

27364	92836	69428	61268	74982	46498	32764	31276
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	58765	58765	58765	58765	58765	58765

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #281, February 2021

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

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

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



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FOREWORD

We had it all in February: storm, snow, temperatures from -13 to +18 degrees Celsius, icy roads, rainy days, COVID-19 restrictions and still the much hated lockdown, in short: excellent times for HF monitoring.

It's quite busy with work so without further ado: here is Numbers & Oddities #281.

Enjoy and keep safe !

VOICE STATIONS

E06

17480 kHz, 04-02/05-02, 0600 UTC

20085 kHz, 04-02/05-02, 0700 UTC

702 936 51

87428 68390 69278 72146 80659 40633 71012 39129 04321 95724

16997 54812 77067 58742 66688 67196 13196 83370 74512 53458

98858 76718 32727 33455 01191 88693 37040 91569 46282 45616

73425 04513 26933 32757 49554 92265 26137 55486 19308 34362

67219 33728 73783 18683 26576 09398 97244 14965 69947 71521

11454

936 51 00000

17480 kHz, 18-02/19-02, 0600 UTC

20085 kHz, 18-02/19-02, 0700 UTC

702 841 63

42368 65377 85869 19823 94392 46984 25455 96192 70818 18766

08309 08604 15664 17387 75633 27558 78249 50171 42643 97077

93420 39950 41532 43341 93109 26640 48125 01698 10192 30248

15661 79333 60553 04995 64142 95767 14332 39234 98688 68373

92243 80858 55332 35093 47952 92891 97688 31565 22409 68928

12950 64815 81099 63136 80627 50735 70146 14496 12485 07501

52186 69958 87108

841 63 00000

E07

13368 /12168/11168 kHz, 04-02/06-02, 1410/1430/1450 UTC

745 745 745 1 3358 35 3358 35

48465 34233 75802 79574 79458 36903 29732 75916 95700 96396

58285 15600 71712 31096 65991 75977 65326 38263 47183 30551

59292 41559 84823 97645 28504 78629 50370 81751 47489 01823

44978 03861 10544 68661 13111 000 000

8157/6857/5257 kHz, 08-02/10-02, 2000/2020/2040 UTC

182 182 182 1 190 97 190 97

93809 35532 58175 75296 73656 03253 46619 72736 61355 70971

22357 81931 14255 56611 83136 20287 42060 42435 34918 18185

18156 10780 24069 59859 86638 86144 61146 81058 54060 51085

26734 49951 07868 77677 89996 36067 10501 43570 36454 87733

19775 44105 98310 93101 26291 03794 21557 24032 62573 13508

01510 72584 33691 02353 50465 39427 70902 38821 75577 17173

11010 75903 24213 63838 21961 01843 08449 87086 31094 26766

43169 48899 33620 33390 77878 47004 46862 07350 04788 77619

44805 34885 01391 31461 50317 98089 47873 23864 23272 82992

36536 36376 51358 04217 23877 28534 26382 000 000

15823/16323/18623 kHz, 09-02/12-02, 0700/0720/0740 UTC

836 836 836 1 292 112 292 112
28189 64315 30607 16938 96038 54017 96858 71605 37132 82930
33259 25294 29054 65050 95242 24478 67268 08615 23892 99766
50517 33194 13305 91624 63764 26048 19988 12653 23601 22407
28257 59335 09324 44494 35736 09291 81780 06336 84854 33698
64497 43784 03277 62340 42636 38408 79545 48124 56606 95848
72179 44537 42369 76172 81668 83185 18165 16442 29123 61825
20746 04886 70771 97471 86906 38296 86266 57050 78389 92010
23469 60563 13821 69113 55594 38022 66414 48199 22856 37033
11358 70895 37900 61009 22353 49601 38110 47337 70880 82517
98948 79848 48243 64108 65511 81274 14805 24346 43996 19903
84302 58441 11861 76006 49221 69004 61742 86832 92249 79903
92926 19677 000 000

13368 /12168/11168 kHz, 18-02/20-02, 1410/1430/1450 UTC

745 745 745 1 341 35 341 35
86957 75295 02055 92613 34924 88731 69610 61505 82165 93552
21253 91152 03615 58589 54747 09920 80795 20851 82756 46194
63456 30829 60644 54291 07417 15290 12515 50858 95606 98084
80206 85168 96612 06595 56809 000 000

11464/10764/9264 kHz, 20-02, 1400/1420/1440 UTC

472 472 472 1 185 124 185 124
58610 02342 93491 71480 67553 48229 08224 65605 93701 64178
89827 42814 54095 33699 12988 82917 12498 53014 69767 30852
30601 48591 99194 37136 28146 53680 02930 61010 40230 51715
79989 75522 46116 51942 77948 23065 62683 22658 59457 24384
98684 34341 29056 99294 19879 07275 78561 13135 81682 23952
91402 50473 82988 28023 96960 20469 26879 02567 82328 47442
77474 71486 98811 80226 56855 03506 99173 65950 88477 57567
84745 60245 78006 42223 01101 92238 70424 13636 32125 84884
25815 50396 04217 81002 42538 19775 28067 45965 66314 19438
50679 09612 41218 72159 38770 37509 70038 66436 78270 10683
94227 55391 14671 72332 62414 24717 08485 21432 15181 08022
66388 09473 99892 55798 41608 57022 28874 53223 08774 92097
83632 52872 53034 62875 000 000

9326/10426/11526 kHz, 21-02, 0700/0720/0740 UTC

345 345 345 1 185 124 185 124
58610 02342 93491 71480 67553 48229 08224 65605 93701 64178
89827 42814 54095 33699 12988 82917 12498 53014 69767 30852
30601 48591 99194 37136 28146 53680 02930 61010 40230 51715
79989 75522 46116 51942 77948 23065 62683 22658 59457 24384
98684 34341 29056 99294 19679 07275 78561 13135 81682 23952
91402 50473 82988 28923 96960 20469 26879 02567 82328 47442
77474 71486 98811 80226 56855 03506 99173 65950 88477 57567
84745 60245 78006 42223 01101 92238 79524 13636 32125 84884
25815 50396 04217 81002 42538 19775 28067 45965 66314 19438
50679 09612 41218 72159 38770 37509 70038 66436 78270 10683
94227 55391 14671 72332 62414 24717 08485 21432 15181 08022
66388 09473 99892 55798 41608 57022 28874 53223 08774 92097
83632 52872 53034 62875 000 000

8157/6857/5257 kHz, 22-02/24-01, 2000/2020/2040 UTC

182 182 182 1 115 89 115 89
 99696 31111 21683 94518 18937 12367 29460 70981 12217 77664
 58181 97706 71646 29865 38654 46408 99073 41940 79449 84457
 32925 31971 78649 19945 85368 46450 11853 35380 38970 28346
 65302 73749 31471 93310 85778 74797 68637 28229 90353 84198
 18069 77415 36310 45915 18539 92671 78389 12479 54714 33137
 30177 21710 43149 32994 94595 99172 06333 04714 89471 59980
 83636 76444 55098 50121 53469 32157 33786 83745 40278 78941
 71221 76920 24219 66480 79686 93364 12720 52538 29800 87757
 38713 54494 02806 86667 91059 56788 35035 48698 85542 000 000

15823/16323/18623 kHz, 23-02, 0700/0720/0740 UTC

836 836 836 1 284 76 284 76
 63175 12012 37856 38581 34620 13209 19744 17296 93574 37696
 32437 97748 02330 74285 53459 02686 16680 79029 06707 73249
 98753 51261 66745 98630 30906 18498 19024 73911 25026 90042
 82094 70590 46196 32217 95924 58735 33619 97641 46975 77557
 17838 99648 02720 17959 73072 17122 30970 16283 28316 22711
 81890 86006 55247 73699 37583 76453 16910 76999 91309 31216
 69268 60306 94257 91329 00975 60403 88950 24344 57521 76469
 12129 29881 30793 08661 74773 52068 000 000

E07a**5877/5277/4577 kHz, 24-02, 2100/2120/2140 UTC**

825 825 825 1 62588 338 87 338 87
 21445 79124 90119 85232 12169 25291 30435 39977 68339 11235
 84622 09484 81872 26929 67831 13780 81391 35258 51602 07632
 75284 26382 30538 89129 90021 39039 64801 40922 30189 86308
 53581 90585 34998 29864 62093 94546 62627 39566 27459 73961
 34558 09626 14094 86926 69606 33916 45345 36210 50490 21724
 24483 85899 60978 61557 57229 16288 97382 04915 69780 58266
 01088 25572 24168 95768 62696 24446 13072 17233 23795 25423
 10381 52105 73592 16444 16255 26417 80669 18221 31071 84123
 52830 15623 48184 44286 74879 59598 82538 000 000

5111/5811/6911 kHz, 25-02, 0530/0550/0610 UTC

189 189 189 1 62588 338 87 338 87
 21445 79124 90119 85232 12169 25291 30435 39977 68339 11235
 84622 09484 81872 26929 67831 13780 81391 35258 51602 07632
 75284 26382 30538 89129 90021 39039 64801 40922 30189 86308
 53581 90585 34998 29864 62093 94546 62627 39566 27459 73961
 34558 09626 14094 86926 69606 33916 45345 36210 50490 21724
 24483 85899 60978 61557 57229 16288 97382 04915 69780 58266
 01088 25572 24168 95768 62696 24446 13072 17233 23795 25423
 10381 52105 73592 16444 16255 26417 80669 18221 31071 84123
 52830 15623 48184 44286 74879 59598 82538 000 000

9347/8147/6847 kHz, 26-02, 1610/1630/1650 UTC

318 318 318 1 63699 9360 96 9360 96
 63740 28375 14040 80726 79689 88497 60107 80660 91989 89912
 77202 07563 91666 63467 20582 26653 47950 83839 74735 20814
 54957 98959 29183 43145 62279 43317 50498 26689 69666 70008
 09513 44315 60492 62127 77819 42255 16604 47678 69965 19547
 24449 89151 31462 29238 81401 88789 17932 02254 70358 16660
 98544 96878 34780 84726 99344 64895 81285 23975 58028 66560
 01411 12819 28168 55482 98046 80046 56650 33278 55334 59631
 24130 85274 30473 64829 33641 38960 76455 63780 49205 93185
 20120 49835 99645 87552 10167 39460 33747 72675 50096 33782
 12026 00456 49008 15577 62185 20501 000 000

11053/12153/13553 kHz, 27-02, 0900/0920/0940 UTC

015 015 015 1 63699 9360 96 9360 96
63740 28375 14040 80726 79689 88497 60107 80660 91989 89912
77202 07563 91666 63467 20582 26653 47950 83839 74735 20814
54957 98959 29183 43145 62279 43317 50498 26689 69666 70008
09513 44315 60492 62127 77819 42255 16604 47678 69965 19547
24449 89151 31462 29238 81401 88789 17932 02254 70358 16660
98544 96878 34780 84726 99344 64895 81285 23975 58028 66560
01411 12819 28168 55482 98046 80046 56650 33278 55334 59631
24130 85274 30473 64829 33641 38960 76455 63780 49205 93185
20120 49835 99645 87552 10167 39460 33747 72675 50096 33782
12026 00456 49008 15577 62185 20501 000 000

E11a

14611 kHz, 02-02, 0820 UTC

133/37 Attention
40412 39569 72647 90989 83365 36209 24289 07817 21825 77201
12574 13184 13553 96153 36484 56889 00209 51171 63471 31698
90718 84952 25372 05906 61320 81565 57779 48198 25251 95736
66041 45497 27582 08276 97329 25003 29979
Attention (message repeated) Out

6849 kHz, 05-02/07-02, 1650 UTC

926/37 Attention
88512 80331 16083 32953 23061 05761 03008 73824 16278 86031
37970 39503 40119 08693 36056 76616 67738 53629 23312 92955
40444 34229 98240 68005 52881 45790 54206 65675 91392 26489
63317 35121 96381 66303 56304 53126 70329
Attention (message repeated) Out

10487 kHz, 05-02/07-02, 1910 UTC

614/35 Attention
56005 09451 93642 28254 37171 50158 21822 64340 95359 33326
91082 60892 84990 06503 51946 54822 48216 93953 29109 26239
40837 32722 98895 32877 36144 48483 37694 71487 91768 81362
04516 88276 69375 62228 19739
Attention (message repeated) Out

4505 kHz, 06-02/07-02, 0710 UTC

492/36 Attention
23532 66063 75124 17918 17347 52415 93632 04109 15685 42572
00085 64257 63725 42675 71908 61113 03852 48108 96892 23292
27566 24777 35002 24829 87935 35040 12105 59170 33996 10446
28246 24841 29078 70786 16676 78115
Attention (message repeated) Out

4909 kHz, 08-02, 0450 UTC

5779 kHz, 11-02, 1730 UTC

418/38 Attention
85095 50992 38631 58696 05041 30885 08006 48018 75439 16722
38713 38370 83468 41276 90712 47652 79392 73061 35369 11038
46063 06720 40039 30333 81439 83515 04267 35482 36538 62741
96766 10839 00194 05237 31357 97280 93887 94141
Attention (message repeated) Out

10213 kHz, 08-02, 0745 UTC

5409 kHz, 11-02, 1530 UTC

267/38 Attention

11168 71644 84027 83657 92241 77350 84246 47451 47199 36742
29371 29123 82848 83380 59257 01645 36575 06438 57777 65311
66518 40689 33349 88180 03236 57309 43191 59983 48305 26725
74861 94193 92466 97596 94943 84899 29995 47958

Attention (message repeated) Out

6849 kHz, 08-02/11-02, 1900 UTC

640/36 Attention

97758 47628 91209 12927 77527 36372 56387 69794 53157 31798
37651 41359 39342 85173 46599 25340 12345 83659 26955 24125
60536 08615 84543 52293 47623 41227 89209 16669 72584 40043
37100 24100 30976 58517 17397 49357

Attention (message repeated) Out

13908 kHz, 02-02/11-02, 0745 UTC

220/37 Attention

42319 73945 01596 74476 55980 98502 59208 27980 53795 64941
76718 11545 99143 25925 82362 32455 79299 97743 19123 29702
69961 98801 48096 62629 80201 65315 71284 72910 59165 99203
56635 58562 51107 30543 29091 72988 85597

Attention (message repeated) Out

5344 kHz, 09-02/14-02, 1605 UTC

232/32 Attention

60643 25384 99743 28382 36273 15752 22872 10259 05504 90971
78834 46592 98886 63544 82896 48081 52777 91983 00842 24218
25944 46333 82896 67525 61600 03236 12093 23480 59719 12960
71063 59486

Attention (message repeated) Out

7984 kHz, 15-02, 1045 UTC

698/26 Attention

70445 06600 05519 81383 50354 56645 05364 80232 09271 61181
03898 87503 63025 54652 63470 60662 27608 49177 37878 48173
91523 32389 09407 50120 14045 33562

Attention (message repeated) Out

12924 kHz, 15-02/21-02, 1745 UTC

244/39 Attention

68553 64744 97020 38176 10207 49968 49209 70730 04641 42923
20760 11100 81689 25615 84965 70955 05707 31063 97523 65393
55772 50584 72643 62435 66214 00637 54709 60617 52810 89698
47764 89297 62925 29256 35020 75430 19735 71660 94264

Attention (message repeated) Out

6804 kHz, 16-02/19-02, 0700 UTC

577/39 Attention

96198 80381 12631 71623 69098 04120 64027 88100 27088 66073
84611 51257 21382 60835 52453 50178 93795 90732 19572 93508
86030 13895 83045 28483 95549 72321 93519 11135 24416 54899
97669 66984 34813 53565 64154 59056 53088 47217 78351

Attention (message repeated) Out

8597 kHz, 16-02/19-02, 1000 UTC

308/21 Attention

06244 47479 50051 63927 80179 83778 50559 92999 64067 61287
53964 60322 67384 90059 40656 86181 63728 59781 88335 51884
74980

Attention (message repeated) Out

17378 kHz, 17-02/19-02, 0745 UTC

349/35 Attention

30567 81756 31738 50140 96792 33895 88649 75408 29306 59697
44389 76241 78229 48942 57104 80755 01941 56354 92189 90286
95132 29579 77366 78560 35327 13425 02280 67952 04876 45935
00932 91965 05211 66393 64247

Attention (repeat message) Out

6820 kHz, 19-02/20-02, 0435 UTC

353/32 Attention

87643 16001 49411 07162 37174 58934 79744 18356 21703 00629
09763 33161 60474 22380 88754 27668 65230 99878 28125 57078
54582 95963 58150 13663 81857 88536 50465 72696 12897 39764
20378 26720

Attention (message repeated) Out

11450 kHz, 22-02, 0640 UTC

944/29 Attention

99981 52305 94454 67388 74586 74650 36572 13552 83756 76810
97548 33285 66345 16593 45385 71506 34791 25647 62329 81658
22217 46063 65574 68710 74670 03601 36801 53426 46959

Attention (message repeated)

12424 kHz, 22-02/26-02, 0830 UTC

183/36 Attention

68994 14012 80166 02859 32731 54774 90682 44256 46008 17511
75383 02192 40778 56127 27044 89088 62635 02314 35060 18791
40682 42841 58773 96641 28250 59975 42642 79976 40017 93789
88385 60953 64297 19574 05250 91596

Attention (message repeated) Out

12067 kHz, 22-02/24-02, 0845 UTC

719/32 Attention

47917 34913 69040 67088 39734 06713 38398 57976 80848 45495
53305 69529 74100 18076 93824 95150 95558 20681 38001 91818
42005 92939 06893 26287 12176 21586 71657 67267 43601 26286
61141 12778

Attention (message repeated) Out

8597 kHz, 22-02/24-02, 0900 UTC

532/32 Attention

69431 16745 10020 40612 46640 84263 58251 63532 03549 68653
11333 06679 62029 38807 49173 29257 94033 95926 90479 06231
36140 27419 71447 68760 77300 74797 94505 50264 68819 46665
63882 60442

Attention (message repeated) Out

5082 kHz, 22-02/26-02, 1530 UTC

525/39 Attention

81530 22086 50282 82525 00303 46107 06708 55699 73866 01705
72869 74164 80080 96278 79742 62950 87952 76591 15268 23784
61300 62558 68529 73903 55286 66170 50538 43743 93526 49716
33009 19078 07141 27017 06894 73938 28791 92196 77920

Attention (message repeated) Out

7840 kHz, 23-02/25-02, 0645 UTC

514/30 Attention

89692 25950 74302 12428 33077 56861 84899 26039 38720 10891
92332 20561 79642 02581 16331 43147 23079 03389 12755 44010
74248 81006 61198 37353 28012 78202 95839 87072 43091 47008

Attention (message repeated) Out

9130 kHz, 23-02/26-02, 0715 UTC

630/33 Attention

51963 13149 66734 69442 32964 17403 30781 75916 95145 94435
43813 30300 24444 85828 02231 63293 90104 68681 64095 61142
68581 79318 42353 16239 03392 32144 67303 48979 70583 90329
41249 64257 44409

Attention (message repeated) Out

12089 kHz, 23-02/25-02, 0845 UTC

152/22 Attention

86784 05795 32136 39298 55503 40864 21435 72805 67318 53458
38258 88425 61930 31390 29504 12387 73734 22841 38350 21117
64457 51740

Attention (message repeated) Out

6433 kHz, 23-02/24-02, 1205 UTC

469/31 Attention

19000 23919 49518 94246 55225 40583 40707 73547 73238 29345
36040 04776 54306 83436 13460 65073 54042 18915 64814 80362
99012 98225 45110 64935 64857 77945 61028 46130 41924 90943
68096

Attention (message repeated) Out

13363 kHz, 23-02/27-02, 1345 UTC

910/32 Attention

01674 19138 45017 94802 31187 29237 65842 26645 55309 60000
84636 32903 49436 25394 21073 09834 60381 99914 98402 89342
09860 68065 80666 83758 53993 95322 69692 64301 60763 06414
22142 66436

Attention (message repeated) Out

7469 kHz, 24-02/25-02, 0930 UTC

273/34 Attention

34291 40013 13125 09646 64548 11497 18204 98623 66701 67593
10439 63211 33522 20700 42821 71089 55955 50050 00491 35524
08351 26764 35002 38315 60808 07032 99156 62494 13766 01495
85361 14943 04811 74940

Attention (message repeated) Out

5082 kHz, 24-02/28-02, 1625 UTC

974/34 Attention

43166 63273 84923 05968 45855 04978 44912 16156 59229 63210
94726 92959 71786 27465 44356 54695 75985 89446 85235 55986
39714 91843 54587 93639 92970 24350 61250 31221 11019 73094
78339 00138 61257 19315

Attention (message repeated) Out

4505 kHz, 24-02/27-02, 1705 UTC

396/31 Attention

37141 76618 74314 95554 63556 74661 04777 97257 39501 96668
50088 15651 43808 62538 19508 30564 96763 90573 65783 01197
43639 55393 79102 19053 78259 38313 87695 37841 34150 44208
77804

Attention (message repeated) Out

5149 kHz, 25-02/26-03, 0820 UTC

432/37 Attention

85350 55548 53502 18573 66461 83785 09563 32739 31226 91742
75188 03229 47456 38438 00576 36215 99918 95424 21048 83912
01965 87830 32363 98774 60744 48095 60533 23073 89557 03100
07983 37380 44207 97612 16952 81728 62719

Attention (message repeated) Out

4909 kHz, 27-02/28-02, 0805 UTC

312/39 Attention

16412 50884 81375 48881 18224 97871 36714 83747 01019 89632
01263 58052 89571 27028 71199 75655 12925 41314 15312 77390
44469 29060 83490 57598 66855 99209 99306 11131 58234 14877
21299 62433 71762 27179 88440 55345 83052 48612 21587

Attention (message repeated) Out

4909 kHz, 27-02/28-02, 1930 UTC

360/36 Attention

54666 80495 93918 29086 40725 04071 46381 88152 56448 07141
71380 69640 36877 17914 62369 78250 65439 42885 67242 48935
82101 61955 13092 86866 37420 19722 92305 23843 07260 59243
82280 73102 15915 84536 43600 34922

Attention (message repeated) Out

E17z**11170/9820 kHz, 04-02/11-02, 0800/0810 UTC**

217 459 6 13621 62881 99183 60196 68094 21016 459 6 00000

11170/9820 kHz, 18-02/25-02, 0800/0810 UTC

217 984 5 88569 89617 25757 77159 95225 984 5 00000

G06**4519 kHz, 11-02, 1830 UTC**

271 745 20

67722 90238 75610 59390 17025 69758 92874 08623 41823 17448
76790 27992 01488 00885 14616 12567 33514 53175 37605 60769
745 20 00000

4792 kHz, 12-02, 1930 UTC

436 745 20

67722 90238 75610 59390 17025 69758 92874 08623 41823 17448
76790 27992 01488 00885 14616 12567 33514 53175 37605 60769
745 20 00000

S06**8116 kHz, 06-02, 1300 UTC / 5410 kHz, 06-02, 1330 UTC****10423 kHz, 07-02, 0930 UTC / 8167 kHz, 07-02, 1000 UTC**

480 912 45

13303 85017 16590 36384 51092 13958 39941 74423 34229 30007
67546 19795 69197 29868 40529 18027 92425 68208 21206 48133
41359 58310 86475 50996 72436 47109 34818 96901 58261 82515
56151 54890 61483 28452 43208 78646 87173 43262 04309 72604
93390 46472 76509 47464 91755
912 45 00000

8116 kHz, 13-02, 1300 UTC / 5410 kHz, 13-02, 1330 UTC**10423 kHz, 14-02, 0930 UTC / 8167 kHz, 14-02, 1000 UTC**

480 367 42

84676 22763 63948 35769 95824 79412 98651 94441 68080 27822
77305 23843 95113 08867 73626 67677 92924 75241 15470 32175
64478 75710 14096 73995 85328 87650 23576 55716 55206 60429
13963 73321 22894 94543 02359 17202 33903 47724 14863 70931
67461 66089
367 42 00000

8116 kHz, 20-02, 1300 UTC / 5410 kHz, 20-02, 1330 UTC
10423 kHz, 21-02, 0930 UTC / 8167 kHz, 21-02, 1000 UTC

480 192 44
25052 97700 01827 19382 93471 31816 00691 33721 03136 60191
55235 55110 92008 10140 45365 59541 19197 92539 64453 29592
99312 05121 16999 77299 80729 51842 18973 30942 57563 17214
63791 24926 19009 37644 43254 57917 06973 93248 07056 26795
68612 38242 46045 16619
192 44 00000

8116 kHz, 27-02, 1300 UTC / 5410 kHz, 27-02, 1330 UTC
10423 kHz, 28-02, 0930 UTC / 8167 kHz, 28-02, 1000 UTC

480 365 40
56799 23172 12538 90406 07709 11939 47843 07747 55616 13621
64722 61188 95389 50048 59275 46166 33523 55941 82452 21222
19101 18485 00621 22894 94543 02359 17202 33903 47724 14863
70931 67461 66089 57923 15689 38290 64137 99288 71561 84703
365 40 00000

S06s

S06s oddity copied by Danix

9390 kHz, 03-02, 0830 UTC 172 172 172 00000
9940 kHz, 03-02, 0840 UTC 172 172 172 00000
10380 kHz, 03-02, 0850 UTC 172 172 172 00000
11570 kHz, 03-02, 0900 UTC 172 172 172 00000
12130 kHz, 03-02, 0910 UTC 172 172 172 00000
13540 kHz, 03-02, 0920 UTC 172 172 172 00000

S11a

9050 kHz, 01-02/04-02, 0700 UTC

479/40 Vnimanaye
19336 63838 95895 69131 75552 85753 42318 10832 27613 11289
48313 30371 94721 80004 66363 54213 02575 02172 69928 23245
14070 96931 59254 10196 35707 05592 73029 46822 86062 18498
01886 07505 31193 76956 96584 96021 35502 58312 23910 42865
Vnimanaye (message repeated) Konets

8102 kHz, 02-02/05-02, 1020 UTC

420/32 Vnimanaye
98960 88232 59734 91942 13198 13396 73662 17341 01021 95056
13026 87231 30920 08135 98980 90248 07840 03074 86897 37194
01490 64339 20322 00305 46671 43649 93775 23542 30129 98687
43930 43619
Vnimanaye (message repeated) Konets

9057 kHz, 15-02/17-02, 0510 UTC

652/37 Vnimanaye
44983 88150 49188 14187 65991 86070 45221 73283 36063 76307
16913 24442 99746 87282 49377 48268 96002 74869 42375 64338
59861 61677 66650 99461 22187 19927 67723 59706 34444 02175
59671 37239 10798 74239 82197 80322 44397
Vnimanaye (messgae repeated) Konets

6252 kHz, 15-02/19-02, 0915 UTC

486/33 Vnimanaye
99315 87953 63813 61616 84743 56518 58977 25828 41812 61376
31608 05851 61855 61677 63208 05213 78998 52833 54289 58216
53124 30422 65004 77425 79750 04884 38790 30470 51865 89231
64735 61297 05349
Vnimanaye (message repeated) Konets

11486 kHz, 17-02/20-02, 1850 UTC

285/34 Vnimanije

22796 33673 10238 94179 91949 53537 18389 17882 78663 84231
74102 25021 46783 81098 20781 93057 23309 61184 33795 25362
61256 41618 44012 80405 65680 89218 65610 80799 28076 03296
99466 58852 95228 68531

Vnimanije (message repeated) Konets

13873 kHz, 23-02/25-02, 0920 UTC

383/32 Vnimanije

41690 01979 32533 87310 82721 44987 92852 00587 44806 39983
16550 25835 63819 79329 74347 17905 82153 76059 12244 32356
05907 43398 10099 40510 10789 96132 58499 89394 62839 16711
22210 77176

Vnimanije (message repeated) Konets

5371 kHz, 24-02/26-02, 1135 UTC

373/34 Vnimanije

61490 66503 28267 59937 68317 04236 55777 17712 89854 74886
17383 19233 70322 33208 35302 93674 59127 43886 33650 03765
61854 18371 24565 58379 10189 00233 11537 02663 81104 17355
53433 37558 93772 03921

Vnimanije (message repeated) Konets

V07

15874/14774/13874 kHz, 07-02, 0100/0120/0140 UTC

0120 UTC: stopped after 45 groups

878 878 878 1 272 102 272 102

66127 60123 91209 50464 37002 17429 27956 77385 62712 29738
96282 70857 27209 32944 88222 02714 75922 00816 39640 82711
73330 86288 45294 21121 55157 21870 84390 39955 37266 34291
11961 58422 63372 90984 69966 51104 16327 16769 80791 89309
24570 63190 29554 67922 07609 77241 85123 13969 64837 83148
73177 33440 23165 58845 02017 76239 39194 92024 88551 55456
64782 36024 86455 60370 99818 00669 47461 02443 04690 76714
49420 12700 45118 83308 13452 36702 07806 51438 71208 02213
13093 68560 04715 07915 50974 16018 73732 34621 43563 41131
44669 69438 79110 15138 97650 82814 64220 47709 50524 36722
24778 13767 000 000

15874/14774/13874 kHz, 14-02, 0100/0120/0140 UTC

878 878 878 1 342 104 342 104

57856 97379 12267 80919 36235 06827 05809 27993 06913 06766
13034 90342 29058 64189 95278 76199 87634 37606 64850 76531
18442 76098 92698 54289 24769 51363 27326 02549 40021 23662
04502 42006 67683 38424 28273 07080 21821 81077 34371 06284
01284 94656 99351 31621 37932 87008 27121 01725 45273 45795
27918 73854 05149 57933 40249 26076 49926 64553 19571 91899
31894 94531 28137 76829 71992 44347 82736 92954 59578 61855
92645 01739 69072 45066 32224 46750 02461 92775 87782 25953
25213 03542 50834 34854 07889 38081 76282 99478 51611 50609
29379 10587 24355 62351 95092 78847 79771 38732 11551 67145
20714 37319 66970 21347 000 000

15874/14774/13874 kHz, 21-02, 0100/0120/0140 UTC

878 878 878 1 7692 128 7692 128

43536 22362 57941 65379 99089 27177 64302 12232 02512 99032
 45315 35051 77136 13766 64210 45922 59215 30814 13356 88605
 96522 32317 70665 27125 06169 41198 47543 58729 21224 71174
 62615 60509 39409 79215 76523 04625 05804 62230 51569 03633
 37894 29809 27816 46618 02515 71184 03181 36143 05746 79228
 29112 27226 27822 35945 96240 71308 91664 18529 61682 67823
 44256 32613 06039 42962 05496 41521 45567 13266 04207 23745
 33185 82613 29077 85207 04113 46034 86843 31661 54046 25410
 89986 29159 58412 26960 59611 51367 12547 02760 20409 59412
 68230 02367 60017 52047 44762 62642 25177 23162 77666 98181
 23742 35585 88237 73996 52520 66181 51161 81910 67487 92455
 12389 05648 17384 44193 36622 06402 85539 32552 11213 78135
 57101 18361 24458 13027 59816 51272 72799 71456 000 000

15874/14774/13874 kHz, 28-02, 0100/0120/0140 UTC

878 878 878 1 3349 126 3349 126

97748 61986 70379 68537 12037 50363 19774 20036 51305 65614
 46300 26823 10156 80925 50155 57062 19093 85081 45624 26068
 68472 47958 22692 50512 47887 71934 38316 02525 50543 20786
 68225 76841 11411 54240 34357 36181 96493 91365 84582 18860
 77286 48965 72089 73388 29775 93865 24150 04605 77393 49406
 64146 99680 39863 27566 76771 77916 23056 09840 38899 99916
 06352 06655 90911 02235 58023 87272 41376 28649 30050 31166
 59056 24025 09609 27073 56708 65375 04602 06750 78857 35046
 44218 66551 16253 55600 09353 62512 59783 29510 52046 05925
 45602 27927 27681 59657 35970 19594 18886 23821 02847 30863
 22765 03117 15741 82471 80876 82981 15552 53028 02857 97188
 70903 30994 60230 08316 99637 10610 87131 54828 08772 63276
 51880 83259 88687 31147 41501 82424 000 000

V28

All logged by HK.

3049 kHz, 03-02, 0904 UTC, AM	Parrot. Messages in Korean. Male operator
3524 kHz, 03-02, 0904 UTC, AM	Parrot. Messages in Korean. Female operator
5145 kHz, 03-02, 0904 UTC, AM	Parrot. Messages in Korean. Female operator
2996 kHz, 04-02, 2100 UTC, AM	Parrot. Messages in Korean. Male operator
3050 kHz, 04-02, 2100 UTC, AM	Parrot. Messages in Korean
4500 kHz, 04-02, 2100 UTC, AM	Parrot. Messages in Korean
4944 kHz, 04-02, 2100 UTC, AM	Parrot. Messages in Korean. Female operator
2997 kHz, 15-02, 2106 UTC, AM	Parrot. Message in Korean
3050 kHz, 15-02, 2106 UTC, AM	Parrot. Message in Korean
4497 kHz, 15-02, 2106 UTC, AM	Parrot. Message in Korean
4949 kHz, 15-02, 2106 UTC, AM	Parrot. Message in Korean
2997 kHz, 28-02, 2100 UTC, AM	Parrot. Message in Korean
3047 kHz, 28-02, 2100 UTC, AM	Parrot. Message in Korean. Male operator
4497 kHz, 28-02, 2100 UTC, AM	Parrot. Message in Korean. Moved to 4499 kHz

VC03 - Chinese Air Defense

4401 kHz, 17-02, 1430 UTC Reading bearings

M01

5320 kHz, 02-02, 1800 UTC. VVV at 1750 UTC.

197 338 338 03 30 = =
56456 89729 84331 44171 57658 43635 28589 86071 31820 32086
99046 84550 00783 03815 19958 22338 27077 88728 44779 60833
54834 64591 76779 56446 55533 93149 35648 44631 09415 19296
= = 338 338 30 30 000

4490 kHz, 02-02, 2000 UTC. Different repeat in red

197 719 719 30 30 = =
84933 93221 11309 54343 **35343** 40633 53739 83906 67508 71942 14686
52939 35191 04842 87463 80049 04689 15541 09499 84491 14304
18172 03117 26255 56314 24269 33682 49815 26920 11593 39102
= = 719 719 30 30 000

5320 kHz, 04-02, 1800 UTC

197 207 207 30 30 = =
09620 11950 80110 31184 39269 24449 25188 93594 43216 02215
15082 18987 35642 61084 00910 92262 07101 70629 75879 20046
20947 10962 88025 11691 02424 28250 25999 00400 35194 94546
= = 207 207 30 30 000
VVV at 1814 UTC

4490 kHz, 04-02, 2000 UTC

197 844 844 30 30 = =
42471 98295 10882 95592 24699 11451 48687 31456 85381 61063
16714 94290 38747 68503 46800 45201 69329 62587 07996 67358
46952 52022 13179 73291 94089 86954 26209 62844 05672 08650
= = 844 844 30 30 000

5810 kHz, 06-02, 1500 UTC. Different repeats in red

197 341 314 30 30 = =
36924 37886 **378866** 14566 34657 37732 50380 99336 56263 92608 89560
01743 66727 36021 73252 53129 55292 **15292** 28544 07036 85494 70278
83056 11801 20527 72040 61555 60562 08117 67433 39215 12565
= = 341 341 30 30 000

5465 kHz, 07-02, 0700 UTC

197 318 318 30 30 = =
83596 12557 25406 18913 42871 62002 98798 21096 75117 02690
02170 13761 83083 76420 78537 95378 64535 67634 94791 21957
17734 73639 72298 92267 42903 08173 13836 30299 17744 96650
318 318 30 30 000

5320 kHz, 09-02, 1800 UTC. Different repeats in red

197 112 112 30 30 = =
40057 95979 76827 45198 20767 61076 00836 58106 36624 29452
82086 44262 87762 78150 **79150** 31271 11591 13763 **13762** 82346 56862 62415
59503 39654 47828 66004 43812 12625 03329 20154 07942 91564
= = 112 112 30 30 000

4490 kHz, 09-02, 2000 UTC. Errors and different repeat in red

197 156 156 30 30 = =
89874 58268 **253778** 07884 19258 26630 **266630** 90349 77657 13561 67522
61676 27637 73751 76611 25497 76197 21796 40892 25425 68818
49081 27421 35056 02627 90263 16000 90497 68186 57065 53178
= = 156 156 30 30 000

4490 kHz, 11-02, 2000 UTC

197 585 585 30 30 = =
 77399 77574 77368 68667 13635 17009 56125 80421 21142 21142
 82724 58367 05154 46866 51664 72308 87854 89693 18768 90442
 37436 98869 82791 88367 76187 72314 44363 73670 16249 27234
 = = 585 585 30 30 000

5810 kHz, 13-02, 1500 UTC

197 641 641 30 30 = =
 66115 36975 15270 67833 70952 35927 37356 20976 24165 10358
 32704 58020 55549 46175 34812 50312 74481 39460 33328 31153
 50500 54645 89764 14200 50967 80726 41065 78741 94868 51101
 = = 641 641 30 30 000

4490 kHz, 18-02, 2000 UTC

197 847 847 30 30 = =
 08007 58032 71046 89904 98282 97505 37975 70166 72289 70995
 27098 78066 68686 23876 09156 89156 84745 83253 42596 94110
 50328 28761 01171 68348 33786 97437 78070 65215 24606 03490
 = = 847 847 30 30 000

5810 kHz, 20-02, 1500 UTC

197 251 251 30 30 = =
 07432 08148 48265 87479 13261 15583 51913 82470 13322 24446
 42020 74052 74635 35262 59587 01353 25410 83032 38902 83175
 85755 51866 93563 66807 30089 91309 76290 75656 86000 79026
 = = 251 251 30 30 000

5465 kHz, 21-02, 0700 UTC

Groups 14 c/s 19 and 22 were not repeated. Different repeat in red

197 274 274 30 30 //
 86601 40983 88731 66005 99503 65243 93006 12139 56596 27924
 38042 97560 42679 43389 00213 **00124** 37196 81474 28955 16911 17261
 10654 10654 36198 99832 35577 77958 55049 66519 59985 98769
 // 274 274 30 30 000

5320 kHz, 23-02m 1800 UTC

197 346 346 30 30 = =
 75129 67785 91472 96211 81903 44732 35507 47663 81545 55604
 33084 53688 40716 69224 07105 87693 73176 74113 48940 86604
 32539 52539 14013 41914 83683 75616 60345 93678 56358 29113
 = = 346 346 30 30 000

4490 kHz, 23-02, 2000 UTC

197 715 715 30 30 = =
 54046 58258 35669 48975 62755 40513 59788 53540 50898 56416
 93157 15093 37109 07963 25352 47507 46224 20204 57397 84279
 51580 28910 25215 79042 11100 89710 51066 90715 97355 77146
 = = 715 715 30 30 000

5320 kHz, 25-02, 1800 UTC. Group 27 was not repeated. Errors in red.

197 413 413 30 30 = =
 64253 56886 21321 58596 79948 02833 70782 80293 26236 67763 **6763**
 86826 90620 00751 90585 16856 **709360** 70360 26532 09418 01143 34986
 83713 93963 74089 07611 21878 28366 28366 69795 06338 **0638** 60757
 = = 413 413 30 30 000

4490 kHz, 25-02, 2000 UTC. Error in red

197 414 414 30 30 = =
 64805 96819 46184 93721 27876 44549 02354 75133 44569 32014
 06946 67660 54259 18031 39076 75296 40958 75902 70436 44288
 87910 85375 12978 06018 12861 24815 68661 18808 **434756** 43756 37724
 = = 414 414 30 30 000

5810 kHz, 27-02, 1500 UTC. Errors in red

197 153 153 30 30 = =
30530 81385 17973 01720 68466 16020 55787 71354 16101 61853
41724 39545 12855 47631 44101 89689 10660 51834 64677 26693
63949 37992 66319 48294 2354 1821 185010550 240092009 56876 20858 208
= = 153 153 30 30 000

5465 kHz, 28-02, 0700 UTC

197 531 531 30 30 = =
84613 09539 09674 05657 13549 11686 75319 31721 18015 47615
67499 76408 21708 30265 31429 37405 69341 17988 05033 34487
65111 00550 09497 85089 26057 37746 19039 27550 06982 26031
= = 531 531 30 30 000

M01a

2258 kHz, 03-02, 0552 UTC, i.p.

111
111 000 111 000

4636 kHz, 03-02, 0918 UTC, i.p.

333 12311
333 12315
333 13232
524 524 524 13232 13232
333
524 524 524 333 12332 12332

3764 kHz, 03-02, 1452 UTC, i.p..

17738 17738
613 613 613 17549 17549
613 613 613 17549 17549
613 613 613 17549 17549
613 613 613 17549 17549
00

9969 kHz, 23-02, 0808 UTC, i.p.

333 67626 000

5306 kHz, 23-02, 0932 UTC, i.p.

