AB/MPJ)
XPA2	14747	20-5	1140	Wed	00332 00170 77803 ... 64522 35861 06020	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	20-5	2100	Wed	00384 00188 97728 ... 17815 56058 76323	MFSK-16/29Bd	(AB)
XPA2	11124	20-5	2120	Wed	00384 00188 97728 ... 17815 56058 76323	MFSK-16/29Bd	(AB/RL)
XPA2	10624	20-5	2140	Wed	00384 00188 97728 ... 17815 56058 76323	MFSK-16/29Bd	(AB/RL)
XPA2	14794	21-5	0910	Thu	02742 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	13994	21-5	0930	Thu	02742 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	12194	21-5	0950	Thu	02742 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	16147	21-5	1100	Thu	00332 00170 77803 ... 64522 35861 06020	MFSK-16/20Bd	(AB/RL)
XPA2	15847	21-5	1120	Thu	00332 00170 77803 ... 64522 35861 06020	MFSK-16/20Bd	(AB)
XPA2	14747	21-5	1140	Thu	00332 00170 77803 ... 64522 35861 06020	MFSK-16/20Bd	(AB)
XPA2	13538	21-5	1600	Thu	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB/MPJ)
XPA2	14438	21-5	1620	Thu	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB/MPJ)
XPA2	14938	21-5	1640	Thu	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	22-5	2100	Fri	00384 00188 97728 ... 17815 56058 76323	MFSK-16/29Bd	(AB)
XPA2	11124	22-5	2120	Fri	00384 00188 97728 ... 17815 56058 76323	MFSK-16/29Bd	(AB/RL)
XPA2	10624	22-5	2140	Fri	00384 00188 97728 ... 17815 56058 76323	MFSK-16/29Bd	(AB/RL)
XPA2	14794	23-5	0910	Sat	02527 00001 00000 37254	MFSK-16/20Bd	(AB)
XPA2	13994	23-5	0930	Sat	02527 00001 00000 37254	MFSK-16/20Bd	(AB)
XPA2	12194	23-5	0950	Sat	02527 00001 00000 37254	MFSK-16/20Bd	(AB)
XPA2	15938	23-5	1500	Sat	04046 00001 00000 34260	MFSK-16/20Bd	(AB/MPJ)
XPA2	14538	23-5	1520	Sat	04046 00001 00000 34260	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	23-5	1540	Sat	04046 00001 00000 34260	MFSK-16/20Bd	(AB/MPJ)
XPA2	13376	24-5	2100	Sun	00335 00186 77790 ... 57684 98319 74671	MFSK-16/20Bd	(AB/Dan)
XPA2	11576	24-5	2120	Sun	00335 00186 77790 ... 57684 98319 74671	MFSK-16/20Bd	(AB/Dan)
XPA2	10776	24-5	2140	Sun	00335 00186 77790 ... 57684 98319 74671	MFSK-16/20Bd	(AB/Dan)