783 783 783 67313 67313
317 030 = 96702 32546 25652 03037 02222 20725 ... 88854 = 317 030
040 02
111 000

M12

14377/13461/12114 kHz, 01-02, 1300/1320/1340 UTC

14377/13461/12114 kHz, 02-02, 1200/1220/1240 UTC

317 317 317 1 411 106 411 106
85187 09232 99401 91498 02920 39297 73708 87591 07529 46146
62004 07867 26603 43349 46159 19446 49687 62026 04352 08165
59169 37110 08597 27852 54064 74635 67197 77316 85354 15984
60586 96438 24987 66473 71680 60486 21534 22708 05446 53734
92202 42965 70464 77166 96015 25891 10343 92456 83484 73716
56610 89467 78317 85998 51701 41014 04050 72277 59624 55549
94902 54898 77829 98327 39138 34131 96241 14222 23808 06788
45416 00659 66651 58878 20094 69033 17286 18368 69037 16726
11764 27317 94453 70338 60486 18238 94642 02682 93820 90724
65270 84591 86943 58984 92145 53956 54995 56555 68263 53167
67135 76013 04036 57758 34119 23622 000 000

9317/10484/11552 kHz, 02-02, 0530/0550/0610 UTC

135 135 135 1 3204 112 3204 112
52463 71153 54234 73039 25130 46738 62074 86068 88501 64157
24575 60224 28364 51664 75281 83629 15828 05425 49765 61304
21988 88465 78243 94218 39021 97224 48446 74855 01052 78835
05669 25154 41589 67359 45327 51220 48249 91451 32108 23921
32903 46538 63479 97476 79073 21582 66556 98162 76275 62904
37214 37280 45104 64160 05539 77522 51560 33209 01552 49824
10241 28355 14054 97298 72981 17895 55285 70394 27454 45771
54187 00338 07603 61497 37746 84834 77849 82226 73047 75015
12094 32899 50820 06557 96462 74678 73015 70468 07926 98241
44720 07954 27792 27020 90593 27664 07920 92326 95097 49121
29139 70684 03470 50572 18276 18828 14122 19251 46669 30937
10571 49431 000 000

17415/18215/18715 kHz, 03-02/07-02, 0800/0820/0840 UTC

427 427 427 1 522 78 522 78
11393 89734 87536 48780 53599 15534 70852 90023 46871 47171
76456 62440 68617 85199 28770 29322 60547 29426 95691 90852
06624 89196 98525 88780 89747 09047 15490 01183 37092 66517
93250 28080 40345 77356 99078 13887 06845 12685 05060 80986
02661 55366 31664 12492 93835 09931 63516 63255 91590 14647
10646 91786 07735 49448 45796 37916 91063 09835 24208 52534
89249 03750 67064 64113 79545 48634 10599 86091 80286 18353
41903 82056 95913 34872 57602 86095 42479 83239 000 000

12162/11566/10711 kHz, 03-02, 1710/1730/1750 UTC

546 546 546 1 5728 109 57208 109
97288 07239 82161 63580 51248 31777 02279 63623 65564 60710
47652 08508 81552 29676 03035 61409 30799 07385 11138 82729
79829 47966 56473 92178 76785 25845 39162 69360 42915 68427
37540 66801 34471 96355 81286 51813 00049 96709 84235 72816
68365 11226 17789 46724 62130 99386 91611 84470 58706 76439
31878 50803 06551 37103 81660 33403 55853 83129 80982 36649
57965 68455 54575 33990 51946 15188 56217 42068 72767 75983
83904 57438 44987 66587 31815 12777 96447 44166 26316 21653
73278 90147 64366 28653 19615 44320 40560 48959 59297 72931
78989 05910 00688 88986 45624 63309 67576 15169 72143 07456
37297 29890 47494 44729 27332 75202 81507 97221 71480 000 000

12162/11566/10711 kHz, 04-02, 1700/1720/1740 UTC

546 546 56 1 7706 107 7706 107
62420 13738 12929 41918 34324 49257 13410 34399 00349 90668
17399 39427 27987 23933 25308 96862 71681 55110 63946 83084
59831 26724 55637 28861 17726 23334 56659 41938 54599 65598
04014 72280 56293 04598 15574 83608 08872 87445 09828 29228
50349 63699 93200 06090 53952 97658 11417 64806 10054 91868
30947 76543 00284 98714 02074 00057 70430 10104 44685 01247
04933 57697 63207 33162 43564 25421 55402 95987 69517 64907
36429 02186 86048 75216 13545 20751 39281 88907 57941 77798
22814 22781 55684 56901 70482 83422 72905 70003 60104 48767
14798 21136 29644 29854 06730 49064 34159 35259 56749 12316
72561 00348 40511 65778 61924 82133 68201 000 000

12162/11566/10711 kHz, 04-02, 1800/1820/1840 UTC

546 546 56 1 7706 107 7706 107
62420 13738 12929 41918 34324 49257 13410 34399 00349 90668
17399 39427 27987 23933 25308 96862 71681 55110 63946 83084
59831 26724 55637 28861 17726 23334 56659 41938 54599 65598
04014 72280 56293 04598 15574 83608 08872 87445 09828 29228
50349 63699 93200 06090 53952 97658 11417 64806 10054 91868
30947 76543 00284 98714 02074 00057 70430 10104 44685 01247
04933 57697 63207 33162 43564 25421 55402 95987 69517 64907
36429 02186 86048 75216 13545 20751 39281 88907 57941 77798
22814 22781 55684 56901 70482 83422 72905 70003 60104 48767
14798 21136 29644 29854 06730 49064 34159 35259 56749 12316
72561 00348 40511 65778 61924 82133 68201 000 000

14377/13461/12114 kHz, 04-02, 2000/2020/2040 UTC

317 317 317 2487 102 2487 102
20444 52868 87222 44813 86912 33727 68337 35693 43051 26548
85265 72173 48928 50034 05353 57621 19982 28588 03605 27209
06366 32849 25099 26475 00427 33139 82862 42756 28542 08664
87548 22379 57123 25415 68494 13234 80654 03263 70449 18767
39001 77139 20940 09261 21200 09398 50962 78999 00013 77070
55370 60995 48452 99435 51717 27507 83563 58610 90694 45171
35561 98569 22224 25311 61468 24601 11135 97902 24002 92062
47033 04781 40638 02585 83644 57213 70460 33646 43534 77965
44155 30203 88605 65360 28832 66263 68677 28286 55169 36871
36958 48293 87258 05564 06904 13297 42667 52758 80571 14831
26309 16337 000 000

9362/8062/7462 kHz, 04-02, 2300/2320/2340 UTC

451 451 451 1 561 96 561 96
03374 02874 19564 10213 46087 09347 40209 09761 84385 67815
81969 98557 97895 67985 88856 69568 71597 13985 20006 27095
76488 51706 23237 24056 19493 16584 25685 45411 65647 82143
99555 56901 23926 96081 98555 26235 14828 38398 87297 82298
19781 33330 59778 91344 02250 91765 09374 15934 28140 94704
77932 90293 06179 70114 66397 72884 41519 99202 32710 01422
04052 22975 75544 87011 25939 17062 09084 01215 69582 29572
85042 69317 20068 93138 04716 46093 67691 33867 09415 34607
87686 26955 87816 16898 81854 80963 52421 81726 30196 85633
94747 25703 11120 32189 44191 02725 000 000

5832/6832/7732 kHz, 06-02/12-02/13-12, 2200/2220/2240 UTC

887 887 887 887 1 9859 232 9859 232
30139 37291 50979 95472 29109 33688 59295 56010 88234 64242
23089 51020 58528 60840 61330 46136 14011 27496 32687 09923
79327 44932 81022 26505 52832 25200 13575 17647 16833 85018
10087 38518 34903 05366 79622 28274 27804 49604 18558 30935
52228 10869 43417 09600 39083 37344 90046 12901 24714 64309
55308 20633 07842 87087 52642 83041 36527 62336 73674 84693
49985 80084 92525 03019 26893 81678 10940 58291 64740 98791
72527 08460 03231 83280 02290 15788 63113 53665 27133 90911
42556 07255 98591 12446 44760 96220 51940 64309 82269 92814
44960 06234 74220 14240 73851 55998 10163 14234 21800 15602
95242 73780 69409 17500 25131 01349 98946 81281 07514 75802
30587 63069 75428 22901 55587 82575 28919 53008 37756 65900
67154 59108 21035 03192 37237 83582 93408 22141 03007 53879
41533 89256 91678 87914 74534 83666 94015 37916 41781 61817
93744 37078 37028 35747 40145 26578 72735 96116 95087 51348
81775 69374 76864 04985 77397 41703 50620 13889 57021 48828
55235 65312 88625 65942 37638 25467 16583 11356 81112 28162
91715 79608 88406 94638 17846 12749 78695 11736 15152 71939
35284 83027 12298 69714 81108 34585 02724 63429 40025 01409
16489 56537 66033 88901 45344 48483 82072 48075 89433 77765
65138 17501 95363 71939 89737 11336 58302 72574 72820 06833
37116 88595 03359 91334 74348 44831 32457 16334 55895 60603
41075 02943 81307 79176 64264 47859 83315 80524 18448 99566
11175 33402 000 000

14377/13461/12114 kHz, 08-02, 1300/1320/1340 UTC

14377/13461/12114 kHz, 09-02, 1200/1220/1240 UTC

317 317 317 1 6793 99 6793 99

90698 26384 20950 27062 89214 13497 78515 77921 98013 02704
26576 07447 91416 35702 47852 98173 85444 13854 02552 74940
55779 48046 16708 47975 06152 22234 59778 37649 33383 35477
04189 93147 15791 29924 60472 73229 78454 07878 06178 76370
45230 90452 50950 31150 50133 09795 19524 15145 02252 06664
64874 34890 03501 64709 79690 27602 32049 61870 67145 76236
59576 67862 68876 72015 46903 08143 55236 47272 82154 89387
46081 89546 76436 05401 99286 25454 14368 95327 42815 28784
24368 43129 34994 22756 51227 61134 38602 61683 63124 03962
91229 02191 31875 58968 16919 20977 31404 25312 30760 000 000

6937/5737/4537 kHz, 08-02/11-02, 2210/2230/2250 UTC

975 975 975 1 6995 123 6995 123

29892 96168 17392 80499 47874 31834 21020 88234 01466 54872
24256 95229 82926 05749 92717 35378 96220 71232 78235 21652
07037 31648 18943 86583 60417 83141 67022 81248 45131 96781
48907 49136 17123 03746 27233 68907 46896 83941 42292 37077
90778 72180 87791 42910 44916 31366 46733 15870 30566 25704
46695 97452 05223 50628 61714 05112 63820 48320 19748 50778
55498 02518 85989 90371 24459 72413 33170 58650 83210 99947
76311 07506 67024 42676 75628 51775 74824 03130 99862 67724
57608 16384 17982 76712 47735 79352 97240 93262 62743 31277
91020 49647 71860 11571 52764 21121 60039 99863 52114 58388
34681 08504 33986 95135 61664 87477 13838 15692 51895 95425
49751 10333 24816 96678 88525 24413 48682 56426 19468 21303
46960 17647 91740 000 000

5734/6834/7634 kHz, 09-02/12-02, 0030/0050/0110 UTC

786 786 786 1 7059 91 7059 91

67863 26059 51885 70448 20243 29065 20282 90597 13187 72885
60188 75770 38921 14313 94613 37123 74618 96786 56694 78287
47402 19342 73165 41966 83246 23457 97012 20791 69502 55115
31309 12473 30665 91242 29709 48537 17411 08348 36067 03962
45580 78015 21342 56555 65992 70095 40712 17713 44291 81056
76335 61546 82194 63554 92211 89084 65128 23647 42511 93922
41019 31779 75629 08529 97743 59190 59249 85962 94736 56095
02038 46693 14726 39049 96999 35766 27482 62478 58991 36938
60222 73018 14211 08503 74036 18211 16500 58244 86004 43340
14026 000 000

12162/11566/10711 kHz, 11-02, 1700/1720/1740 UTC

546 546 546 1 9454 111 9454 111

18302 01217 01277 71565 42692 15397 40386 45795 81545 59569
63322 82471 48333 98302 13507 37147 10790 07058 11081 08106
75437 37259 10909 41322 17720 93687 45180 55317 34566 11997
85874 98128 90474 59193 87159 61169 83718 97330 74137 20711
29058 03377 86520 63294 85896 46777 63947 82227 53551 18830
87863 61184 36601 56151 41918 49375 58368 84210 61383 97536
47316 77679 78438 52913 03944 27189 64901 85291 08423 87998
78305 07864 06882 39320 90002 28716 57291 80840 06551 49690
93788 77373 10708 23964 30810 24498 22706 20414 06019 99478
00957 94575 23490 83646 29723 69720 30708 23137 74652 72100
62006 02620 97372 15318 51268 83205 48613 09647 06938 90830
28925 000 000

12162/11566/10711 kHz, 11-02, 1800/1820/1840 UTC

546 546 546 1 3049 112 3049 112
12308 51948 28549 57515 09392 77444 95015 15445 94889 88286
73177 29380 86508 68387 03155 61503 95677 54233 21537 39892
04306 42521 03340 39722 25945 87781 72572 41513 38022 88124
31570 55957 65703 88616 14599 45726 06438 57777 92936 81984
91962 96575 97797 00328 01946 94231 25876 86818 91917 14065
77793 82402 43262 49928 41238 91864 43573 58837 61883 59383
25781 55304 74857 08437 50641 23393 98022 96767 04780 23202
74908 28269 21374 94537 40857 02749 81365 58949 03175 81040
77828 76437 91860 08619 14026 18109 91232 12088 93678 94564
04849 26556 85347 78438 87730 78347 62468 43849 47429 30191
09185 26541 43079 51762 40044 12536 76327 60605 87325 06624
23577 99733 000 000

14377/13461/12114 kHz, 04-02, 2000/2020/2040 UTC

2000 UTC: Technical problems. Restarted at 2004 UTC.

317 317 317 1 2581 104 2581 104
30555 17771 71092 95322 51858 92519 28328 67468 25844 15627
62657 21076 92589 97715 10640 02417 35342 01756 47708 90055
37565 65157 07802 39159 70241 42650 91853 60786 40176 78785
09557 34041 39557 88265 22285 78583 65709 06289 19273 44697
85022 86600 59214 82556 25474 30551 22505 04581 49283 27024
29035 21389 70097 33153 36641 23631 59309 31242 91683 48210
85581 52613 84963 87003 11724 20707 30423 04493 05013 41055
68279 68249 44539 79633 43062 50599 00251 48736 11909 50725
45610 37543 63358 42014 92271 23077 52334 43148 73299 88414
39576 22998 97878 30903 11637 59373 38933 56562 23169 95506
89372 23290 29264 08443 000 000

14377/13461/12114 kHz, 15-02, 1300/1320/1340 UTC

317 317 317 317 1 5049 100 5049 100
40412 33919 96482 88373 40175 63246 58533 41061 89181 30156
54315 60662 12421 70638 35487 64814 17192 91737 33307 38779
01042 57405 37112 35094 95390 38791 96052 84432 20051 85439
63387 71723 94372 35208 15513 29416 16227 34609 25915 48296
57327 31094 40483 78388 49673 51777 00814 68637 30175 37786
12995 86038 56229 06112 50930 71387 86405 02408 72477 94422
95298 00920 68940 31435 05554 52977 44014 16340 35527 65421
56579 36265 22361 09591 31793 24075 25407 59681 50544 57408
80096 74845 69186 76837 35004 59753 66359 29288 83832 38379
26240 21944 21512 36941 14030 33193 11582 76989 64498 85563
000 000

9362/8062/7462 kHz, 15-02/18-02, 2300/2320/2340 UTC

451 451 451 1 5479 87 5479 87
50228 69557 51199 00879 38212 24257 99658 42434 40454 12121
71358 85850 44943 86616 73010 99268 85557 28967 08064 96854
03701 39390 28233 67002 98964 74999 85257 98432 11769 06739
77593 39418 93434 11613 35265 38673 76586 78040 54342 70299
70713 59012 07672 24029 34360 57945 09643 73425 92270 68892
19342 10774 14545 69811 15461 72153 10719 01655 01645 15019
55260 89425 88155 19141 64880 84508 32650 38113 70717 86293
95278 94577 93034 60926 15591 25609 93661 69188 93601 15072
21095 29707 29713 67767 63198 29647 13766 000 000

14377/13461/12114 kHz, 16-02, 1200/1220/1240 UTC

317 317 317 1 5962 103 5962 103
94434 01553 17843 53909 96577 89043 04279 08571 85285 31257
57925 44356 22293 09984 37085 73438 64025 87789 10745 36598
70337 10124 05693 69084 20461 72728 80339 30669 65192 86611
50571 97376 08851 86832 89346 08643 58413 89159 34805 56899
64244 06344 85660 13596 15674 04758 71497 55435 39320 84796
83398 15588 09125 16685 62792 74207 38384 71561 51159 30820
28701 62531 97889 42485 95471 35141 93056 82228 97340 42261
61413 93999 98344 42318 43874 46018 69136 53189 28036 56057
43016 99735 18305 41082 75701 27101 82585 08529 36474 62251
98766 38186 98326 65080 43906 39371 86282 15271 66720 97960
99140 54702 50872 000 000

17415/18215/18715 kHz, 17-02/21-02, 0800/0820/0840 UTC

427 427 427 1 8122 95 8122 95

56050 83932 17316 14918 95059 22076 79470 35044 79097 83079
95136 74245 58092 70115 13929 30219 60848 19531 73831 01948
43450 23035 76235 45099 91648 98675 87827 85799 35018 22942
52565 18197 27719 36344 92587 75013 89378 20985 24982 50422
85006 86390 93847 50180 23675 24978 08692 92561 54962 96187
47173 91781 68154 28497 69875 30086 45642 14829 05884 92175
29181 08780 73079 85656 86097 42729 12508 73083 78467 40052
07158 13597 72642 87016 67993 59165 96567 21063 15225 00390
32439 69161 87633 71035 50546 20210 17107 19917 70692 77037
15009 56378 65330 93519 96680 000 000

12162/11566/10711 kHz, 17-02, 1710/1730/1750 UTC

546 546 546 1 5067 110 5067 110

33918 06081 41144 61443 69327 92590 38877 20615 25079 58028
34209 83167 88084 85943 41964 60880 26975 81707 29859 95692
77341 69729 65918 43598 34990 77941 44943 75242 57309 80846
62575 91967 38728 30727 74435 43768 07800 30254 29603 10441
98243 78281 89444 18399 20971 21904 25587 29379 15738 44031
04851 67127 73471 00445 92513 24565 59857 85955 01256 32948
95327 94747 76942 09980 19807 49196 40633 15308 31784 21041
23785 08127 22927 93416 47813 82158 96687 22438 18674 38574
00495 36284 63730 40396 39700 14235 78039 18273 94199 41679
73258 63381 98092 43319 77539 92490 00621 01667 63128 77803
29913 50479 17591 83385 96794 45060 99002 48987 15339 60757
000 000

12162/11566/10711 kHz, 18-02, 1700/1720/1740 UTC

546 546 546 1993 106 1993 106

53164 93542 90016 46713 99709 58077 55660 37361 77737 72846
39166 23602 27182 98574 51335 25674 70367 10043 61120 00075
31083 17455 23824 28928 98841 02402 88517 19766 18493 85103
32434 38688 32006 42949 43209 17269 17677 02927 07620 79038
24655 18373 65182 59031 93218 44974 88503 88278 50103 41346
41104 71580 37777 69840 89752 98415 13847 98287 59865 79613
12724 17108 84204 00355 34489 43642 60625 86460 19676 43642
12651 66279 97030 37091 57866 85610 30670 27635 67438 13593
86078 35594 83200 42370 89024 75201 54443 21941 51718 35277
22049 91463 26139 98447 59032 53117 51684 83884 57252 22993
27053 58223 90040 75124 44058 53911 000 000

12162/11566/10711 kHz, 18-02, 1710/1730/1750 UTC

546 546 546 1 285 69 285 69

86269 54133 03443 10750 09960 23153 73052 92779 55407 91614
94328 34186 14238 16471 33764 66196 28857 14350 44356 60857
26121 78172 01938 02447 94304 35383 51635 79719 07326 31897
89185 41066 53564 68457 97266 69972 87930 78195 73729 70080
87102 57986 47607 21877 85350 97717 16739 63921 98678 62638
43979 54843 09693 45986 42166 76458 14119 68533 28975 36721
80480 45285 10466 24561 35575 24035 58891 68652 07546 000 000

12162/11566/10711 kHz, 18-02, 1800/1820/1840 UTC

546 546 546 1 4036 104 4036 104

70745 44483 71765 78506 29630 97250 94738 99113 06197 79550
46224 90227 68360 39475 25012 55384 64741 07990 62303 04155
58551 50175 33649 74079 51740 35821 35695 73528 81994 96685
92952 40251 41055 17038 20104 91501 39198 59282 01627 94694
55138 50977 14428 01691 15675 85188 32367 96470 13917 57388
74513 06744 92280 51701 41606 70157 54301 20397 49772 24955
19003 05360 27529 40427 61507 95348 96541 15370 18686 86449
14837 86584 99954 31298 08559 23941 81493 92273 42043 53517
50739 96395 61430 60388 50564 26657 36366 30322 12604 14921
70605 25785 32610 14318 72425 90982 27135 88715 69117 55617
51474 49570 32130 47540 000 000

14377/13461/12114 kHz, 18-02, 2000/2020/2040 UTC

317 317 317 1 9344 101 9344 101
05102 46917 83046 93466 85614 35133 03226 30184 93954 79029
64746 53758 21537 44750 23111 14530 51315 71801 86151 23066
44804 42720 94112 33243 84509 77109 71055 94451 52147 70399
70285 66049 74481 51584 15486 11852 22759 60894 70959 85638
64280 26600 31085 03386 70242 28135 81880 76729 93290 35457
32391 42760 42689 95251 21539 49149 73104 33023 85336 24631
72601 79514 35304 47245 79198 79271 78806 41859 42238 40083
48513 45560 78053 77756 03670 32363 07498 93209 15080 61807
19183 27275 95799 90075 65761 99646 85958 47754 04110 91752
20923 86218 01153 04519 60115 66495 62445 54370 53455 74529
78191 000 000

5832/6832/7732 kHz, 19-12/20-02/26-02/27-02, 2200/2220/2240 UTC

887 887 887 1 236 198 236 198
86656 55228 66427 66704 17348 85269 81329 16440 37987 21093
14119 81101 75488 79143 14042 40009 80951 62739 97461 86975
44550 17095 76830 78107 49641 86689 37267 92741 52323 75543
15226 00624 11520 52507 21277 81137 62605 50532 96293 42480
04163 89612 08743 05453 96996 08804 08020 57356 11047 01354
68653 78728 95672 01748 84420 88015 23105 16382 57126 03555
04748 18473 23882 03922 52888 57607 18513 74468 56200 27678
60137 81363 25677 60756 68252 14376 02416 74468 92626 93655
50721 34947 04654 12905 70109 51485 63084 55390 43328 93666
87070 65755 89925 94248 01352 70604 48892 99067 91332 31265
57757 54515 24352 93943 45369 50768 12978 32578 06722 67911
32258 98158 06957 33719 84609 08306 12622 59945 78474 64525
73103 33967 91161 03774 74140 51707 43480 66359 59396 54403
98774 56545 62163 19571 41418 55477 19857 71315 62112 26917
68215 02543 49805 96857 43654 69211 19904 82984 16061 36050
91879 50379 38297 32899 29870 50164 46146 07998 29665 97309
21981 06527 21176 61810 29121 42655 16170 98041 96666 44767
80542 89092 53894 48858 13854 22177 14499 96622 05886 34953
51022 93282 35726 12410 54335 65368 87160 05856 23521 06558
15150 74759 68528 96498 95148 90676 13270 62854 000 000

14377/13461/12114 kHz, 22-02, 1300/1320/1340 UTC

317 317 317 1 5764 103 5764 103
58420 50975 20085 63757 87232 15059 72379 96804 22730 50143
20566 95282 18097 00990 73708 56313 65091 06472 49522 57329
48398 02401 04802 96601 35861 17444 96715 71686 93934 92167
20872 70399 80813 14957 97397 17483 06099 02331 62748 90608
31009 83720 42397 68707 74429 43235 44689 29720 87710 25244
42246 48669 33647 54947 40210 81854 95427 02098 89367 01781
75987 49167 40809 57651 76856 69214 08667 85480 36801 50365
24236 31877 49062 72286 03102 93291 55217 28995 40865 31168
12155 50443 20431 79844 35277 04383 34897 84922 61919 03837
80827 59916 20099 74324 60462 83315 38443 15706 87558 96343
11825 67833 86949 000 000

6937/5737/4537 kHz, 22-02/25-01, 2210/2230/2250 UTC

975 975 975 1 480 81 480 81
26440 77028 75999 55318 79850 12915 49158 92376 32553 50993
72080 29124 85602 21262 71519 83792 95876 44617 84399 60122
86583 57615 25204 81357 15051 56449 66957 16158 79479 25924
29302 56494 55857 07508 08320 21984 79975 17711 84426 41217
51923 31239 07333 91184 93418 14186 43464 97173 96281 20693
83088 87602 63638 63038 09541 43566 24737 15624 69286 49263
31705 25138 92940 89604 89314 73562 53974 91483 37579 31497
83029 06924 64519 89387 74990 93198 94532 79649 40794 98987
58780 000 000

9317/10484/11552 kHz, 23-02, 0530/0550/0610 UTC

135 135 135 1 4890 110 4890 110
91517 03795 03970 58624 35752 79224 37053 09692 23482 02242
72839 20394 73769 62798 41558 20442 26005 66312 46022 56194
15253 23142 52800 21122 47050 46184 51574 28061 67819 10676
48214 25761 22752 60252 53652 71145 49115 85040 78376 04338
37383 38137 53287 52850 96769 78969 04727 83627 86705 91166
10337 25934 78085 81425 08574 71614 77261 69188 62182 42713
66186 95583 26506 71894 23130 06697 94556 30751 34385 64188
97339 68238 20836 54501 40032 03689 03872 39787 39365 13457
53105 29837 10075 64380 41049 77452 61121 14947 12064 43224
63716 37159 00892 17077 72041 19215 79328 78066 16559 63895
03304 74834 70544 16787 79777 89250 15535 58505 15393 02425
000 000

14377/13461/12114 kHz, 23-02, 1200/1220/1240 UTC

317 317 317 1 4281 100 4281 100
09217 48037 33734 72713 53264 49441 97625 55321 00328 93391
52140 33122 68177 81609 10604 17490 04264 86696 83473 10152
23441 39001 57396 70551 90847 62774 42681 22706 23487 22143
65884 73216 77777 72072 15646 03327 89599 12405 07130 18330
06817 55031 75940 60363 07491 85505 67927 31880 39553 52310
87642 68718 14804 51209 12367 44777 37859 35276 49873 14576
14865 12066 07018 57659 62072 91167 91211 50032 85755 84862
63330 93574 44125 49897 56438 44015 66295 98136 77531 69951
41909 62647 88228 51101 64864 97770 94636 33061 23287 75249
68624 77716 83553 86776 28369 65524 59925 56696 38590 32339
000 000

12162/11566/10711 kHz, 24-02, 1710/1730/1750 UTC

546 546 546 1 1634 113 1634 113
98934 71627 23481 55603 13615 01999 50110 01611 89663 15880
55102 46960 71693 49785 92444 14338 13035 94599 89028 59479
65633 63438 59081 87413 98923 18153 61457 16407 54969 48047
88700 64384 26672 82681 63764 42276 52555 98659 14645 79580
73994 42503 44492 39563 33644 31501 81202 24183 71895 70108
99863 10168 58772 86788 32848 63600 96965 12069 25137 85344
64751 32811 78918 59955 58774 62053 57563 21540 35543 96502
70449 49582 91329 94071 92896 40892 45226 53815 84573 05374
45194 00887 87983 36711 61194 67504 16678 37484 21712 11720
99902 11487 48534 24112 28983 74580 87454 40155 51874 57872
79988 54555 20506 47450 36416 41651 65458 31155 30320 47645
78088 16181 51443 000 000

12162/11566/10711 kHz, 25-02, 1700/1720/1740 UTC

546 546 546 1 4106 111 4106 111
99744 04743 49408 10581 95788 98802 87516 20723 12455 46892
36611 12022 44587 57781 20131 96264 60171 05595 81921 74104
31376 54022 50524 75914 79130 95207 79270 82305 79179 77197
28167 19786 48894 20769 28761 05048 57847 89744 75313 32401
65133 15879 11592 21554 19861 52652 08530 86162 44627 19883
40717 97120 34728 51186 19298 19678 76705 79087 21492 00058
53650 98201 17810 97681 57813 13555 36118 86945 50701 69685
52513 92236 17877 46560 29954 17863 63785 86849 16257 14887
18756 17380 62144 06864 33859 91562 05779 96309 94132 16778
29211 51463 75138 77647 21306 13295 87546 30554 26231 93445
42957 71596 41091 36042 89308 69026 59811 60391 37321 10594
50684 000 000

12162/11566/10711 kHz, 25-02, 1800/1820/1840 UTC

546 546 546 1 8138 105 8138 105
 09313 45181 89461 55321 07201 11838 32084 42740 12708 79862
 67084 35035 13177 13757 79724 55259 05653 10177 30525 31013
 27140 47609 55170 07719 85717 83140 01336 41884 59102 78501
 94103 58950 77031 61626 83889 31125 74850 96959 09518 63104
 43803 17793 09252 88266 34534 23297 87219 63156 36581 42894
 82621 23057 57103 80736 70192 28505 07457 34534 18183 28785
 71904 54323 22307 55247 58327 50353 35198 72718 70614 48418
 00568 08188 65281 94796 74163 65542 39699 10757 11986 84161
 28849 42010 38880 99430 68949 04196 29598 26150 46319 76115
 53073 58889 88081 96814 12494 06718 82939 36804 02223 35366
 67602 15892 71120 24592 65756 000 000

14377/13461/12114 kHz, 25-02, 2000/2020/2040 UTC

317 317 317 1 2071 101 2071 101
 23212 34522 97597 45201 68329 92762 47308 86723 43953 77405
 94632 67191 14242 06658 75361 38972 01045 98978 51567 14559
 15391 42569 30216 81880 73489 03038 34117 60526 44695 43466
 12475 97696 10159 27484 13600 38952 15148 01095 67166 92008
 49518 27990 54968 91361 38652 52005 23350 00720 90743 22049
 16848 77049 79179 43754 22068 08140 58058 28202 88527 14434
 63365 53921 24929 48116 39961 82103 31227 24025 75061 89138
 87620 42939 60140 29832 27350 35986 77260 99140 52557 98417
 87955 85126 69260 18604 55839 03119 48618 03235 43855 25476
 21974 05096 72570 88032 67427 94842 16430 57202 63940 40442
 67787 000 000

M14**17458 kHz, 10-02/25-02, 0930 UTC****15994 kHz, 11-02, 0930 UTC**

617 943 943 182 182 = =
 12385 18945 94285 08117 10646 80373 50316 16469 31471 56052
 81120 27822 26691 94330 57480 44654 45679 02363 39003 04277
 37825 32226 87612 98635 79716 34373 77887 07732 34346 31081
 71994 93674 54722 19291 67882 76299 01463 76725 54389 26711
 14148 83466 59046 20134 69648 64091 97251 64962 54838 79173
 32101 02940 84953 72131 40514 81916 08769 28280 00800 35222
 85984 55123 95380 77263 65993 77459 64007 07171 39516 40401
 44451 66400 47361 48852 19652 17072 46522 50255 01127 96824
 83279 25614 29928 58279 09099 32360 10853 27115 07689 28720
 10489 12165 63867 64302 54626 02693 98915 82889 99093 40622
 32441 73922 29886 51817 88041 79945 42569 14109 07650 75986
 91270 48357 10679 30318 20810 01951 51176 69365 76254 53725
 90294 97643 32679 03243 74122 53311 86753 25677 50668 83070
 77440 37253 25815 96720 39497 52732 80898 83722 76020 38116
 17380 31940 94763 65230 89099 47115 38983 09238 70727 14113
 51490 25291 67046 51108 79073 30181 04695 65581 03262 92850
 54113 79673 07957 35412 51964 80574 97693 17621 27594 15454
 59092 08388 10701 70351 87744 34736 18145 17617 15417 41150
 76329 16470
 = = 943 943 182 182 00000

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

3185 kHz, 03-02, 0546 UTC	=990846??8????? =990847??8????? =990848??8????? //5732.5 kHz
4865.5 kHz, 03-02, 0619 UTC	=990919??8????? =990920??8????? =990921??8?????
5732.5 kHz, 03-02, 0717 UTC	=991017??8????? =991018??8????? =991019??8????? //5980.5 kHz
5860.5 kHz, 03-02, 0658 UTC	=990958??0????? =990959??0????? =991000??0?????
4227 kHz, 06-02, 1359 UTC	=991659??8????? =991700??8????? =991701??8?????
3322 kHz, 22-02, 1546 UTC	=991846??0????? =991847??0????? =991848??0?????

M23

5345 kHz, 02-02, 1600 UTC 000 (R82)
5345 kHz, 02-02, 1600 UTC 000 (R82)
5345 kHz, 04-02, 1600 UTC 000 (R82)
5345 kHz, 05-02, 1600 UTC 000 (R82)
5345 kHz, 06-02, 1600 UTC 000 (R82)
5345 kHz, 07-02, 1600 UTC 000 (R82)
5345 kHz, 08-02, 1600 UTC 000 (R47) long zero's
5345 kHz, 09-02, 1600 UTC 000 (R47) long zero's
5345 kHz, 10-02, 1600 UTC 000 (R47) long zero's
5345 kHz, 11-02, 1600 UTC 000 (R47) long zero's
5345 kHz, 15-02, 1600 UTC 000 (R82)
5345 kHz, 16-02, 1600 UTC 000 (R82)
5345 kHz, 17-02, 1600 UTC 000 (R82)
5345 kHz, 18-02, 1600 UTC 000 (R82)
5345 kHz, 19-02, 1600 UTC 000 (R82)
5345 kHz, 20-02, 1600 UTC 000 (R82)
5345 kHz, 21-02, 1600 UTC 000 (R82)
5345 kHz, 22-02, 1600 UTC 000 (R47) long zero's
5345 kHz, 23-02, 1600 UTC 000 (R47) long zero's
5345 kHz, 24-02, 1600 UTC 000 (R47) long zero's
5345 kHz, 25-02, 1600 UTC 000 (R47) long zero's

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

6343 kHz, 22-02, 0840 UTC, i.p.

=1071 6702968 40
=1071 6702951 42
=1071 6702587 51100 44
=1071 6702598 46
=1071 6702541 48
=1071 6702788 50
=1071 6702796 52

4959 kHz, 23-02, 0733 UTC, i.p.

51785 5179900 15
51799009100511800
9900099901636
9900095125640
VVV VVV VVV
L7BV QLW QSA? QRK? QXS
L7BV AR
599000951299 44
VVV VVV VVV
5192 9900

4102.5 kHz, 23-02, 1435 UTC, i.p.

VVV VVV VVV VVV COTS COTS =
7229679613 7715486 2036
722 9669614 7796432036
722 9659615 34585672037
722 9649616 337 70552036
722964 96193397618338
722 6296287749159 2038 AR

M51a / M51b

M51b: 3881//6825 kHz, 13-02, 0832 UTC

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

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

DJKJF ERYRI VPLTO BCVDS ZXASQ MVLGK OYPUI GFHDJ CSRED 16580
BCJWI .,?AS= LMPOY CXRAE XVDRE NBFHG AWQES BCZXR BNFIR PGLRO
.?.,' BCHDE 42369 LAPQI WNSYV VCSDW AQLFP RHFUS BCDVW NKGIR
BCXWY 54783 CBHQA VA'/. , YHHBY CXDWE VNYEA AWQEV XVSFW MBFUR
AWQLG RYUSN 14790 XMLPO ,.AS?VA AJAUW XCSAR LDOEJ GMNRY XBSTW
DSEWX VNFJE LEPWM 65874 VZQJA +/-VA. , ASZXW CHYDE KFOLG VCRWT
CXARQ MFYRU NFNFY AEQDS 12680 GBDHE /.'.? VSWFG XASZW HDJWU
LFPRO CXWRG LSHDF VXRAU CLNOP 54103 BCUEL ,.?'/ BCEUF LGPTO
VZAXW

JHFRD NJSDE ZPOYT QRWET IYUTO POLKJ ZCXVB MNJHB ASFDG 13957
VXSGW .,'ASVA QDSSG LJPUO NVBFG YRTQW ASZXA QPLIH BCDVN HDYEI
10369 VXSUW 'AS?. , TRYEU QEWAR BCXDS MJKHU RQEOH BGHVT XAZSQ
MNKHJ 47850 BQTBS VAAS/?. XCZPQ MLHPI XASQW LCMEY RGSWG XCADQ
PLKMO ZXCVD 75301 XUWDL ./?,= PLOIU BVDGW QTYRE ZXQWU PRUTY
BDGRT XCSRW OKRYU 85247 GRWTJ /?.,' FBFBI PLOIU VZBQI ETFGR
'AS./? NVDME 52036 VDGFS SHGCD AZSQL MNEYH DJFVO ALKCJ QWIVJ
BDGVX 50369 QAVNR 'VA+.? CBXZN MLFKE CALSD ETFUB

GFDTE XVWBQ ABNHU EJLQP AMLIK WNQHZ SJQHS DGRTC XVQJA JUHKD
VCGFY RHQJA KWLQO ZTDFS 35271 WNDGR JQKIL PMAIU 67349 NWJDO
YHDTX XVSFE ZHQA KJQUH NWJFG HRTYU SKLOI MQPAZ BHPAK UJDGC
45270 37658 XVCBD WNQHA JKQLA MPLIK JNDGR VXGQJ HDKRT UJFHV
BCNXH WJQKZ KALMP OIRTD FHCVX 01878 DHNCJ SKRTZ SJWNQ HNGTR
XCWVS QNBHA JQKAL MQLKO PAOQL NCHFG RTDFX WBQJH GBDJX

etc. etc etc.

M51a: 3881//6825 kHz, 13-02, 0920 UTC

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

SAMEDI 6/LEÇON NUMÉRO 1/3 VITESSE 1200 CODÉ =
MXSKW NCJDA KDOWP BCMJK AZMNS SKWID NXSOQ NXSDF HJCSI 26530
BCHSW .,='VA BZAH CXSHA JAQIS NXZKA LDKIW CBSHA ZALOQ BXNSJ
02148 MDYUG ?/.,AS ZAQIS HXAKQ XMNSA AQPOE CNSHW LDOJF XNWMA
LDKOW 48901 SHWTD /.'?', MVKDL SAHQB XVSHD DJWIF SALOJ NCSJS
QAQSD NNCJE 74302 DRWED ?/VA' NVBXC NSWPO NDEYJ DJKED AXZVS
NVLRU LDPEJ WRSFU 43269 HGKRO /'AS,? KDWIC SNSJW VZWPO LFMKR
DREGN MCEIS MCKDO AFQTH 01658 GSWPO .+ ,/ NSYWP ASQEZ NXHWY
BXWJK LFPEI CNMWI ZCVQT MVIEW 49635 KFUEI VA.'AS/ VXBAQ KAOWP
BCHWQ CVDDB FKEIS QEAFY CBDFW VFLPE 41203 SPIJG ?/'VA' ZAJSU
VXBHQ XHQJS BXBWH ALPQE BCBDY CBXBX NXWPO ?.,'/ GDWYD 56320
AZNXM WLJSS FSWTH BXVCS VMKDA ZBCYQ LSOPD VCNWM 93502 JDIWK
?.,VA, ZAUSH BDHWA BXVSG GDYWL POFKE NDJAI BCVXA MQIKD MVLAO
56398 KDOWL .,=' / JXUWG GDJAL PLGOE +

SAMEDI 6/LEÇON NUMÉRO 2/3 VITESSE 1200 CLAIR =

MEKHISSI LES SUIV, PRÊT À RÉAGIR QUAND MUTAI COMMENCE À ACCÉLÉRER, FERMANT VIRILEMENT LA PORTE À L'AMÉRICAIN JAGER. IL N'EST PAS PERTURBÉ QUAND, À 700 MÈTRES DE L'ARRIVÉE, LE TENANT DU TITRE, BIMIN KIPRUTO, CHUTE TOUT SEUL. IL SE RELÈVE, REJOINT VIE LA TÊTE DE LA COURSE, MAIS PERD SON SCEPTRE DANS CET EFFORT. MEKHISSI N'A PLUS ALORS QU'UN SEUL ADVERSAIRE À SA MESURE.EZEKIEL KEMBOI, DÉJÀ SACRÉ EN 2004 ET DOUBLE CHAMPION DU MONDE. IL LE SURVEILLE, MAIS PAS ASSEZ. C'EST UN RENARD, CE KIMBOI, COMMENTE LE FRANÇAIS. ON ÉTAIT À TROIS CENTS MÈTRES DE L'ARRIVÉE, J'ÉTAIS QUATRIÈME, CONCENTRÉ SUR LE FRANCHISSEMENT DE HAIE ET C'EST À CE MOMENT-LA QU'IL A ATTAQUÉ. C'EST VRAIMENT MALIN DE SA PART. C'EST LÀ QUE JE PERDS LE TITRE (8'18'56 POUR KEMBOI ET 8'19'08 POUR LE FRANÇAIS). +

CQ DE FAV22 VA

M51b: 3881//6825 kHz, 13-02, 0946 UTC

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

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

MJHEU ZOIWG HLODG PQUTB KDFRB ASMNT LXCVC HUDVO SKTNI 58726
BCSWK AS'?. , POFKH SVRYX MZLFW GOUVJ AQDEG CNTHP KLJSG PNYFJ
33948 BXAJO .,+/VA PLMME GBYXG JHSRR LMAUR BYDIJ VWAQT ZOUIH
MEGSQ 63591 VAQHS ?.AS,/ AIRFC NTGOK CWSUN SOKAT SMHES OPLFR
BTANS PFIRG 36115 BCZMA /?.' , SICAV HYQWO VHESR OKSBY FKLJS
SMEXR ZZYGT LIMER 22654 ZCZAO , 'VA,AS IMSUY WASPS LUCKY SWAPS
32598 VZAQG ,?., ' MONEP NYDCF LOIUD OPTIO RATES FORWD FUTUR
KIFRC 36541 CZPLO /?VA=' BIDSS GREAT YHTFD VMNSI

XCWVQ AGBWH QJAKL QNWJE SUJAI KQLAP MQNHB XVWHD SJQKA ZUSHQ
YHCUH WCXGF QJAHK QJNKW EUHSI AOLQP AMIJD XBWGR OLAPM QNWBD
XVSGR 35289 10378 SJNXV CHBFG RTSUJ AIKQL WMQPL NJKQI ZYHDG
SJQKA LWMLP CHDFX WVSZD QHGYR QKAIJ WNGOP AMLIF UYUYT GFBCH
SNJKL QMAPY DGXVC BXGCT RTGDH 46387 SBXJA 10638 XBDGH QJAKL
IKAOL XBCVF DHXBW QNAKL QMAPU DGSJQ KANVX WBERS QHAJK QLAMP
RTDGS YHGFC XBWVS QDWXC SGERZ AJHKQ LMCBF HNXRV SHQJE ZUJKI
SLQMA OLJNB VCGRT SHFZA 27189 DHVXB WNSGA QCWGD XJQKL APMLQ
JHNBG UJHNV XCDGE STGZA QHWSV QJAUQ QLAMP NHDGX VCGER 35210
WNXHR APMNC XBWHS QHBGE ZYHSG QJNWK AUJDG SDWCQ XBWJU HYETD
VXKQL KJDGZ QBWNH 36106 XVCGD 35265 QBWHA ZUJHD FVCBX WNQJA
GHDFS QJHYT IKDGS WBXVD SHQGA KLMQP JAPLI JNBVH XJQKI BXJDG

PAKDF DBWHQ AJNKK WLAMP LKIOU GBDHS ZTQDW XVSHZ AHJAJ WJSUG
OALKH BCFVG DGXIU ZJFKA WJQKA UJHWK QLAYT 36281 XNSHQ AJKAW
LAGHD LSJQU ZUTGS XVCKS WBQKA UJQKA WBDHS 36810 XNCJQ AJWKA
KQHAU HNDJS XNWJQ AKLQO APMUT DBCHX WNSHE 37856 QBWHA JQUAG
LOUJG BCHXT DGSUA WNQJA UHDSG XVCJQ WJNKK RISKZ QKLAY BVXHQ
KJGFD XVWBS 18738 SJHTG 26748 WNXBD QGAUJ QJCLI OLAYT DGAIM
MLSHQ VXBDG ETZFS AHBWJ BXJFC SJKUQ WNGBD XCAUH QKJAY ZTDKL
QMAPO IKJNB VCHDT 46893 SBWNG QHAJY HDGST ZBXJS WJNKL QMAPK
BNHYT UJGRD CWVZU QNBHJ AKQLI OJIUY DHVBC 46207 DHBCJ SNXHR
SIAKU KQLGN BVCXD WBSGR SJAGY 35276 BXHDG RTSFZ WXQCA NJKQG
WNVGR 76354 //653 SGBCJ SKAUH WBVDG SNJKQ AUJGF CBXYR SHAOL
QMAPK UJBHG XVSFZ QHATG XHSUJ WBSGZ 37549 NXBDG QJAUH XVCJD

M51a: 3881//6825 kHz, 20-02, 0800 UTC

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

SAMEDI 1/ LEÇON NUMÉRO 1/1 VITESSE 420 CODÉ =
JHFRD NJSDE ZPOYT QRWET IYUTO POLKJ ZCXVB MNJHB ASFDG 13957
VXSGW ., 'AS VA QDSSG LJPUO NVBFG YRTQW ASZXA QPLIH BCVDN HDYEI
10369 VXSUW 'AS?. , TRYEU QEWAR BCXDS MJKHU RQEOH BGHVT XAZSQ
MNKHJ 47850 BQTBS VA AS/?. XCZPQ MLHPI XASQW LCMEY RGSOW XCADQ
PLKMO ZXCVD 75301 XUWDL ./?.,= PLOIU BVDGW QTYRE ZXQWU PRUTY
BDGRT XCSRW OKRYU 85247 GRWTJ /?., ' FBFB I PLOIU VZBQI ETFGR
'AS./? NVDME 52036 VDGFS SHGCD AZSQL MNEYH DJFVO ALKCJ QWIVJ
BDGVX 50369 QAVNR 'VA+.? CBXZN MLFKE CALSD ETFUB +

SAMEDI 1/ LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =

LA COMMUNAUTÉ NATIONALE CONNAIT VOTRE COMPÉTENCE ET LES ÉMINENTES QUALITÉS NÉCESSAIRES À L'EXERCICE DU MÉTIER DES ARMES. ELLE DOIT AUSSI MESURER LES RISQUES QUE VOUS PRENEZ, LA PASSION AVEC LAQUELLE VOUS REMPLISSEZ VOS MISSIONS, LES RÉSULTATS QUE VOUS OBTENEZ SUR TOUS LES THÉÂTRES D'OPÉRATIONS. JE M'Y RENDRAI PROCHAINEMENT POUR MIEUX CONNAITRE, SUR LE TERRAIN, LES FORCES ET LEUR ACTION. JE M'INCLINE DEVANT LA MÉMOIRE DE CEUX QUI ONT DONNÉ LEUR VIE AU SERVICE DE NOTRE PAYS. JE TIENS AUSSI À ASSURER DE MA SOLIDARITÉ TOUS NOS BLESSÉS, QUI PORTENT DANS LEUR CHAIR LES TRACES DE LEUR ENGAGEMENT, ET LES FAMILLES DE CEUX QUI ONT ÉTÉ ÉPROUVÉS. +

CQ DE FAV22 VA

M51b: 3881//6825 kHz, 27-02, 0709 UTC

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

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

YETSR AUSHQ BWJSU APLMQ BWNH ETSFZ WCQJA UWKQI NDHRT XCWJA
MQKAU 26438 BXHDY ETXCQ WNBHJ EUIKL AMPLI NWXXV SHATD WNQHA
UAYDG XWVBD XNQJU ZKQLA MPWNH JDUET XVCHD SNWJE SKQJA JAKSB
JAKLO NHDFE 45768 NXHDT WCDGJ NQKAI OLQUA NWJET QFAIJ LOAUJ
KALIU YHDKL NXCDG 35476 BWNQH AYHSK 19065 NCJRT XCSJU IKAOL
NXJDG FTEUS WNQKI ALPMQ ETDFX 46738 NCBXJ QKALO

GDHET SHQUZ SHQJA KSLQO EYIDH XNDHE SUJZO ALQNP LOKJH NCHFG
IKFHE CBDGS XNWJS QKAIU EYDGS ZUJSI AKNBC XHDE 46328 JQKAI
NWBXG DVXHE ZUJSI 35276 BXNDG SJQUZ AKJIO DLSME DHRTF KJFOL
XNCLD ELSOE RLDHC VNDHR XKSLQ AMZIA DJZOD XNCVD SHQJD 87564
LAUJF CVXBS WNQJT DGSUJ WKQLM PAKNP DNKXHD WNQJZ AJNBC MAJFG
XYZUJ 37828 DJNXJ QKAIU CNXJD WJNDG SHZKL QMPAL

VXBSG ZTQFA KLQMP AIKDG ETSFZ WCQHA 26718 NDGET SCWVD 35427
KLQHR BXHRT ZUSHQ WVXCD AEZYU JKOLP QMATY BCHDF XHSUJ ETSFZ
IKOLE SGAUE XVSGQ WNDXC DFEJQ LAMPW 36278 BXHJU ZJWNQ KLAUH
IORTD CGDUE SHQJZ WBSJE DHAIJ DGSKL NWJHG FVXCD FUYTI HDNXV
IKDGR FHBCV DFDFD ETSGD XHSFE ZYSUA JNWHD SJHUI TGFHE KHFT
GHFGC VBGHY JWKSL QMLAO LUJHG VNJKL XNDHT JKILD XCSVZ KLHGF
56473 SGETF XBDGE XGSTE ZHUJ QKAI 46378 45381 SUJAU OLETD
QMLOA 26480 JDGTE XVSFZ QHAJF VNDKI RUHFG CBXHD ZUJSL IKLOJ
KQUET FKCBF DHGXV CNFGC DTFGR SHJAK WLKQO MAPKI NBHTG

BONJO REWTQ NAKAP BLOOD QZMAP FHRYU SLEEP ARIMA YONJF 47820
BCSMK ?VA,./ FPORE POPEW SBAVW BAVES FLRPO NVBDY LEORP LOPEY
./,,' BXAHO 87420 QAJDE BAGDA RYADS CBHEU LSPWO ADWRW XBSGW
SADAM 78903 CZAOW ,AS'.? CBDGW LDOEP QWADW VXBSS WUJDK XBANQ
MWOPE ADQRF 05894 XABQJ +?.\$VA FNDJE FLAME XVTG SHAME CNBEJ
SIZED ANDUE ZEPLI 12548 SAQWD .,?' JJFRU ASILE XVSGW ADIOS
WALTI XCWTG ALSPO XBNMK 11478 XZAYG /'AS?, LIUTO SFWTJ BADAM
BIPOL VAQGS BILBO FRODO PIPIN 04789 PGUTI ?.,' = CXSEF JGRDK
LGPRK

etc. etc.

M51a: 3881//6825 kHz, 27-02, 0800 UTC

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

SAMEDI 2/LEÇON NUMÉRO 1/1 VITESSE 420 CODÉ =
FSIIF VNFJD BCTWL CBXND QIWUD CNCZZ MNHLP YVBFS QEAXC 32569
VCSGW ,.VA'/ QRXVC VMFKE PTOIY MJFSD AQEZC VNFMG LGKHI POUIY
87965 NCJKW .?AS', NMGKT LHPTO YHJJD RFNAR CBDVJ ZXSDW QAWOY
OPIYU 45698 BCSHW .?,+' LGOTM VCGFB ZCSFW BGHUT LHKYP ERTWY
QIUOF MVNFH 02368 BCSMW ?.AS VA, MBNCX VFGER POQAS XCFDE JGHNF
LKWUE VBCND MLFKG 54796 BSHWL ='/.? ASQEX VMDSO EWGDD LBKGI
'.,?. NCDJE 25893 HDJEE LHKTP ZCXAQ BFGEE SHQUK KDLCX ASDWG
VBNFK 26318 BSHWK 36980 KHJCM LGDHJ CBETJ AQWOT +

SAMEDI 2/LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =
AUJOURD'HUI, CES VALEURS, CETTE TRADITION, CETTE COHÉSION EXEMPLAIRE MAIS AUSSI CETTE INTÉGRATION RÉUSSIE FONT
PARTIE DE LA RICHESSE NATIONALE. NOTRE JEUNESSE EST UN ATOUT POUR NOTRE PAYS ET POUR L'EUROPE ET JE SAIS COMBIEN
NOS ARMÉES SAVENT DÉVELOPPER LEURS ÉNERGIES ET LEURS TALENTS. LA FRANCE AURA PLUS QUE JAMAIS BESOIN DEMAIN, DANS
UN MONDE INSTABLE, D'ARMÉES DE TRÈS HAUT NIVEAU. J'ASSUMERAI PLEINEMENT LES RESPONSABILITÉS QUI SONT LES MIENNES
POUR DÉFINIR, SOUS LA DIRECTION DU PRÉSIDENT DE LA RÉPUBLIQUE ET DU PREMIER MINISTRE, L'AVENIR DE NOTRE SYSTÈME DE
DÉFENSE ET LES REFORMES QUI SONT NÉCESSAIRES À NOTRE PAYS ET À NOS ARMÉES AINSI QU'À LA VALORISATION DE NOS
INDUSTRIES. +

CQ DE FAV22 VA

M89 - Chinese Military

5139 kHz, 01-02, 1103 UTC, i.p.

NR RPT 51W K (Cont'd to ask for repeats)

R QSL 1... K

NR 3018 CK 71 65 0201 1916 RMKS 7898 TO 7893 K

01W = T34N 7T63 N5TD ...

4832//5725 kHz, 02-02, 1636 UTC, i.p.

CQ (x3) DE DP91 (x2) K

NIL NIL HL HR NIL SK GB HR NIL SK GB HR

Note: Although in // with 4832 kHz one roundslip sends K at the end while the other sends V. Roundslip is also sent at different speeds.

4832//5275 kHz, 02-02, 1635 UTC, i.p.

CQ (x3) DE DP91 (x2) V

HR NIL SK GB HR NIL SK

Note: Although in // with 4832 kHz one roundslip sends K at the end while the other sends V. Roundslip is also sent at different speeds.

4123 kHz, 04-02, 1222 UTC, i.p.

UT73 5467 4TDA T5NA 46UD DNUA ... AR

R QSL 2025 K

R R

HR 7G GA K

R R

MSG NR 5210 CK 61 91 0204 2020 RMKS 1259 TO 1254 K

R R

= T643 3AD7 7UDA N5.3 43D5 37NA T3U5 ..U7 7UDN 673N ... AR

R QSL 2031 K

R OK

HR MSG GA K

R R

MSG NR 0439 CK 61 91 0204 2020 RMKS 1254 TO 1259 K

R R

= T7UD 543N 5TUD 4NT7 5UD3 6A5D 5D7A AD34 U436 6AN4 ... AR

R QSL 2035 K

R R HR MSG GA K

R R

R MSG NR 5210 CK 61 91 0204 2020 RMKS 1259 TO 1254 K

RPT NR K

R R NR 5210 K

R R

= .T4 DU.A T... AR K

R QSL 2041 K

R HR WK NR 901.

R HR WK NR 130 K

R SK

SK

3705 kHz, 05-02, 1546 UTC, i.p.

RPT K

IEC = 5931 AR K

R IEC = 1628 AR K

R 7G GA K

R HR 7G GA

NR 019/EX CK 99 2320 RPT

R RPT PL BK

R HR RPT PBL =

NR 019/EX CK 99 55 0205 2310 RMKS 4413 TO 1973 TO 1044 TO A323 K

R RPT RMKS K

RKMS = 4413 TO 197

R AS
HR RPT PBL =
NR 019/EX CK 99 22 0205 2310 RMKS
RPT
R RPT K

4950 kHz, 05-02, 1108 UTC, i.p.

D6ND 3DUN 435D CQ QSL ? K
R QSL 1909 K
RR U 7G GA K
OK MSG GA
7G GA K
7G NR 5167 CK 71 48 0205 1840 RMKS D091 TO D0

5714 kHz, 05-02, 1103 UTC, i.p.

RMKS 6970 TO 6668 K
R QSL ? K
U QSL 1919 K
R QSL 1919 K
R HR WK NR 120 K
R BOZ NIL K

6645 kHz, 05-02, 1022 UTC, i.p.

F NR 003/EX 1823 RMKS 9910 TO 9580 =
ABC1/DEF2 AR AGN
F NR 003/EX 1823 RMKS 9910 TO 9580 =
ABC1/DEF2 AR QSL ? K
R QSL 1826 K (Both stations on this frequency)
R OK
R HR MSG GA K
R GA K
R HR MSG GA MSG
NR 012 CK 199 71 0205 1 ...

3705 kHz, 08-02, 1944 UTC, i.p.

R GA K (Both stations on this frequency)
HR MSG GA NR 023 CK 81 93 0209 0344 RMKS 8119 TO 9981 K
R GA K
R MSG GA = =
34TA 643N 476N AD6U 4U7T UAN4 7N3T 64DU TUT4 TTTU K
GA K
R MSG 11W GA = = T45A 7TAU 7D5A DT4N 73T5 ...

3538 kHz, 10-02, 1006 UTC, i.p.

NR 0226 CK 80 24 0210 1800 RMKS CQ III K
GA (Both stations on this frequency)
7G 1W = = 5D7A DT63 A7U6 3N4T 6N7D ...

4206 kHz, 18-02, 1219 UTC, i.p.

T47A 7UT3 5U36 3NDA DA56 UND3 ... AR K
R QSL 2035 K (Both stations on this frequency)
R U PSE SB K
R OK
R (Switched to voice)

4350 kHz, 23-02, 1209 UTC, i.p.

R F NR 0928/EX 2006 RMKS 9110 TO 9450 = JW/PBL AR K
R F K
R QSL 2011 K
HR 7G GA K
R 7G NR 0929 CK 200 52 0223 2000 RMKS 9110 TO 9450 =
356U AAT3 4AN7 ...

4314 kHz, 24-02, 1203 UTC, i.p.

NA67 UTD3 U47A 6U3D TU43 D34N ...

AR

R QSL 2003 K K (Both stations on this frequency)

R R HR 7G GA K

R GA K

R MSG NR 5 NR 1263... 91 75 0224 1955 RMKS 9683 TO 337. K

R R = = 653U N.NU T5AN ...

4221 kHz, 24-02, 1203 UTC, i.p.

IDID NR 1022

NR 1023/EX 2003 =

V3TE5/HBGH AR

NR 1023/EX 20003 =

V3D5/HBGH AR

NR 1023/EX 2003 =

V3DH/HBGH AR QSY 77SY 7 VVV

4263 kHz, 25-02, 1153 UTC, i.p.

R R HR 7G GA

R GA (Both stations on this frequency)

NR 2034 CK 65 98 0225 1955 RMKS = 3968 TO 8385 AR K

R GA

= = 63NT 3TA6 5N3A

M95 - Chinese Military

4243//9054 kHz, 01-02, 1146 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 01-02, 1150 UTC, M95: CW

V HR MSG TO YR PSE CY

NR 014 CK 49 35 0201 1556 =

5AA UTT TTA 3U6 7TA N44 3A4 5T7 5TD ...

AR MSG AGN

NR 014 CK 49 35 0201 1556 = (Repeats message)

AR A HR 7G GA

NR 044 CK 16 35 0201 1600 =

UT5 TTA 3U6 3A4 TTA TTU TT3 773 35U N3D

353 4U6 447 46D 4D6 3D3 AR

AR MSG AGN

NR 044 CK 16 35 0201 1600 = (Repeats message)

AR A HR MSG

NR 02 CK 228 35 0201 1600 =

UTU .A3 UT5 3A4 TTU 773 35A U4T 353 4TA ...

4364//8073 kHz, 01-02, 1130 UTC, V26: USB. XSV85: callup in Chinese voice

4364//8073 kHz, 01-02, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 01-02, 1140 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0115 CK 342 35 0201 1608 =

TTA 3U6 3AN 3U7 TAU 773 TA7 773 35N 35N ...

4243//9054 kHz, 03-02, 1142 UTC, Q26: 4+4 QPSK 75/3000. Messages

4243//9054 kHz, 03-02, 1150 UTC, M95: CW

V HR MSG TO YR PSE CY

NR 018 CK 73 35 0203 1522 =

5AA UTT TT3 3U6 3A4 5T7 5TD 75U 354 75D ...

AR 7G AGN

NR 018 CK 73 35 0203 1522 = (Repeats message)

AR A HR 7G GA

NR 06 CK 189 35 0203 1532 =

UTU TT3 3U6 3A4 TTU 773 35U 3TA 336 N3D ...

4364//8073 kHz, 03-02, 1130 UTC, V26: USB. XSV85: callup in Chinese voice
4364//8073 kHz, 03-02, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages
4364//8073 kHz, 03-02, 1138 UTC, M95: CW
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0119 CK 293 35 0203 1630 =
TT3 3U6 3AN 3U7 TAU 773 353 4T4 NN3 435 ...

4917 kHz, 03-02, 1437 UTC, i.p.
NR 003/EX 2236 RMKS 7864 TO 7516 =
AGM6/GTR5 AR AGN
NR 003/EX 2236 RMKS 7864 TO 7516 =
AGM6/GTR5 AR QSL ? K (1
R QSL 2239 K (Both stations on this frequency)
R OK U F GA K
R HR F GA F NR 003/EX 2239 RMKS 7516 TO 7864 =
KIM1/LGJ2 AR AGN
NR 003/EX 2239 RMKS 7516 TO 7864 =
KIM1/LGJ2 AR K
R RPT 01W K
R RPT K
R RPT 01W K
R RPT 01W KIM1 KIM1 K
R QSL 2242 HR MSG GA K
R GA K
R HR MSG GA MSG NR 004/CCK CK 99 83 0203 2242 RMKS 7864 TO 7516 K
R OK GA K
R = D.U5 NU53 U53U NTAU 53UA U33N UANU 4673 3UDN D756 U6U3 ...

5555.5 kHz, 03-02, 1418 UTC, i.p.
7G 7G =
7G 7G = = NR NR .51/CCK CK
7G 7G = = NR 052/CCK CK 19 .. 0203 RMKS
VV / NR 1 CKK CK 7G NR 019 CK .1. 3020 . 21

4243//9054 kHz, 05-02, 1146 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243//9054 kHz, 05-02, 1147 UTC, M95: CW
VVV HR 7G TO YR PSE CY
NR 022 CK 48 35 0205 1552 =
5AA UTT TT5 3U6 3A4 5T7 ...
AR 7G AGN
NR 022 CK 48 35 0205 1552 = (Repeats message)
AR A HR 7G GA
NR 056 CK 22 35 0205 1613 =
UT5 TT5 3U6 3A4 TTA TTU TT3 773 356 4AA
33U 34A 4TA 446 336 N3U 445 4D3 3DU N3D
3DA AR 7G AGN
NR 056 CK 22 35 0205 1613 = (Repeats message)
AR A HR 7G GA
NR 10 CK 171 35 0205 1640 =
UTU TT3 ...

4364//8073, 05-02, 1130 UTC, V26: USB. XSV85: callup in Chinese voice
4364//8073 kHz, 05-02, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages
4364//8073 kHz, 05-02, 1140 UTC, M95: CW
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0123 CK 380 35 0205 1616 =
TT5 3U6 3AN 3U7 TAU 773 TAN 773 TUT 773 ...

4243//9054 kHz, 05-02, 2340 UTC, V26: USB. Callup in Chinese voice
4243//9054 kHz, 05-02, 2342 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243//9054 kHz, 05-02, 2349 UTC, M95: CW

VVV HR 7G TO YR PSE CY
VV HR 7G TO YR PSE CY
NR 057 CK 25 35 0206 0633 =
UT5 TT6 3U4 3A4 TTA TTU TT3 773 35U U4T
353 4AA 34A N3D 4TA 445 353 N3U 447 4D3
N3D 4D6 3DA N3D 3D4 AR 7G AGN
NR 057 CK 25 35 0206 0633 = (Repeats message)
AR A HR 7G GA
NR 023 CK 42 35 0206 0640 =
5AA UTT TT6 3U4 3A4 5T7 5TD 75U 35U 4AA
446 3DU 336 N3D 4TA 447 3D3 4D3 5TN 75U
35U 4AA 34U N3D 4TA 446 3DU 336 N3U 447
3D3 4D3 5AA 75U 35U 4AA 336 N3D 4T3 446
3DU 4D3 AR 7G AGN
NR 023 CK 42 35 0206 0640 = (Repeats message)
AR A HR 7G GA
NR 11 CK 118 35 0206 0657 =
UTU TT6 3U4 3A4 TTU 773 35A U4T 353 ...

4243 kHz, 09-02, 1152 UTC, I.p.

AR A HR MSG GA
NR 18 CK 137 35 0209 1555 =
UTU TTN 3U6 3A4 TTU 773 35A U4T 353 4AA ...

4364//8073 kHz, 1137 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4364//8073 kHz, 1140 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)
HR MSGS GA PSE CY
NR 0133 CK 441 35 0209 1631 =
TTN 3U6 3AN 3U7 TAU 773 357 373 46 NN3 ...

4243 kHz, 10-02, 1144 UTC, Q26 4+4 QPSK 75/3000 LSB. Messages
4243 kHz, 10-02, 1149 UTC, M95: CW

VVV HR 7G TO YR PSE CY
NR 032 CK 17 35 0210 1522 =
5AA UTT TAT 3A6 3A4 5T7 5TD N44 5TN N44
5AA 75U 35U 4AA 445 3DA 4D3 AR 7G AGN
NR 032 CK 17 35 0210 1522 = (Repeats message)
AR A HR 7G GA
NR 20 CK 120 35 0210 1609 =
UTU TAT 3U6 3A4 TTU 773 35A U4T 353 4TN ...

4364//8073 kHz, 10-02, 1130 UTC, V26: USB. XSV85 callup in Chinese voice
4364//8073 kHz, 10-02, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages
4364//8073 kHz, 10-02, 1140 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)
HR MSGS GA PSE CY
NR 0137 CK 315 35 0210 1609 =
TAT 3U6 3AN 3U7 TAU 773 TA7 773 354 N3D ..

4243 kHz, 12-02, 1144 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243 kHzm 12-02, 1149 UTC, M95: CW

VVV HR 7G TO YR PSE CY
NR 036 CK 21 35 0212 1507 =
5AA UTT TAU 3U6 3A4 5T7 5TD N44 5TN N44
5AA 75U 35A N3D 353 DN7 36T 4TN 445 3DA
4DD AR A HR MSG GA
NR 24 CK 146 35 0212 1547 =
UTU TAU 3U6 3A4 TTU 773 35A N3D 353 4TN ...

4364 //8073 kHz, 12-02, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 12-02, 1140 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0143 CK 263 35 0212 1600 =

TAU 3U6 3AN 3U7 TAU 773 353 4T3 NN3 446 ...

4243 kHz, 15-02, 1146 Utc, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 15-02, 1149 UTC, M95: CW

VV HR 7G TO YR PSE CY

NR 30 CK 227 35 0215 1530 =

UTU TA5 3U6 3A4 7TU 7TA NU6 7T5 777 76T ...

4364//8073 kHz, 15-02, 1130 UTC, V26: USB. XSV85 callup in Chinese voice

4364//8073 kHz, 15-02, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 15-02, 1142 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 0149 CK 431 35 0215 1607 =

TA5 3U6 3AN 3U7 TAU 773 353 ...

4364//8073 kHz, 16-02, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 16-02, 1143UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

NR 0153 CK 516 35 0216 1638 =

TA6 3U6 3AN 3U7 TAU 773 353 35N 4T3 ...

9054 kHz, 16-02, 1147 UTC, Q26: 4+4 QPSK 75/3000 LSB

9054 kHz, 16-02, 1152 UTC, M95: CW

VVV HR MSG TO YR PSE CY

NR 32 CK 141 35 0216 1526 =

UTU TA6 3U6 3A4 7TU 7TA NU6 7T5 777 ...

4243 kHz, 23-02, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 23-02, 1147 UTC, M95: CW

VV HR 7G TO YR PSE CY

NR 058 CK 48 35 0223 1538 =

5AA UTT TU3 3U6 3A4 5T7 5TD 75U 357 75D

377 4T3 34T N3D 4T6 445 3DA 4D6 N3D 4D3

5TN 75U 357 75D 377 4T3 446 346 N3U 445

3DU N3D 3DA 4D6 N3D 4D3 5AA 75U 353 N3D

354 37U 4T4 446 3DU 4D6 N3D 4D3 AR MSG AGN

NR 058 CK 48 35 0223 1538 = (Repeats message)

AR HR 7G GA

NR 020 CK 15 35 0223 1552 =

UT5 TU3 3U6 3A4 TTA TTU TT3 773 353 U4T

354 4T7 445 4D6 3DA AR MSG AGN

NR 020 CK 15 35 0223 1552 = (Repeats message)

AR HR 7G GA

NR 46 CK 161 35 0223 1700 =

UTU TU3 3U6 3A4 TTU 773 353 N3D 354 336 ...

4364//8073 kHz, 23-02, 1130 UTC, V26: USB. XSV85 callup in Chinese voice

4364//8073 kHz, 23-02, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 23-02, 1139 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0181 CK 287 35 0223 1553 =

TA3 3U6 3AN 3U7 TAU 773 564 T3N N3 436 467 ...

4243 kHz, 24-02, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 24-02, 1150 UTC, M95: CW

VV HR 7G TO YR PSE CY

NR 060 CK 36 35 0224 1540 =

5AA UTT TU4 3U6 3A4 5T7 5TD 75U 354 37D

4T3 445 3DA 4D3 5TN 75U 354 37D 4T3 445

34A 446 3DA 3DU 4D3 5AA 75U 354 37D 4T3

446 33N 447 3DU 3D3 4D3 AR MSG AGN (447 sent as 337 when msg was repeated)

NR 060 CK 36 35 0224 1540 = (Repeats message)

AR A HR MSG GA

NR 48 CK 162 35 0224 1558 =

UTU TU4 3U6 3A4 7TU 7TA NU6 D6D 736 777 ...

4364//8073 kHz, 24-02, 1130 UTC, V26: USB. XSV85 callup in Chinese voice

4364//8073 kHz, 24-02, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 24-02, 1137 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 0183 CK 238 35 0224 1657 =

TU4 3U6 3AN 3U7 TAU 773 TA7 773 353 4T3 ...

4243 kHz, 25-02, 1149 UTC

VVV HR 7G TO YR PSE CY

NR 062 CK 37 35 0225 1526 =

5AA UTT TU5 3U6 3A4 5T7 5TD 75U 354 N3D

35U 4T3 445 3DA 4D3 5TN 75U 354 N3D 35U

4T3 445 344 N3U 446 3DA N3D 3DU 4D3 5AA

75U 357 4T3 446 467 3DU 4D3 AR 7G AGN

NR 062 CK 37 35 0225 1526 = (Repeats message)

5AA UTT TU5 3U6 3A4 5T7 5TD 75U 354 N3D

35U 4T3 445 3DA 4D3 5TN 75U 354 N3D 35U

4T3 445 344 N3U 446 3DA N3D 3DU 4D3 5AA

75U 357 4T3 446 467 3DU 4D3 AR 7G

AR A HR 7G GA

NR 026 CK 15 35 0225 1552 = (Repeats message)

UT5 TU5 3U6 3A4 TTA TTU TT3 773 35U U4T

353 4T3 445 4D6 3DA AR 7G AGN

NR 026 CK 15 35 0225 1552 =

UT5 TU5 3U6 3A4 TTA TTU TT3 773 35U U4T

353 4T3 445 4D6 3DA AR 7G

AR A HR 7G GA

NR 50 CK 184 35 0225 1600 =

UTU TU5 3U6 3A4 7TU 7TA NU6 D6D 736 777 ...

4364//8073 kHz, 25-02, 1140 UTC

V BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0185 CK 328 35 0225 1621 =

TU5 3U6 3AN 3U7 TAU 773 357 TAU 773 357 ...

DIGITAL MODES

HM01 - Dirección General de Inteligencia

Comments	Groups	Files
The groups from January 30 th were repeated on 1, 2, 3 and 4 February.	30511 46021 32846 82632 50213 87277	63433051.TXT 50084602.F1C 14003284.TXT 53408263.TXT 00835021.TXT 36178727.F1G
New groups noted in the morning at 0758 UTC on February 5 th	30516 46025 40303 82637 43211 07054	63433051.TXT 50084602.F1C 60774030.TXT 53408263.TXT 22564321.TXT 82700705.TXT
New groups per 1558 UTC on February 5 th	30517 46026 40304 13061 43211 07055	63433051.TXT 50084602.F1C 60774030.TXT 50351306.TXT 22564321.TXT 82700705.TXT
New groups on February 6 th	30518 46027 40305 13061 43212 07056	63433051.TXT 50084602.F1C 60774030.TXT 50351306.TXT 22564321.TXT 82700705.TXT
New groups on February 7 th	61681 46028 40306 13062 43213 07057	61336168.TXT 50084602.F1C 60774030.TXT 50351306.TXT 22564321.TXT 82700705.TXT
New groups on February 8 th	61681 46029 40307 13063 43214 42671	61336168.TXT 50084602.F1C 60774030.TXT 50351306.TXT 22564321.TXT 67284267.TXT
New groups on February 9 th	61682 33561 40308 13064 43215 42671	61336168.TXT 32533356.TXT 60774030.TXT 50351306.TXT 22564321.TXT 67284267.TXT
New groups on February 10 th	61683 33561 40309 13065 43216 42672	61336168.TXT 32533356.TXT 60774030.TXT 50351306.TXT 22564321.TXT 67284267.TXT
New groups on February 11 th	61684 33562 71641 13066 43217 42673	61336168.TXT 32533356.TXT 36257164.F1G 50351306.TXT 22564321.TXT 67284267.TXT
New groups on February 12 th	61685 33563 71641 13067 43218 42674	61336168.TXT 32533356.TXT 36257164.F1G 50351306.TXT 22564321.TXT 67284267.TXT
New groups on February 13 th	61686 33564 71642 13068 44651 42675	61336168.TXT 32533356.TXT 36257164.F1G 50351306.TXT 35664465.TXT 67284267.TXT
New groups on February 14 th	61687 33565 71643 46051 44651 42676	61336168.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 67284267.TXT
New groups on February 15 th	61687 33566 71644 46051 44652 42677	61336168.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 67284267.TXT
New groups on February 16 th	61689 33567 71645 46052 44653 42678	61336168.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 67284267.TXT
New groups on February 17 th	51511 33568 71646 46053 44654 31541	10655151.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 58183154.TXT
New groups on February 18 th	51511 44181 71647 46054 44655 31541	10655151.TXT 63204418.TXT 36257164.F1G 27864605.TXT 35664465.TXT 58183154.TXT
New groups on February 19 th	51512 44181 62431 46055 44656 31542	10655151.TXT 63204418.TXT 31026243.TXT 27864605.TXT 35664465.TXT 58183154.TXT
New groups on February 20 th	51513 44182 62431 46056 44657 31543	10655151.TXT 63204418.TXT 31026243.TXT 27864605.TXT 35664465.TXT 58183154.TXT
New groups on February 21 st , repeated on 22-28 February	51514 44183 62432 46057 44658 31544	10655151.TXT 63204418.TXT 31026243.TXT 27864605.TXT 35664465.TXT 58183154.TXT

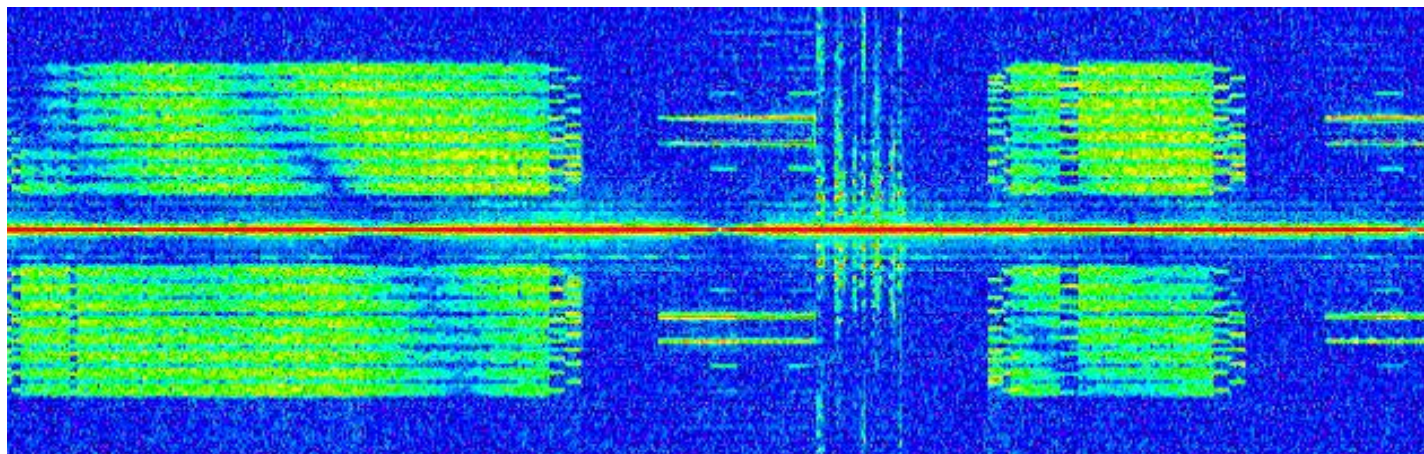
Oddities:

11435 kHz, 11-02, 1600 UTC Carrier only

11530 kHz, 11-02, 1700 UTC Carrier only

17480 kHz, 11-02, 2200 UTC 61684 33562 71641 13066 43217 42673. Radio Habana Cuba briefly at 2250 UTC, then off

12180 kHz, 13-02, 0958 UTC Carrier only

***F01, F06, F06a, M42, M42a, M42b, X06 - Russian Government & Intelligence*****M42 – various modes**

16190 kHz, 02-02, 0815 UTC, MFSK-66

16039.5 kHz, 02-02, 0830 UTC, MFSK-66

15971 kHz, 04-02, 0810 UTC, MFSK-66

16311 kHz, 04-02, 1245 UTC, MFSK-66

16313 kHz, 04-02, 1230 UTC, MFSK-66

15627 kHz, 05-02, 0930 UTC, MFSK-66

16320 kHz, 05-02, 0835 UTC, MFSK-66

14444 kHz, 09-02, 0800 UTC, MFSK-66

14460 kHz, 08-02, 0930 UTC, MFSK-66

14508 kHz, 08-02, 0912 UTC, MFSK-66

14681 kHz, 08-02, 1230 UTC, MFSK-66

11574 kHz, 10-02, 1155 UTC, 5xMFSK-16/250Bd-BPSK

10428 kHz, 10-02, 0920 UTC, 5xMFSK-16/250Bd-BPSK

M42b – FSK 50/500

6925 kHz, 03-02, 0547 UTC, CW

LKDW wkg PRAT: QSA NO QSY 13000

5158 kHz, 22-02, 0844 UTC, CW

G5OP wkg SN7D. Messages sent in FSK 50/500

5178 kHz, 22-02, 0846 UTC, CW

G5OP wkg SN7D. Messages sent in FSK 50/500

5926 kHz, 23-02, 0738 UTC, CW

7MKI clg WI6F

F01 – FSK 200/500

8155/6844/4527 kHz, 03-02, 1940/1950/2000 UTC

Null message: 5761 00000

12184/10169/8079 kHz, 01-02, 105/1025/1035 UTC

58917 48462 79611 13261 99834 93510 36756 06422 42583 90695
 33554 13037 30097 07012 41577 48949 06518 62748 35200 25656
 02440 51479 60294 37526 89787 08195 43644 52644 54761 67770
 54030 61947 62278 80945 50897 66356 10366 80024 81571 06574
 97929 11456 12941 65255 54333 77502 08547 96223 04237 54183
 87030 60428 66130 77664 22854 73324 07986 16303 75253 93367
 08486 70515 56345 06311 97248 67668 74333 84987 72501 44183
 12753 29273 19625 32020 31681 15904 79021 91759 01869 12856
 36734 59445 07704 37952 36252 99383 79976 66405 34957 80093
 44355 16964 53623 15581 96529 71368 92429 39136 39946 06789
 11910 01842 47082 45942 02284 12972 30194 54571 89599 64468
 32467 40972 52140 06696 75528 37267 45507 67650 24226 67097
 59848 32806 54648 29426 57642 27807 36290 53153 65484 71164
 64325 02207 18328 89171 02910 35818 79586 10208 25457 53655
 85567 80625 62831 80511 87650 69410 95374 70227 90660 53788
 49732 33543 10872 02993 86393 19561 02073 02349 88895 05510
 23140 84885 90622 74499 45550 62653 00143 85947 24274 74935
 11015 68369 80485 95542 07011 89225 69522 66373 98675 81496
 32541 49437 52185 31697 55300 14518 96414 58986 82509 04672
 19178 40097 61183 46741 88552 59741 11436 99081 60254 91192
 48151 53677 56972 36739 01980 34842 30618 82677 13076 61686
 43428 48555 96037 66547 28839 35326 99468 86559 18099 02134
 08608 70554 43530 26384 64467 68487 54391 26814 97905 95564
 06279 54226 02085 88266 09995 79600 91735 94457 50829 34246
 22693 64758 14189 81691 70103 37382 78509 26010 88773 33607
 61394 86246 04085 06090 29909 91654 06905 07193 10979 77414
 50946 69519 62814 85533 76002 15848 93314 00605 05505 40637
 36382 75117 91819 30316 22079 24010 07754 14517 01575 93141
 07678 65462 12811 31382 06723 87679 97834 21004 51471 65236
 07717 46054 80600 58680 56019 03415 98898 68880 06723 86213
 13097 09941 07576 94294 02961 58393 04782 51425 26065 70839
 99975 33924 79703 87240 35425 40408 68364 62041 18388 57338
 50206 90310 20570 00053 60979 21091 13617 33979 38825 75135
 26576 05702 98388 09243 36274 38592 27689 94341 26542 72666
 06179 99550 77215 53375 67435 99368 68870 99005 54914 46203
 14213 01379 44209 75423 52065 39546 30254 35107 64891 11150
 02900 57696 05790 11157 59315 15726 45902 12635 26635 28822
 78168 29273 93297 14165 38360 64325 72522 97586 29347 75668
 46343 27507 59516 11659 63646 58890 31291 97479 90657 99399
 40689 76663 37301 34959 73844 37479 07878 76888 11448 78862
 49493 97808 77032 95598 96685 48506 90039 87415 35675 72946
 09616 21703 36679 63606 80066 04523 27741 24342 13900 39613
 08487 32950 73421 63423 00000

12184/10169/8079 kHz, 02-02, 105/1025/1035 UTC

83324 86424 22649 37620 57695 89185 52238 70619 78728 28348
 87062 85014 78155 93099 00772 62605 07719 30907 49430 52341
 30311 21927 37307 68022 52214 58976 10498 25161 51151 06513
 45565 52931 79811 37056 25387 42167 49571 68481 19402 15327
 24055 50640 10431 29364 77269 74725 35275 47453 95959 03833
 31262 40495 30898 48149 05949 04351 26786 33211 72145 03727
 85457 34661 15462 78665 42066 77950 86566 74570 58951 26418
 35332 81700 66871 06186 29068 95072 08278 41312 22021 30722
 62339 97629 68332 59235 56381 58718 95641 42515 93446 82441
 81520 64091 00000

71194 84731 57377 19143 14451 17248 56878 80061 30147 21477
57838 39321 75605 78831 16329 97278 27575 22939 24862 13440
43333 13893 27447 00502 24622 26682 05449 72393 51599 89708
13933 44751 78998 34340 73190 11291 11691 41437 45120 44474
01814 95792 49169 93948 34685 84415 97503 81165 95662 99598
54111 13634 35154 32717 47511 67236 73959 69675 91775 10054
16129 23960 95525 66127 61530 68225 63613 42600 35310 50354
21161 68677 76439 04921 14656 19840 52526 96011 69782 25745
93085 52327 10673 85259 58451 80502 70284 37066 86528 65089
00000

12184/10169/8079 kHz, 03-02, 105/1025/1035 UTC

70994 67006 83187 35752 37057 61995 33769 28072 01877 32953
76656 52028 14472 86073 23352 42843 14502 12406 67856 39245
14248 41493 73578 11766 08809 36112 65805 18852 25462 82821
03185 58013 48121 57995 26643 04171 77823 74032 09185 52397
15202 35428 55005 07241 75851 59401 21362 85825 74559 40754
61633 26896 39306 65659 13011 23018 41000 04063 77249 18105
49867 35386 67931 37464 54435 87212 22667 42556 04065 91660
03670 27637 60934 89104 35161 00495 72457 33960 51011 14449
00029 82202 51086 43807 65066 65308 89718 19969 98269 80314
44742 70358 03047 50673 40532 27380 69028 37606 23491 99575
96625 06616 13405 22188 18556 78881 79124 29288 29278 22188
11995 14688 58282 61104 95480 73806 48156 11083 94414 43672
23378 66170 12316 83267 60770 95029 90214 61389 97550 24933
45413 44213 37918 18447 73629 99758 44107 72472 62956 61429
22863 94336 93071 17829 43253 34625 18145 21031 46768 81435
56870 30491 35649 45752 38063 34798 50370 92611 75265 18437
72218 97765 68791 65762 11913 34514 58649 19370 70195 20402
76781 35043 81325 78470 72059 00472 75435 92741 06469 09932
20655 62635 45921 12104 30970 85989 94138 73228 50739 25390
43036 22777 51806 37490 38048 73830 04145 69991 81830 35356
05986 56007 24788 58563 84341 60464 15843 84526 01889 58246
11904 85270 31132 48761 69465 15499 81788 36625 66762 17150
92334 33148 29942 43977 21654 58300 61666 98335 01712 47863
95602 97361 37209 95438 25224 10738 63147 84009 80364 37218
96232 86740 49967 12126 41078 41705 74463 62980 37116 30217
56214 55467 57176 13480 61456 96918 93664 07208 12193 89511
93272 98929 91457 50347 26159 37658 10403 40626 00544 50606
10632 71082 58651 66641 00235 75883 14935 51171 46938 72161
22526 82133 76837 47395 78843 21794 52120 41794 06302 64033
26236 17901 69050 61800 99948 34581 11689 64440 26697 67601
30894 19568 40716 43970 15889 19176 06347 82244 18705 94677
11975 55970 40155 90554 57038 22464 42483 71310 05533 84109
24593 41411 04469 74362 20829 82899 90693 85648 09217 40374
34546 81348 40123 08022 93748 59042 21255 98384 76007 57223
19954 97552 33722 22646 68702 36475 39284 80514 84798 33062
14360 74681 40126 84788 11623 70064 41956 16462 72370 34446
10723 12858 08448 41865 65718 90906 81925 64772 54619 91120
80979 47144 87810 92939 15390 75741 63428 83699 80106 91699
94061 35894 60325 09641 71054 72425 76496 36489 27340 24537
92722 07181 84749 12104 36964 79461 96731 00975 06502 54947
22415 17050 57093 18646 92965 21793 99251 14120 56156 78849
50099 96486 10103 66463 14218 30431 62092 15392 91946 25431
73455 76985 38552 25374 76402 51138 22720 94759 73773 28788
57799 66431 00000