XPA2	12148	25-5	0700	Mon	02988 00001 00000 41662	MFSK-16/20bd	(AB)
XPA2	13448	25-5	0720	Mon	02988 00001 00000 41662	MFSK-16/20bd	(AB)
XPA2	13948	25-5	0740	Mon	02988 00001 00000 41662	MFSK-16/20bd	(AB)
XPA2	17431	25-5	0910	Mon	08809 00140 15833 ... 89781 49398 70443	MFSK-16/20bd	(AB)
XPA2	15841	25-5	0930	Mon	08809 00140 15833 ... 89781 49398 70443	MFSK-16/20bd	(AB)
XPA2	13934	25-5	0950	Mon	08809 00140 15833 ... 89781 49398 70443	MFSK-16/20bd	(AB)
XPA2	15938	25-5	1500	Mon	00612 00125 53941 78442 ... 25314 72037 04098 36291 07104	MFSK-16/20Bd	(AB/MPJ)
XPA2	14538	25-5	1520	Mon	00612 00125 53941 78442 ... 25314 72037 04098 36291 07104	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	25-5	1540	Mon	00612 00125 53941 78442 ... 25314 72037 04098 36291 07104	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	26-5	1600	Tue	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB)
XPA2	14438	26-5	1620	Tue	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB)
XPA2	14938	26-5	1640	Tue	00154 00310 52393 ... 45522 00008 62225	MFSK-16/20Bd	(AB)
XPA2	13376	26-5	2100	Tue	00278 00098 38629 ... 77518 32796 70271	MFSK-16/20Bd	(AB)
XPA2	11576	26-5	2120	Tue	00278 00098 38629 ... 77518 32796 70271	MFSK-16/20Bd	(AB)
XPA2	10776	26-5	2140	Tue	00278 00098 38629 ... 77518 32796 70271	MFSK-16/20Bd	(AB)
XPA2	12148	27-5	0700	Wed	02734 00001 00000 36655	MFSK-16/20bd	(AB)
XPA2	13448	27-5	0720	Wed	02734 00001 00000 36655	MFSK-16/20bd	(AB)
XPA2	13948	27-5	0740	Wed	02734 00001 00000 36655	MFSK-16/20bd	(AB)
XPA2	17431	27-5	0910	Wed	08809 00140 15833 ... 89781 49398 70443	MFSK-16/20bd	(AB)
XPA2	15841	27-5	0930	Wed	08809 00140 15833 ... 89781 49398 70443	MFSK-16/20bd	(AB)
XPA2	13934	27-5	0950	Wed	08809 00140 15833 ... 89781 49398 70443	MFSK-16/20bd	(AB)
XPA2	16147	27-5	1100	Wed	03545 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	15847	27-5	1120	Wed	03545 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	14747	27-5	1140	Wed	03545 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	12124	27-5	2100	Wed	00491 00066 91150 ... 62995 47880 14031	MFSK-16/29Bd	(AB/RL)
XPA2	11124	27-5	2120	Wed	00491 00066 91150 ... 62995 47880 14031	MFSK-16/29Bd	(AB)
XPA2	10624	27-5	2140	Wed	00491 00066 91150 ... 62995 47880 14031	MFSK-16/29Bd	(AB/RL)
XPA2	14794	28-5	0910	Thu	00544 00078 18025 ... 41288 16221 33456	MFSK-16/20Bd	(AB)
XPA2	13994	28-5	0930	Thu	00544 00078 18025 ... 41288 16221 33456	MFSK-16/20Bd	(AB)
XPA2	12194	28-5	0950	Thu	00544 00078 18025 ... 41288 16221 33456	MFSK-16/20Bd	(AB)
XPA2	16147	28-5	1100	Thu	04581 00001 00000 34264	MFSK-16/20Bd	(AB/MPJ)
XPA2	15847	28-5	1120	Thu	04581 00001 00000 34264	MFSK-16/20Bd	(AB/MPJ)
XPA2	14747	28-5	1140	Thu	04581 00001 00000 34264	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	28-5	1600	Thu	05530 00001 00000 33660	MFSK-16/20Bd	(AB)
XPA2	14438	28-5	1620	Thu	05530 00001 00000 33660	MFSK-16/20Bd	(AB)
XPA2	14938	28-5	1640	Thu	05530 00001 00000 33660	MFSK-16/20Bd	(AB)
XPA2	12124	29-5	2100	Fri	00491 00066 91150 ... 62995 47880 14031	MFSK-16/29Bd	(AB)
XPA2	11124	29-5	2120	Fri	00491 00066 91150 ... 62995 47880 14031	MFSK-16/29Bd	(AB)
XPA2	10624	29-5	2140	Fri	00491 00066 91150 ... 62995 47880 14031	MFSK-16/29Bd	(AB)
XPA2	14794	30-5	0910	Sat	00544 00078 18025 ... 41288 16221 33456	MFSK-16/20Bd	(AB)

XPA2	13994	30-5	0930	Sat	00544 00078 18025 ... 41288 16221 33456	MFSK-16/20Bd	(AB)
XPA2	12194	30-5	0950	Sat	00544 00078 18025 ... 41288 16221 33456	MFSK-16/20Bd	(AB)
XPA2	15938	30-5	1500	Sat	00612 00125 53941 ... 04098 36291 07104	MFSK-16/20Bd	(AB)
XPA2	14538	30-5	1520	Sat	00612 00125 53941 ... 04098 36291 07104	MFSK-16/20Bd	(AB)
XPA2	13438	30-5	1540	Sat	00612 00125 53941 ... 04098 36291 07104	MFSK-16/20Bd	(AB)
XPA2	13376	31-5	2100	Sun	00278 00098 38629 ... 77518 32796 70271	MFSK-16/20Bd	(AB/Dan)
XPA2	11576	31-5	2120	Sun	00278 00098 38629 ... 77518 32796 70271	MFSK-16/20Bd	(AB)
XPA2	10776	31-5	2140	Sun	00278 00098 38629 ... 77518 32796 70271	MFSK-16/20Bd	(AB)
XPB1	16329	2-5	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15929	2-5	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14829	2-5	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14429	2-5	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13929	2-5	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13529	2-5	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14852	3-5	1900	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13952	3-5	1910	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12152	3-5	1920	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11152	3-5	1930	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10352	3-5	1940	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9252	3-5	1950	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16329	4-5	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15929	4-5	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14829	4-5	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14429	4-5	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13929	4-5	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13529	4-5	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14852	5-5	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13952	5-5	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12152	5-5	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11152	5-5	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10352	5-5	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9252	5-5	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16329	9-5	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15929	9-5	1210	Sat	Russian intel.	MFSK-16	(AB/PP1)
XPB1	14829	9-5	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14429	9-5	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13929	9-5	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13529	9-5	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14852	10-5	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13952	10-5	1910	Sun	Russian intel.	MFSK-16	(AB)