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79702 47560 40274 38950 72826 94512 38632 33401 81731 39003
44397 96248 53490 22419 69642 88620 72526 35803 89198 57679
14764 34332 31751 85907 62801 56960 96838 69786 68070 80933
46144 70062 70893 65845 42560 00775 14395 66941 35431 49246
13195 22342 15431 44219 62829 43881 87508 14317 00828 66246
35332 04031 55385 34107 75681 39414 42578 31917 26209 60663
98043 86081 35029 63795 54074 94174 45553 18577 98060 60894
95019 54924 73215 45445 70151 34945 07525 50034 68380 52804
81853 04164 38076 29621 73157 24418 96214 95563 33719 54421
46927 76345 92369 14661 49366 26295 88606 67097 00000

94100 26699 97723 15115 48887 54198 99820 32485 89584 24079
67040 86867 98919 87846 21248 84249 65105 52947 06577 54839
61911 76873 28724 93316 68674 60980 92792 91766 53698 61204
25594 94964 69452 57846 93368 32723 33044 51645 50853 08973
90365 78292 82629 52265 87379 58596 22702 57398 96971 26482
63227 72832 74797 02006 88349 13600 42582 01580 94068 04392
22291 02588 80073 82506 69622 04587 24498 15344 80248 54277
77516 12147 67254 26428 34724 34662 33197 77947 76247 36418
85241 17287 82502 85298 66791 56365 62564 68087 00000

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Null message: 5761 00000

12184/10169/8079 kHz, 08-02, 105/1025/1035 UTC

99711 18462 14650 13168 45632 92212 95838 39801 74709 79569
54489 02426 35005 18371 42453 48666 81411 41954 95736 80106
04636 92777 46331 30211 14555 08007 93910 41567 20175 88018
92082 15879 73348 83741 28874 35149 68447 63795 06144 77499
15188 47342 47610 76045 26783 13604 90176 94284 90613 23974
38247 16419 13610 17666 85717 76063 59523 66835 35330 71766
20285 02109 70076 42782 88631 44462 56344 03540 24185 04390
83482 60239 30183 34284 69489 58011 83036 44985 87487 32084
81909 22427 92703 61390 10506 05312 54608 48054 28246 09769
23934 71192 33034 11911 89229 88470 62786 24247 02664 83853
27923 26876 79750 84978 91998 39407 02684 98600 42670 44534
81983 37540 20182 99212 56115 37567 95556 94373 33803 87674
15682 49100 08686 22157 57481 50226 01044 47953 58349 73276
06249 05670 15048 45694 54649 87742 68247 38284 12562 62159
14899 95831 79069 75191 15622 42798 58305 31557 89305 25073
11911 75477 12102 73683 21360 21036 62999 01417 14833 05299
83168 68298 38327 62627 41261 76846 75697 43615 21859 83052
47304 27092 79253 34021 41968 98638 23736 68208 61907 94033
32611 39196 85356 31081 03090 48936 76544 78264 89274 01408
97723 33640 90405 12620 02940 12430 82575 37901 18225 66744
11072 02411 37905 85867 85572 45811 91710 50547 45341 17034
62368 39728 86641 80089 58375 13165 69541 16840 71638 18344
46303 37688 74654 95171 78536 36112 36938 76842 35317 47985
65372 10342 89438 01620 98170 45016 54012 69468 07143 62641
26569 57425 87946 47439 32878 92662 43016 19469 87664 95935
86855 79834 14395 49306 28378 41150 91346 95206 09990 41691
16123 27790 08096 66679 05824 62503 24720 25130 75038 94826
24923 55709 58860 84098 99714 60024 73117 23387 59139 86798
28981 81328 85218 15362 44174 26877 99456 11897 17935 72901
24571 56868 61945 99568 45162 67092 04405 43448 96982 60867
09429 63278 39520 39604 78972 18329 91557 84405 29464 20298
34418 91019 60324 44686 12567 91612 56574 12574 86267 36792
92712 78752 15974 36324 30047 87136 83149 81979 24672 79402
77203 00945 88275 67780 03217 13238 68973 07957 90170 91566
44339 32993 04338 47063 43839 34239 97549 89336 42843 00137
44999 78752 15974 36324 30047 87136 83149 81979 24672 79402
01426 81876 10438 08144 12983 52852 26110 64587 56242 27383

55063 16554 80474 12632 12199 08919 36986 74779 51629 03346
64541 34863 89654 11876 51048 45972 34465 64201 63703 12720
27273 32080 64782 38946 24556 59306 55265 14576 76105 70690
13472 77572 78558 58475 20913 11936 09110 69641 92534 67662
69080 42514 53542 69413 00000

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48695 82501 88650 18082 49227 02641 71955 23726 03413 05270
52886 13691 11734 99028 80770 40261 38808 97989 55922 29776
15234 24650 13369 45052 68443 57954 31689 73290 81002 18512
27877 44162 99779 08221 24181 07758 44437 46460 97856 27083
88675 70069 49760 64798 12669 89263 52735 68882 50126 16715
65715 86905 78427 11949 24488 63607 25253 08270 45061 01464
90164 14389 00561 88926 04554 07951 57598 26027 78418 63136
83056 70071 00000

83028 89106 37886 77960 05323 32683 25175 05871 24379 36330
39455 28486 48520 87252 19654 29974 21209 90916 08902 79957
35466 11915 02593 92597 23001 88362 64130 24042 35238 05768
38028 56701 58418 41315 15068 43770 29981 14494 29189 12447
48390 05010 90810 49277 93617 23922 86265 16067 00448 48942
98027 69798 51810 59826 25438 84983 84313 34805 10603 01907
23174 93985 99147 49171 88732 00663 90537 14010 41732 56481
57618 58779 59560 51381 40098 07088 60632 54261 41633 47992
19102 55311 85216 31689 37103 95935 06556 55156 66690 47215
90131 61170 98670 71093 00000

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03512 14306 03022 50431 82141 16562 05828 52062 78201 85899
45266 50811 68684 66832 16640 61836 97619 95691 57540 27755
26407 96055 43737 91853 68626 96538 96892 30384 20255 25634
77520 11124 21233 63298 61640 70399 09317 53952 24563 25749
52154 10606 80235 66418 68512 64776 49597 88880 74617 41898
56375 69557 16515 66904 73757 91936 74412 29682 70379 70271
49932 65062 29073 37055 72201 27064 36798 86438 83740 62052
69210 90810 92066 10520 18287 32695 97958 92155 36465 19176
36321 53920 95717 71023 90581 85775 85005 03725 66562 33801
94550 42586 36760 65338 60360 39105 90975 65891 67446 80811
54226 72442 35167 11738 57886 72883 33140 05733 74978 26253
01159 59787 55570 83454 71550 99571 23207 13156 17411 14366
18306 62547 75155 63573 99476 07654 14829 21999 38675 72886
56601 56093 71154 24513 56894 48333 86125 67752 12575 11936
69090 02162 56654 63097 31768 15012 43921 42935 90548 17344
49965 06318 79434 52383 32006 19795 08381 31009 24985 35774
02985 73961 71339 35173 86464 65469 07914 55709 89857 47997
58435 48019 01378 12792 04989 26799 90876 65913 36937 09157
70328 74449 00723 57352 76304 22582 98977 68122 85336 32218
12399 75777 98149 27847 42801 61251 53661 50329 00813 84295
58719 49298 86627 81012 44484 08862 37265 93896 85423 86293
38771 26594 41833 68395 26800 40551 11832 75232 24007 35741
03769 65908 87702 82673 64977 26083 66190 97840 27810 41922
87238 79831 58908 90148 27119 48257 22615 98905 33645 52708
94498 59098 01656 43917 85908 90919 24376 24311 65498 95234
69093 20150 88665 44517 50591 42434 70838 93021 00771 28768
65539 10889 57900 83368 33187 71855 23940 57406 11540 49267
63356 36864 23754 00088 41888 30107 84964 41569 28693 72340
93344 50300 10299 89156 16577 38296 89821 86346 09666 85829
69869 58169 25040 35686 42573 31271 00878 78535 35185 86426
38591 84105 84686 25308 05403 57832 39827 74458 22973 27704
14055 43661 27977 90954 37747 80885 15616 75310 83214 91009
01956 94483 60878 10498 66065 02579 10091 55218 57868 77122
33009 83597 82661 85389 44987 42294 98223 13718 39894 86579
85468 64499 93827 92605 78562 50534 55626 03771 65457 41436

97651 78336 94766 41775 25250 30515 49931 05648 68351 82197
76606 17359 03631 67509 74208 92903 80671 57391 87554 81941
50573 96387 59549 74940 20442 68821 30832 45190 82185 36560
97339 80361 89077 15549 61718 83306 78498 83297 39516 46784
64316 34512 06104 31800 47331 27066 95250 04242 17216 85479
85297 09511 44410 54115 33874 89824 85388 17265 47076 73884
49737 28314 94061 93588 02500 15186 02994 07494 00201 54233
99261 35694 84008 29778 71934 35815 78452 21485 79369 74811
69158 72431 00000

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11591 41883 24382 12403 56804 58724 85006 10415 85278 12986
14899 48382 95674 57914 54963 79241 69747 62611 27352 71933
18093 84519 16612 10882 46299 43947 61082 46745 77458 80340
52987 90622 91945 94976 70658 68908 70438 09770 91317 80975
51085 96879 57872 26880 36774 58809 98145 97268 13437 63677
19984 42689 65330 65351 30692 64475 98217 63134 54207 94404
06408 73061 00000

66136 71743 30239 78943 48266 72131 44052 23289 25961 38407
54178 16396 47538 44750 69482 67412 57824 85776 90464 90926
65190 55464 22634 67585 13371 50004 09511 02851 44008 24258
33692 26091 60852 56531 59424 97190 31567 01319 15119 12869
88059 34737 39244 29889 11292 22315 38030 47353 11498 63835
28437 15268 39754 94917 64804 61559 91822 50022 72637 54741
90232 16574 37953 44414 55511 34878 25639 46775 02517 23532
25240 67348 22802 35011 47639 78097 38959 71113 21045 91129
41865 12961 59731 96160 46783 45236 03982 53947 29240 79344
54643 62851 26635 05190 50767 40751 16506 26252 63734 89453
07391 57655 06337 33835 03223 91901 80231 52856 27209 61982
10212 44675 16102 74113 00000

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59916 93010 75398 08753 91791 59357 39154 73472 74301 12458
37374 78061 14216 44430 97033 64308 30023 70450 82656 73068
92185 48762 90130 82098 56068 64074 57422 28367 17228 22764
34366 25772 43759 33344 78729 14204 65373 70611 70736 00903
23904 46939 63225 80027 14929 39114 09655 41393 75189 44201
37110 04301 95500 62831 56535 37402 63835 33376 27346 50546
68271 65439 18631 69522 14491 46100 34120 29661 37517 17350
93114 49213 12380 48151 84554 68461 93386 49576 36422 65479
36704 06435 67665 84496 85921 23852 14830 37799 25290 12225
50577 67096 30330 58993 36298 75306 70484 60663 75982 64680
43513 13524 63554 42220 46308 86494 40850 78310 11834 24535
08427 29521 66850 56063 56390 61495 90143 02808 07433 32885
75916 15552 89262 26248 32054 84177 78616 36861 67931 95476
84039 55384 51464 37149 59629 05301 40083 71428 66914 21087
15326 26772 27072 78038 75723 81063 30664 09701 67677 34747
97077 73821 59015 97347 00861 52792 84907 35802 07145 99487
20833 58048 83329 64456 62285 30304 79228 65398 15908 51475
92862 84863 31733 33129 64076 07114 31230 58473 63181 30075
10844 18778 66807 13330 25695 50667 38141 48086 83162 22743
53755 60048 01002 44948 44199 81139 09706 99127 40553 51013
03800 14221 44122 34278 71734 34513 61466 64390 59092 54395
71945 50145 44778 18071 19979 05694 34881 07627 49189 90045
03909 67936 20635 66967 38064 41808 82312 21245 60265 13824
82115 92213 41588 86313 41432 10528 28825 35891 31583 49075
42841 23992 20276 24002 27426 59860 80263 06763 53307 39405
77399 33151 07045 08383 80279 20234 19461 23323 58643 27141
13317 08657 62741 20628 74915 33464 00845 31374 79309 56295

57082 11937 23823 11490 16803 32296 49547 35443 91640 73944
55524 56245 61481 08445 35284 95142 75499 71398 90442 53250
79476 67761 01027 81953 61569 69445 57236 60444 33726 91141
82308 28818 90929 55307 01195 50177 15468 82241 34714 00177
18407 66211 23891 07450 35455 23532 14151 93341 19418 23573
54072 84409 96412 38602 88371 96105 78050 73420 49817 11091
46752 60716 79752 00615 56403 33080 31928 62404 15528 07617
39311 73484 45168 44099 48581 81386 28655 62580 51982 82166
95468 31433 71227 58684 06364 61721 73143 77565 31947 68869
21738 68300 41912 87546 96384 32905 47094 50711 30803 59586
61550 68760 52533 38850 76843 69703 27581 05485 65726 86319
39929 54867 57401 01216 60597 07018 51552 85739 85944 16847
63334 93670 49891 54034 16510 95642 39761 00969 26908 65221
70417 42198 43415 52573 96391 43818 38666 06686 66689 46235
66628 32043 51953 18755 29275 90722 98682 49418 19516 85838
90190 68529 32602 87263 18982 75425 00000

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80994 89547 50672 82392 67972 38321 65031 12017 32096 73234
82455 70354 64532 62495 80869 06475 82872 30273 37156 59944
35696 48249 28639 86985 27149 27259 35055 89091 53725 69970
45701 67506 70454 70539 01445 52030 28655 72168 26284 77575
52476 18519 28150 06915 46379 59905 73630 23058 50775 00213
66307 39691 87990 95475 83397 03133 65747 40053 50381 84210
30363 01339 58303 83539 86829 88944 53441 98597 27989 69294
54025 26069 39966 61564 73687 97868 76066 76077 00000

21324 91781 84526 88824 29728 38931 71608 09338 99893 38229
62681 98842 24272 75139 76147 79795 42356 58246 85472 47231
42880 73961 11463 23916 08290 52658 71678 01128 87444 75912
35399 07288 07476 79549 57612 71595 60743 32180 90425 74877
27827 93907 95367 04834 22492 84903 05005 57861 69563 18527
07306 54644 51651 78690 51207 61714 85650 46150 96798 36137
14981 03399 58581 35546 28471 72874 15226 60691 41846 68149
84271 22688 02757 62795 85209 52170 05268 06611 39379 92522
24771 43904 80114 44378 09233 13513 71588 53578 87736 35242
59782 59774 82243 77093 00000

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11172 90859 28771 02617 52983 33965 26940 68691 69576 98331
07242 19878 60492 60937 25931 69244 25129 64061 95836 63149
81290 01775 87584 31065 33050 53016 63721 99951 61372 28440
81682 52866 35920 23212 26555 36505 71494 92957 59554 47353
77543 95044 93166 51133 74166 62372 28885 15252 73070 01884
18484 58908 46896 34960 34766 50579 35364 21905 62716 07548
61678 37691 47004 77169 57614 91172 56779 04568 20739 04936
53673 16444 52204 97981 73979 75679 48528 38432 60917 86438
45833 58439 07942 54435 39958 48493 99011 32073 30880 73304
56788 03130 64901 76466 34661 86679 73019 66068 13572 64947
28928 98449 89556 64769 75089 02296 62949 47360 90301 10246
65181 86063 97213 90209 84117 36779 33218 93579 73864 30760
33159 62525 59989 44448 97298 63554 76085 26062 42963 39537
92623 83596 63334 97364 24029 63948 41794 73454 24908 77833
95276 44258 11390 50198 45069 73989 68484 00801 38479 16743
29428 84663 69826 15191 37930 47068 74189 63054 29272 72795
92336 23529 91189 34284 30293 20859 90475 68411 61971 47235
76250 36570 48304 52222 95819 47727 71322 06886 84077 49174
06609 59815 12371 14623 82568 27235 07788 84366 99956 84376
78780 37170 10091 50308 08084 98588 75201 83421 98846 15404
59340 29731 84932 50851 23298 91208 41311 80347 21958 06317
55492 92383 27537 59943 45922 24286 27136 64907 38298 87530
68045 82245 35731 62288 49242 72450 43685 65903 82521 94854
35652 24980 71683 97343 70472 05774 83232 63595 97265 82568

07020 10017 08891 48728 30254 49585 29875 00118 73339 64765
49763 45563 60961 56697 37806 24067 26868 62843 99935 33431
75775 60272 63966 00009 50841 96790 03953 44244 80148 17076
39648 21712 00619 76027 71993 44320 82815 56511 40584 11390
05054 33683 14045 05278 50277 53083 49251 31233 24109 14687
80336 06191 17548 80103 23425 26172 62721 45101 08018 66984
55146 44656 70984 97910 40926 82707 74085 13080 92336 03807
30968 10193 20217 48846 54569 71300 96622 62062 60875 25327
86165 41496 89956 97011 09488 50086 30227 71963 87291 29615
56873 32525 38389 84653 20364 44113 30175 28726 46014 96745
04998 09866 30505 31424 30827 57750 46323 06071 49693 19611
90048 80702 22306 77094 35422 26535 92304 61274 77134 88688
18583 07988 76288 57212 49102 20699 43439 26079 34663 33065
20189 44865 06040 88397 45238 92797 62947 78207 15858 29840
48247 07014 80704 04526 05856 75622 24924 23215 45773 00031
33470 10467 64688 08184 43594 15204 95576 81734 22425 42378
84747 35019 30582 14799 19768 48424 57772 94837 56701 98338
41285 20672 20104 50871 03339 36773 74205 11529 68216 23321
88727 48034 45121 54228 47763 28484 87686 38470 75160 42016
66096 24396 74850 94194 12728 71720 09548 94277 27276 20882
66277 76579 52280 78443 00000

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14050 34851 44361 71899 96846 19515 55743 42465 84646 66873
01806 56519 60644 10547 13904 62122 96559 41245 81105 57230
20237 63497 27605 45502 38418 28269 69524 89072 44374 89883
93307 69242 65095 60707 22867 91015 27715 62021 67707 92411
49855 94522 69180 44516 83598 76891 87073 53181 67747 25867
93722 98324 68075 76255 67829 71765 10260 64327 05172 99533
35171 23023 88395 59591 31215 62417 83082 30890 23416 33871
52268 34734 23920 01318 06605 54344 73618 68108 32361 43596
29564 32870 64436 60855 77884 72794 96587 88836 76864 77817
46042 79091 00000

20337 05055 50964 16544 71808 45922 35256 49811 57230 68742
29365 27694 19957 32051 09818 27138 91282 00111 11869 69125
74617 57530 71342 71614 28981 20471 49379 17047 25241 11609
76037 14080 73550 91062 73670 58248 45415 60469 46035 21244
38817 82381 44057 23492 59857 82192 44194 69713 19326 24768
00333 52167 67657 82965 55159 51257 16707 40244 21942 88184
21768 94541 72660 09339 22294 55600 93416 07125 64745 52953
93072 06885 55994 96726 76049 74640 20747 58472 15218 25309
61398 64203 85830 36101 43769 16823 46421 80087 00000

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12184/10169/8079 kHz, 22-02, 105/1025/1035 UTC

39849 26657 43470 47968 30436 56880 55526 85492 67102 99376
33657 53530 39792 53356 96356 31719 57607 93896 41841 00278
42332 08316 73656 86784 56040 02947 78337 73193 29968 16272
34794 61556 86847 99335 60136 21867 73887 49380 21602 70470
48577 07642 69293 52485 84519 57244 69399 26651 89464 82132
42587 76074 52743 72969 37268 93276 64273 90950 92407 12997
72348 25467 69573 91197 72372 06543 58912 53684 43747 58010
88738 62804 77083 02336 93422 75638 58937 53041 19269 92144
06255 55670 73069 16669 67706 63219 43023 81287 34107 56980
46697 04386 25101 48731 85738 82944 44313 25218 12005 41944
20132 20845 34805 89336 74337 29540 23951 50031 85737 91710
88286 77306 41020 17234 34400 65114 89993 30421 35196 09693
47414 47896 63019 93931 08576 25312 67018 92940 70868 33865
99429 24230 78468 52519 20482 90973 32369 86899 36600 91762
32927 50780 51588 95309 47119 71106 35502 03529 17689 02493

40876 51428 56380 62124 21003 17266 88434 21017 29952 41385
40553 12550 09017 77191 89496 44232 89263 22683 13519 23619
64901 05998 13823 34338 17119 23388 98220 23136 93109 53090
44187 83912 69961 93494 83501 49653 58084 99082 75650 28216
23895 12546 62191 42902 36408 16538 19268 63745 67456 53497
50440 40469 00202 86961 87055 73036 25639 02838 88306 80732
31774 74040 58198 55724 15165 36953 21590 12033 69517 53140
26510 65843 31010 54748 64923 08111 85058 97043 29147 55382
64177 66507 46101 89781 91657 17943 56567 24091 50719 39016
31671 52867 83853 65684 43741 75533 52012 96929 33767 02376
08364 82258 42613 79393 66277 80384 98197 92929 66235 12542
75812 40029 71359 58870 73778 75448 46239 71292 71614 71276
98745 01347 62921 50075 89521 66387 80150 77505 38839 02609
53468 25357 85501 78318 70871 40925 77486 65905 31778 83676
99017 95932 11253 15135 63745 41804 77064 52928 28730 08425
26764 24934 08914 23313 36976 84453 96765 53581 42073 72372
16798 97242 84439 37215 69619 22267 03508 49058 45240 51827
55741 68227 10298 19176 82771 54710 98891 40590 69862 29240
61725 79816 61897 21964 53232 02460 29069 69662 61383 43754
99465 47425 09849 38141 00744 45749 87217 84110 78060 28977
82954 42727 80474 36024 34781 93294 32982 09330 17167 94570
36390 62963 25631 25004 62207 25832 36524 00398 34743 20924
46985 92463 17601 66520 24768 96679 46751 10324 22612 22918
77377 32426 36858 07246 36679 78070 14983 68373 99811 06130
41751 57152 31174 64244 58670 72589 58197 26565 96423 42798
69855 55022 24995 94324 57061 70074 51142 58296 37148 41862
17928 86822 29622 37714 85990 78085 75367 86932 01234 33560
16502 48807 78640 95801 79057 94787 56873 40237 25688 40751
03377 19394 70576 81433 00000

12184/10169/8079 kHz, 23-02, 105/1025/1035 UTC

78699 21566 02098 15562 60969 23678 66762 10883 04874 16317
78656 29379 70122 94595 71133 01764 04993 48401 11179 25728
86769 83382 98104 28183 76751 14693 26023 46364 69484 31932
02272 88708 40923 58703 38983 61464 25211 55244 59989 71953
74754 37569 90246 44436 83289 11536 19960 09508 76619 45303
60611 52970 00725 28607 35064 35113 61913 92279 68939 16344
98714 86466 75449 50097 90200 40977 50873 28978 30418 56191
22868 95051 23619 97975 18795 50243 79984 95043 46259 27762
16522 62190 03037 10508 92822 97844 58587 07385 36379 29374
74340 23452 37126 82093 00000

10989 67363 92713 01128 97927 12634 49980 32167 27335 84156
97092 50694 12039 54238 11492 98378 07726 13019 77331 38354
16847 81710 20486 73981 01209 69314 60832 54046 26689 89969
67769 94067 88529 83134 29885 68402 90622 03799 74724 52845
77244 74883 99597 22397 40670 19057 99356 33906 53093 12116
02079 48247 96313 25142 48607 71752 87608 47620 76864 21559
25233 08696 96900 44571 01990 38760 67595 44726 60299 38569
10956 98250 87216 48052 24954 61582 72819 32032 80835 01665
80419 25011 15837 83083 00000

12184/10169/8079 kHz, 24-02, 105/1025/1035 UTC

29663 52639 59305 63606 25138 83815 11834 47667 43447 19979
88691 76888 37964 53265 51892 43065 51226 89211 68363 51987
43033 55982 99800 91508 24492 43377 41459 44229 15221 57556
39554 93252 65869 02437 41963 94445 13173 23678 61916 13640
59703 76203 59362 52212 95518 01198 69695 09479 03895 23516
34539 55346 18327 05431 14263 11654 22987 17675 86923 65643
13823 13706 63329 63995 62499 18120 72891 60872 50345 65178
99970 18398 64517 48357 75406 83018 73556 66879 52896 86183
24524 80144 24931 42774 28909 06021 57974 45724 29490 23913
51561 80278 65349 68553 51008 06304 77205 25456 68434 82115

20283 63967 91756 28238 76870 68852 86374 54551 85786 56350
19207 99242 30925 85646 59790 53028 56064 01688 38102 67048
98140 70282 63823 67907 56162 91423 36708 28269 37955 01778
02751 66461 51930 02261 35845 73519 36056 71658 49624 91111
41228 52216 69154 88779 11219 18136 17181 13929 26392 62926
94622 13017 03390 66535 59980 47367 67941 28202 37361 52048
43027 75978 07810 11262 19543 88833 63621 48662 01683 92311
30332 56068 44217 13645 86073 08981 23841 07287 32980 42358
11805 86794 00328 85081 39999 23988 84109 76553 77675 01338
52710 13860 61012 28514 73395 02931 42687 59027 39281 12152
53670 67909 01481 51851 94397 76365 36116 28097 97538 34338
00876 44260 29527 96912 60820 48757 23046 55519 88103 52429
57667 09843 65311 63983 30814 91405 47102 16944 86244 74742
59835 86534 92248 37110 43871 19950 86728 52671 68243 28440
31373 32089 72370 14644 42093 43465 14516 33623 87917 75570
31667 11016 75530 29289 40533 66763 61649 48232 34338 17840
604:8 24443 55103 58417 37963 40136 46113 40920 11481 31417
14231 06383 94716 84902 56777 37578 57354 03197 32641 33317
90314 00144 82317 27398 94193 11814 26558 00605 33046 34140
98322 59220 20683 23157 87721 78474 31671 18774 04630 34377
54239 78020 88665 72364 27253 28705 21223 86194 28472 79414
19238 05544 06251 46806 15384 15726 71895 86115 54378 57976
94846 35834 60089 83747 67886 12473 53135 61437 34541 16368
23657 59002 95897 34462 88947 50883 38981 50984 90646 22689
53919 01991 11160 72067 32051 34685 14009 29208 62188 57456
37800 45408 67205 91584 98482 23149 48149 60542 79605 86103
28057 77830 15243 12536 12666 19282 95289 80501 10211 90788
47799 98318 77483 27358 78070 18716 84354 84472 69147 60118
13937 07659 73443 83494 40587 91221 50161 98211 52914 62081
28202 95331 14011 49631 99248 31781 76065 27588 70715 13844
91564 38732 33246 53403 88263 38512 22449 95379 00111 18422
79564 39792 71319 95109 40738 06890 75770 76141 09595 18788
18937 38364 92810 96043 14511 79807 03349 92606 52928 31046
61064 84431 00000

12184/10169/8079 kHz, 25-02, 105/1025/1035 UTC

83121 61137 54381 09694 23056 55519 79428 98571 75393 05678
16243 31003 70653 04037 01034 33515 43884 12914 55817 43321
91779 43887 53993 79926 49438 35307 76631 70339 35174 70128
70427 82585 36842 01280 43254 47209 38104 76723 58243 71454
08065 81422 12350 75807 02739 38380 10315 07585 51753 35956
69985 11267 28761 73636 19913 60257 28970 43444 75180 79747
02240 89192 02384 85063 00000

62867 44083 17941 10313 33600 12292 17522 30115 88101 92220
04194 48116 48883 87823 29631 57242 28315 74586 14501 52004
29880 99593 17541 17675 12822 98490 89123 41826 68601 71528
20219 02931 82610 85873 22719 15683 79575 96382 02030 37762
76089 02015 07903 67701 88712 80078 74414 88553 71076 65497
85049 37058 78424 67286 23819 02970 83042 39417 98348 88255
88989 48268 45877 80852 19602 03844 58107 22642 76170 46954
85836 76373 91258 09532 09310 21184 25082 90287 85240 31429
78393 12881 06418 18495 20309 58803 34858 40291 54510 92147
94424 08104 72269 18470 33861 45502 65723 44907 96164 78980
99838 33770 55257 65027 66507 66762 05864 83308 69210 62042
17567 50651 11681 11305 88944 35511 89015 86117 00000

12184/10169/8079 kHz, 26-02, 105/1025/1035 UTC

Null message: 5761 00000

Link 00052

20868/18691/16253 kHz, 10-02/11-02, 0900/0910/0920 UTC

11166 00052 14789 10078 02559
06769 96019 42461 45644 91662 73387 70644 77564 36120 42348
94816 68623 00652 29205 06241 48840 04237 94701 46891 94373
25645 82063 43409 66047 82052 17476 03267 58901 12109 86448
90314 48717 52323 34493 21928 46461 53002 65551 54908 96563
13420 36624 52346 79988 40923 72013 48635 08034 63643 45652
54810 17775 51510 04918 71404 05120 25254 34396 01020 56397
58085 83029 77788 64409 99737 03070 55916 39903 77558 74292
24495 54388 54338 11903 40772 75234 47571 81567 99068 78999
39822 70010 77522 53910 34899 84624 29858 27446 39508 80507
14357 79955 75095 38389 77225 30246 49538 41873 32548 04082
43396 27429 06005 21535 90400 05576 34546 64114 56862 76700
39217 07624 49703 89932 13307 31675 07781 18537 93026 41803
56200 50230 02884 65111 28313 15895 92957 05395 85061 05093
10259 68672 86392 41845 71349 95061 94396 19096 28431 57944
12876 15311 46070 16356 93030 41637 30755 31526 59938 93066
80478 83529 39527 02051 46521 48960 90721 17976 24632 25587
72457 60976 17795 14913 00236 23484 37752 98587 71929 17977
37503 69602 67505 94359 91930 04206 52360 75403 68769 85481
38967 83691 57092 14528 86496 58512 45499 70163 43121 86123
67207 03114 60688 91836 54217 75603 36428 67353 67750 82298
61416 31797 97149 13531 80453 49870 44413 46747 93061 55575
36568 77123 50275 54949 33062 23262 26931 06226 20365 68941
74122 00893 10954 26830 81528 94047 88897 35107 04282 57523
69193 22938 34083 54197 63072 05731 19239 56926 66445 96118
63314 60559 13678 41595 57082 60440 63893 24758 23465 95862
11973 87080 80149 78253 00000

20868/18691/16253 kHz, 24-02/25-02, 0900/0910/0920 UTC

11166 00052 62314 24079 02449
50628 31754 41835 88674 00753 54185 29739 90405 36120 70415
98789 60239 35301 24437 37886 62259 86218 23621 59428 11289
03861 03886 68975 39872 49749 41859 69746 39575 34044 24932
56689 50048 54573 15174 79773 94268 66824 68027 81222 83418
02078 91722 36347 39829 75872 58359 52686 11428 53987 02579
07135 76123 68139 68776 25750 59580 98566 92784 35912 14794
65698 28968 45546 36934 98088 58660 29079 11872 68822 40896
24815 21837 17541 91355 73439 56645 00328 00476 52304 03924
34588 26655 85220 16781 31156 25500 32415 82355 30783 01034
90351 39684 87212 89824 56105 20316 64026 13959 35979 10124
37447 63796 03034 55747 22280 96449 33247 64093 63196 60930
74960 68348 58527 85877 31320 58930 08768 90841 60394 02814
06980 07023 22652 99682 13272 18428 30492 48326 80546 59377
79513 21729 23712 29292 66207 74298 49535 10704 21765 29642
89320 01429 16688 22367 01622 96835 15879 92306 37143 83149
88923 54634 83055 27732 05214 94288 28874 77264 68646 58158
21123 99786 71537 43452 98943 31514 72478 05699 27858 14379
27800 34821 73854 35241 31331 72704 85001 02680 42158 70706
72765 22332 05050 10559 10216 56704 93249 37065 89329 80386
28318 76072 04543 66620 56714 36119 54779 66150 87801 17223
81112 64299 22969 75225 82262 27199 30548 15149 75110 73125
46228 11990 92427 29862 03636 82391 34985 64044 24785 55635
20260 93404 25073 17386 94904 17872 12524 24622 03170 30457
85943 15205 28477 93850 61703 60509 50324 93696 83809 34552
83704 04449 79242 00000

Link 10053

13374/11165/9219 kHz, 02-02, 1650/1700/1710 UTC
11166 10053 14789 02073 00049 00000 00000 00000 00000

13464/11548/9323 kHz, 07-02, 1530/1540/1550 UTC
11166 10053 14765 07001 00049 00000 00000 00000 00000

13374/11165/9219 kHz, 09-02, 1650/1700/1710 UTC
11166 10053 78541 09001 00049 00000 00000 00000 00000

13464/11548/9323 kHz, 14-02, 1530/1540/1550 UTC
11166 10053 17935 14001 00049 00000 00000 00000 00000

13374/11165/9219 kHz, 16-02, 1650/1700/1710 UTC
11166 10053 15936 16001 00049 00000 00000 00000 00000

13464/11548/9323 kHz, 21-02, 1530/1540/1550 UTC
11166 10053 14789 21001 00049 00000 00000 00000 00000

13374/11165/9219 kHz, 23-02, 1650/1700/1710 UTC
10053 15973 23001 00049 00000 00000 00000 00000

13464/11548/9323 kHz, 28-02, 1530/1540/1550 UTC
11166 10053 15936 28001 00049 00000 00000 00000 00000

Link 40122

20072/18291/16071 kHz, 03-02/04-02, 0600/0610/0620 UTC
11166 40122 73614 30032 04719
46378 09088 83078 00982 83878 58465 22844 81683 84167 80820
24238 62024 79179 54748 49833 77886 38441 53442 68407 62192
46751 76843 34426 36082 28830 18652 41850 71677 31884 22884
25691 93613 02017 09680 09755 11531 15422 75020 24024 00701
50301 94068 40097 73000 10442 82813 98136 05392 36395 97689
23759 18117 65183 77888 58299 19782 24484 60019 50896 61529
72225 19831 85832 67472 17527 20663 43558 33592 83922 73332
18853 12277 00815 37126 44549 24697 34078 16595 94259 68190
91772 33840 62549 10865 65878 80972 45980 90592 96015 82435
73481 60578 66067 21877 59462 48712 69653 13264 78128 22866
05384 20919 82415 79340 87843 58172 16000 96643 85232 19312
91803 21788 19600 24527 35449 81294 90620 82518 17087 34094
08842 00486 20041 08508 49335 96148 19713 90496 61704 91522
71168 55367 97370 93108 28861 60131 40087 88201 46919 38681
50611 11999 33434 67001 61467 65197 57194 90573 82759 86763
30298 31185 04944 11571 15076 15317 09517 67587 28778 91297
23550 92294 44442 27420 79012 73044 11399 08200 62807 41021
43836 70963 68482 73500 50874 49962 85525 84110 06580 20185
87201 05755 83355 58073 02863 95903 97148 61314 85661 18942
37916 94903 11625 85243 83778 55663 70999 51681 22302 72412
37827 13248 27344 83957 28679 40474 64914 62112 86490 42339
26465 71922 50422 59353 13063 86279 97703 16509 18882 97123
68383 90777 87446 90412 08924 72847 39068 77047 95585 27785
92905 96945 23532 84314 32099 38440 72594 07391 85405 40208
85637 33766 23771 67893 20453 75232 95287 82637 61135 19223
46964 43679 99856 81470 06752 12237 25005 90396 24262 48836
76586 07937 93607 21289 54871 16465 06821 65505 93185 26533
11261 66316 30807 85089 69481 50518 46893 88878 44958 09293
41386 32697 62143 92228 73820 47209 14277 40100 95988 05996
17376 48603 39381 06527 33870 80245 43357 54753 14288 66554
34972 07995 30457 67818 96400 55817 98643 82526 80902 43589
16067 23704 63249 68392 59234 04333 35574 01996 17528 99038
84557 20559 60488 74239 10910 45760 62214 03930 77062 27049
31344 13306 94033 19685 20032 17407 83382 38272 10366 46964
75201 90475 01668 78642 28080 20585 47108 11863 81980 17645
13077 59403 79958 67814 59737 43944 19676 55655 66225 17768
20623 44034 48896 47786 18016 87323 46087 33087 19280 57588
67819 47189 84076 88461 33877 22191 13796 66361 48704 17005
61464 23781 86553 36853 97999 14303 85328 96229 95745 74040
72553 42501 15238 99202 71911 82338 06124 94442 63785 78176
58181 71712 98237 06869 63373 04282 83874 97746 74875 65621
01022 92255 74014 07845 12655 92364 81050 59377 71524 89923
70747 46559 46906 94180 78669 68859 19421 99616 09129 82388
17353 61306 80739 71404 92918 69985 70502 12486 61902 44017
42363 61079 55122 80426 71181 15087 55137 32223 98043 35203
16654 04164 77871 26664 94058 84172 05240 12123 24518 52586
29360 50318 40080 36418 94168 80234 07220 00835 64436 32469

00000

20072/18291/16071 kHz, 10-02/11-02, 0600/0610/0620 UTC

11166 40122 56421 06033 02879
17406 47789 61501 53109 21839 21104 31375 56766 00536 61465
91685 71461 42740 31278 10395 91665 69128 50505 45209 70334
41620 89462 26285 26200 68596 38656 24195 77333 41461 35363
01580 93164 63499 51644 71932 82151 56946 73457 13948 57270
59223 25581 14874 46537 44270 22024 41308 40728 29911 46607
60871 95499 57194 93415 63196 30086 52641 21794 53673 89771
09346 05583 18384 64315 47855 81286 83666 79522 42778 24845
18744 04148 26044 11710 54863 39316 02773 39914 19368 82657
40670 20811 08152 84323 18896 67173 44933 37101 47351 33359
00779 67783 92300 87193 72320 22003 69290 18297 42100 59712
89283 12510 69482 03489 68954 47134 85569 06867 41087 86646
08213 52307 61241 86229 27825 19385 21681 13589 89937 54095
03772 05696 53554 61690 59917 30300 61097 47717 60016 22713
93212 10786 49052 42499 95933 97156 13762 75564 34902 90570
25575 17600 56318 35788 52005 99805 59330 19238 53693 42845
09522 55247 09279 49945 48213 51266 35291 75113 77241 50541
93244 27371 23923 75660 01138 96972 15873 21421 91523 14531
20384 70446 83355 78986 28034 29998 59787 15367 85225 13412
69123 48265 05338 14609 91090 01986 13176 49099 35642 63275
02415 59936 66458 67600 10712 12046 66345 94889 42189 23372
86720 85697 91960 06278 48358 13697 52401 17637 85600 75476
05843 41053 51208 83549 33379 49649 24048 73524 94475 22853
86790 61376 57064 15636 65826 11748 82817 03621 50572 03231
97282 52508 34351 01550 99569 85260 44058 76600 91272 45472
50770 24264 29323 80373 78502 78957 32452 91897 53304 27830
95956 29254 59864 62566 94447 21438 97832 29724 77285 73128
55025 65537 86365 72393 39725 26140 50962 83651 39243 49131
39313 24331 96934 07421 71620 48645 24870 41313 24176 86949
94326 79733 79276 14091 71308 33285 00000

11166 40122 63542 06034 02629
38979 82372 76225 01915 97462 60650 78465 75080 11703 66771
48010 39284 24001 29102 86044 72200 56503 02204 59487 54004
12981 94459 32894 95628 63907 12214 82877 79636 94521 18845
87243 74611 20570 32220 06008 09030 01411 08967 96506 15547
05169 89001 29773 81617 05627 98739 00364 67418 15550 36446
46845 76977 86110 88145 25096 93473 27130 47537 01639 14634
27792 38354 59175 49155 82545 62598 31517 60114 51861 23093
10097 66275 12548 93787 89253 37252 77294 36259 42467 43452
88152 85834 46746 46744 13622 55788 97338 42787 04041 33037
79973 90952 84959 63776 92797 92790 93202 52501 35212 04959
85275 22840 05796 97567 72841 13636 76490 93871 64917 08736
35243 52244 21516 23891 14303 76380 48383 99231 46337 64649
87545 70751 15575 34558 83346 19220 96152 83239 28653 19983
94863 69919 20930 42082 40476 31286 82863 70117 86830 65720
27226 47312 21893 47298 70658 63200 99944 55520 26076 34382
39121 31705 28367 51782 51446 97977 73086 92854 97599 99787
72819 22159 83555 57912 60909 28756 41323 40856 97241 73863
60938 93607 55759 47190 65928 83677 98407 55412 49411 50362
65192 91206 13030 68161 35036 56292 75907 60300 37127 36916
45806 23282 17438 55208 69684 48419 90115 44863 05834 51265
28414 24569 84785 44903 74871 67634 51176 18014 75407 91235
03754 03669 67040 13736 75719 49786 73899 53508 22588 27177
91226 67700 09755 36132 62056 54374 16957 97481 76259 66463
01818 39065 46632 10993 89660 13541 41726 31974 81774 08496
80111 00444 99337 34764 15738 60063 05155 03913 69113 01719
70431 30823 83956 65566 78740 22310 14037 93958 84395 37705
34260 00000

20072/18291/16071 kHz, 17-02, 0600/0610/0620 UTC

11166 40122 12569 17069 00049 00000 00000 00000 00000

20072/18291/16071 kHz, 24-02/25-02, 0600/0610/0620 UTC

11166 40122 45873 20035 03189
52980 79592 74841 14763 21572 60594 50445 47628 69409 63708
17580 00786 20944 41830 68913 53564 27783 02768 67393 15206
83668 27918 58349 79130 64569 16418 09037 14413 54786 59489
99064 11644 45051 74627 10131 25386 13523 54357 88519 80391
25632 09215 78783 33776 13720 09662 52061 10346 22388 56614
77453 53243 30515 35267 09914 57126 85872 31909 93068 76043
13271 18414 00425 23209 82177 34096 63391 04862 44753 19615
59553 55386 80226 82615 59639 65901 06563 99801 56616 23481
45342 85117 25351 03219 50814 78729 86276 80303 39039 36495
71500 54307 78066 24618 16789 02865 25088 49149 27870 06937
21500 75054 94489 14840 81814 14514 50660 37237 37351 89142
04539 90271 20657 95834 86364 29034 01585 30898 87913 38541
10969 52186 91880 74436 12833 83897 14650 70570 11076 93747
10880 55671 01565 97179 13336 46286 05578 68326 06426 08171
45525 62389 56852 03334 48906 79133 49839 64906 91409 22182
04363 67033 15127 33802 65816 81974 82791 09865 99561 41595
53995 24667 33795 45438 94309 20302 25163 82575 53262 40281
45575 59403 72090 12059 13642 50593 07226 08195 19180 15364
80430 40801 14226 46285 91539 68979 68979 42780 54728 23944
16142 26523 44265 81494 32054 40922 60660 36550 28103 01870
53176 59417 50811 91948 59611 38480 14055 15290 49315 39014
11856 55248 80356 32787 85165 02115 06797 78163 41104 43022
96990 55368 48067 31251 48864 86630 55154 77120 13104 95861
09350 27642 60189 87588 68899 27132 52216 49796 36304 75975
05435 10396 59396 29714 54455 01987 73909 05652 54050 14614
85987 89181 79486 41188 18082 56987 11335 45287 66659 59344
15691 05989 45162 28679 55736 19461 10666 06592 95596 61960
97659 06517 82408 43958 07396 54226 17559 10058 26245 73339
53015 64402 71486 08053 73689 26264 87988 00253 51783 45489
44192 63215 84034 32495 00859 19081 47812 82511 51003 92277
37005 98740 54459 76089 63623 44134 15510 14564 36061 76468
77022 66933 49966 46413 29524 46744 35316 00000

Link 60070

9191/8057/7367 kHz, 09-02, 0030/0040/0050 UTC

11166 60070 35712 09001 00049 00000 00000 00000 00000

9191/8057/7367 kHz, 16-02, 0030/0040/0050 UTC

11166 60070 14725 16001 00049 00000 00000 00000 00000

Link 70059

6866/5326/4616 kHz, 01-02, 0500/0510/0520 UTC

11166 70059 15963 01001 00049 00000 00000 00000 00000

6866/5326/4616 kHz, 15-02, 0500/0510/0520 UTC

11166 70059 14789 15021 00049 00000 00000 00000 00000

Link 70202

13369/11048/9244 kHz, 01-02, 0700/0710/0720 UTC

13429/11164/9164 kHz, 01-02, 1200/1210/1220 UTC

11166 70202 96358 29092 02619
38581 77024 54044 70488 71185 00751 72585 44690 59330 75518
58324 41382 25279 30094 17372 77529 60854 33625 20638 08532
22330 38847 63612 45897 12531 61327 06326 75787 67326 80673
23173 26887 88702 74667 17283 61017 91608 22230 79137 84953
56757 36180 94104 06855 06575 11720 28590 85777 46471 01568
49489 47683 38645 53703 56629 66385 00586 72634 32883 32885
45470 90148 41649 61513 06650 56463 26380 06331 13395 87734

91856 86224 10107 30845 71872 42122 36167 31412 13049 74781
08624 15962 29443 36583 74897 24201 07638 75756 27685 52314
67021 56501 99273 93248 04918 03403 77422 84898 81276 43624
10021 02137 22594 45270 90703 53641 49768 75396 42608 69431
59556 26073 42467 90076 14344 81957 52217 93490 19897 27808
50312 20275 95788 19377 79944 83518 68191 66119 56328 74024
39722 99153 00270 96869 16018 22917 90184 00260 93746 73950
49763 82602 39728 35245 13467 88741 15850 79596 37046 31289
29479 40398 45261 97988 14046 33318 34003 31062 69495 77286
68991 89453 17281 88238 48243 29927 49604 44055 20503 67953
77576 44120 76809 04311 07998 11954 57402 28353 03431 14350
41141 33871 05267 95447 09640 08491 24467 49189 03285 82547
29667 78590 11346 48360 87330 15264 63352 85868 33644 97637
13921 55538 82835 31302 38237 44505 01609 79916 80363 76866
04371 60131 21570 24077 48959 38941 60865 76378 37538 56921
24933 61204 52355 25782 49640 19484 81058 73671 00321 75814
11241 36679 23013 63393 98917 19957 43847 89697 40616 76914
58755 53800 03763 79918 80711 51308 95064 80925 36672 27812
71556 85505 31408 66824 24024 88672 20434 23125 87467 92259
00000

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13429/11164/9164 kHz, 02-02, 1200/1210/1220 UTC

11166 70202 86514 01093 01779
12802 32506 00930 40342 87780 21310 17920 07228 17334 71933
21559 59185 51688 45351 40912 37510 52181 97539 77332 31270
50654 95200 76795 07720 45270 13600 12877 95938 62447 64983
22557 34622 39594 30990 62057 19981 08327 97511 74869 14671
82868 15425 89189 03692 83310 35650 86931 08199 48423 91950
11504 93168 17702 29938 06554 29838 87350 05690 02848 98873
69861 02453 95490 45203 11911 38830 78655 20435 50231 66929
30032 73823 10172 83869 62155 77700 76608 05125 82833 98318
91914 73104 31829 48043 60668 99437 86006 79829 65778 64377
50125 09920 25737 21777 75453 79701 47657 83065 73419 92667
55815 78672 16452 87406 00354 20322 43226 32567 75856 12650
10490 54731 04472 87570 58657 35141 63279 59842 83357 36201
60570 27249 30135 43712 90753 63861 54475 35760 22556 79795
14353 14206 00215 45912 87485 59706 62338 06899 30485 96208
08141 31161 22087 75863 65720 70981 57649 20268 42077 31352
87117 79015 59555 70951 13618 91448 08406 83675 94895 62586
70139 34186 14774 89139 91373 45884 16804 96568 12860 64778
17329 73106 83362 47660 40120 93175 00000

11166 70202 86321 01094 02279
73108 52411 01920 25596 05415 40645 67130 24489 27278 02877
22444 19776 87051 67169 14689 53190 06368 81510 57907 40418
66074 37222 19136 43774 88356 73327 08979 68795 38485 79050
62902 14464 94638 36666 24184 31715 59224 71854 64465 69941
10140 03772 02837 16172 15418 12008 09396 56615 59684 62634
04216 15248 55868 60513 87664 49150 40612 20071 62999 05258
76796 71711 37199 68235 11647 46065 10941 54146 63832 03251
93686 29611 38012 99351 04799 61141 90258 07287 46629 24340
92797 34253 60519 27648 71503 02953 01648 30334 14581 88763
93662 59401 75883 30065 49037 55122 21289 53888 66085 99859
91589 84087 38572 09882 80316 24224 38866 94855 49940 32338
60559 14702 34898 29802 31493 88495 04863 11454 33144 35116
86717 49170 87283 50308 68642 06101 95865 49870 34783 03726
45072 33638 03912 08933 09460 49950 70538 33308 17136 65301
71892 61807 61913 68850 29232 53029 73374 66479 36891 78239
80773 44099 97535 91363 31741 04868 27036 47119 51695 10035
77410 09482 54922 78076 51273 17669 43251 21827 06223 01835
53266 28277 72607 65654 37986 10748 33113 77993 93962 88100
37595 40848 69719 70699 51613 25735 16475 57787 62085 95736

67099 75984 88513 55372 54216 13584 73212 95486 03412 30332
48978 25349 62480 47393 07639 09149 52631 47169 17915 49068
52623 37673 66045 82126 51726 61143 17591 82982 32490 51581
23877 89880 69215 70900 21499 94225 00000

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13429/11164/9164 kHz, 03-02, 1200/1210/1220 UTC

11166 70202 63587 02095 02399
63130 93004 87359 90437 19178 38951 89673 85126 09309 78390
57663 13294 62629 64353 68944 00397 68318 27182 72482 52465
37560 02950 24401 03900 86278 65876 43809 65365 18355 63178
80842 32720 14029 75814 14086 42914 53156 53529 19592 87810
28023 97667 78662 21836 25393 90166 16585 24430 82481 92183
89516 03216 46549 60792 61702 48820 92786 57175 40206 77306
80193 44766 59356 21132 50133 00765 32082 54582 97247 89471
10331 64612 67426 70875 21754 03041 62511 42931 74859 81026
56429 40972 49794 91763 52436 42678 16971 72343 36163 52057
50704 40713 04150 60867 30066 68663 72553 10911 44122 76794
95725 05651 43761 62394 49331 44582 07286 96156 57713 78786
11968 48688 70178 11131 28742 32745 15903 89511 82234 72116
92128 66622 43310 33114 65357 24654 46327 79597 90213 88369
48288 37471 75679 75005 72068 79583 53365 54421 00920 66989
27538 17937 16424 07483 11559 79307 97100 17360 80442 56261
19836 97343 94215 06034 31341 58596 71763 13358 81809 59783
19850 54318 37976 41089 47007 84534 17752 66166 16967 25087
13630 07911 21340 44645 97053 39036 76212 61214 20921 13369
72361 11959 62427 48794 33770 64518 73426 47814 64127 68277
30495 16628 86009 69000 01895 68693 02422 35299 73619 23693
35388 70337 01703 37853 21284 07240 82993 26541 67593 11623
61568 65094 00779 39697 12977 78800 59948 25365 73511 57981
16021 94769 06678 59106 21054 31720 24066 77888 17449 42424
02795 05278 61692 92991 66738 02313 42348 95237 00000

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11166 70202 16547 03096 01759
20845 32887 33613 82445 90615 66575 22242 06500 15347 12033
56098 96426 07176 76992 84084 22888 25160 60422 94463 69359
72483 82321 82623 64710 28142 85892 80663 24878 24040 66755
22229 70801 03425 08907 41042 14821 21621 32098 26560 32712
74970 80331 85200 63563 68951 06158 80566 04668 61376 30457
51117 93612 41640 82400 28721 94784 31929 49273 06512 32434
21353 90846 29518 37526 68910 97990 06464 00541 36250 00215
66214 47418 36150 51816 07279 80833 07659 51330 13821 54003
53832 73974 36608 69179 03009 21763 62344 18058 79550 20984
19813 06254 95006 21733 96278 29052 95609 79178 62581 90621
27070 21256 30352 83858 02583 32479 89801 73077 85004 08542
01512 46712 19118 61421 40670 32229 74936 79643 17173 90428
87985 73425 20064 31334 07487 59356 59707 18854 88392 64323
06161 56386 88207 53363 47184 70585 54531 11127 14299 35448
14258 31639 50366 03927 00383 96055 17098 39244 77332 43091
65950 63103 50777 61809 20830 62987 72845 61466 46059 25717
78694 98090 98028 89473 15356 62491 83982 31463 48818 59378
76363 33413 60250 96173 00000

11166 70202 61289 03097 02259
78319 52984 24782 26948 32685 56067 72147 01951 90684 21434
78087 38400 62820 12320 87360 78025 22463 94181 95294 12677
79913 48781 36942 23848 48760 49690 83365 57833 90446 28912
93482 78736 48010 89303 94922 66475 04912 42478 92321 52013
29902 76897 26493 06972 93864 85814 32919 29835 69561 09777
72995 95915 50232 73357 36466 63282 47977 20823 38487 51834
57862 80408 59758 37697 98685 11893 03156 30152 66336 17167

65308 23262 60697 18470 46556 39398 72014 33997 47717 06844
37677 05557 27112 38671 05348 57957 16286 05075 63374 94830
17849 16348 24429 60565 33890 58691 73302 23036 98392 50044
14799 56829 12091 08117 82666 31636 03207 47825 95499 35518
62503 50300 70548 87711 26089 70669 31382 20684 04417 76800
70330 36106 80910 36178 51656 64438 28659 93124 66378 82827
18611 03533 74700 70974 17714 19310 96970 09696 00436 39711
39113 51837 22090 71763 63476 20242 27433 66947 41018 12454
92935 26347 45787 16853 26195 91438 77619 69898 70907 62711
23997 09175 90848 13311 97006 01925 31289 89884 06330 53759
81296 17828 54209 27233 85352 53106 63321 24962 77714 47852
73500 16994 37983 21915 68246 17089 91287 57556 16953 37625
01543 59481 43801 77799 31207 47383 59243 24815 65985 73199
15031 72750 27908 80257 68706 88789 25227 46514 68510 81498
12566 79047 94638 50844 59762 52018 17775 24644 52837 05273
60857 11113 75531 97223 00000

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11166 70202 14738 05023 00049 00000 00000 00000 00000

13369/11048/9244 kHz, 08-02, 0700/0710/0720 UTC

13429/11164/9164 kHz, 08-02, 1200/1210/1220 UTC

11166 70202 16974 05098 02259
34747 10581 67977 83509 16060 38927 07188 09839 13456 26421
06106 06102 75300 99140 91382 61880 06122 37808 32038 24291
26640 46683 27658 57746 66313 85045 09587 68655 80594 22225
59795 18501 10080 02092 77105 73737 23738 27966 45474 65943
13413 03870 84011 60656 31783 93066 83422 58353 90959 79820
58565 75977 63924 45323 71810 82485 55980 93707 06887 86827
38416 89104 97902 01809 61559 89670 43233 32265 89415 89524
58954 60998 23072 04533 51520 30895 05064 62877 14361 46680
21885 86351 78096 44736 46823 73312 69055 04422 90326 19229
55769 99339 50065 35769 88159 11974 77895 54359 59072 60154
05904 25152 42878 08764 98717 47341 90794 65145 24281 91763
87650 81635 60261 01725 99750 13661 78305 82981 68549 06845
73297 18824 29806 11550 29837 71191 62925 48301 43108 53764
00150 72528 36324 87961 50310 12058 41951 77791 16815 75796
38884 64480 14561 57052 62768 46827 15460 79907 31648 78225
77263 62105 54146 76269 35382 92880 12339 05906 62374 49158
36531 22051 24801 98575 14112 82629 92126 62763 99682 67942
77371 39303 18638 67341 14171 05830 81393 19107 99965 54693
50443 14501 59980 31617 27442 01906 11694 76815 52489 52009
34493 91972 32809 69951 74175 81545 43015 65391 37017 41824
64137 16414 53065 96177 53618 88226 13373 99928 63440 92575
10826 63299 48594 98825 39294 65856 33065 32634 30751 60901
25521 23161 35079 98223 00000

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11166 70202 96357 08099 01859
68386 03219 69017 81222 08430 50977 99326 59379 77475 13596
29747 49970 82150 91964 78473 87697 89595 64916 30375 25391
81407 02724 23213 58875 46754 76394 12879 46868 50577 42453
16053 18072 37839 07903 53764 82673 59729 05048 44245 90411
32799 30866 18558 02428 66926 30624 57399 69063 23076 30412
72546 30810 86779 48296 81354 84583 68276 38770 47772 82522
65253 50195 88290 55495 49113 99916 66272 78496 60723 96744
23101 20130 26573 65479 19575 43358 31275 53184 86005 49710
07356 21879 04436 84135 28264 57343 71423 42687 15548 48731
14836 50223 96117 18663 63082 00323 70555 08497 90221 74588
78389 48469 85391 83532 71283 67375 19993 96236 30067 21499
11058 50964 86563 47458 04254 63920 36123 68672 24952 78339
51835 10125 70797 21100 36321 01115 44226 59037 72076 70689

48352 72156 56272 65432 94680 85927 30981 44305 96069 29848
44737 30233 43383 14463 06390 23106 89273 44028 17181 03902
87532 07009 91970 84607 61445 11597 05580 83624 99579 58432
25148 31358 02469 67722 14476 35660 28592 02940 21279 61833
13125 58293 83278 06864 57871 02157 14089 72587 15830 93635
54822 67462 18822 99183 00000

11166 70202 74169 08001 02099
53631 17368 87977 60046 37510 45399 87628 37320 26666 43687
34493 13121 34846 39346 31009 08996 91533 63554 26903 17693
56052 65838 09320 47565 08332 11640 09456 49497 52271 42887
24137 18527 92635 06237 75771 87376 71427 78671 59122 54057
74670 45162 48333 10742 45534 08058 62642 66102 64749 32905
14230 78282 84245 60380 86631 40710 24947 39024 17150 87925
74665 58459 81715 13617 47033 87792 05621 18051 87399 48874
48573 27085 36650 79105 37501 49948 88859 63491 45554 67984
03743 40617 40725 71531 59819 12235 52549 87135 59240 11151
30295 62294 20219 07108 91105 99888 17983 55336 81517 59528
60218 17471 00793 67963 07904 09518 59506 05778 77505 56561
71823 62532 85455 58895 04913 77554 20847 99267 33916 08561
57294 45927 75927 95296 39894 31155 01415 10387 08209 09978
46516 14580 41238 28736 74657 58565 35294 58213 60916 98578
50717 70994 97589 17946 88389 67755 44376 71779 81964 82161
71636 97011 16753 19074 70149 54937 11219 05736 25814 98468
21993 60639 82732 81288 58378 09758 43102 51076 17247 04820
77365 94013 74302 23334 43056 22737 92611 55028 35766 24946
34370 04411 20680 14831 86822 64124 18124 54533 38282 38796
41539 37802 65185 24058 11347 53050 16117 70434 93127 67993
03751 86774 33548 03055 40633 62930 92487 01207 00000

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13429/11164/9164 kHz, 10-02, 1200/1210/1220 UTC

11166 70202 26487 09002 02539
43756 86694 94559 49873 81972 23200 73226 69126 33914 91639
10947 94603 42071 18218 82461 93638 86255 92683 65012 69899
47089 04560 13217 06499 65307 58368 28954 84200 76535 66298
18467 35659 26254 41760 53854 21638 94618 42245 81145 40131
85833 34948 42146 04337 61767 83575 02237 50416 24487 79783
01323 60970 77408 67687 70107 15187 19754 34869 78896 01568
53985 68326 11096 54215 10926 98805 78613 98564 22235 81946
21344 17553 94940 89682 57912 74111 67708 10332 79886 50961
53532 80819 06632 93623 98546 99462 42988 67590 11631 92759
06980 65592 44505 34628 19723 25908 27006 41510 74735 47634
87221 91802 28819 13881 11174 43037 81718 58798 21746 45253
36737 39404 81535 74003 59493 98119 49310 31415 77011 26980
44783 88766 84332 69425 01353 69000 50831 20648 11545 92615
43428 12389 94791 35375 08882 93164 42284 71268 82353 39831
18548 99166 14427 61434 24449 76607 33772 81282 51318 09139
87644 08186 80868 68677 27399 32782 10602 39302 31215 09907
09401 13927 81212 12932 32970 90288 37155 71017 53837 39697
73915 25205 85590 46962 74905 64305 06042 44966 98644 26499
09002 92288 60665 77603 39357 67344 97933 01939 91136 77454
07980 66719 73249 06309 79921 45932 72594 48231 59572 14614
69208 02705 15816 49479 83164 27592 00437 96833 57892 74479
18602 93716 09604 54584 52166 53189 97532 08680 03005 49734
94651 79441 48545 65683 63575 09692 26702 84620 67313 14951
92382 42693 69586 03737 12778 73772 04375 44072 93595 09398
19393 99605 53444 19447 23181 83806 88550 04462 90488 05660
94993 02251 00000 00

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13429/11164/9164 kHz, 11-02, 1200/1210/1220 UTC

11166 70202 52497 10003 01039

75165 12806 46364 44763 33967 11857 14782 92408 98705 61754
63552 74002 01928 86827 97314 02657 33771 35695 23779 15044
43206 56205 72203 82527 87415 11106 15482 40355 71513 45371
50533 08351 45776 41130 16682 01560 52589 21121 56704 54263
40282 86630 50253 05808 86044 00838 74322 21703 95119 53498
70450 48389 68443 67930 23356 25153 55940 36203 80678 01600
37641 93506 68527 34130 99824 67599 82515 59862 98367 64307
58966 71429 26487 74983 55990 41093 29065 16883 99106 67615
30744 42392 71104 44317 69976 78025 50833 71765 56222 79164
30602 63534 92475 11445 66883 18460 30316 94742 43999 57841
49658 03101 00000

11166 70202 31267 10004 02039

11832 28994 89382 09251 48436 19700 58183 13884 96146 87916
82248 22472 47109 16319 59700 24336 16450 98195 20235 59234
34387 16736 15323 37134 88822 76764 70623 69019 23120 12350
17786 94661 18734 18735 47843 18312 17400 82015 53360 88232
62558 05017 51557 81021 64707 52790 05563 76648 20359 66184
86004 35165 39312 16919 40120 11001 59900 02593 60577 65799
56921 05083 71178 65728 71929 60746 71663 74196 20576 15889
08764 75920 56694 65914 65729 93274 97801 01611 87490 80870
41722 11000 83656 09281 29006 10186 76529 73882 30839 01656
86329 89715 67126 83450 70811 58326 84443 57653 61467 17517
48530 11638 63492 09941 31032 70498 11713 31487 95161 44117
99660 45387 09973 17296 23971 72975 47940 56388 11306 97056
45524 30874 19987 38803 31410 73319 33517 94124 52114 26144
88189 40449 49639 48646 01957 49853 70863 82721 96773 69474
13365 00707 31564 55147 37352 83792 88037 69204 98395 04439
76516 78362 80651 11232 53968 12659 35257 39619 71442 71351
53592 96966 93077 86729 30091 95358 53883 81777 94289 30599
48485 82613 16805 30840 68001 71663 18918 23270 27262 92486
40468 92314 49542 42201 45730 27774 01008 12442 71965 86341
92045 64799 50338 14934 87691 51660 53887 09282 94307 18397
52227 04201 00000

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11166 70202 45189 12005 02699

83357 69303 35661 95927 91327 22096 86881 01117 26682 65740
38590 22678 27609 26115 69851 79344 79842 67219 52304 62495
81160 57409 00062 79378 26288 37671 29855 47621 48154 71646
29882 33182 76428 82070 60772 48953 99282 03335 37127 56198
39312 04840 63060 36001 79556 64845 20176 22933 00555 99492
31437 18101 14369 76686 49336 23792 06524 69534 41829 66874
21791 29022 74461 03167 54760 80610 12113 19942 31131 74452
88821 78770 90665 43905 19103 65880 07740 52034 49216 42224
10428 30789 71802 10438 84062 42550 52347 40890 70202 18717
40888 23991 96947 55040 67427 40963 01542 68378 44455 70257
31197 44569 25055 71800 33074 32096 90007 16258 69370 61251
62330 51512 18433 93470 72705 23526 47847 30526 24218 93795
70439 38283 29851 20569 19122 64678 21169 96020 01529 56641
51634 56577 20366 05615 42986 08566 70432 76381 48125 36389
48228 98883 28940 85405 35105 27710 72512 36700 39889 98951
94137 15944 11909 39108 00601 03521 60372 05728 12141 38104
41036 64479 66550 30891 96088 32333 53831 32659 58196 41544
54868 20843 54650 04126 82527 98822 72541 81493 48651 24605
70919 88976 05354 11083 50847 89882 34081 65069 19317 58790
80857 57287 07942 18783 61161 40501 32374 82279 82872 57983
03386 50179 60713 09498 25539 48988 20641 66995 44402 10619
17616 57199 28230 24563 15180 53271 95056 17107 00301 42753

21141 37283 31895 63960 91687 54258 46492 28023 79797 95824
69451 68754 64581 82695 05199 87546 24359 38292 04889 85468
65908 78697 34959 99753 75675 12487 94989 86882 03900 05095
58328 19421 17590 87431 33896 88823 83275 13421 72626 31382
65495 96147 66975 19502 51927 77312 16926 05267 00000

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11166 70202 95147 15006 02139

51894 05147 65904 03429 90992 09887 41613 70823 16268 97998
91924 76497 42087 48615 23997 88738 47360 18664 09358 74633
89767 82754 27088 34735 72820 37225 27801 41720 32938 04289
98120 81506 38736 97209 30321 20230 19705 32457 26841 45553
66472 99767 94346 55718 69835 26054 07028 94795 90750 94102
43825 57563 78466 01987 29269 12445 78991 74150 32616 15962
01073 60077 04983 17118 31897 81509 59141 75168 19670 14121
21692 39205 65289 14620 12281 62989 90279 29185 29550 53487
73192 44193 48526 76523 71640 65169 59109 68006 72172 34894
00374 24156 35165 26611 70348 69175 26921 73267 15977 23798
56158 18732 32943 23153 57091 01917 30042 57382 86270 09752
37793 33454 25387 59939 65978 81601 07214 99438 39792 54824
06892 29601 69295 94904 65720 93913 31853 63351 39664 89268
72252 60735 89753 86707 50180 82833 56564 72585 89755 87027
85969 46064 10796 67398 98345 33908 46510 61944 18429 08493
77309 40368 07992 19978 35412 45871 68555 78577 59942 89379
06297 47860 07202 19661 76350 35030 45804 17748 48704 89112
91361 89121 62849 42992 60412 52084 63397 60225 48265 45761
33836 72592 60467 06168 70625 19294 52570 83781 64802 23753
57876 01056 83299 68951 07875 73314 67159 57239 75026 41456
88822 65549 92611 89920 35698 31968 31307 48341 12177 34584
37196 06211 00000

11166 70202 28547 15007 01779

17244 34753 58837 95676 55542 26097 24494 16985 68904 35519
27140 20280 97720 51370 15531 59377 36241 45750 29438 04494
67355 67176 56745 96487 77561 34138 94941 23074 81779 77953
59197 27952 12730 08396 04209 88771 54547 00500 51996 24897
25312 26000 42856 20885 38208 77840 51633 76621 95972 61179
36522 20067 98333 49344 12570 43522 67128 28159 67077 49379
18783 77090 59076 16275 38841 60652 70084 21596 38234 28490
98310 81265 95971 47605 13510 92758 17953 15145 14662 92269
66572 25186 57683 61984 40818 87972 45331 48381 11542 25026
96512 77513 41595 88570 37169 78190 45516 78715 79938 49019
68456 56831 84763 30218 89025 78545 17653 66163 75760 94814
49772 69591 51885 94495 64052 23398 48069 86859 61510 80975
47850 47481 84455 51019 55427 75953 98787 77750 40507 38844
02559 52476 39879 96352 52992 17447 20429 36093 29151 47923
33249 62443 72428 23418 13569 14898 72072 24022 06159 13863
87901 12776 20914 57330 27427 90002 48305 16866 19553 30567
89376 06357 52042 39962 79981 21943 64948 90202 13947 76583
17180 21423 94850 77685 68411 07175 00000

13369/11048/9244 kHz, 17-02, 0700/0710/0720 UTC

13429/11164/9164 kHz, 17-02, 1200/1210/1220 UTC

11166 70202 85269 16008 02359

67759 12044 01306 75320 51422 24604 91495 43977 87049 83504
85012 82711 16847 14970 64033 32659 72740 84868 64019 76769
72666 73871 18292 06419 72420 30455 91761 33838 46504 68914
39763 30019 96430 04587 52925 92794 09886 43468 74004 74795
19230 68419 97637 25943 32731 89125 88940 30185 37010 48034
81888 41163 94097 99414 43422 46488 81566 03771 14214 15315
49170 04759 62028 08906 90412 80815 08623 58878 52508 88687
16119 42802 33148 41033 43781 11860 37531 85299 11147 50234

94076 76056 28439 70933 52267 57971 80203 77719 11070 01622
73107 47844 51341 59319 83830 15268 70691 33151 67994 59057
44217 72407 16070 26647 59556 42595 67180 46650 99691 33216
16771 10910 71952 96512 79047 30470 06638 34344 90145 95167
73709 75409 62961 91522 90992 09976 29572 58612 22311 74324
32201 86628 89004 02087 48647 87791 43264 84663 63135 94317
76719 07912 18497 63128 62718 57289 10656 91978 55731 08648
11324 76701 96329 46852 29857 64257 95164 79421 50218 81262
94381 37380 03963 42704 29924 80496 65208 70510 43147 49112
78507 76674 15185 29735 55569 90617 22512 26588 01768 35476
37132 56309 58372 83002 19836 07978 71438 41768 79956 35662
23295 58351 00074 75674 87565 36207 49094 05720 93670 01892
32143 88125 11725 73347 50719 64347 93797 09919 71536 92921
32449 48793 27490 48068 22492 57564 99195 21129 36912 57588
50532 92015 52891 97826 16623 62878 88856 83872 67692 71152
38512 91835 97249 08233 00000

13369/11048/9244 kHz, 18-02, 0700/0710/0720 UTC

13429/11164/9164 kHz, 18-02, 1200/1210/1220 UTC

11166 70202 15634 17009 01899

87381 51184 88448 74760 74832 85651 56540 42326 89890 55604
22088 61395 03928 29297 58382 33466 74596 20849 40277 29168
11865 39153 82538 48760 24224 37682 82579 04593 74764 13602
09796 36479 01799 29638 08654 95925 83722 57138 07741 60132
52802 63761 51968 61726 87576 94232 00091 45150 38562 17602
54762 85653 66936 39448 17285 31813 00910 02456 84259 57527
39451 23812 28319 34428 58071 42857 30124 60629 96337 77426
53827 06767 31821 12321 83172 65260 70151 68341 60426 13736
05876 25335 95336 28542 33809 97669 36293 09311 15548 85603
20877 00476 30864 50953 48005 20717 68638 90535 38835 36242
37032 05781 78626 38856 97589 91991 56753 14759 52956 95656
47041 14990 42883 13274 95630 63486 28240 30115 08543 63664
67686 22366 56138 89479 16716 71089 36665 71894 03751 61431
66072 16695 62969 65530 86275 14592 28563 32548 09075 29545
20111 34269 37903 76244 73742 39706 34587 22699 98802 17141
23329 78845 64686 87049 49065 57144 47531 74343 32422 16075
91472 33364 88436 22486 64128 44063 01226 93727 11008 02825
71815 05505 38546 56337 81289 76394 80422 51984 36461 64957
26881 03170 90258 40389 21721 93018 53991 09187 00000

11166 70202 24687 17010 02219

01434 80599 51012 38520 90910 40221 14119 98095 04209 59897
58784 54687 62765 77055 98381 81388 38174 55305 54168 75473
46762 01067 57133 61395 33324 25981 78850 38798 79954 34830
89775 67748 00912 43612 68417 08343 09461 57496 09830 56917
67622 63315 06853 46012 54769 16310 02551 00298 16011 25785
37275 65647 76293 69389 38796 53540 31174 90691 28935 67983
50174 59744 45141 07143 53685 01329 00450 56864 49335 20553
30249 18284 38772 80513 99305 36699 30790 11683 67484 23908
21746 57734 37590 91177 29194 87467 33784 35063 89683 27548
83992 43228 56650 95726 04771 12487 59352 39232 12038 96229
08765 08041 06126 23440 61395 17679 04587 56472 76947 81276
21197 79794 30759 15544 14574 36868 66974 50356 54877 57368
03372 96647 81999 41914 23785 52285 53711 96512 19072 50623
07173 33899 62540 81422 82271 83947 30794 38814 80205 80368
05926 76006 55767 15846 19991 71418 66749 82833 27709 35925
28919 42171 18320 15897 49995 86732 02543 71742 41071 92264
35567 36612 28910 72641 62017 84972 17561 81678 93828 65732
72729 28736 56969 79600 27335 00263 67945 05377 31702 04500
26034 04854 96815 81501 32173 61016 04081 45689 70449 29233
80021 53100 13121 06122 59364 10542 35114 45779 84931 68818
48927 78060 17792 67236 95886 08599 56102 21559 54687 05247
86079 72607 53147 00638 13536 37700 94137 65539 49419 10219
00000

13369/11048/9244 kHz, 19-02, 0700/0710/0720 UTC
11166 70202 15978 19091 00049 00000 00000 00000 00000

13369/11048/9244 kHz, 22-02, 0700/0710/0720 UTC
13429/11164/9164 kHz, 22-02, 1200/1210/1220 UTC
11166 70202 97845 20011 02559

74386 07070 57989 51991 53400 14452 99732 01156 83025 89292
46074 86435 41627 65089 47884 54044 94623 15687 83145 12716
54807 25628 52478 30089 57997 37170 57973 45588 21215 09903
45001 98249 75558 53887 11705 92928 90981 22284 15857 53320
35148 74383 33759 35231 33557 44980 50890 98549 23127 81042
88974 61341 16420 31593 99161 84507 18706 01760 76011 60454
65036 06919 71965 04200 69535 87874 16996 70356 04076 73010
73111 44438 48542 98350 78423 81913 79866 21474 60441 93456
92011 90202 23302 99818 64109 52028 38604 04778 18926 15180
94552 59580 38841 97308 83081 17332 31550 22693 29661 00765
62640 53923 95459 31821 97267 68994 06569 96490 18091 19751
89952 43341 11667 32609 20831 39171 40492 37507 11176 30243
42874 36013 94005 82501 27823 44536 83170 99253 57146 73563
13310 39708 31947 28877 89675 86844 25697 45678 02510 38033
31080 91559 85652 16844 12793 99264 24080 29484 83494 15166
40058 14308 45081 74403 12592 57822 62485 38628 09867 75638
62180 57271 39366 81802 72579 38290 45347 94944 48516 39326
08373 54672 46995 15207 26582 46668 46403 82736 83377 59906
26356 88703 31243 24443 50386 92056 46341 03204 18647 96173
33617 36218 82822 92162 87065 60729 40433 99142 34873 55621
50721 12427 24096 83603 39311 95563 24593 29578 83822 77151
56867 58647 97628 38381 73538 42177 53944 02243 49101 25373
17439 60325 57680 34790 75555 98148 43458 49228 86716 04976
13467 82436 87622 79031 07432 51083 26814 64063 24351 26402
16691 78200 10502 92979 21178 21022 38562 63104 21220 69792
32529 20119 25303 11253 00000

13369/11048/9244 kHz, 23-02, 0700/0710/0720 UTC
13429/11164/9164 kHz, 23-02, 1200/1210/1220 UTC
11166 70202 92487 22012 01879

58469 77682 59554 39850 30613 28810 56595 78859 28587 02749
93810 38369 72493 50088 49502 11717 13182 20843 27636 63139
68884 66408 61327 13951 99846 31442 66032 77245 25629 59135
59634 27090 14776 58295 91615 13111 01531 05684 48492 56439
09293 82044 27709 87933 85500 65263 97184 14632 77622 29089
82674 25359 04958 20866 50173 71436 05916 16702 75501 83418
65477 77514 18308 09813 52520 54400 42639 88700 21689 16750
51287 88213 59507 01561 26087 76786 79421 07375 91368 09141
95443 81286 42729 38925 29108 72448 08333 93950 29412 50524
34917 74967 10429 12522 15689 63908 36290 26433 02309 52544
08214 85139 68140 27490 33272 68999 14957 72493 79586 40573
40295 73942 47638 19905 07640 40543 12368 13818 86624 73083
15783 97644 55447 45240 14720 72836 82674 81356 13486 48894
30624 42129 36045 23047 47528 54140 17439 56125 40645 44183
19139 68065 47516 64298 98012 01475 47560 18483 83583 26703
81178 26985 43287 86858 68576 89145 40397 06201 45472 30701
14320 10346 57892 46506 37934 31730 83235 74597 31673 98766
69788 62546 39032 32127 11897 12032 93185 96588 02958 12575
29412 81889 33438 00371 22996 12185 00000

11166 70202 62845 22013 02179
56424 16876 00935 65538 11475 87723 86592 17999 30082 39528
25678 44888 77623 21507 50977 18619 33515 92533 40810 25585
78729 77471 94484 12204 69745 55655 68400 34176 28599 29917
14982 19911 03744 49633 91631 84036 81398 86204 31894 51966
52069 84418 96009 81415 61932 38127 43051 91845 03774 63673
91830 37744 27163 69523 62765 86700 72551 45507 17885 88191

58987 20147 41172 44041 80130 59471 26422 16466 88256 05783
64813 34665 70931 79800 49362 85873 50054 94614 38474 01837
57953 54906 45753 76620 70214 39843 48271 76718 99935 93118
30485 29369 83099 68549 05984 00047 09745 04678 84250 95038
80621 26818 74643 50066 94029 99976 44755 90867 92514 81096
75368 76705 24118 44051 79176 62710 97862 75822 75452 42011
38166 67326 37879 53595 67867 47282 57695 66822 74554 32605
89371 78533 39876 93730 70992 83704 36537 58314 36522 05565
22652 01760 62170 96126 88144 97989 14012 43069 32898 28915
89073 43894 81323 76026 67055 33320 63035 42562 14898 74824
14343 79666 11354 52288 80218 15005 83778 22677 21441 07243
74309 15695 56614 74851 77625 91339 93719 72667 17485 91319
30924 14634 54209 45247 31298 66181 40318 17554 01159 54670
66496 06072 26707 71338 65076 28205 48657 63187 63235 55644
79538 38253 03075 83550 93364 32686 70795 45142 42348 13092
02132 07644 80356 12558 56248 13215 00000

13369/11048/9244 kHz, 24-02, 0700/0710/0720 UTC

13429/11164/9164 kHz, 24-02, 1200/1210/1220 UTC

11166 70202 65874 20014 02299
52676 22442 78777 97147 93173 22812 86741 51039 50464 35828
21663 59887 91217 48626 63134 16269 26341 30855 09962 42012
79015 43605 68555 48933 82124 95314 76193 73888 47267 55578
13833 61580 72540 62807 88159 93554 81280 86676 87562 86830
08941 31293 41723 10589 80313 90018 39503 94372 44258 87900
84824 26225 58152 72630 95223 64204 39220 39978 72762 09721
24956 04633 02003 16123 09809 52399 54710 30975 50334 34667
05981 95469 55974 91118 91494 49395 07689 11578 60553 15122
71590 72975 04619 59013 99796 12337 66020 53732 35672 21749
56531 89852 65649 76231 40488 10228 84830 30463 62155 65549
68533 45286 22013 14542 66989 29940 31658 17213 65371 10947
02005 94615 76341 63605 44476 53548 57305 67009 89869 99635
69561 68545 54587 87222 21533 68798 08914 79526 63267 62807
27037 17480 24394 98598 23489 20695 12728 38956 05707 69009
15705 37334 97389 38019 71831 63881 12345 87064 04348 42495
83506 23092 34286 84847 76830 88828 15104 32322 44720 48716
56092 41802 98706 71031 26739 76234 06050 29640 59241 85928
39948 73815 91341 91506 38055 39558 16688 04454 48983 00859
34906 46203 71480 84344 18555 51697 15974 95733 39172 68352
43158 31552 19592 86380 59332 74531 04709 61383 73151 96149
67894 15182 43499 14725 95247 25798 73157 82520 14857 42537
27964 00289 63274 87105 86151 82695 06387 26699 47541 23062
56861 30003 57292 30854 55367 42039 23890 14227 00000

13369/11048/9244 kHz, 25-02, 0700/0710/0720 UTC

13429/11164/9164 kHz, 25-02, 1200/1210/1220 UTC

11166 70202 84269 21015 02559
06599 69747 19272 71954 66462 48402 99771 63213 29745 15681
70064 82129 51319 07239 89944 10257 26914 16546 75867 50366
47802 62051 05492 92870 51670 35289 26996 06177 93122 47140
59121 80646 82244 14426 92874 80861 64682 54013 30831 85880
41649 76634 24965 22160 53320 97596 98965 18851 74043 06581
65946 40143 92798 63697 77520 74338 77353 14014 65144 84367
45547 37714 59695 49400 92138 78097 00209 52273 44659 14595
67702 92393 46709 72994 05050 28828 92128 90054 08816 83248
58490 74707 04009 57431 13343 33029 37679 44993 91644 49161
52297 42057 67829 39389 24863 86525 70936 21539 82668 80657
16243 66903 31663 76637 51845 26870 58351 29809 43609 51445
91161 49287 46942 41863 32230 00608 38819 04456 95526 40125
08498 97994 12272 85825 30367 91656 89570 54264 67354 75843
33209 18299 78347 93005 70552 65307 28043 80679 34468 60587
22693 43914 94233 45616 20148 99292 44346 25863 87670 57704
87182 27837 05927 38088 70445 30064 42620 29318 65330 97673

44176 42414 96351 75292 18948 20283 58771 17915 10349 97154
84559 64461 83370 24921 42824 83698 72920 08559 85658 47196
67405 17809 75331 09044 26011 67331 53760 96976 53111 82487
40215 44622 78243 92967 68175 19545 15084 21428 97285 26779
97869 59340 61347 92543 18697 47236 38288 57808 14134 01532
53030 36422 74592 55119 49217 17475 74888 03924 90718 16583
49426 76593 78862 05791 60462 69532 96325 76776 32856 14446
13621 17037 53779 70593 19118 03756 60788 58943 58543 45034
66725 80398 94886 23168 94865 85298 24649 19670 22763 86379
11387 26710 58213 15253 00000

11166 70202 52916 21016 01799
24768 28194 58897 79045 31719 73613 95081 84221 72902 26275
43188 04117 46047 44620 19421 14745 81196 03752 98687 62601
45568 88450 23412 27448 51227 00339 83135 39106 32800 15157
44621 46685 87381 51065 37118 63700 93838 33919 22502 37491
53699 70460 04960 16412 20812 65348 59915 13198 11955 42982
86876 87968 15599 60042 15905 99298 40994 19695 22374 96788
74783 23391 29723 53574 37319 21202 04890 62224 55872 46628
76098 42447 96927 46820 27703 34054 24749 44141 51766 73611
78395 90018 61071 78224 84390 97019 93236 84890 47214 60087
60638 18844 84823 02867 25819 89359 01376 10076 07074 36421
14341 31846 43897 76712 78209 70968 76981 22362 71956 88993
22453 70875 42469 92114 45038 89705 21120 82769 59837 43877
55666 87909 17400 40124 24676 99860 51793 85965 26657 90722
96343 87159 61078 86239 96735 31975 43480 10079 76171 35717
21846 34465 32265 43943 86438 98086 70357 17808 90276 77239
02950 49977 22442 21118 69941 84541 01409 87213 59343 39374
80583 37740 33184 54367 83230 83038 88262 13984 08987 82890
06463 17566 79141 41674 74305 95829 12881 16177 00000