XPB1	12152	10-5	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11152	10-5	1930	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	10352	10-5	1940	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	9252	10-5	1950	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	16329	11-5	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15929	11-5	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14829	11-5	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14429	11-5	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13929	11-5	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13529	11-5	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14852	12-5	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13952	12-5	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12152	12-5	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11152	12-5	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10352	12-5	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9252	12-5	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16329	16-5	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15929	16-5	1210	Sat	Russian intel.	MFSK-16	(AB/PP1)
XPB1	14829	16-5	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14429	16-5	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13929	16-5	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13529	16-5	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14852	17-5	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13952	17-5	1910	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	12152	17-5	1920	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	11152	17-5	1930	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	10352	17-5	1940	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	9252	17-5	1950	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	16329	18-5	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15929	18-5	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14829	18-5	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14429	18-5	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13929	18-5	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13529	18-5	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14852	19-5	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13952	19-5	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12152	19-5	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11152	19-5	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10352	19-5	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9252	19-5	1950	Tue	Russian intel.	MFSK-16	(AB/RL)

XPB1	16329	23-5	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15929	23-5	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14829	23-5	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14429	23-5	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13929	23-5	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13529	23-5	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14852	24-5	1900	Sun	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13952	24-5	1910	Sun	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12152	24-5	1920	Sun	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11152	24-5	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10352	24-5	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9252	24-5	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13435	25-5	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13935	25-5	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14435	25-5	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14835	25-5	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15935	25-5	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16225	25-5	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16329	25-5	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15929	25-5	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14829	25-5	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14429	25-5	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13929	25-5	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13529	25-5	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14852	26-5	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13952	26-5	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12152	26-5	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11152	26-5	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10352	26-5	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9252	26-5	1950	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	16329	30-5	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15929	30-5	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14829	30-5	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14429	30-5	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13929	30-5	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13529	30-5	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14852	31-5	1900	Sun	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	13952	31-5	1910	Sun	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	12152	31-5	1920	Sun	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	11152	31-5	1930	Sun	Russian intel.	MFSK-16	(AB/MPJ/RL)

XPB1	10352	31-5	1940	Sun	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	9252	31-5	1950	Sun	Russian intel.	MFSK-16	(AB/MPJ/RL)
XSL	8313	14-5	1017	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(RL)

CONTRIBUTORS

AB	Ary Boender, Netherlands	HFD-I	Hans-Friedrich Dumrese via remote rx Italy
AB-CZE	Ary Boender via remote rx Czech Rep.	HFD-J	Hans-Friedrich Dumrese via remote rx Japan
AB-FIN	Ary Boender via remote rx Finland	HFD-KWT	Hans-Friedrich Dumrese via remote rx Kuwait
AB-GRC	Ary Boender via remote rx Greece	HFD-POL	Hans-Friedrich Dumrese via remote rx Poland
AB-J	Ary Boender via remote rx Japan	HFD-QAT	Hans-Friedrich Dumrese via remote rx Qatar
AB-KWT	Ary Boender via remote rx Kuwait	HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
AB-POL	Ary Boender via remote rx Poland	HK	Hiroyuki Komatsubara, Japan
AB-QAT	Ary Boender via remote rx Qatar	JPL	JPL, NB, Canada (and various remote rx)
AB-RUS	Ary Boender via remote rx Russia	JPL-CHN	JPL via remote rx China
AB-VTN	Ary Boender via remote rx Vietnam	JPL-HK	JPL via remote rx Hong Kong
BW3	Barry Williams, AL, USA	MPJ	Jim, SW England
Dan	Daniel LU5EMM, Argentina	MPJ-HNG	Jim via remote rx Hungary
Danix	Danix, Poland	MPJ-HOL	Jim via remote rx Netherlands
Danix-RUS	Danix via remote rx Russia	MPJ-POL	Jim via remote rx Poland
Danix-USA	Danix via remote rx USA	MPJ-RUS	Jim via remote rx Russia
Dan-USA	Daniel LU5EMM via remote rx USA	Mso	Mike Soldevila
DMS	Dave moonlight0551, Sydney, Australia	PP1	Patrice Privat, France
F5JBR	F5JBR André, France	RL	Roberto Landolpho, Brazil
F5JBR-J	F5JBR André via remote rx Japan	RR2	Rich Ray, IL, USA
GHn	Gary Hagermann, UK	WP3	Wolfgang Palmberger
HFD	Hans-Friedrich Dumrese, Germany		

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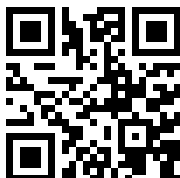
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070 27364 92636 89428 61286 14982 36998 32764 31276 81
086 88932 78987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 78
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98670 27601 56701 57601 73648 1
591 87364 87265 96710 27630 12673 84769 28743 98127 0
0 63298 75698 27465 87326 49876 28376 81273 98615 0
67 87432 74328 78674 29867 32867 67867 86786 43286 43
57 68768 68763 34234 34238 68768 62342 48273 48768 23
436 98432 32432 86743 43286 43286 43286 43286 43286 43
743 86743 86743 39867 32867 86743 43286 43286 43243 86
741 86743 86743 86743 86743 86743 86743 86743 86743 86
843 98798 98754 98754 98754 98754 29867 67543 67986 86
76 87698 69876 87698 69876 87612 12341 34867 86798 66
667 43298 65656 54756 56123 32143 14321 32143 14321 32
98 82787 58765 76587 58765 76587 58765 76587 58756 76
86754 96587 58765 76587 58765 76587 58765 76587 66
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