13369/11048/9244 kHz, 26-02, 0700/0710/0720 UTC

11166 70202 85641 26064 00049 00000 00000 00000 00000

Link 80214

14983/12196/9917 kHz, 04-02, 1330/1340/1350 UTC

11166 80214 52843 04023 00049 00000 00000 00000 00000

14983/12196/9917 kHz, 11-02, 1330/1340/1350 UTC

11166 80214 19457 11049 00049 00000 00000 00000 00000

14983/12196/9917 kHz, 18-02, 1330/1340/1350 UTC

11166 80214 26485 18007 00049 00000 00000 00000 00000

14983/12196/9917 kHz, 25-02, 1330/1340/1350 UTC

11166 80214 17935 25001 00049 00000 00000 00000 00000

F06a – FSK 200/1000

6909/5796/4839 kHz, 04-02/05-02, 0500/0515/0530 UTC	File 04460 (464 bytes)
6909/5796/4839 kHz, 11-02/12-02, 0500/0515/0530 UTC	File 04461 (1264 bytes)
6909/5796/4839 kHz, 18-02/19-02, 0500/0515/0530 UTC	File 04462 (976 bytes)
6909/5796/4839 kHz, 25-02/26-02, 0500/0515/0530 UTC	File 04463 (1120 bytes)

19325/17513/15766 kHz, 06-02/07-02, 1500/1515/1530 UTC	File 04454 (1056 bytes)
19325/17513/15766 kHz, 13-02/14-02, 1500/1515/1530 UTC	File 04455 (1024 bytes)
19325/17513/15766 kHz, 20-02/21-02, 1500/1515/1530 UTC	File 04456 (992 bytes)
19325/17513/15766 kHz, 27-02/28-02, 1500/1515/1530 UTC	File 04457 (1024 bytes)

11562 kHz, 01-02, 0830 UTC MFA Moscow clg 432516: Russian embassy Bern
 14392 kHz, 01-02, 0913 UTC MFA Moscow clg 532614: Russian embassy Paris
 16219 kHz, 05-02, 0920 UTC MFA Moscow clg 324615: Russian embassy Madrid
 12157 kHz, 02-02, 0853 UTC MFA Moscow clg 165423: Russian embassy Brussels
 18206 kHz, 02-02, 0918 UTC MFA Moscow clg 246531: Russian embassy Accra
 13401 kHz, 02-02, 0935 UTC MFA Moscow clg 154263: Russian embassy Rome
 16188 kHz, 02-02, 1153 UTC MFA Moscow clg 325614: Russian embassy Nairobi
 16103 kHz, 02-02, 0930 UTC MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
 16103 kHz, 04-02, 0930 UTC MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
 12215 kHz, 05-02, 1000 UTC MFA Moscow clg 361245: Russian embassy Copenhagen
 13547 kHz, 05-02, 1019 UTC MFA Moscow clg 625413: Russian embassy Tel Aviv
 11424 kHz, 08-02, 0903 UTC MFA Moscow clg 421635: Russian embassy Oslo
 12223 kHz, 08-02, 0932 UTC MFA Moscow clg 164253: Russian embassy Addis Ababa
 14871 kHz, 08-02, 0940 UTC MFA Moscow clg 156234: Russian embassy Kampala
 10372 kHz, 08-02, 0950 UTC MFA Moscow clg 431625: Russian embassy Warsaw
 12100 kHz, 09-02, 1012 UTC MFA Moscow clg 612534: Russian embassy Ashgabat
 17470 kHz, 09-02, 1017 UTC MFA Moscow clg 216354: Russian Consulate General Chennai
 18591 kHz, 10-02, 0732 UTC MFA Moscow clg 435621: Russian embassy Maputo
 18177 kHz, 10-02, 0758 UTC MFA Moscow clg 164253: Russian embassy Addis Ababa
 10214 kHz, 10-02, 1008 UTC MFA Moscow clg 263145: Russian embassy Prague
 11158 kHz, 15-02, 0822 UTC MFA Moscow clg 263514: unid embassy
 11467 kHz, 17-02, 1400 UTC MFA Moscow clg 231654: Russian embassy Abuja

XPA1

13397/14413/15972 kHz, 02-02/04-02/09-02/11-02, 0810/083/0850 UTC

143 143 143 1 143 143 143 1 143 143 143 1
 06450 00098 42817 48789 51770 63153 07033 70095 64493 11722
 02151 33890 35676 90969 07635 69966 53188 05475 28304 36733
 08457 51652 80537 33112 99620 62414 27246 27046 27689 14586
 59701 58631 70678 97564 10165 21858 85202 11390 85719 11365
 92395 91434 51000 15179 98068 72988 91626 82669 92834 49685
 12558 37365 61186 80886 63511 78853 41284 61152 96162 03440
 40388 72159 65236 48495 61688 28200 76516 67492 43621 05830
 89439 39016 77444 72628 19264 77459 36603 19954 29217 07842
 66391 70233 30972 35664 79735 07766 90159 68640 26944 55500
 89164 97454 84249 84615 73985 90529 52460 29702 34332 49467
 16164

13397/14413/15972 kHz, 16-02, 0810/083/0850 UTC

143 143 143 000
 08734 00001 00000 36663

13397/14413/15972 kHz, 18-02, 0810/083/0850 UTC

143 143 143 000
 08287 00001 00000 35670

13397/14413/15972 kHz, 23-02, 0810/083/0850 UTC

143 143 143 000
 08448 00001 00000 37264

13397/14413/15972 kHz, 23-02, 0810/083/0850 UTC

143 143 143 000
 06335 00001 00000 35261

14374/13374/11474 kHz, 03-02/05-02/10-02/12-02, 1310/1330/1350 UTC

334 334 334 1 334 334 334 1 334 334 334 1
00511 00096 21847 02562 96548 58904 44207 36033 43053 74451
78374 78877 77684 82266 02768 39359 77834 58097 31302 38865
52783 26638 70724 07809 81146 68820 15825 10495 64140 21070
10396 13799 49939 02887 54054 83422 68265 86538 85647 92756
00948 13485 07092 44930 74516 13809 92893 04953 69617 37635
84372 59519 62963 32886 62935 32665 64341 68710 26783 56108
01192 92744 54670 69486 22301 81674 61163 56017 00315 07105
79743 62818 53301 56554 21947 56602 66569 53178 11149 23775
58465 77270 84827 57867 54060 64860 89105 42254 41094 94245
39124 19199 78440 73476 67266 77903 17290 56809 70227

14374/13374/11474 kHz, 17-02/19-02/24-02, 1310/1330/1350 UTC

334 334 334 1 334 334 334 1 334 334 334 1
07392 00128 31158 17734 59070 89878 77289 85005 13357 75734
85769 81012 19960 16777 47327 78711 55859 83100 96140 95479
82123 22432 93968 66094 86241 30062 46518 08416 94255 75420
90246 47461 87164 49916 77930 27146 87124 39276 60543 09188
81740 14101 53395 50357 11231 61549 61337 34643 60313 81053
06118 90436 17854 09558 47428 32575 13705 48169 05866 41715
39749 83538 42162 07719 53232 99995 76200 27227 32348 83363
71950 54292 13783 78993 59582 34078 45895 62414 91853 66997
26234 87776 72730 25293 93063 12333 37798 13751 10576 21196
16678 45712 33307 59873 38870 28002 33356 46590 22131 45941
64200 11148 00895 78160 94070 67752 23755 49723 65034 78814
84036 13553 03899 92051 24746 39099 17061 76845 76575 98911
91692 96192 39816 40625 74469 51633 11863 93822 91707 88593
06713

XPA2**13387/13887/14787 kHz, 01-02/08-02/10-02, 0800/0820/0840 UTC**

00498 00168 17801 43718 21637 74187 74001 17562 83139 18581
08111 38185 56182 20764 65993 74302 46074 98287 37561 44470
11705 32270 95023 52495 13506 17756 45305 63242 41323 86986
27292 53273 49312 69504 29813 65088 66533 06970 53318 60175
10753 18699 50035 69067 70217 08004 90788 40015 20881 35197
62198 97973 51860 65170 86731 84674 92438 21142 74664 76236
03573 74636 73371 94961 83567 90774 22671 10048 78890 49998
10706 61524 64647 99991 61892 27578 05825 10531 86318 17677
16073 26748 16461 08449 58984 98013 33340 45697 16827 71240
24331 07726 38530 23915 89226 69685 86356 43886 07822 90984
09390 93428 81419 21519 68156 60381 88563 98565 96315 05866
27316 90832 08832 24219 32304 18895 88014 59609 61627 29615
76854 91618 76900 45706 40062 98491 82383 66622 43873 92853
25857 47653 18930 16965 00286 04537 74812 80712 28701 59094
99099 81821 85140 42627 44539 71229 65152 78588 87444 08260
51681 89066 94627 62926 22869 99715 40404 20924 37729 78500
66922 68798 32951 21974 24858 24554 87858 19776 83339 22151
26617

16102/14951/13991 kHz, 01-02/03-02/08-02/10-02, 0910/0930/0950 UTC

09787 00189 52096 64742 91645 39435 48143 55750 36777 32425
68830 55587 69449 21694 94025 29479 02524 57674 80907 70366
06513 87502 67559 60158 57207 10830 83129 83597 14718 83581
77194 75670 25922 04758 64902 53107 68716 66379 50335 75820
93605 54980 22275 47269 27282 67797 43606 03465 78859 42519
25848 42833 12778 52591 11095 71038 49721 58707 48192 06785
63720 59019 88218 17993 39444 10092 10449 49647 49534 49199
25922 74620 42598 72120 46382 19977 07489 08978 66881 93490
64498 37313 27688 62085 13911 48861 67795 52188 96979 08354

35362 67003 25728 13473 02719 09982 63654 80495 76621 57823
25405 46158 29372 92542 62503 78272 62587 97197 29470 88364
64092 15181 37056 70113 91718 91881 90025 48166 10981 17762
04948 67671 95844 22297 64589 54511 63520 02963 99372 74170
22462 73635 72823 52670 80149 75986 53598 18491 38176 12462
45989 68160 42598 87971 25151 89706 28094 78983 32904 49276
19793 05843 94024 33279 98993 58566 35869 85148 99114 19141
55979 26489 13606 62731 18814 93977 52567 88241 23665 55753
30227 74966 55799 98250 82632 93869 85545 34942 55365 39661
94760 32763 17542 22738 52154 96242 33451 83244 84343 27107
60506 31511

11461/10261/9161 kHz, 01-02/06-02, 1600/1620/1640 UTC

00470 00177 00713 48588 61363 61736 18198 72778 79005 28919
19533 36669 34557 15762 22691 82421 36091 92088 75404 69983
96687 70949 14624 82169 78750 70678 84494 54665 67025 07705
83139 32617 00926 13074 43244 42667 16859 97664 93236 19268
99281 63904 58537 04143 82891 31254 70202 82241 08108 34869
29380 88174 06620 91142 56380 02010 51201 91826 37788 01323
33981 04995 67417 75124 50356 06001 81820 28251 79716 63670
02769 86097 10318 43417 13088 37519 60969 87089 01310 12436
11171 66380 38870 87139 05174 42876 42624 62587 33793 73886
87814 92867 43927 30437 59164 84451 24907 87010 31885 84113
21956 83539 82210 48915 14721 88602 51927 63844 71983 93745
20998 61997 98589 23166 51820 75802 47853 41278 28864 41248
32837 31845 35321 30428 18981 64262 01105 45266 20234 05131
97033 68311 81323 49353 59037 97710 28153 75319 80244 19133
52029 60086 76738 24760 69344 76682 94642 85195 75802 19346
67056 14079 94126 96220 42999 84825 26984 87335 26018 99147
74177 88269 37118 70991 76721 08226 96422 45207 08973 31544
56481 49470 95623 93264 43670 62191 27284 00372 34564 11430

12147/10347/9247 kHz, 02-02/05-02, 1100/1120/1140 UTC

05490 00161 45678 46493 41403 44612 61702 85567 30270 92068
79690 67623 60524 94939 50308 91321 22861 82189 93935 89177
19769 82179 70526 54436 23196 13921 03672 07388 53829 23267
38446 37418 22771 73267 36401 24229 16700 76182 78999 55588
68347 88348 73507 45158 90606 18523 29513 26626 77727 39038
61531 32125 16454 19663 79850 73204 35966 95882 61379 70999
59611 87048 47076 12865 27664 73532 18841 28550 03570 32981
16153 16992 86251 03975 13888 87323 55430 00657 43687 24564
60779 40967 21007 62342 63420 68676 46363 04316 28622 20516
62927 48805 21673 94022 82866 18852 11083 14094 99495 52893
64711 10068 30929 52738 23683 35103 23777 70195 33313 24576
69569 68606 88877 55183 94750 15592 87675 59182 39883 68261
26415 90441 68797 24752 44542 66115 02008 90032 49885 52059
33989 89049 85467 74213 58761 48214 34196 18119 49440 84636
62370 84473 83483 46663 03890 95835 19552 72990 88235 00769
47255 87640 97640 03362 96337 22911 92127 95478 24244 57027
50999 35029 02921 22750

11163/13363/14563 kHz, 02-02/07-02, 1200/1220/1240 UTC

00373 00164 82141 43004 93474 57149 24849 23616 21681 60268
96844 55848 98708 50544 81583 58829 86887 81722 49816 45576
13980 81163 73464 12404 33174 91968 25616 72599 10595 44272
83469 97937 95169 84044 37680 17531 30917 52646 24284 92034
57200 22342 34875 74766 70113 14406 77359 06249 23978 90915
61674 84926 29896 87282 81070 23419 66834 96394 26764 29347
73081 37585 84338 68661 07901 15126 85373 01182 34444 77305
30456 24347 55799 47356 68303 27081 47082 59017 54828 69608
35221 57972 08973 23381 50356 53619 13580 14339 44648 14801
46781 68937 73782 34741 73418 39690 15147 63667 22839 95984
49283 54896 66316 56711 22880 14092 02647 39789 42988 45726

49970 39473 51416 50862 91021 57211 14144 70352 62097 64055
96043 21961 41203 66976 60637 38742 40937 78239 14552 78208
83337 27126 18822 76871 35323 81670 20180 08668 44962 47159
09834 43410 53169 50151 13735 19174 91481 69569 38741 75158
81274 99384 52369 44590 49768 76524 93755 98773 98449 13627
93720 25940 08382 31390 36330 73001 20205

12173/10373/9373 kHz, 02-02/04-02, 1600/1620/1640 UTC

00403 00235 37590 68235 63882 11876 69382 38180 69770 76711
70323 16259 43492 70920 94153 68596 86711 91037 53919 67108
68226 52666 32937 22602 66160 09730 84210 77685 59513 26545
82430 87087 65256 13660 66105 19849 41745 48585 08248 63804
43620 90458 93775 97763 41337 91316 60453 94399 94726 66036
87036 21425 38029 59709 31268 58363 07714 47226 49263 09511
17599 19117 87204 94452 79012 04876 48791 35796 72238 33683
07918 26354 10244 70303 23746 53744 03397 93847 63034 36077
36016 64449 62449 10596 66075 22514 07999 55556 05028 21477
14372 86949 41973 26380 26774 97934 80550 44378 94955 36308
41814 19837 26338 87926 88623 34002 11016 01395 90911 90353
42925 06987 82451 51788 84159 25759 57011 00969 47457 96156
45966 44102 61209 60766 23831 68394 71501 96274 29706 45931
39895 04181 28678 90819 51466 90205 22837 29239 34252 79930
50020 84603 37326 24480 97723 89660 59894 37056 62270 77441
56380 59737 45384 48553 05213 02496 69620 27153 52039 10339
99628 81772 31275 37752 31567 78647 59004 91764 66642 01001
19113 55334 52363 73076 11319 06788 55774 73334 73214 86820
34792 18050 39924 16415 28120 97688 72425 46550 71547 40188
93655 09806 93183 35602 88862 53898 59054 15305 29475 15004
55491 33988 33388 71064 14502 71219 19605 67695 50412 38134
28543 80422 47158 13394 98274 79141 44196 05673 92283 10407
32948 97189 53409 80608 60660 29815 01812 66624 03752 47472
31614 89169 00475 20914 08496 85476 16198 70371

13387/13887/14787 kHz, 03-02, 0800/0820/0840 UTC

00498 00168 17801 43718 21637 74187 74001 17562 83139 18581
08111 38185 56182 20764 65993 74302 46074 98287 37561 44470
11705 32270 95023 52495 13506 17756 45305 63242 41323 86986
27292 53273 49312 69504 29813 65088 66533 06970 53318 60175
10753 18699 50035 69067 70217 08004 90788 40015 20881 35197
62198 97973 51860 65170 86731 84674 92438 21142 74664 76236
03573 74636 73371 94961 83567 90774 22671 10048 78890 49998
10706 61524 64647 99991 61892 27578 05825 10531 86318 17677
16073 26748 16461 08449 58984 98013 33340 45697 16827 71240
24331 07726 38530 23915 89226 69685 86356 43886 07822 90984
09390 93428 81419 21519 68156 60381 88563 98565 96315 05866
27316 90832 08832 24219 32304 18895 88014 59609 61627 29615
76854 91618 76900 45706 40062 98491 82383 66622 43873 92853
25857 47653 18930 16965 00286 04537 74812 80712 28701 59094
99099 81821 85140 42627 44539 71229 65152 78588 87444 08260
51681 89066 94627 62926 22869 99715 40404 20924 37729 78500
66922 68798 32951 21974 24858 24554 87858 19776 83339 22151
26617

13967/13367/11567 kHz, 03-02/04-02/10-02/11-02, 1100/1120/1140 UTC

00488 00086 88340 28719 80386 79822 38234 33106 43159 51285
57643 59718 38105 70918 63246 20719 29382 19088 55851 34069
81884 32504 40764 52326 78662 06088 66157 52564 37922 14796
34569 90330 91708 53644 23044 09727 29311 00443 57588 47092
85332 11157 46370 63573 46640 75735 79927 17272 46829 99250
70408 63430 00013 88821 83754 46808 08437 36578 82824 94128
30811 49581 30313 36762 75423 30592 22044 05506 91907 49156
75741 54456 11283 54469 55478 29323 69422 95452 46960 38975
94600 44651 67235 88780 53701 92055 05464 01803 44434

11575/13375/13975 kHz, 03-02/05-02, 1200/1220/1240 UTC

07091 00188 56678 61676 77691 46171 82747 19183 32799 43788
82945 96595 63345 29990 03005 53290 47174 63779 93647 21880
81754 76328 93223 62483 12902 13569 30699 91845 09110 90077
94948 19487 35674 21738 52475 19578 86473 63917 31324 94769
77866 71967 51215 96002 85048 76685 13069 65020 32939 58777
88189 44969 73422 86785 50532 03041 33582 45288 87533 54633
29445 39006 46774 31300 13788 32895 08307 48318 73326 24312
81382 00688 42131 90033 29783 94083 84100 82725 01899 01578
04678 71656 95421 45259 83943 79353 73005 17594 00242 92041
42680 48261 12471 81964 11759 12810 17649 17458 73916 21178
79656 95140 00063 84901 54200 49421 41089 77638 09418 52721
93051 93273 58701 57633 55580 52864 22533 14485 72852 04897
70142 95408 60288 17162 10083 20453 94665 89461 14288 92162
30980 32781 97769 20693 21949 07997 21898 48525 33351 63244
79173 85294 64716 27800 20087 76500 33965 22299 76890 56191
53004 77195 64688 83293 74184 92355 53687 07397 30946 91827
98710 42781 12660 58487 17381 82222 08637 17591 58068 00556
77827 12222 87195 79487 62916 29371 41237 52688 85272 89692
60808 57819 93265 76810 79155 47617 48295 63180 21608 82786
53315

16146/15846/14446 kHz, 04-02/06-02/11-02/13-02, 0910/0930/0950 UTC

06030 00077 51824 13067 32154 31751 00478 20114 11118 85170
15386 66952 35895 05107 63586 64620 64719 92285 65120 52511
72343 26828 48098 59312 73074 64968 94901 68733 10051 28455
47882 62429 61192 01375 37893 469677 0516 32617 15900 56491
76821 73773 95219 22440 35032 27502 69745 16195 17523 60856
24932 71270 78455 87182 32355 72726 14048 90933 42747 84321
04622 55117 76940 72586 48243 50499 40882 88356 88657 09735
29066 09124 93389 22085 82157 55183 99789 17305 23587 27162

11461/10261/9161 kHz, 08-02, 1600/1620/1640 UTC

05116 00001 00000 34656

7534 kHz, 09-02, 0825 UTC

00104 00040 00003 64690347062 72916 22249 85492 70513 58497
51517 93711 10010 88514 19762 42926 88030 06079 58381 79305
72246 54892 73442 30600 17819 36854 58879 55575 57042 13958
73303 94142 95357 84656 74854 47488896277 15840 13155 93564
67390 24869 02262

12147/10347/9247 kHz, 09-02, 1100/1120/1140 UTC

01077 00001 00000 34660

11163/13363/14563 kHz, 09-02/14-02, 1200/1220/1240 UTC

07572 00206 39301 88976 82401 05543 29648 69236 08807 70432
72826 86718 95344 33620 10801 30969 33958 50385 85195 99047
01702 80772 16059 01734 33431 70201 62596 01411 64581 34817
38737 40875 99277 03608 79964 06800 50402 39137 00116 96200
67944 53793 02436 33713 08257 38106 34669 48634 24349 67818
76938 86432 55783 23738 64385 93227 69176 82372 76392 01822
65057 92652 27345 70412 06689 66515 49532 99188 55527 57133
13949 83200 99418 55123 88027 43841 01206 12706 44375 81463
26130 57933 43909 57057 66883 12842 64779 80656 06800 41590
90835 04971 56291 94778 00340 87837 78563 86456 22544 00038
33542 63426 09315 52655 63079 16934 50614 07187 27883 55750
73237 88367 02400 53676 74785 38000 41854 77056 11636 27259
81009 06143 25817 74064 98565 53976 73970 29499 61477 95200
81556 10206 31851 10879 63816 80579 24251 88430 13207 77971
81274 83493 98504 51559 07892 77118 27593 32188 46261 96323
50767 29088 70984 87862 87538 95542 98407 18108 96971 44817

79480 98852 29422 38963 72616 17685 35739 60912 39931 80581
36286 12205 80492 32563 53474 38819 75211 59021 34485 95683
33938 23218 73149 26723 21786 43557 82584 56841 79053 49035
14728 14988 08085 72259 10538 77053 16351 63263 21806 60880
40280 30863 55027 35711 77407 31775 51742 67743 01455

12173/10373/9373 kHz, 09-02, 1600/1620/1640 UTC

02661 00001 00000 35260

11575/13375/13975 kHz, 10-02/12-02, 1200/1220/1240 UTC

08510 00064 28995 30588 34372 19048 93787 87411 22826 13916
27947 12597 34639 60611 87101 53626 26253 79268 98207 52041
07086 29458 78603 84988 74245 63092 96075 93578 08225 56690
43783 56465 95659 82949 92063 41847 01295 58283 93769 99668
76020 41805 23613 08169 18683 97067 50005 74997 03658 00575
37848 80225 88383 13607 17407 21723 10211 93064 44404 92969
40301 93255 74036 46073 64115 54721 62031

12173/10373/9373 kHz, 11-02, 1600/1620/1640 UTC

09803 00001 00000 36661

12147/10347/9247 kHz, 12-02, 1100/1120/1140 UTC

08911 00001 00000 36262

11461/10261/9161 kHz, 13-02, 1600/1620/1640 UTC

08198 00001 00000 35671

13387/13887/14787 kHz, 15-02/17-02/22-02/24-02, 0800/0820/0840 UTC

00588 00182 32185 72239 60998 21879 50021 14902 68756 12710
40779 20641 26961 35484 89187 18347 54669 57496 34748 72706
65745 05332 13356 46899 13709 34016 64953 26355 97140 13924
00422 00215 42063 53577 03660 43689 51093 49092 55689 35503
49992 45217 78191 77473 74707 33383 27253 22364 28647 18339
65995 32511 83367 35856 14047 95418 29115 96773 74554 39568
81512 07264 83706 40401 46573 22074 82741 71878 78915 24371
52665 20161 61926 70354 43811 20939 14993 91646 68496 45057
88138 26582 80409 85215 42534 56591 62942 70351 95854 41406
13963 59837 96541 58146 76587 71056 46555 75618 12938 15321
37586 31228 28681 96809 37675 67535 50069 95761 71575 49158
10934 28405 60337 57561 47625 48005 39881 67151 20733 73660
62578 13355 46268 12418 39550 34491 28594 24230 64925 27429
12181 82793 38056 53499 67578 85032 71936 56690 66847 53570
09189 98024 17410 40790 59292 66290 17224 68829 04683 78544
84036 67746 53238 39660 57915 06835 89756 55606 48624 45540
59070 07947 74104 14194 11067 26557 54082 94087 66332 73122
89544 03050 59196 86130 69067 49329 30396 59259 91945 89197
44790 86441 97192 28705 67272

16102/14951/13991 kHz, 15-02/17-02/22-02/24-02, 0910/0930/0950 UTC

08210 00077 70673 63884 97574 54639 61512 23944 46472 31929
71916 01901 61434 89563 73098 59512 28496 74268 39248 51004
18499 87519 64616 09472 71959 91583 36585 06231 17001 26676
78544 56211 59569 95840 99402 92775 51575 37471 04215 94940
54758 68055 06834 63816 09928 80975 80740 57842 11798 58158
93372 62292 77972 25176 86657 68720 46058 61482 41418 42567
31308 86413 21772 11918 64747 61340 08583 23518 38412 89664
05575 54407 77697 05388 78175 98978 09161 31505 85675 51323

11461/10261/9161 kHz, 15-02/20-02, 1600/1620/1640 UTC

00176 00111 88383 15689 49534 48864 05704 20514 11726 87685
27532 33579 17739 68727 11177 01467 31773 42720 60312 65165
93451 24138 82658 68300 30316 80816 67678 73160 48480 86387
97105 85665 91733 50551 75668 11944 62746 36964 02114 02858

29106 28728 40152 34810 56263 42667 66503 32248 81603 87653
21791 07703 68445 47799 10187 88352 68428 02007 16338 69957
28709 58142 16223 00608 53116 67266 89726 19324 66128 63317
93730 67227 27213 91376 03699 27143 74515 52763 24809 01926
46324 15701 12462 59464 90262 10447 38388 10384 64650 55574
78894 57859 77290 23997 97835 53521 81541 04289 10516 11138
26330 93008 01686 76917 12917 93025 46612 83429 67894 82081
05068 80429 37862 10421

12147/10347/9247 kHz, 16-02/19-02, 1100/1120/1140 UTC

00580 00025 33788 18222 43638 28102 78300 82008 02533 03487
36737 44154 00246 90349 52941 38065 83273 31964 63763 91687
98441 67655 93940 09230 77004 13896 36974 05256

11163/13363/14563 kHz, 16-02/21-02, 1200/1220/1240 UTC

05586 00186 24543 17231 58972 52968 85213 44988 42654 80919
34524 21963 87116 76852 59336 07280 40898 74490 82889 94123
50374 61241 54254 39113 29610 90363 16582 32383 77427 53881
35640 61560 76153 71176 52523 81325 62277 10357 48494 98159
65950 47292 89850 02095 07935 07880 26572 14613 33125 93027
66786 14581 49938 48701 78896 06300 03929 37177 47292 56296
71536 28055 25386 23079 91580 38855 86829 51549 22291 58533
75950 10446 02986 66083 58406 18130 40799 50577 94907 81566
54108 83489 68068 33476 41320 10010 33450 24116 64216 18933
04293 64780 56929 85102 06258 67157 89882 26531 11363 40579
53895 21377 46819 63890 24714 42409 52148 21412 93440 35594
01305 62806 23141 45053 28866 21246 76916 81950 41025 41539
48695 53769 37968 57572 30595 76642 06855 42280 56368 06693
83186 31837 52298 55230 35623 49604 07119 92721 63645 66583
40986 48258 11497 80804 04669 80403 09424 01415 92838 91872
51021 39902 99173 48774 06141 54362 16668 19428 17178 76871
37852 70126 17250 47101 95747 14897 06887 26877 27814 03812
48576 30040 94234 49470 44633 14110 20124 51116 76378 17147
52825 22866 76837 53061 25482 61239 63811 89649 41210

12173/10373/9373 kHz, 16-02/18-02, 1600/1620/1640 UTC

03678 00244 81258 25516 48386 92126 84173 36821 06247 19789
04277 49932 86115 37927 48777 59152 24306 84737 12454 57465
53155 54676 35196 08105 88773 81294 20094 56459 76138 60696
66292 46861 60209 71843 75243 63054 84610 07525 11587 25508
40422 50119 15074 56276 77908 56743 16029 33543 31434 21606
92340 47143 91665 11693 36559 73882 61955 37402 75842 59201
10647 21352 54991 77951 94497 05578 65712 27749 47687 29007
66018 08163 92564 86209 21085 95036 09593 16183 54962 83498
05381 55632 91322 13816 49423 63618 12297 18760 19660 46128
43438 95863 03311 25312 79917 48147 22769 27551 25636 89808
75010 09433 37222 96631 16907 13369 94584 40857 99548 33214
66162 42602 14239 87019 49463 41097 58160 28254 26874 99497
61070 99198 33589 25506 05671 52176 04672 84939 53436 49280
90112 22797 81975 88275 21081 03682 87736 45629 57212 30870
41896 77663 25141 55112 94949 08851 33671 91186 00097 50914
09261 36774 57921 02766 84848 48610 11784 30379 27678 68386
06722 94004 44870 50928 34661 96173 22865 21342 59941 81990
99540 99630 90853 18637 45874 32066 48659 67004 51574 87970
56725 37137 61675 86877 12744 97567 77885 84639 72389 97703
33443 11935 51205 00806 72104 96622 88040 56267 72768 56681
12090 87343 14800 61486 93590 43856 98000 87495 90395 53021
18040 02917 53394 38003 98065 42781 85331 84218 57158 62526
02766 33172 82197 67306 48726 93423 96874 22025 58250 11507
71837 65774 37172 51318 71549 55508 05483 38217 04099 03450
16027 50996 12556 29843 07423 68294 57754

13967/13367/11567 kHz, 17-02, 1100/1120/1140 UTC

09662 00001 00000 35267

11575/13375/13975 kHz, 17-02/19-02, 1200/1220/1240 UTC

01539 00182 40416 10463 22058 34100 28878 27235 61377 41850
68508 85588 34456 61597 30697 55819 49919 83416 64317 77657
46154 64784 85259 69712 70246 94605 38236 22235 00018 23877
26900 00881 13318 06742 17883 34093 60068 64806 82839 66924
70031 64451 76762 99725 55419 48923 22782 20405 05132 50200
91531 06383 73640 90698 36512 16845 01595 24147 84027 60453
09463 41536 82139 80371 11021 93323 57362 30159 88765 26473
59008 07288 33288 65749 47192 97113 29805 65094 70486 48732
28844 10322 57604 45550 42772 44560 04903 47714 04460 40634
10303 49846 97857 58989 36310 52563 20397 52897 64690 24400
58725 82458 89903 03647 97565 47091 24580 59482 79684 76561
55314 64162 27421 60879 14519 48354 53824 73623 31515 75947
29522 41365 25794 91627 70659 30003 79818 69826 32889 28353
78551 83563 81972 57482 90843 12075 85846 55991 09117 75212
73778 85948 84049 73986 26096 24468 74989 64159 04763 46106
20019 02999 74547 77545 63979 78495 52468 65898 41832 45246
39521 54933 28447 29902 60840 35536 25495 02540 61512 37547
50020 41909 58236 89023 19697 11409 07534 03554 79399 25976
12482 26308 93231 90693 30705

16146/15846/14446 kHz, 18-02, 0910/0930/0950 UTC

09485 00001 00000 35671

13967/13367/11567 kHz, 18-02, 1100/1120/1140 UTC

01070 00001 00000 31260

16146/15846/14446 kHz, 20-02, 0910/0930/0950 UTC

06991 00001 00000 36267

11461/10261/9161 kHz, 22-02, 1600/1620/1640 UTC

02997 00001 00000 41263

12147/10347/9247 kHz, 23-02, 1100/1120/1140 UTC

00591 00025 43798 28220 54749 29102 79301 82019 12534 03487
36737 44154 00246 90349 52941 38075 83273 31964 63763 91687
98441 67655 93940 09230 77004 13896 36974 05257

11163/13363/14563 kHz, 23-02/28-02, 1200/1220/1240 UTC

00267 00140 52694 50721 73521 43570 60951 89552 92711 03102
50551 41066 32670 29175 36025 95582 54243 35093 60122 45042
49032 84369 21154 92742 57414 22286 49503 61930 58463 81626
74671 16494 96573 86439 38528 91862 12124 04114 66633 61903
35215 28119 63598 33357 49170 37868 54573 24542 68778 50931
09435 76004 33591 44957 20644 64770 96436 13943 51684 36454
68524 80737 63688 13389 59991 34328 49872 57593 74809 20405
73566 93919 66063 66707 96878 12886 76719 90683 57919 53040
47282 82681 09045 05339 39066 66041 17530 60728 72265 16166
56202 76581 45217 55170 92630 42716 49303 51878 99843 78804
36250 54125 02182 32688 63530 61208 66266 72368 87504 74681
94056 07367 05946 33553 11120 31272 99809 22080 49715 70982
07457 40674 10207 00410 82308 20847 80128 74509 99253 29988
10753 45807 49388 11057 95210 24901 79422 15686 35640 48527
44893 13607 31045

12173/10373/9373 kHz, 23-02, 1600/1620/1640 UTC

07652 00001 00000 35264

13967/13367/11567 kHz, 24-02/25-02, 1100/1120/1140 UTC

00432 00140 42655 78719 39219 28948 60601 45846 85739 50722
89824 09873 54766 16432 07305 02290 68268 94127 77199 59823
41146 66340 00918 19773 80428 78231 70800 38013 50820 67803
14209 69792 54176 16212 50193 46442 07167 63227 58895 55695
02128 63402 48445 22289 40794 66519 90164 24096 59919 28836
69055 48371 43746 00653 81021 51051 15164 19000 72482 86130
30384 27759 94824 52499 41896 35910 40306 77869 38093 63851
76921 41019 25499 76973 08102 21745 68995 99862 54961 58297
13611 45500 82173 46957 35764 67411 51673 65673 34822 34284
88423 74739 65063 15301 51055 44606 38343 49294 19179 40737
24660 91035 68981 29968 21664 34047 19481 23624 60195 55866
15049 94318 61096 74613 28073 19198 99558 98989 92710 19560
72741 45064 56837 64297 00014 39985 24048 18253 40499 53984
84852 69000 00205 68872 23643 76555 37472 62169 89636 57329
02687 67734 37013

11575/13375/13975 kHz, 24-02/26-09, 1200/1220/1240 UTC

05879 00090 84378 66096 33278 88602 98194 97588 20452 45402
79996 78373 67183 27369 71681 67780 67382 47585 24516 54600
73359 49798 64752 50187 41288 96986 02407 84982 93935 66809
64705 06440 44948 49489 92620 12985 47951 26513 16060 42840
31124 58239 56953 56297 24116 82579 02932 08666 33504 01843
63697 47465 42860 21495 55317 62245 76902 39965 05056 37695
82837 11571 26670 21993 43071 12115 85549 62004 61101 21052
65355 09914 70941 42975 31428 47116 15292 71720 11621 32243
53949 36480 46550 23250 52595 29255 76736 20964 25954 16147
30280 08307 04036

16146/15846/14446 kHz, 25-02, 0910/0930/0950 UTC

06090 00001 00000 31267

12173/10373/9373 kHz, 25-02, 1600/1620/1640 UTC

06968 00001 00000 41664

16146/15846/14446 kHz, 27-02, 0910/0930/0950 UTC

06015 00001 00000 33657

11461/10261/9161 kHz, 27-02, 1600/1620/1640 UTC

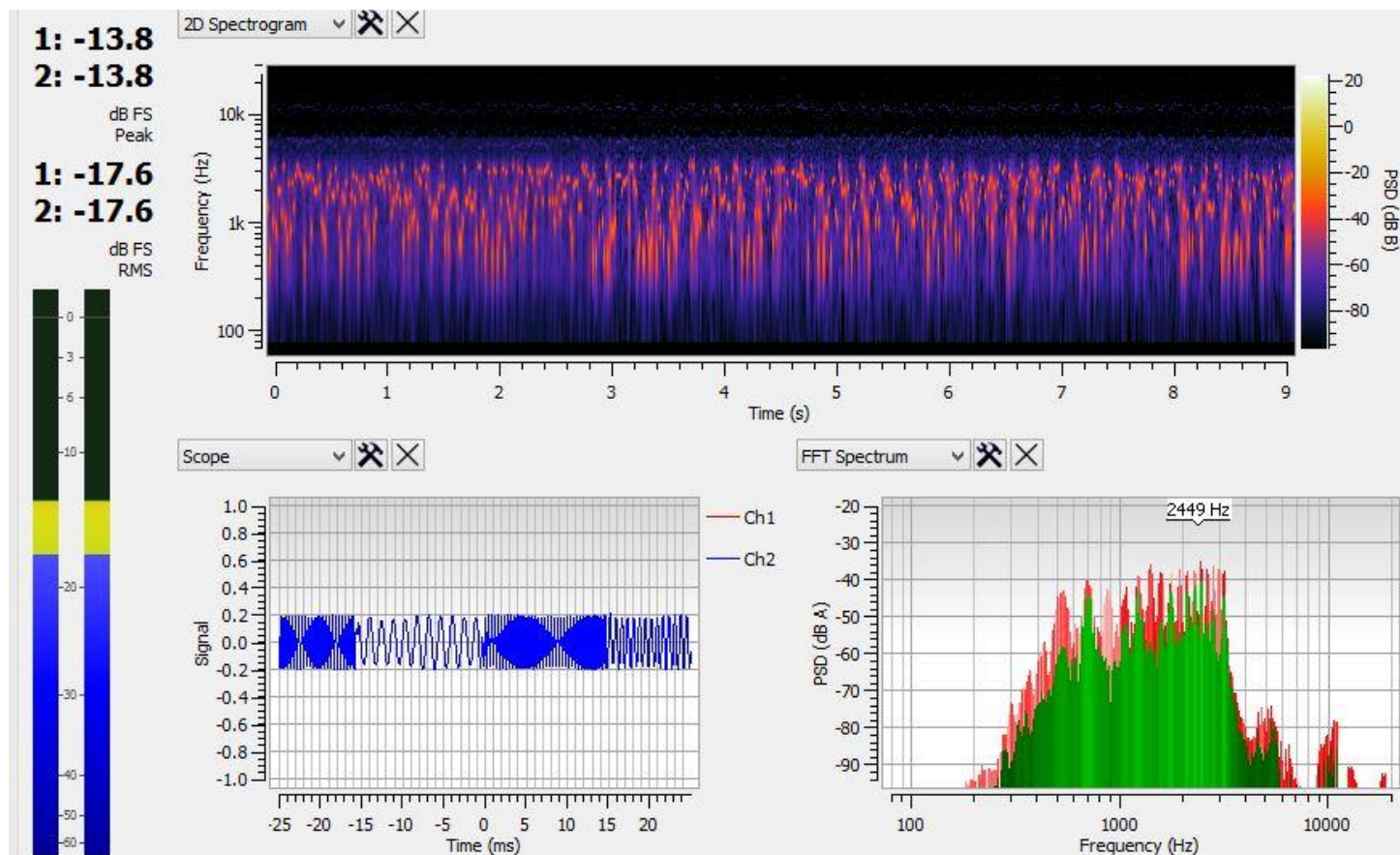
09094 00001 00000 33272

XPB1

15814 kHz, 01-02, 06-02/13-02/15-02/20-02/22-02/27-02, 1100 UTC
14814 kHz, 01-02, 06-02/13-02/15-02/20-02/22-02/27-02, 1110 UTC
14414 kHz, 01-02, 06-02/13-02/15-02/20-02/22-02/27-02, 1120 UTC
13914 kHz, 01-02, 06-02/13-02/15-02/20-02/22-02/27-02, 1130 UTC
13414 kHz, 01-02, 06-02/13-02/15-02/20-02/22-02/27-02, 1140 UTC
12214 kHz, 01-02, 06-02/13-02/15-02/20-02/22-02/27-02, 1150 UTC

13443 kHz, 02-02/08-02/09-02/15-02/16-02/22-01/23-01, 0600 UTC
13943 kHz, 02-02/08-02/09-02/15-02/16-02/22-01/23-01, 0610 UTC
14443 kHz, 02-02/08-02/09-02/15-02/16-02/22-01/23-01, 0620 UTC
14943 kHz, 02-02/08-02/09-02/15-02/16-02/22-01/23-01, 0630 UTC
15843 kHz, 02-02/08-02/09-02/15-02/16-02/22-01/23-01, 0640 UTC
16343 kHz, 02-02/08-02/09-02/15-02/16-02/22-01/23-01, 0650 UTC

8064 kHz, 02-02/07-02/09-02/14-02/21-02/23-02/28-02, 2000 UTC
7964 kHz, 02-02/07-02/09-02/14-02/21-02/23-02/28-02, 2010 UTC
6964 kHz, 02-02/07-02/09-02/14-02/21-02/23-02/28-02, 2020 UTC
5864 kHz, 02-02/07-02/09-02/14-02/21-02/23-02/28-02, 2030 UTC
5364 kHz, 02-02/07-02/09-02/14-02/21-02/23-02/28-02, 2040 UTC
4464 kHz, 02-02/07-02/09-02/14-02/21-02/23-02/28-02, 2050 UTC



Q26 - Chinese military

11133.5 kHz, 03-02, 1225 UTC, 4+4 QPSK 75/3000 LSB

11527.5 kHz, 03-02, 1120 UTC, 4+4 QPSK 75/3000 LSB

JYJYJYJYJYJY

3M9Z 3M9Z 3M9Z DE 9B30 9B30 9B30 QSA?

3M9Z 3M9Z 3M9Z DE 9B30 9B30 9B30 QSA?

3M9Z 3M9Z 3M9Z DE 9B30 9B30 9B30 QSA?

6252.5 kHz, 16-02, 0032 UT, 4+4 QPSK 75/3000 LSB

JYJYJYJYJY HR MSG GA PSE CY

0105 91 18 0216 0827

0105 91 18 0216 0827

0105 91 18 0216 0827

0105 91 18 0216 0827

KOKR---KOU9

7850 6468 0207 1398 5752 3589 9981 9684 0291 0049

1089 5415 0913 4369 0472 7427 5159 5656 4660 5561

7548 1387 9597 6768 2835 5669 4129 4053 0421 4574

0582 2140 7914 6048 8730 0588 4661 4342 1932 2677

6332 9236 7852 0674 0152 2607 7957 4141 0883 7189

3949 3946 4967 7123 6173 2068 5706 8080 4835 3773

_531_3_85 4517_8417 5934 6037 5973 7764 6319 0941

3943 2362 2141 7823 3031 6054 8172 6153 4053 9895

9051 3725 2152 2582 3607 3161 5040 6872 1905 1274

9608

QSL?QSL?

DIPLOMATIC STATIONS

Egyptian diplomatic stations

15990 kHz, 01-02, 1414 UTC, CODAN	99910 MFA Cairo wkg 66601: Egyptian embassy Washington
16008 kHz, 01-02, 1420 UTC, CODAN	99910 MFA Cairo wkg 66601: Egyptian embassy Washington
16133 kHz, 02-02, 1045 UTC, CODAN	99903 MFA Cairo wkg 33312: Egyptian embassy Harare
16010 kHz, 05-02, 1405 UTC, CODAN	99901: MFA Cairo wkg 66601: Egyptian embassy Washington
16022 kHz, 05-02, 1139 UTC, CODAN	99901: MFA Cairo wkg 44406: Egyptian embassy New Delhi
16066 kHz, 05-02, 1113 UTC, CODAN	99901: MFA Cairo wkg 44405: Egyptian embassy Islamabad
11333 kHz, 19-02, 1509 UTC, CODAN	Egyptian diplo i.p.

14445.7 kHz, 22-02, 0806 UTC, SITOR-A 100/170	Egyptian diplo station clg TVQX: Egyptian embassy Tehran
14445.7 kHz, 22-02, 0806 UTC, SITOR-B 100/170	Egyptian diplo station msg to Egyptian embassy Tehran

FMFMFMFMFMFMFM

CRFKG CRFKG HOKDS JG KDCFUSG ODS 52221 52221 52221 52221 52221 52221 KY KY
 CRFKG CRFKG HOKDS JG KDCFUSG ODS 52221 52221 52221 52221 52221 52221 KY KY
 CRFKG CRFKG HOKDS JG KDCFUSG ODS 52221 52221 52221 52221 52221 52221 KY KY
 CRFKG CRFKG HOKDS JG KDCFUSG ODS 52221 52221 52221 52221 52221 52221 KY KY
 CRFKG CRFKG HOKDS JG KDCFUSG ODS 52221 52221 52221 52221 52221 52221 KY KY

14445.7 kHz, 22-02, 0815 UTC, SITOR-A 100/170 Egyptian diplo station clg OOVF: Egyptian embassy Islamabad
 KBS KDUKXD KDPDKJ ODSWJ LFTJH KDDR LYFWKHR
 JG RGK WDSSSFFF
 HUXD

KBS KDUKXD KSR PYY HKBSF
 +?+
 +?+⁻-KGH DJ HTXF KD KDPKOH 1010+?
 HUXD HDSULGS+?
 ZWFK YKS YKS

12225 kHz, 22-02, 0900 UTC, CODAN Chirp	99903: MFA Cairo clg 11102: Egyptian embassy Paris. CODAN traffic
12226.7 kHz, 22-02, 0910 UTC, SITOR-A 100/170	MFA Cairo clg QUQP: unid embassy
10334.7 kHz, 28-02, 0826 UTC. SITOR-A 100/170	MFA Cairo clg XBVK: Egyptian embassy Bern

CLANDESTINE / TARGETED RADIO & JAMMERS

Target: Turkey

9525 kHz, 13-02, 1825 UTC, AM
 Radio Dengé-Welat. Program in Kurdish targeted at Turkey

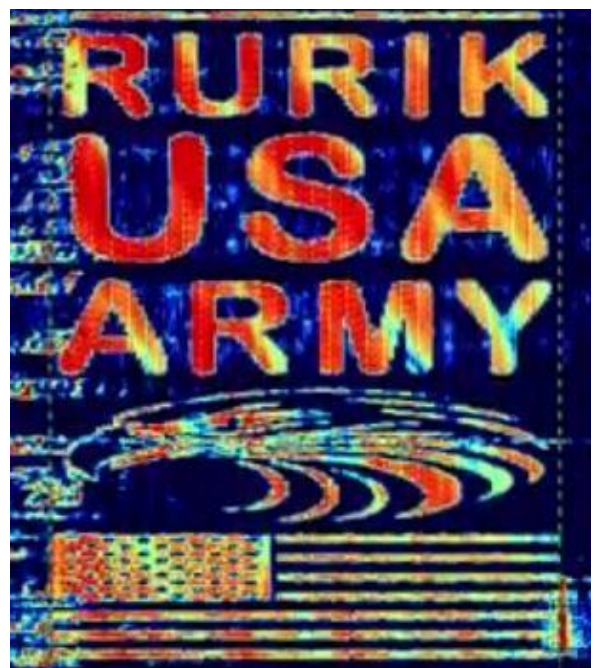
9525 kHz, 13-02, 0709 UTC, AM

TRT Radio Recep Erdogan jamming Radio Dengé-Welat

Russian-Ukrainian radio war

3731 kHz, 17-02, 2218 UTC, LSB
 Waterfall text (picture right)

7055 kHz, 19-02, 1424 UTC, LSB
 Anti Russia messages. Many stations on top of each other



UTILITY ROUND-UP

North Korean military

4416 kHz, 04-02, 1216 UTC, CW, i.p.

0267 00140 526V 5NB DE 53G QRU

..... 43674 SK SK TT

4393 kHz, 23-02, 1214 UTC, CW, i.p.

VVV 93Z DE 3HC QRU

VVV 5185 5185 SK SK T T

3966.5 kHz, 25-02, 1206 UTC, CW, i.p.

VVV ISD (x3) DE TJY (x2)

0527 (x5) (Long zero)

MSG MSG

NR UTAD 7443 0555 NT5T AN3T

NR UTUA 37N7 TA55 NT5T AN3T

NR UT3A 37A5 TA55 NT5T AN3T

NR UT4A A57. ..55 NT5T AN3T

NR UTUA 57NN ..3A

NR ..7 A4UD TA55 NT5T AN3T

NR UT66 5NU5 TA55 NT5T AN3T

NR

NR UTUA 374U N73A N

NR UT3A 37U5 N.. ...

Chinese military

6784 kHz, 07-02, 0001 UTC. Copied by DKR

Mil-STD-188-141A/USB. Stations 601 and 153.

Data transmission in MIL-STD 188-110B App B (39-tone) 150 bps:

130080702012222

fb2825.txt210207075025

7904---5394

SVC QRW

QRW L18 7064 0900 COMM 5394

7904 STN QSL 0733 NR 23

7064 STN Q SL 0736 NR 0406

QSL?

7832 kHz, 15-02, 1208 UTC. Copied by DKR

Mil-STD-188-141A/USB. Stations 723 and 353.

Data transmission in MIL-STD-188-110A App.B (M39) 300 bps. Each line is repeated.

6649---7409

5881 4951 8070 6081 4072 6032 8741 6604 0000 0004

3721 4049 7374 9974 4983 0169 6859 4399 3972 2980

8906 6741 0578 7183 9540 5350 8950 2741 3045 8235

7289 3507 7173 4046 6232 5282 6853 4921 0157 9665

4841 6560 5203 4925 8384 1086 3375 4179 7564 4824

1567 1302 0218 6936 6004 5976 0896 9473 5882 6557

9450 5134 7390 4693 8962 5282 3135 6513 5823 9807

2118 2793 3061 5152 4178 1368 9061 5240 6427 4117

7594 9108 8181 3285 6878 2196 3206 8367 0292 3631

5296 7063 4091 2142 3752 7490 3902 1991 5273 9026 1

Unid

The unid station that used a Bugle sound as id signal in January used a Doorbell sound in February. In both cases PSK-8 bursts were transmitted too. Danila and Roberto logged the station in February, .

13438 kHz, 13-01, 0946 UTC, USB Bugle loop transmission + PSK-8 2000 bursts

<http://www.numbersoddities.nl/Bugle-loop-2021-01-13-0946utc-13438kHz.mp3>

13461 kHz, 14-01, 0944 UTC, USB Bugle loop transmission + PSK-8 2000 bursts

<http://www.numbersoddities.nl/Bugle-loop-2021-01-14-0944utc-13461kHz.mp3>

10467 kHz, 24-02, 1024 UTC, USB Doorbell sound + PSK-8 2400 bursts

<http://www.numbersoddities.nl/11542kHz-2021-02-25-1050utc-doorbell-PSK8-2400byDanila.mp3>

11542 kHz, 25-02, 1050 UTC, USB Doorbell sound + PSK-8 2400 bursts

PROMRÖ

Unid Bulgarian station with a daily schedule on 4735 kHz at 0700 UTC (summertime) / 0800 UTC (wintertime).

The messages are hand-keyed. Depending on the operator it sends the date as = 0111 = or = 01 11 = and midnight as 2400 or 0000. Sometimes = ABV = but most of the time = ABV. ABV means "I repeat".

4735 kHz, 02-02, 0805 UTC

VVVVV PROMRÖ = 0202 =
1000 0590 0640 0800 1210
1200 0630 0680 0850 1300
1400 0560 0610 0770 1180
1600 0540 0590 0750 1140
1800 0370 0400 0470 0700
2000 0330 0350 0410 0600
2200 0320 0330 0380 0520
2400 0340 0350 0400 0550
0200 0330 0340 0390 0540
0400 0320 0330 0380 0530
0600 0270 0290 0340 0480
0800 0450 0490 0610 0920
= ABV
VVVVVVV PROMRÖ = 0202 =
1000 0590 0640 0800 1210
1200 0630 0680 0850 1300
1400 0560 0610 0770 1180
1600 0540 0590 0750 1140
1800 0370 0400 0470 0700
2000 0330 0350 0410 0600
2200 0320 0330 0380 0520
2400 0340 0350 0400 0550
0200 0330 0340 0390 0540
0400 0320 0330 0380 0530
0600 0270 0290 0340 0480
0800 0450 0490 0610 0920
= AR

4735 kHz, 05-02, 0800 UTC

VVVVV PROMRÖ =05 02= (long zero's)
1000 0600 0650 0810 1220
1200 0640 0700 0860 1300
1400 0580 0630 0780 1190
1600 0550 0600 0750 1140
1800 0390 0420 0500 0730
2000 0350 0370 0430 0620
2200 0330 0340 0390 0540
2400 0350 0360 0410 0560
0200 0330 0350 0400 0550
0400 0330 0340 0400 0550
0600 0280 0300 0350 0500
0800 0470 0500 0630 0950
= ABV
VVVVVVV PROMRÖ =05 02= (long zero's)
1000 0600 0650 0810 1220
1200 0640 0700 0860 1300
1400 0580 0630 0780 1190
1600 0550 0600 0750 1140
1800 0390 0420 0500 0730
2000 0350 0370 0430 0620
2200 0330 0340 0390 0540
2400 0350 0360 0410 0560
0200 0330 0350 0400 0550
0400 0330 0340 0400 0550
0600 0280 0300 0350 0500
0800 0470 0500 0630 0950
= AR

4735 kHz, 16-02, 0800 UTC

VVV VVV PROMRÖ = 16 02 =
1000 0600 0650 0810 1230
1200 0640 0690 0850 1280
1400 0570 0630 0790 1190
1600 0550 0600 0750 1140
1800 0420 0400 0540 0800
2000 0380 0400 0470 0680
2200 0350 0360 0420 0580
0000 0340 0360 0410 0560
0200 0340 0360 0410 0560
0400 0350 0360 0410 0570
0600 0300 0320 0370 0530
0800 0510 0550 0690 1040
= ABV
VVV VVV PROMRÖ = 16 02 =
1000 0600 0650 0810 1230
1200 0640 0690 0850 1280
1400 0570 0630 0790 1190
1600 0550 0600 0750 1140
1800 0420 0400 0540 0800
2000 0380 0400 0470 0680
2200 0350 0360 0420 0580
0000 0340 0360 0410 0560
0200 0340 0360 0410 0560
0400 0350 0360 0410 0570
0600 0300 0320 0370 0530
0800 0510 0550 0690 1040
= AR

4735 kHz, 29-02, 0800 kHz

VVVVV PROMRÖ = 20 02 =
1000 0610 0660 0820 1230
1200 0650 0700 0860 1290
1400 0580 0630 0790 1200
1600 0550 0600 0750 1140
1800 0430 0470 0570 0840
2000 0390 0410 0490 0700
2200 0360 0380 0430 0600
2400 0350 0360 0410 0560
0200 0350 0360 0420 0570
0400 0360 0370 0430 0580
0600 0310 0330 0390 0550
0800 0530 0570 0720 1080
= ABV
VVVVVV PROMRÖ = 20 02 =
1000 0610 0660 0820 1230
1200 0650 0700 0860 1290
1400 0580 0630 0790 1200
1600 0550 0600 0750 1140
1800 0430 0470 0570 0840
2000 0390 0410 0490 0700
2200 0360 0380 0430 0600
2400 0350 0360 0410 0560
0200 0350 0360 0420 0570
0400 0360 0370 0430 0580
0600 0310 0330 0390 0550
0800 0530 0570 0720 1080
= AR

4735 kHz, 23-02, 0800 UTC

VVVVV PROMRÖ = 23 02 =
1000 0600 0650 0810 1080
1200 0640 0690 0850 1230
1400 0570 0620 0780 1270
1600 0550 0600 0750 1140
1800 0430 0470 0570 0840
2000 0390 0410 0480 0690
2200 0350 0370 0430 0590
2400 0340 0350 0410 0560
0200 0350 0360 0410 0570
0400 0360 0370 0420 0580
0600 0310 0330 0380 0550
0800 0530 0580 0720 1080
= ABV =
VVVVVV PROMRÖ = 23 02 =
1000 0600 0650 0810 1080
1200 0640 0690 0850 1230
1400 0570 0620 0780 1270
1600 0550 0600 0750 1140
1800 0430 0470 0570 0840
2000 0390 0410 0480 0690
2200 0350 0370 0430 0590
2400 0340 0350 0410 0560
0200 0350 0360 0410 0570
0400 0360 0370 0420 0580
0600 0310 0330 0380 0550
0800 0530 0580 0720 1080
= AR

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
01-02	0714	Grey Mare	30 chr EAM RARSVD HCOVOFV72GHXLB4F572CRKWS
01-02	0731	Grey Mare	30 chr EAM RA2DT3 YGGQRIEQ4QPLE73245YCXNGO
01-02	0737	Grey Mare	30 chr EAM RA2DT3 YGGQRIEQ4QPLE73245YCXNGO
01-02	0740	Grey Mare	30 chr EAM RA2DT3 YGGQRIEQ4QPLE73245YCXNGO
01-02	0744	Grey Mare	30 chr EAM RABE63 GAWYZTSR7I3UPF6WRC4SMW6A
01-02	0747	Grey Mare	30 chr EAM RAE7YW 4PL3PS6BZHGYKTCUNCUYQ2B
01-02	0750	Grey Mare	30 chr EAM RAN3Z3 D3LPJD4OQQHBYJGLQLPF4OUN

01-02	2113	Grey Mare	30 chr EAM RAAF6U DECS5KUBZWYRQC3GACNR25F4
02-02	1413	Streamer	30 chr EAM RA3FX2 OYOQCWKJLEZ2PT6PTXNVMT2K
02-02	1818	Streamer	30 chr EAM RAI7EI CXXPL3OM27SN5RS4ITDACUIX
02-02	1933	Streamer	30 chr EAM RAH4LH KMLRT7KWFKD36TUOVEZAVWNL
02-02	2152	Streamer	30 chr EAM RA6OYX NJ74JB7J4E7JCNKVZK7YZ3W7
03-02	0003	Cress Leaf	30 chr EAM RARL2P QPTGN4QZVWOS7XBFJ746GHPX
03-02	0456	Cress Leaf	30 chr EAM RAERSM SNISZYAQ25KVHW47LPPVNAQE
03-02	1301	Cress Leaf	30 chr EAM RAONY7 TUGCUSR5SEAWQVHCUIKOQ23D
03-02	1717	Cress Leaf	30 chr EAM for Servo-13 ODKJ3Z JLRCPDH56JAYGTUNFZBGHH4H
03-02	1746	Cress Leaf	30 chr EAM RAOXEQ 73EVBJGDH6OFXC6KP76KHID
03-02	1802	Cress Leaf	30 chr EAM for Jumping Jack ODIH2Q 7MAEXFP6USYG333LKMOG4HZ2
03-02	2146	Cress Leaf	30 chr EAM RACJ7A VPY77F7KPFAUYKL2HVAI3NPG
03-02	2256	Cress Leaf	30 chr EAM RANTYU DRIURYCF6BCH3ULRL7CXBL65
03-02	2301	Cress Leaf	30 chr EAM RANTYU DRIURYCF6BCH3ULRL7CXBL65
03-02	2330	Cress Leaf	30 chr EAM RANTYU DRIURYCF6BCH3ULRL7CXBL65
04-02	0001	Cimbalist	30 chr EAM RANTYU DRIURYCF6BCH3ULRL7CXBL65
04-02	0007	Cimbalist	30 chr EAM RAY7DG 3LIZXNW4CZH2RT62MRQZC3VA
04-02	0033	Cimbalist	30 chr EAM RAYPRE NTIJE5YKKKGJOM5ENZSNRG4F
04-02	0302	Cimbalist	49 chr EAM ODEX63 3C4FVDBACLPK5W3ZTYCFG63UJ3WGWMCFG6UUNTKEHW5
04-02	0636	Cimbalist	30 chr EAM RASYIE S42HNGBHAAPGLAAPNPJWD3WN
04-02	0639	Cimbalist	30 chr EAM RAGHVB 24AEZKGGLTSVTZPZSOQKWGTV
04-02	0651	Cimbalist	30 chr EAM RAIJ5A I6YPKLLBPJR4CB4OIWEFTRNX
04-02	0700	Cimbalist	30 chr EAM RAIJ5A I6YPKLLBPJR4CB4OIWEFTRNX
04-02	0703	Cimbalist	30 chr EAM RAGHVB 24AEZKGGLTSVTZPZSOQKWGTV
04-02	0706	Cimbalist	30 chr EAM RASYIE S42HNGBHAAPGLAAPNPJWD3WN
04-02	0724	Cimbalist	30 chr EAM RA7ZKY UZ5VUR4JOD2AG5S5K5ZGYVQA
04-02	0740	Cimbalist	30 chr EAM RAZJIP 77UOD3AZVOHOXPRB7AMXQC43
04-02	2133	Cimbalist	30 chr EAM RARXGH C7XE3DUS7AWOQ62IEEJB24Z
05-02	1407	Aid First	30 chr EAM RATSDS TXVDYZAMV3HJEPQAGYPRDMA4
05-02	1430	Aid First	30 chr EAM RATSDS TXVDYZAMV3HJEPQAGYPRDMA4
05-02	1500	Aid First	30 chr EAM RATSDS TXVDYZAMV3HJEPQAGYPRDMA4
05-02	1513	Aid First	30 chr EAM RAKO6G 6LS6QVKZ6AQ3QODSRL2UARNY
05-02	1817	Aid First	30 chr EAM RAD4WY TUOH4ETJYVOAEABRLNHLK6E
05-02	2123	Aid First	30 chr EAM RANXS FCEM26F7HL4QHBYSCESTJWK
05-02	2133	Aid First	30 chr EAM for Pink Tree ODYDZ6 B3ISF6JZVI44Z5IWAHUGUBPD
05-02	2152	Aid First	30 chr EAM for Pink Tree ODDZYW E2UJIWWNZCDH56V4IM5KSHHW
05-02	2246	Aid First	30 chr EAM for Pink Tree ODGYJK BK2EFC2NW6IZR74WUPPZIQQM
05-02	2307	Aid First	30 chr EAM for Pink Tree ODUNDY JZLIUR5MMCKKWCD7O2LDEFKM
06-02	0111	Rhythmic	30 chr EAM ODSPPJ ERAYVDQUEUHZZCQO37AUOSZ5
06-02	0121	Rhythmic	30 chr EAM RACONM 6GE4PNKWGQ7ROURS5JQHFRMZ
06-02	0128	Rhythmic	30 chr EAM RAY2LH PZVGY3COPZPLL6TUOWJHTAWZ
06-02	0217	Rhythmic	30 chr EAM RA2QEE ILELLQLCLFJM2S5G7UNSM2IP
06-02	0530	Rhythmic	30 chr EAM RAI5CV YT4SHF6VQTKQGMBC3X7IRS2X
06-02	0546	Rhythmic	30 chr EAM RA6JDM HYZZ6KHGKKDXINGUC5NFD7L2
06-02	0549	Rhythmic	30 chr EAM RA6FSS B7YWGRN33DXLIGVL4UJ62DR4
06-02	0552	Rhythmic	30 chr EAM RAMJ5O ZTYY3626AWAX3DFVP5CGA5TS
06-02	0559	Rhythmic	30 chr EAM RAMJ5O ZTYY3626AWAX3DFVP5CGA5TS
06-02	0602	Rhythmic	30 chr EAM RA6FSS B7YWGRN33DXLIGVL4UJ62DR4
06-02	0604	Rhythmic	30 chr EAM RA6JDM HYZZ6KHGKKDXINGUC5NFD7L2
06-02	0612	Rhythmic	30 chr EAM RA6U6L K4JERUVOU3RIUADXFLVK2Y6C
06-02	0621	Rhythmic	30 chr EAM RAB4JW C62Y6RU46BFE2FW66MTNBMPK
06-02	0631	Rhythmic	30 chr EAM RAGX2O I6537QPFATE7NGPFC7UAYXQB
06-02	0633	Rhythmic	30 chr EAM RAGX2O I6537QPFATE7NGPFC7UAYXQB
06-02	0636	Rhythmic	30 chr EAM RAB4JW C62Y6RU46BFE2FW66MTNBMPK
06-02	0638	Rhythmic	30 chr EAM RA6U6L K4JERUVOU3RIUADXFLVK2Y6C
06-02	1438	Rhythmic	30 chr EAM for Saggy ODW37O WBAPRTELXONU6X7MX6AI7Z5
06-02	1536	Rhythmic	30 chr EAM RANV7X DA7DFAMSYYVMSMEGLQ3SP3XAY
06-02	1540	Rhythmic	30 chr EAM RAD55R EKPZ5ALYZV5WULYVKBEGILIZC
06-02	1604	Rhythmic	30 chr EAM for Saggy ODD7BP 7Q6ES7JQ77YJEXOECV3WVKP
06-02	1622	Rhythmic	30 chr EAM for Saggy ODMOAR JSL22F46D33I525XX4GSWJVC
06-02	1633	Rhythmic	30 chr EAM for Tube Socket, for Caisson OD5JKE QS4YHSNMBZQID5DGFTSA6A24
06-02	1653	Rhythmic	30 chr EAM for Tube Socket, for Caisson OD75XX WR3DSICOPGHLN7XFPPEPR7A52

06-02	1702	Rhythmic	30 chr EAM for Tube Socket ODLHHN KBFNVBSL7HEJTIAI5ZOL3OKR
06-02	1728	Rhythmic	30 chr EAM for Saggy ODKIAJ VWM2TZYNVIPGRO7LFZREY3W2
06-02	1752	Rhythmic	30 chr EAM for Saggy ODFORY IZKXBAD2UDGDBPJ4RQHKKLO5
06-02	1805	Rhythmic	30 chr EAM for Caisson OD65FK WT7YYHBAZ5O75D7VIO56TGMF
06-02	2033	Rhythmic	30 chr EAM for Saggy ODI4C4 XLBHPL5J7NWEDZI2JNSF4RM2
06-02	2053	Rhythmic	30 chr EAM for Saggy ODQ2GR DZMYBTYCA4RHKAQAU3LSC4CI
06-02	2132	Rhythmic	30 chr EAM RAOC7A TKA6O4FD64X2TQ6BDUEIAFH6
06-02	2233	Rhythmic	30 chr EAM for Saggy ODWBR2 OPGQ55ADK66W3SOUAHVXFJTN
06-02	2253	Rhythmic	30 chr EAM for Saggy ODFKFF OGWASZGGIESD5YBWHZLODRGI
07-02	0317	Base Drum	30 chr EAM RAJ3HX YC267GVYFITQGA3VHBXACHYD
07-02	0626	Base Drum	30 chr EAM RAS5G7 3UKLVNTQL5E4UXKAWHL3RP7U
07-02	0630	Base Drum	30 chr EAM RAS5G7 3UKLVNTQL5E4UXKAWHL3RP7U
07-02	0700	Base Drum	30 chr EAM RAS5G7 3UKLVNTQL5E4UXKAWHL3RP7U
07-02	0703	Base Drum	30 chr EAM RAYNX2 2ODYTS4PVU2KRZVBM7J6UVIM
07-02	0706	Base Drum	30 chr EAM RA3RPA OXDFHED7K2OOSF2BWY3BHY7T
07-02	0744	Base Drum	30 chr EAM 5TUMVN 7KMHDY5WCMV5L2LNP7RCVZY4
07-02	1404	Base Drum	30 chr EAM for Doll ODNUOJ 6HFU5TU6663OHCRTMGGHQV3P
07-02	1418	Base Drum	30 chr EAM for Doll ODYSJX PPKQ7N2Q2B7TMGPBXIHFE2DQ
07-02	1616	Base Drum	30 chr EAM for Bulb ODBVGA OZEAG4D2T2A4KVMQD4CQ3EZC
07-02	1627	Base Drum	30 chr EAM for Bulb ODH4LK PAXQUXNW4GOHWXGBUATL3KQL
07-02	1636	Base Drum	30 chr EAM for A Par? ODGPEA X5KMYZFYVI5C2O3AHZ6LP7VV
07-02	1652	Base Drum	30 chr EAM for A Par? ODXHBN PPAPPWGURKXVEOL3337J2AUS
07-02	1736	Base Drum	30 chr EAM for Bulb ODRQO3 XDH3VWEM2BN52XKF24H3X2IE
07-02	1746	Base Drum	30 chr EAM for Bulb ODPIGJ AW7DODXVY2NOLVIVRHXTGH3K
07-02	1803	Base Drum	30 chr EAM for A Par? ODTAEB XSNT5OGND6LQMNBBCCWLJPWMF
07-02	1846	Base Drum	30 chr EAM 5TU5UR UZDLTLNCFUVOEICQBCPTLJGA
07-02	2033	Base Drum	30 chr EAM for Bulb ODHGLQ OUAIMEWOSL66QAMOJZM65XKV
07-02	2038	Base Drum	30 chr EAM for Bulb ODHGLQ OUAIMEWOSL66QAMOJZM65XKV
08-02	0623	Draw Knife	30 chr EAM 5TO2DB DXFG64KUCCKTHUSG4U6AJIGH
08-02	1517	Draw Knife	30 chr EAM 5TIZVK CTTW6ALGI5OQK7V4LY7W4LXB
08-02	1625	Draw Knife	30 chr EAM CI3QG2 L5PKDAOPXIJVUBTGZNY3YFWD
08-02	1747	Draw Knife	30 chr EAM 5THXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	1751	Draw Knife	30 chr EAM 5TJ6YH AQUYXRAIOXUUP26Z37PTH2C
08-02	1802	Draw Knife	30 chr EAM 5TJXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	1806	Draw Knife	30 chr EAM 5TJ6YH AQUYXRAIOXUUP26Z37PTH2C
08-02	1810	Draw Knife	30 chr EAM 5THXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	1823	Draw Knife	30 chr EAM 5TFMOK KHC5VNRGQ2CZZRBYZH7DUTQY
08-02	1830	Draw Knife	30 chr EAM 5TFMOK KHC5VNRGQ2CZZRBYZH7DUTQY
08-02	1834	Draw Knife	30 chr EAM 5TJ6YH AQUYXRAIOXUUP26Z37PTH2C
08-02	1837	Draw Knife	30 chr EAM 5THXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	1851	Draw Knife	30 chr EAM 5TSNRS M2KQYLEPYATS7IVMW7MDVIX3
08-02	1900	Draw Knife	30 chr EAM 5TFMOK KHC5VNRGQ2CZZRBYZH7DUTQY
08-02	1902	Draw Knife	30 chr EAM 5TJ6YH AQUYXRAIOXUUP26Z37PTH2C
08-02	1905	Draw Knife	30 chr EAM 5THXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	1908	Draw Knife	27 chr EAM CIHA24 4LGZNRKRD5BVHV3XJVQRK
08-02	1929	Draw Knife	30 chr EAM 5TJ6YH AQUYXRAIOXUUP26Z37PTH2C
08-02	1932	Draw Knife	30 chr EAM 5THXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	2000	Draw Knife	30 chr EAM 5TJ6YH AQUYXRAIOXUUP26Z37PTH2C
08-02	2002	Draw Knife	30 chr EAM 5THXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	2029	Draw Knife	30 chr EAM 5TJ6YH AQUYXRAIOXUUP26Z37PTH2C
08-02	2032	Draw Knife	30 chr EAM 5THXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	2102	Draw Knife	30 chr EAM 5TJ6YH AQUYXRAIOXUUP26Z37PTH2C
08-02	2104	Draw Knife	30 chr EAM 5THXEW 4Q3M3S7RCXR2BN4KTCIZBRA7
08-02	2314	Draw Knife	30 chr EAM 5TWUHU CJHVUBOYGFHCLD5VUXGNBYA4
09-02	1557	Adjacent	30 chr EAM 5TL5HT 3FOZNBXRHNA4W4BSLQUMVY2Q
09-02	1630	Adjacent	30 chr EAM CI6CON 2MIPFNURQBYYWNWBXICSKADZ
09-02	1718	Adjacent	74 chr EAM CIZNYO D2JXQOYLQFOQDVLBO7PAEOYOWCIH2ZJNGDDLBOUPAE0YB44RU 2PJ6GDSPJHJDSPJA2DB
09-02	1723	Adjacent	30 chr EAM CIFYUF TDULYVYLOLP3NWW3CXK2LNKN
09-02	1726	Adjacent	74 chr EAM CIZNYO D2JXQOYLQFOQDVLBO7PAEOYOWCIH2ZJNGDDLBOUPAE0YB44RU 2PJ6GDSPJHJDSPJA2DB
09-02	1731	Adjacent	30 chr EAM CIFYUF TDULYVYLOLP3NWW3CXK2LNKN

09-02	1810	Adjacent	30 chr EAM 57COXT 2ZYSNYAQLATV6SL4P2E4D2Z5
09-02	1844	Adjacent	30 chr EAM 5THYYV CKXD7TDQUP2IMT6KEEE6AG2Q
09-02	1917	Adjacent	37 chr EAM CIJLJZ M2B4FCWDOZ2W2S3ZJ7HKDNTVDTUNCWO
09-02	1927	Adjacent	37 chr EAM CIJLJZ M2B4FCWDOZ2W2S3ZJ7HKDNTVDTUNCWO
09-02	2253	Adjacent	37 chr EAM CI2PB2 DNTKLDN6IWICHAAO077J2QSM6DYQYRWT
10-02	1301	Duration	30 chr EAM 5TWPFJ 3QUHLQKZZV7QZFZ7TFOX3GPY
10-02	1309	Duration	30 chr EAM 5TKLSN ZWJ6T4ZGPOB2DDGSLBOG2D34
11-02	1114	Two Timer	30 chr EAM for Whaler CIYCLS 5EXNBU7GBQKHU65U66HBMKRW
11-02	1138	Two Timer	30 chr EAM for Whaler CI4A6K 3O5X2QJ6E6RXXGY4DNUEGHDM
11-02	1245	Two Timer	30 chr EAM for Whaler CIQ7YT SY5LP2AXJFMKU5PMJWHQ4HFV
11-02	1259	Two Timer	30 chr EAM for Whaler CIMH3Q KZZMIFWMV45NNZIIQVPHYHT
11-02	1317	Two Timer	30 chr EAM for Whaler CIOTHF X2SSCTFOCHYGQW2PLGB22GBD
11-02	1915	Two Timer	42 chr EAM CISLHI KLOSQ5N3XFHUUHF2VFHFVXZGGQL6YUNRXX
12-02	0546	White Ash	30 chr EAM 5TS444 G6A4FCTWNNFGAI6YQ56PKFSX
12-02	0600	White Ash	30 chr EAM 5TDDOO BKVWW36HOFDPDNWKNWTVOS3UE
12-02	0604	White Ash	30 chr EAM 5TDDOO BKVWW36HOFDPDNWKNWTVOS3UE
12-02	0607	White Ash	30 chr EAM 5TS444 G6A4FCTWNNFGAI6YQ56PKFSX
12-02	0627	White Ash	30 chr EAM 5T6PKN 55P5LHORS6DAYLPFJGU2SYBR
12-02	0630	White Ash	30 chr EAM 5TJWBR TWRPGPGAIFJJA7RUFML5HSJG
12-02	0633	White Ash	30 chr EAM 5TR3DR AIGVA64EWNWZIFAD527LHFZT
12-02	0637	White Ash	30 chr EAM 5TR3DR AIGVA64EWNWZIFAD527LHFZT
12-02	0639	White Ash	30 chr EAM 5TJWBR TWRPGPGAIFJJA7RUFML5HSJG
12-02	0641	White Ash	30 chr EAM 5T6PKN 55P5LHORS6DAYLPFJGU2SYBR
12-02	1527	White Ash	216 chr EAM NBFKRW WCWG3EQH2XD2EX5WLGFP4TPQBXTSPU2SVSFETT5C2V7EY2RWLF5GV5KXHDCI25Z7GOFA WMRDXTETPTAWSXMXMLS6666KYKEL322LSUOCICJ2IXXXYDPJQNDSSL5SOMHM6MZKKKKX Z2DLCIB34FAGSGDGS6666GRKQJ7H7G3GZDH6HEDEYYYK5ELORORJC7XERE2DNPPPP7HIXY 7KXW
12-02	1538	White Ash	216 chr EAM NBFKRW WCWG3EQH2XD2EX5WLGFP4TPQBXTSPU2SVSFETT5C2V7EY2RWLF5GV5KXHDCI25Z7GOFA WMRDXTETPTAWSXMXMLS6666KYKEL322LSUOCICJ2IXXXYDPJQNDSSL5SOMHM6MZKKKKX Z2DLCIB34FAGSGDGS6666GRKQJ7H7G3GZDH6HEDEYYYK5ELORORJC7XERE2DNPPPP7HIXY 7KXW
12-02	1548	White Ash	30 chr EAM 5TWNHG 754NCOXNAST6U2VNFYQ2CLPO
12-02	2312	White Ash	30 chr EAM 5TVNRF ZLXW2RILHZDTRWO4NNSCSG2XD
12-02	2342	White Ash	30 chr EAM 5T26Z2 K5RS4Y3KBG53RF4FKMCJYG7S
13-02	0015	Trasher	30 chr EAM 5TWZCR RUSTTA7ELOWFR5Q7BCMIOXG3
13-02	2106	Trasher	90 chr EAM CIQPY4 BT5MB53JDSCPIWGUTBEGUTVDQ5GZLK3FIEY6CSG- FLBVJKHQ6W5G6LKXOIME63ZGOLK3FIEY6DKU7LBVJKHQQ
13-02	2132	Trasher	30 chr EAM 5TQJF RXBVCLLCLN2RPLGRZI5XTIBF
13-02	2141	Trasher	37 chr EAM CIEIY D4IHX75P4AX7NOT37H72KBIJQ4OY5T
13-02	2255	Trasher	30 chr EAM 5TVVT3 LJMZR4WPSJ6ET5D5Y6JTDQY
13-02	2258	Trasher	30 chr EAM 5TZZHU CYP7GGNJHWZF452BYHIGWM4A
13-02	2306	Trasher	30 chr EAM 5TKCQ5 V33P6XBOJTVRZ63WN7GYR2L
14-02	0217	Dedicate	30 chr EAM 5TTI6E Z7IKFR3SE7QISLUY4UYUTIZS
14-02	0450	Dedicate	36 chr EAM CIFI2H ADPBSVUPJQA0053TA27DFNKEMZYKLL
14-02	0524	Dedicate	30 chr EAM 5TOUUP DLWFCW7XSR52YY6V6ZQ3AYTZ
14-02	0524	Dedicate	30 chr EAM 5TFV2Q QUJSJOJZ5AYBJTBATX3QCV6D
14-02	1440	Dedicate	30 chr EAM 5TFWZ2 3KYU2DAITRJO5U3WNDIR7WC
14-02	1500	Dedicate	30 chr EAM 5TFWZ2 3KYU2DAITRJO5U3WNDIR7WC
14-02	1519	Dedicate	164 chr EAM NBVSVB DWDSQR3WCH5OS2E73EYBFZUJZ3ZABYPBB2CAAAA2R4WJ2QBL7E7 SI774M2222AJEKQZYWYSEYNQY3Q3UUUUUY4RIYT442WG4RXK4KW4444NURUGAQWGSP6 HJO7ORTTTTGI24UHLGGQK66HKNZXXXXA65I4PIPA
14-02	1530	Dedicate	164 chr EAM NBVSVB DWDSQR3WCH5OS2E73EYBFZUJZ3ZABYPBB2CAAAA2R4WJ2QBL7E7 SI774M2222AJEKQZYWYSEYNQY3Q3UUUUUY4RIYT442WG4RXK4KW4444NURUGAQWGSP6 HJO7ORTTTTGI24UHLGGQK66HKNZXXXXA65I4PIPA
14-02	1539	Dedicate	30 chr EAM 5TFWZ2 3KYU2DAITRJO5U3WNDIR7WC
14-02	1555	Dedicate	30 chr EAM 5TQFPG 4WGPSF3NKVT7PGA5YWP2WXI
14-02	1602	Dedicate	30 chr EAM 5TSPPD RNLNA57XTTA6N765QM3A7BJT
14-02	1605	Dedicate	30 chr EAM 5TQFPG 4WGPSF3NKVT7PGA5YWP2WXI

14-02	1607	Dedicate	164 chr EAM NBVSVB DWDSQR3WCH5OS2E73EYBFZUJZ3ZABYPBB2CAAAA2R4WJ2QBL7E7SI 774M2222AJEKQZYWYSEYNQY3Q3UUUUUY4RIYT442WG4RXK4KW4444NURUGAQWGS6HJO 7ORTTTTGI24UHHLGGQK66HNNKZXXXA65I4PIPA
14-02	1619	Dedicate	164 chr EAM NBHWYP YU65I2XFA2YV7SXJVXNOZMF3MLMZTK2TTOEVVVVBCRIV62XO476XV 66ZHNNNNX5GA67EQEPPGZ7GO7O3333N6J7ODTTYHHWCZKWK4XXXXPDFHIFNMI2IKRNFQF 3BBBBKCWPWGGEHHWYXXV7YBUUUUCHZTARTRB
14-02	1630	Dedicate	164 chr EAM NBHWYP YU65I2XFA2YV7SXJVXNOZMF3MLMZTK2TTOEVVVVBCRIV62XO476XV 66ZHNNNNX5GA67EQEPPGZ7GO7O3333N6J7ODTTYHHWCZKWK4XXXXPDFHIFNMI2IKRNFQF 3BBBBKCWPWGGEHHWYXXV7YBUUUUCHZTARTRB
14-02	1700	Dedicate	164 chr EAM NBHWYP YU65I2XFA2YV7SXJVXNOZMF3MLMZTK2TTOEVVVVBCRIV62XO476XV 66ZHNNNNX5GA67EQEPPGZ7GO7O3333N6J7ODTTYHHWCZKWK4XXXXPDFHIFNMI2IKRNFQF 3BBBBKCWPWGGEHHWYXXV7YBUUUUCHZTARTRB
14-02	1729	Dedicate	164 chr EAM NBUSIB VRAATOS5KLKMIZHWHKHTC2XB2P26E3NEE2G6666OAV26AQERXMESU EE6TEEEEAOUXTPAEAGWXPESSES6666KMKELX33SQUC24OCOWXXXXYBPJQVNWQGSMPZPOW O2KKKKXU2DILL533FGDD4SGKGGGGRK4ABDADR
14-02	1740	Dedicate	30 chr EAM 5TZX3S6 B2CYDC4C57WVVV6CYRMPG74
14-02	1747	Dedicate	30 chr EAM for Amid-79 CILSVT DH7YLXGMCBEJUMLI6LOW4HKJ
14-02	1817	Dedicate	30 chr EAM 5TFBND VX76TLHR36Y2UX4BQRA3PNUT
14-02	2107	Dedicate	42 chr EAM CI6N7U HI5UMGRCTFPO73ET4DLET4ZAKAY7LVVD7PGV
15-02	1700	Binocular	30 chr EAM 5TDNCM T4RIAEOGHJLJG4DI2LV7ZCLM
15-02	1735	Binocular	30 chr EAM 5TAOGZ 2JYR4Z3QA7GC3JY5YG3WJF7Y
15-02	1739	Binocular	30 chr EAM 5T5VPU 6KLW3VRG4MPJVVWJXM3LARMG
15-02	2217	Binocular	30 chr EAM 5TG45X 5NXGOWLWZCUX52XY5OWETZDM
16-02	0533	Giftshop	30 chr EAM 5TQIXR TDHSZFFCTHHKQWSHQOV6SWM3
16-02	0558	Giftshop	30 chr EAM 5TQIXR TDHSZFFCTHHKQWSHQOV6SWM3
16-02	0609	Giftshop	30 chr EAM 5TAM2U APENYFLZQYKQGSVS5ZZSDYCV
16-02	0629	Giftshop	30 chr EAM 5TAM2U APENYFLZQYKQGSVS5ZZSDYCV
16-02	0632	Giftshop	30 chr EAM 5TQIXR TDHSZFFCTHHKQWSHQOV6SWM3
16-02	0652	Giftshop	30 chr EAM 5TCY72 VEI3ADW2PQEL66SEQ3PXD6FR
16-02	1600	Giftshop	30 chr EAM 5T7NCW 7BOFUSHJBDA54DVIGYPWFLG
16-02	1604	Giftshop	36 chr EAM CIDQ26 OVXMBIRED75PGE4XX2AANI43NEJRSV
16-02	1621	Giftshop	30 chr EAM CIGZ2M JXN5MWL35FJXP6RKA34UI56F
16-02	1630	Giftshop	30 chr EAM 5T7NCW 7BOFUSHJBDA54DVIGYPWFLG
16-02	1646	Giftshop	30 chr EAM 5TK7EQ 7GTKIUIJUEUX67ADQWDGZ4WY
16-02	1650	Giftshop	30 chr EAM 5TGRNZ 7BUMA7QHALZRERPI7DPJ2NYU
16-02	1653	Giftshop	30 chr EAM 5T32AQ KXCIVZG3MKW47CIEHSA3QO2
16-02	1700	Giftshop	30 chr EAM 5T32AQ KXCIVZG3MKW47CIEHSA3QO2
16-02	1704	Giftshop	44 chr EAM CIJSQO V5FAFFOUG5CAILRW4DVG5CAUURLQBBEY7FUTAA
16-02	1933	Giftshop	30 chr EAM 5TCHAG 4J2I6UMBCRYWJ2L23DF2I4LH
16-02	2103	Giftshop	30 chr EAM 5TG2LQ QWV3MXUQLDRTFYCPKMWQE2AZ
16-02	2112	Giftshop	30 chr EAM CILYXL J35BSUKJWAVU5XPPSKFGSDUE
16-02	2117	Giftshop	30 chr EAM CI5M7H O4BHVPNYAXWR2IU34FKOSFXJ
17-02	0203	Parasite	30 chr EAM for Cockroach? CIC7HBYTVYO3OYDFU5MK5LK7DYTK4I
17-02	0230	Parasite	268 chr EAM NBXP2N QAGZUANAJXSADGRBGIIY7GVHH7ZHEKHFBMYYYK5ELOXCS2S7ED2 ETSEPPPP7OJFZ2BE3CABY22SPLAAAA2R4WJF5V7JE7SDDQS32222AJL6Y7VVE3MBSE46E7OK QZSQGQEYNQYAJUUUUUY4RIYTR2E4G4RX44KW4444NURUGAQLQCP6HJ6OJOTTTTGI24HCF F7QQK6HTKTZXXXXA6OZMFA4MEZTK24U4CVVVVBCRIUVVO2276XXV36HNNNNX5J7LG7GO
17-02	0656	Parasite	30 chr EAM 5TPS4T MGVACYBEZQG2EGMK44ECXPZJ
17-02	0658	Parasite	30 chr EAM 5T6N27 MRZZVRSI5D67AEDT3D7N6LRW
17-02	0703	Parasite	30 chr EAM 5T6N27 MRZZVRSI5D67AEDT3D7N6LRW
17-02	0704	Parasite	30 chr EAM 5TPS4T MGVACYBEZQG2EGMK44ECXPZJ
17-02	1530	Parasite	30 chr EAM 5TMTRP F34RGGPPEIELTAVT7UHMWHH
17-02	1600	Parasite	30 chr EAM 5TMTRP F34RGGPPEIELTAVT7UHMWHH
17-02	1603	Parasite	30 chr EAM 5TLO3J RAQFM3D3KLLOYWSSIDTB7IOW
17-02	1606	Parasite	30 chr EAM 5TF3Q3 2M7SGQUFPDH2TWWTMWWDKZY6X
17-02	1608	Parasite	30 chr EAM 5TP5N5 4EAY3QKRL7OHSE3UTBEM7LG2
17-02	1617	Parasite	30 chr EAM 5TSVKU KRV4ZAZRHXB6I6JPROYAUJZR
17-02	1717	Parasite	30 chr EAM for Gazelle-97 CITHHL 7YWGMS65T6VQJ35KDG4JSUOP
17-02	1746	Parasite	30 chr EAM 5TIQFG U2F2DDSOTEWEW5ODRCIE6DZH
17-02	2103	Parasite	30 chr EAM 5T3RLG 3DFEJHWIS72OQTPMSWCLF4TA
17-02	2232	Parasite	30 chr EAM 5TTSW2 EUUEPOLHWTDPQLQV3I52KRWHI
18-02	0032	Scaffold	30 chr EAM 5TBZWC OIDWMC4PCDPSCQ7JDWKB42Q

18-02	0533	Scaffold	30 chr EAM 5TMUVY BWBIJ2PNUUWT2NJUO52HKBR3
18-02	0557	Scaffold	30 chr EAM 5TLJUW A6OGEQCTTZAJ5MZHOQU24PVY
18-02	0940	Scaffold	37 chr EAM CIEG2G KD3T45U3BO6ETJ7ZIFISCYFLSMWWA7N
18-02	1537	Scaffold	30 chr EAM 5TCJE7 7K4R4KGZC3KVIF6YGPFWTND
18-02	1540	Scaffold	30 chr EAM 5TKEGF FB3OOWWWUK2I2VNPXYKIZCXD
18-02	1549	Scaffold	30 chr EAM 5TUGHA 3KFF2Z57WUIPLJZYDUI6YHVO
18-02	1552	Scaffold	30 chr EAM for Region Bravo, for Region Charlie CI2TGK T3JL65RM753NPJ62YJPVWKML
18-02	1559	Scaffold	30 chr EAM 5TUGHA 3KFF2Z57WUIPLJZYDUI6YHVO
18-02	1602	Scaffold	30 chr EAM 5TKEGF FB3OOWWWUK2I2VNPXYKIZCXD
18-02	1604	Scaffold	30 chr EAM 5TCJE7 7K4R4KGZC3KVIF6YGPFWTND
18-02	1611	Scaffold	30 chr EAM 5T53GO D7TF6Q57LNP5SUWAKEWVAR6
18-02	1624	Scaffold	47 chr EAM CIY37B BNSKYWCOSDV4KHCY3XHCYOXHCY46IA6FTS57Y66C
18-02	1648	Scaffold	47 chr EAM CIP2CL A2VU7R45G7KSYMGXAIZXADGXGA6NQXFKOQJW5WGP
18-02	1653	Scaffold	37 chr EAM CI4UJE JHJMJPTVEK4C232G6TCLZAQ73T73UFQ
18-02	2232	Scaffold	30 chr EAM 5TQZZX 4TDSLGVWNA7ZLEISEB56IPZ
18-02	2249	Scaffold	30 chr EAM 5TNOWE 6VZXOYIOWCF5APMLY7YNS7UZ
18-02	2259	Scaffold	30 chr EAM 5TNOWE 6VZXOYIOWCF5APMLY7YNS7UZ
18-02	2314	Scaffold	30 chr EAM 5TVSRY E2M7CEX73OVUJK2YHTWVBX2J
19-02	1536	Quitclaim	30 chr EAM for Garby CIJ6BP FMR5IMAGB2OYTVP2NDA7XLRP
19-02	1542	Quitclaim	30 chr EAM CID2RP UMWSUQXNWX5ZQ2RO3K2AGPLE
19-02	1546	Quitclaim	30 chr EAM for Garby CIMN2Y IH3FWGSGID4G3XAEPUZGRAED
19-02	1557	Quitclaim	30 chr EAM for Garby CIULHR BUTQJPSKH44KGOVMLJL4VOS5
19-02	1706	Quitclaim	30 chr EAM 5TUYIJ GSEF5IRHG4UM52W2FYPCFNNM
19-02	1711	Quitclaim	30 chr EAM 5TCM5O CDCNKNQZTKW4LGRDADEWIVG
19-02	1716	Quitclaim	30 chr EAM 5T6ULG YJ3SWO4ZQJ3TTT6TCGD57BHV
19-02	1734	Quitclaim	30 chr EAM 5TOKYO EO7AFTWD7SQTAAFMWKWV7YHL
19-02	1737	Quitclaim	30 chr EAM for Garby CIVZCN W7XCIIMUAGWJDK23KOGM3IOA
19-02	1744	Quitclaim	30 chr EAM for Garby CIA6WC MHTM2NCDYWPWA5Y6GSHLRLK
19-02	1755	Quitclaim	30 chr EAM for Skin-10 CIATO6 T5ZKW7TC4WIJS64B5UQXL3G4
19-02	1818	Quitclaim	30 chr EAM 5TVA4Z7 FSHONNFONLTLHLJPBZJLGR
19-02	1932	Quitclaim	30 chr EAM for Tupan? CI67XO 6UBAPD2RC4MEIV2T5ZJVKV7O
19-02	2133	Quitclaim	30 chr EAM 5TWBDU FK24RVCYQU2WCYHJF3BKVDU4
19-02	2222	Quitclaim	30 chr EAM 5TQ5DN 2C6C7SDBIEENR2LWXIE6NI73
19-02	2230	Quitclaim	30 chr EAM 5TQ5DN 2C6C7SDBIEENR2LWXIE6NI73
19-02	2240	Quitclaim	30 chr EAM 5TT7T2 K2XQLSNO7HQQSD6PZ5VVDXAR
19-02	2257	Quitclaim	30 chr EAM 5TXLWY 7PUS7PUDJJUNVC3ZMSHOKQIB
19-02	2302	Quitclaim	30 chr EAM 5TXLWY 7PUS7PUDJJUNVC3ZMSHOKQIB
19-02	2304	Quitclaim	30 chr EAM 5TT7T2 K2XQLSNO7HQQSD6PZ5VVDXAR
19-02	2306	Quitclaim	30 chr EAM 5TQ5DN 2C6C7SDBIEENR2LWXIE6NI73
19-02	2315	Quitclaim	30 chr EAM 5TZMFL 7CTKOTLYBEUTKAFSXNBSFG6P
20-02	1616	Comedian	30 chr EAM for Coppersmith CIL3HR RDP4TKARYAOPR2FRP5COXP6V
20-02	1632	Comedian	30 chr EAM for Coppersmith CIRL2U JBI2WWOWMN4WLI4TTZKLX663
20-02	1702	Comedian	30 chr EAM for Coppersmith CIFVDD S2DAO7GTPY2PLGUGHEOOJR3P
20-02	1722	Comedian	30 chr EAM for Coppersmith CIZVEN G3PU5ASQ6BTUNW2PBFK5REJ3
20-02	2112	Comedian	30 chr EAM 5TEQ7J 3HBPPCUKXV6MPAFCHSGBSTVQ
20-02	2132	Comedian	30 chr EAM 5TRC63 JVANYZ6GOYJ5USG35CVYEZT3
20-02	2239	Comedian	30 chr EAM 5TREEF WX4FKLN3SCL6WIMCVDIYXSRX
20-02	2256	Comedian	30 chr EAM 5TEE4T PWGCPBADBRCLTJWT75VA6FN
21-02	0000	Desiccant	30 chr EAM 5TEE4T PWGCPBADBRCLTJWT75VA6FN
21-02	0002	Desiccant	30 chr EAM 5TRC63 JVANYZ6GOYJ5USG35CVYEZT3
21-02	0005	Desiccant	30 chr EAM SP3S6X NVGDPLTITBGEUY3QEWEQVNBKQ
21-02	0216	Desiccant	30 chr EAM SP2LNW DWFQI2EQ3EJTXYSABJLN5H2
21-02	0611	Desiccant	30 chr EAM SPFK55 NRIG6IIYY2G73U4VWUIJEUTX
21-02	0615	Desiccant	30 chr EAM SPFK55 NRIG6IIYY2G73U4VWUIJEUTX
21-02	0623	Desiccant	30 chr EAM SPDRPV V4NI6LTZFFR74NMO3O2TDIWR
21-02	0628	Desiccant	30 chr EAM SPDRPV V4NI6LTZFFR74NMO3O2TDIWR
21-02	0631	Desiccant	30 chr EAM SPFK55 NRIG6IIYY2G73U4VWUIJEUTX
21-02	0641	Desiccant	30 chr EAM SPPGPB AGPRU6CYVNSEKEM4XUME42XV
21-02	0644	Desiccant	30 chr EAM SPEBAW X7KPZ73AQSMNKQKMLQ3H4RNU
21-02	0647	Desiccant	30 chr EAM SPUAME 5LPUNEPCTUZ7BP6KXULIBUMZ
21-02	0701	Desiccant	30 chr EAM SPUAME 5LPUNEPCTUZ7BP6KXULIBUMZ
21-02	0704	Desiccant	30 chr EAM SPHZJA DCAJCPC47HNCQAEKQWVIH3XA

21-02	0708	Desiccant	30 chr EAM SPJLZE U6KVCL6UHQOUKZPKOEYOYLNQ2
21-02	0711	Desiccant	30 chr EAM SPEBAW X7KPZ73AQSMNKQKMLQ3H4RNU
21-02	0714	Desiccant	30 chr EAM SPPGPB AGPRU6CYVNSEKEM4XUME42XV
21-02	1505	Desiccant	30 chr EAM SPRXBQ VMAVWMZCZ6QY7W5XWYCL6UQB
21-02	1632	Desiccant	30 chr EAM SP62E2 OZUDAKX76REL6EU7QHWRIVL2
21-02	2246	Desiccant	30 chr EAM SPPCQT TLEPRUI7A4PJIGILSBWQGV
21-02	2318	Desiccant	30 chr EAM SPCTJP VXUBUDA7DYZ7XO2B2LDVDSLS
21-02	2330	Desiccant	30 chr EAM SPCTJP VXUBUDA7DYZ7XO2B2LDVDSLS
21-02	2349	Desiccant	30 chr EAM SPWFX7 MVMERIRHOWT7YMJBX2W7T4QC
22-02	0000	Skylight	30 chr EAM SPWFX7 MVMERIRHOWT7YMJBX2W7T4QC
22-02	0003	Skylight	30 chr EAM SPCTJP VXUBUDA7DYZ7XO2B2LDVDSLS
22-02	1428	Skylight	164 chr EAM NBSCFH MKKD53KUSGD2EX5WL5FVA6EFVYEPO6GZX623333N6J7OTBNTWHKLW CRKXXXXXPDFHINYMCCIFVKR3RQB8BBKOWPGDEAHGWZ4YXJB7UUUUCHDC2FZB6O6L2E3SEL 6666OAV26XRXROM6BESP6PEEEEAOXH4JQ7T
23-02	1714	Windburn	33 chr EAM CI6BN2 FAIHETZY2SE4FA7FUNJPA2YF34A
23-02	1802	Windburn	30 chr EAM SPT52I QEIWDLOXSQYG7OUEBC7L2JNY
23-02	1817	Windburn	30 chr EAM SPBIUA AGN4QXCKZ6CJTMNOAJOGQHIS
23-02	1821	Windburn	30 chr EAM SPU2LJ FNI7RVSJSI6UZKLPCHFDNTYE
23-02	1827	Windburn	30 chr EAM SPBIUA AGN4QXCKZ6CJTMNOAJOGQHIS
23-02	2111	Windburn	30 chr EAM CIITWK 2WYBXDH4UIXUQ2JBCZAAB5V3
24-02	0117	Duck Lucky	30 chr EAM SPB5BW 4HULU3IOVU6H3OGNXLB7VTU2
24-02	0203	Duck Lucky	30 chr EAM for Car Bell CIL42K JEDVI4NELNRKUETW3E7DWMPO
24-02	0602	Duck Lucky	142 chr EAM NBR4TD KEAB25I62ZZ77OFAMFRDXTPGAAAWXPELMLP66666MKMELXI2IUUC24W IOLXXXXYBPJQVSNTQSMZPWMMOKKKKKXU2DLVBRB3FGD47QA7GGGGRKQJ7F477GZHEQKMH QYYYYK53T2FEF6
24-02	1633	Duck Lucky	30 chr EAM for Powell? CIAEPZ 4QGH76EB5MBQH5PA2TMWJZ7V
24-02	1653	Duck Lucky	30 chr EAM for Powell? CIUZ33 QJ72AWKKYDFMXVEOATZMICHM
24-02	1718	Duck Lucky	30 chr EAM for Cove-40 CIJAES EFD4426GUTDPVQSPPON3I3DU
24-02	1746	Duck Lucky	30 chr EAM SPOW6F 7T2XJCEERHIITUAQ3HBUPYJC
24-02	1802	Duck Lucky	30 chr EAM for Powell? CIYOJB YFSWP2OIEKWBGJLCLEWY3M7F
24-02	1822	Duck Lucky	37 chr EAM CIXBSQ 67DNZ55SHFMEGJB3HMB37Z3OI2WVFVA
24-02	1828	Duck Lucky	37 chr EAM CIXBSQ 67DNZ55SHFMEGJB3HMB37Z3OI2WVFVA
24-02	2115	Duck Lucky	37 chr EAM for ??? CIPQC2 M3XIJPCCMKDM3ENWGGWG4ADC
24-02	2133	Duck Lucky	37 chr EAM for ??? CIJYPE B5GU7DOYRSNVH65LBCP2GIWJ
25-02	1413	Wild West	30 chr EAM for Early Riser CIOGND ZMVBQ6ROHUNIUI3QIBE7DZCF
25-02	1423	Wild West	30 chr EAM for Early Riser CIFHVB SVHY5FOBGED3Z5DHBGXZAJFQ
25-02	1432	Wild West	30 chr EAM for Early Riser CINEVI 5ZQVWGRPZAXEZZHAA2V5SCHKB
25-02	1442	Wild West	30 chr EAM for Early Riser CILZQ5 7KCLHDJWDVDXNNG37S53LSOB
25-02	1638	Wild West	59 chr EAM CIODCQ 2SR7W2UZTPOFDR23MBR23M6R23MMCRBJV7KBLGB35RBJI7FCKMEXH
25-02	1668	Wild West	30 chr EAM CIV7PU QG6CCMMCBBYNFLHTX6YYIP6N
25-02	1723	Wild West	30 chr EAM SPAH47 JHQBWIRXFSHHF7DY5ZRXXRBY
25-02	1734	Wild West	30 chr EAM SPLSPL HIOQJTFF3W63KPQH2VDXECGH
25-02	1838	Wild West	30 chr EAM for Ozzy CIDCPU EPTE46HIOOR2GIGBUJBWJQ3H
25-02	1857	Wild West	30 chr EAM for Ozzy CI7YTO L7VDBYJFXGD2PWZ4ERG54YA2
25-02	2132	Wild West	30 chr EAM SPXMF4 MMZINBJQ3FPSA3US5QQ7O65F
25-02	2202	Wild West	30 chr EAM for Ozzy CIG5KN QMVB34UXTZMZIBFPCY35PK6P
25-02	2240	Wild West	30 chr EAM for Ozzy CIF66Z 2GNC23FNTZMWEAJABFUX3WYS
25-02	2244	Wild West	30 chr EAM for Ozzy CIF66Z 2GNC23FNTZMWEAJABFUX3WYS
25-02	2248	Wild West	30 chr EAM SPRKPS CZJO4QEIT3C3O2Q22PV2D4BG
26-02	0336	Best Idea	30 chr EAM for Holy CIMRRS CLYBBFEUH5QIZGMRG43X43FA
26-02	0345	Best Idea	30 chr EAM SPKM6Y B6SWPSYEINYAGOH4EVEYW2M3
26-02	1718	Best Idea	30 chr EAM for Holy CIPZR4 N37FXXFEAJFE22R6XQT6T6VD
26-02	1736	Best Idea	30 chr EAM for Holy CIQ23R 5HFUTMMI7AV3A4MMX7P7AEXT
26-02	2043	Best Idea	30 chr EAM for Holy CIKNQT GFYTF3FVWHKZLTFLPBTTYBT
26-02	2054	Best Idea	30 chr EAM for Holy CIJHBX PPTMHXRTWKKAJQRMYSWF2JQ
26-02	2102	Best Idea	30 chr EAM SPKYXJ TQVYGLFUATNYGKG3Z2HT2LFV
26-02	2132	Best Idea	30 chr EAM SPTKNI RLHEQNB2HD6JGY6ABET7UPEN
26-02	2229	Best Idea	54 chr EAM CIUQIJ EI5ESC5U7B4BMC7LHFC7LSFKNYP7YXUDNXIQNYG7YBRAA2PH
27-02	0216	Bad Daddy	30 chr EAM SPG2HP JFDJLPHJ6XDMFPIWWC75YEU2
27-02	0555	Bad Daddy	30 chr EAM SPM3KJ Q2JUWKNSVZJXXUF5LW3I6LEO
27-02	0600	Bad Daddy	30 chr EAM SPM3KJ Q2JUWKNSVZJXXUF5LW3I6LEO

27-02	0645	Bad Daddy	142 chr EAM NBGVVQ 6B4ZEYUJIXP2ZWBBKK3ULOR2G2C7XERDSBBPPPP7OJFZEJC3ZASBLYY YVAAAA2R4WJ7QQBVE473SD7M2222AJEKQYSXWXE3YKV2QUUUUUUY4RIY4RQY4GK4ERWM M4444NU4HGYLRX
27-02	0659	Bad Daddy	30 chr EAM SPM3KJ Q2JUWKNSVZJXXUF5LW3I6LEO
27-02	0706	Bad Daddy	30 chr EAM SPSF3W L5CBB3M2F6T236KKHO3L2PF5
27-02	0716	Bad Daddy	30 chr EAM SPE5R5 ZTICCQT6D77BFSXFENGLN6PH
27-02	0726	Bad Daddy	30 chr EAM SPEDNG 5AX3P6QRLXEO5IJH7B4KGVO
27-02	0729	Bad Daddy	30 chr EAM SPZLCR JPAFHV6E7XS4HZFL7AXPBQIT
27-02	0758	Bad Daddy	164 chr EAM NBE2DK 4NOGNKPVZR3OSAJRNY63UGSGRRPONHN3H3TTTTGI24HQHHU7QT76 7BZT XXXXA6OZMAAR3MZ4OKOEU2VVVVBCRIV44AOO7Z5X5THHNNNNX5GA6EEVFNPO6Z62G K3333N6J7OTTYNWHKLC4WKWXXXXPDBUENS2
27-02	0812	Bad Daddy	164 chr EAM NBE2DK 4NOGNKPVZR3OSAJRNY63UGSGRRPONHN3H3TTTTGI24HQHHU7QT76 7BZTXXXXA6OZMAAR3MZ4OKOEU2VVVVBCRIV44AOO7Z5X5THHNNNNX5GA6EEVFNPO6Z62G K3333N6J7OTTYNWHKLC4WKWXXXXPDBUENS2
27-02	1015	Bad Daddy	59 chr EAM CIYUHW ILQATXFOPX5QD7Y2HZFY22OFY26ZI3GPPALNDOGB23GLPASVHYEL3
27-02	1245	Bad Daddy	30 chr EAM SP33EO QHRLN2QVXPICGRDHCN4GBL3
27-02	1546	Bad Daddy	30 chr EAM SP22HW 4PINPIEKODOW4XNVVYIZ2V7C
27-02	1623	Bad Daddy	30 chr EAM SP4QYN QZ5D6O6KJAXLPDOAVDCTX3U
27-02	1625	Bad Daddy	30 chr EAM SPCJ3I AD6SGUKXFX4XGZVA2FPWH4AS
27-02	1627	Bad Daddy	30 chr EAM SPKOZY XXE7G23UFFZAM66DSJP3QRUJ
27-02	1747	Bad Daddy	30 chr EAM for Antep-58 CIZA7 UQPES3YGIEF32OS3FRKQLTRZP
27-02	1818	Bad Daddy	30 chr EAM SPSQ6D TK4L762X7MSJCEX6GUGFDCEO
27-02	1931	Bad Daddy	30 chr EAM SPSO24 63AQN2I7J7BGPWMLR6HEIC4M
27-02	2134	Bad Daddy	30 chr EAM SPDV6H W32HJTBXYORIA4H5IO6OGSWZ
27-02	2137	Bad Daddy	30 chr EAM SPDV6H W32HJTBXYORIA4H5IO6OGSWZ
27-02	2309	Bad Daddy	30 chr EAM SPDFAC CRHFFQDAKUL6O7HFNUJKWGCR
27-02	2312	Bad Daddy	30 chr EAM SPB7RL LFFUGLDRBBT2MXFIM3BVA6XN
27-02	2315	Bad Daddy	30 chr EAM SPX7HO SEPXUC26W2G4XOT3G7IRU2V4
27-02	2330	Bad Daddy	30 chr EAM SPX7HO SEPXUC26W2G4XOT3G7IRU2V4
27-02	2333	Bad Daddy	30 chr EAM SPB7RL LFFUGLDRBBT2MXFIM3BVA6XN
27-02	2336	Bad Daddy	30 chr EAM SPDFAC CRHFFQDAKUL6O7HFNUJKWGCR
27-02	2339	Bad Daddy	30 chr EAM SPZE7 6CCHFOD7C3G2NEN5FLXN6IT
27-02	2347	Bad Daddy	30 chr EAM SPC4QN IIDCAPU7EM3V3DMIAHJ35Q7N
28-02	0216	Roll Call	30 chr EAM SP7A5W FYY4BEEAOKHCF3PQWT4T2UDY
28-02	0659	Roll Call	30 chr EAM SPV3AL A6F7K3XARFYX5CA5LDGJR7NQ
28-02	0702	Roll Call	30 chr EAM SPGW27 WFOITDLP4DRDWNTX74RDS2E
28-02	0704	Roll Call	30 chr EAM SPV3AL A6F7K3XARFYX5CA5LDGJR7NQ
28-02	0707	Roll Call	30 chr EAM SPGW27 WFOITDLP4DRDWNTX74RDS2E
28-02	0716	Roll Call	30 chr EAM SPZDT2 GLUCYTATP6TQLLQJYDF7DP5H
28-02	1732	Roll Call	30 chr EAM SPUENO DO2S4UU6N7DYZV7WMGRPZ76A
28-02	2221	Roll Call	30 chr EAM SPUZQG AWUI7CTSV2NHTVXOG4UGZQFL
28-02	2223	Roll Call	30 chr EAM SPBRAJ JUEPXD6FUQDYLYMY7GHFIBP4
28-02	2230	Roll Call	30 chr EAM SPHF2P QD2OFFJR2QKYBGZ42HYJRD2G
28-02	2233	Roll Call	30 chr EAM SPPRO7 H6GN2GYUVJZTCWYPPEZJIQDC
28-02	2237	Roll Call	30 chr EAM SPBRAJ JUEPXD6FUQDYLYMY7GHFIBP4
28-02	2240	Roll Call	30 chr EAM SPUZQG AWUI7CTSV2NHTVXOG4UGZQFL

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, JPL, Gwr, F5JBR, PP1, Tom

Strategic messages

Note by Gwraspe, date February 17th

I was listening to Baron on 4940 kHz and heard in the background via the open microphone “XXX XXX” so I looked around band, saw that Pip (S30) was transmitting. It was “JVB1 SBYTSOSYeV 212 ChYeSTNOST’ 251” in follow-up to their “JVB1 SBYTOSYeV 112 ChYeSTNOST’ 151” this morning which I also caught. Always fun to know that S30 is transmitting due to hearing their CW bleeding through Baron’s open mic.

5387 kHz, 05-02, 1204 UTC	XXX XXX CDI5 CDI5 90029 TRANSPORT 0871 9629 K
4922.5 kHz, 10-02, 1215 UTC	XXX XXX DMSB DMSB 90124 ZWUKOPAUk 0758 8026 K
9311 kHz, 11-02, 0802 UTC	XXX XXX TEKHNIChESKAYA PROWERKA 592 K
7314 kHz, 12-02,0841 UTC	REA4: XXX XXX L9XS L9XS 6OKS 6OKS QMCK QMCK P79N P79N 53346 ZAKISANXE 0619 1132
7314 kHz, 12-02,0854 UTC	REA4: XXX XXX L9XS L9XS 6OKS 6OKS QMCK QMCK P79N P79N 43860 TERMIST 2741 5192
7314 kHz, 12-02,0903 UTC	REA4: XXX XXX A2C2 A2C2 20745 UGARONII 8406 3478
7314 kHz, 12-02,0916 UTC	REA4: XXX XXX MSK7 MSK7 44222 OTWESNOSTX 1961 5953
7314 kHz, 12-02,0938 UTC	REA4: XXX XXX L9XS L9XS 6OKS 6OKS QMCK QMCK P79N P79N 16842 NORDOROW 3609 6743
7314 kHz, 12-02,0957 UTC	REA4: XXX XXX A2CA A2CA 20205 BROWASTYJ 4474 6049
5793 kHz, 16-02, 1117 UTC	XXX XXX 24YO 24YO 19073 DIKCIA 4866 3003 K
5383 kHz, 18-02, 1337 UTC	XXX XXX XHOP XHOP 32296 SKAZANIE 2959 5264 K
5374 kHz, 18-02, 1346 UTC	XXX XXX 596E 596E 48156 WYaZOFARSh 9915 9402 K
7523 kHz, 22-02, 0802 UTC	XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K
7523 kHz, 23-02, 0804 UTC	RBL88: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K //9311 kHz
9311 kHz, 23-02, 0804 UTC	RBL88: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K //7523 kHz
7523 kHz, 23-02, 0808 UTC	RBL88: XXX LR43 TEHNIÔESKAÂ PROWERKA 592 K sent to RBL90 RFN69 RFN77 RGR99 (RFN69 RFN77 acknowledge receipt)
7314 kHz, 23-02, 0859 UTC	REA4: XXX A2CA 67330 TERMIST 2741 6492 UGARONII 8406 4778 K
7314 kHz, 23-02, 0915 UTC	REA4: XXX A2CA 52401 OTWESNOSTX 1961 5953 K
7314 kHz, 23-02, 0935 UTC	REA4: XXX MSK7 46699 NORDOROW 3609 6743 K
7314 kHz, 23-02, 0954 UTC	REA4: XXX A2CA 30775 BROWASTYJ 4474 6049 K
5387 kHz, 25-02, 1118 UTC	XXX XXX XHOP XHOP 63633 NYuHOChINK 1704 6523 TOChEchNYJ 8447 3832 K
5387 kHz, 25-02, 1140 UTC	XXX XXX XHOP XHOP 45462 ANTITZIS 8300 7268 K
5911 kHz, 25-02, 1144 UTC	JVB1 40734 NITOKNUT 2974 9768 (S30 CW channel)

Monolith stations

Western District

5780 kHz, 17-02, 1355 UTC

Net check: Iskra-32 is the central station and is working from the Buzzer. Stations in the net include Limit-46, Ivolga-07, Pluton-58 and Granica-69.

4625 kHz, 18-02, 1345 UTC

NZhTI 98774 SKAZANIE 2959 5264

www.priyom.org/media/256110/s28-4625usb-20210218-1345z-xhop-bygwraspe.ogg

4625 kHz, 25-02, 1115 YTC

ODVR YFUG 77761 26241 VYeSeL'Ye 7202 6932 PUPSOSKOT 1701 1440

Southern District

4940 kHz, 18-02, 1337 UTC

Baron. In the background M32 was audible. Baron was listening to this message on 5383 kHz: XXX XXX XHOP XHOP 32296 SKAZANIE 2959 5264 K

www.priyom.org/media/256105/xhop-5383cw-20210218-1337z-msg-bygwraspe.ogg

www.priyom.org/media/256113/baron-4940usb-20210218-1337z-xhop-bygwraspe.ogg

5448 kHz, 18-02, 1344 UTC, S30	JVB1 91691 ZONTOVYJ 3988 0782 //6913 kHz
6913 kHz, 18-02, 1344 UTC, S30	JVB1 91691 ZONTOVYJ 3988 0782 //5448 kHz
5473 kHz, 18-02, 1347 UTC, S32	Al'fa-45 38186 VYeTROHVAT 7570 4426
5448 kHz, 25-02, 1116 UTC, S30	JVB1 80789 GAKOHIOS 2650 4028 BYeZhYeNKA 6076 8803
4940 kHz, 25-02, 1130 UTC	Tros-28 ya Baron-78, Baklan - 95644 PAPYeRTNYJ 6967 5579
5372 kHz, 25-02, 1138 UTC	N'ZhJ 67412 NYeUChOHRYuK 9011 8834
5372 kHz, 25-02, 1139 UTC	N'ZhJ 88864 BLYuZ 6688 1145
5448 kHz, 25-02, 1144 UTC, S30	JVB1 40734 NITOKNUT 2974 9768
4940 kHz, 25-02, 1144 UTC, CW	Baron listens to S30's CW channel. Audible via Baron's open microphone. Message: JVB1 40734 NITOKNUT 2974 9768
5473 kHz, 25-02, 1144 UTC, S32	Al'fa-45 80166 ROMB 9659 1819

Russian military voice transmissions

Russian Military voice transmissions

Almost all transmissions begin with one or more 10-counts.
Znamya does not transmit during the weekend.

5045 kHz, 01-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5146. 16 chasov 15 minut konec svyazi
5045 kHz, 02-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9673. 16 chasov 15 minut konec svyazi
5045 kHz, 03-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6516. 16 chasov 15 minut konec svyazi
5045 kHz, 04-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7287. 16 chasov 15 minut konec svyazi
5045 kHz, 05-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6693. 16 chasov 15 minut konec svyazi
5045 kHz, 08-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1645. 16 chasov 15 minut konec svyazi
5045 kHz, 09-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8573. 16 chasov 15 minut konec svyazi
5045 kHz, 10-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi
5045 kHz, 11-02, 1410 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4418. 16 chasov 14 minut konec svyazi
5045 kHz, 12-02, 1415 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4729. 16 chasov 15 minut konec svyazi
No transmissions on 13-23 February
5045 kHz, 24-02, 1415 UTC Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 8752. 16 chasov 15 minut konec svyazi

Russian Air Force voice transmissions

5827 kHz, 10-02, 0955 UTC. Long Range Aviation

09451 to Katolik: 444 516 159 759 710 393 285 209 550 900 406 158 030

5635 kHz, 17-02, 1115 UTC

98883 to Limit: 749 208 359 081 243 403

Note: Saratov Long Range Aviation. Limit (Kedr and Duga in other seasons) always being on 5635/5606usb it seems certain that these are the training exercise callsigns with Katolik being the proper working callsign for the season.

<https://priyom.org/media/256029/limit-5635usb-20210217-1115z-98883-bygwraspe.ogg>

Russian military morse transmissions

M32 - Russian Military CW Stations

5279 kHz, 04-02, 1200 UTC

BAPC DE RBPS RBPS R XXX 59350 K UONI 158 K

OK R K (Appears to be control station)

BAPC DE WPRF R XXX 59350 KUONI 158 K

OK R K

BAPC DE SOPB R XXX 59350 KUONI 158 K

RPT K

BAPC DE SOPB R XXX 59350 KUONI 158 K

OK R K

BAPC DE KROH R XXX 59350 KUONI 158 K

6323 kHz, 05-02, 1039 UTC, i.p.

RGR99 DE RGR98 ZSA 1 ZSA ? K

RGR98 DE RGR99 ZSA 4 R K

REO4 DE RGR99 ZSA ? K

RGR99 DE REO4 ZSA 2 ZSA ? K

REO4 DE RGR99 ZSA 4 R K

4983 kHz, 06-02, 0737 UTC

XXX XHOP 29272 13

ORPAN PAWNG ALOChE YWENK KIPRO DANGK ÔROKE WENKO HOLAN ÔOLWY

DLOYW ITWPM ÔDKNG DLORG KchGOR WAPRO ÂÔZQN WOLEN APRYM TONGA

DORAN FYLDO DLYAP OLRYM BXUKE ChÂRPM BLCOU ÂQICH BXAUD BD ... LQD

FSCUM LÂILD JCUKY ... HZDCF = K K

6753 kHz, 06-02, 1100 UTC

RFFN wkg RFFCh, RFFR, RFFO, RFFQ

RFFN 713 23 6 1400 713 = 306 =

AAAAA ZZZZZ ZXXXA AACCC DDDEE EEEEE ZZEEE ZIOPM QSQR YPMChL

IKYGS BMTIF AWQTZ IKSII XTSEP FQMIM ChChZWT TLMWCh GYZQA THKAB

YPPWP = AR RFFN K

14411 kHz, 20-02, 1225 UTC

RDL RDL RDL 87898 90610 87898 90610 87898 90610 K

M32a - Russian Navy CW transmissions**5224 kHz, 08-02, 2004 UTC**

VVV RCIV DE RCV QSA ? K

VVV RAL48 DE RCV QSA ? K

4030 kHz, 22-02, 1500 UTC, i.p.

RMR80 ZTC AR

0920 22 1750 =

UYWRS WRTFA LVÛAC KUFÂS SCChTD CUKAW ENGPR KAKEN PIBXT ROLDZ

WHUMC ZIPVR GFCVA TTOCT GÛUCS TÂSNI IRMVG BYESÛ DYDIT WGDRU

RMR80 RMR80 ZTC AR ZTC AR

RMR80 ZTC 0920 22 1750 = (message repeated)

M32b - Russian Naval Air Transport CW transmissions**8816 kHz, 13-02, 1416 UTC**

RJC38 RJF94 DE 09547 QSA ? QTC K

09547 DE RJF94 QSA 1 QRV K

09547 QTH 16438 13610 QTR 1415 QBG 7900 QBD 0500 QRE XLMD 1520 RPT AL K

RJF94 RPT AL K

09547 RPT QTH 16438 13610 QTR 1415 QBG 7900 QBD 0500 QRE XLMD 1520 RPT AL K

RJF94 RPT AL K

which means:

QTH position @1415

64 38N 36 10E

64°38'00.0"N 36°10'00.0"E

QBG Flying above cloud and at height 7900

QBD Fuel remaining/endurance 0500

QRE Estimated time of arrival at XLMD (Severomorsk-1) is 1520

picture

**8816 kHz, 17-02, 0713 UTC**

54512 DE RJF94 QSA1 QRV QTO 0710 QRD XLMD XLAA QBD 0600 QRE 0850

14411 kHz, 20-02, 1224 UTC, T600

Sync 1414bebe952

Session Key: 13 0e 13 1c 0e 16 51 58 2c 19 2c 0b 26 1c 13 61 38 52 38 51 0b 4c 54 2c 1a

13 07 <EOM><EOM><EOM>

14411 kHz, 20-02, 1231 UTC, T600

Sync 1414bebe952

Session Key: 61 4c 54 16 62 32 0d 2a 61 19 0e 68 4a 43 38 62 07 64 34 13 70 1a 13 07 46

19 52 68 26 54 15 2c 4c 4c 52 43 43 64 0d 0d 23
 64 46 07 51 4a 0d 62 4c 4c 68 52 2c 34 52 1a 32
 4c 26 46 43 1a 1a 43 2a 13 4c 2a 1c 51 52 31 34
 0d 07 54 46 2a 15 58 68 34 19 32 4c 38 4c 2a 0e
 68 31 64 51 52 1c 1a 64 4c 38 62 2a 15 0e 62 34
 32 38 1a 62 38 68 1c 2c 58 43 46 38 0d 4a 61 58
 70 26 26 1a 34 4c 1a 4c 19 31 46 0d 15 64 16 26
 68 2a 2c 52 07 19 2c 0e 4a 52 23 4a 31 2c 1a 58
 15 1c 25 0b 26 31 1a 0d 54 62 34 2c 13 58 0d 07
 0b 16 25 0e 19 23 15 07 23 26 0b 52 1c 1c 19 13
 32 32 64 52 43 2c 1c 15 61 4a 31 26 0e 31 16 68
 23 2c 0d 2c 0d 0b 51 2a 31 70 58 34 52 4a 58 68
 38 16 19 4c 64 46 0e 13 62 2a 46 64 58 4c 34 23
 54 70 31 13 51 58 2c 68 68 0e 51 32 07 26 0b 61
 1c 13 13 64 32 0e 4c 19 0e 43 46 13 32 23 0d 25
 07 25 2c 32 0b 52 1c 2c 68 58 43 19 52 4a 43 16
 54 26 4a 0e 43 07 1a 19 0e 2a 70 38 52 58 54 1c
 51 46 25 61 16 23 43 1a 13 0e 2a 68 13 46 15 16
 51 62 34 07 68 26 62 07 13 2c 1a 2a 0b 58 34 2c
 23 64 61 2a 25 15 4a 0e 54 0d 13 07 23 64 2a 07
 1a 51 51 26 51 51 15 1c 2c 34 46 07 16 52 52 58
 1a 52 4c 25 52 4a 34 70 62 07 38 19 26 54 25 1a
 51 0e 0e 70 13 15 23 2c 61 58 38 15 70 61 1c 58
 2c 4a 15 19 0b 0d 43 46 58 46 1c 2c 25 38 68 32
 58 4a 23 54 26 2a 4a 32 0e 68 0d 1a 46 15 64 62
 38 68 1c 1a 1c 15 34 54 31 61 23 62 25 1a 15 15
 1a 52 38 61 32 2c 61 2c 13 19 62 68 68 1c 61 52
 4c 15 38 32 16 4c 1c 0e 43 38 4a 4c 25 <EOM><EOM><EOM>

14411 kHz, 20-02, 1232 UTC, T600

Sync 1414bebe952

Session Key: 58 4a 0e 0b 61 54 0d 0d 07 23 0d 58 26 70 62 25 54 52 16 13 2c 52 0e 58 15

51 58 25 62 2a 0d 32 46 58 1c 31 4a 61 43 38 64
 19 32 61 70 62 31 68 0d 46 13 46 43 15 38 07 58
 1c 4a 51 07 34 2c 2c 58 51 2c 52 23 2a 0b 16 0d
 2a 19 07 4a 62 19 1c 61 07 68 64 62 70 43 23 32
 0b 23 26 0e 52 0d 16 38 31 54 61 4a 0d 0b 2a 68
 0e 4a 2a 0d 54 68 70 38 51 32 34 58 0d 43 32 26
 43 23 16 16 58 62 19 0b 0b 38 13 13 68 68 07 51
 51 19 43 4c 0d 61 70 07 61 62 07 07 1c 13 62 52
 68 70 70 0e 70 4c 52 13 31 0b 64 25 62 1c 07 31
 15 2a 25 4c 2a 16 15 15 13 07 4c 38 26 2a 54 26
 4c 1a 4a 15 38 23 19 34 15 32 2a 0b 4a 4c 52 19
 54 51 32 51 70 64 68 68 46 61 0d 4c 31 4c 13 31
 43 13 34 34 07 26 19 68 46 23 54 0e 51 64 31 19
 46 2a 0b 51 2a 16 16 68 52 31 64 1c 70 52 52 32
 1a 46 68 1c 58 4c 54 2c 62 15 25 31 52 13 16 31
 58 16 4a 38 32 1c 32 1c 2c 23 2a 51 15 62 25 26
 61 07 68 61 58 0e 25 23 31 13 4c 61 0d 32 1a 1c
 52 1c 25 64 19 64 61 38 0b 13 13 0e 2c 25 13 62
 54 1c 2c 07 23 16 1a 0e 38 61 52 51 1c 52 70 26
 62 34 19 23 2a 19 23 25 46 25 25 46 46 51 54 16
 62 0b 58 19 51 64 32 38 2a 0d 46 26 16 70 1c 4c
 62 16 61 4a 15 07 25 58 4a 07 43 68 32 25 2a 1c
 70 31 2a 23 2c 46 13 13 58 2a 23 70 0e 16 0b 52
 62 34 52 34 4a 0e 31 46 68 31 32 4c 25 1a 31 0b
 15 58 70 54 43 32 58 4a 43 61 0d 0e 16 4a 61 68
 62 54 52 38 1c 15 70 26 34 <EOM><EOM><EOM>

LOGS SECTION

Code	Date	UTC	day	freq	Veld0	mode	ctrb
---	2-2	0805	Tue	4735	VVVVV PROMRÖ = 0202 = 1000 0590 0640 0800 1210 ... 0800 0450 0490 0610 0920 = AR	CW	(AB-GRC)
---	5-2	0800	Fri	4735	VVVVV PROMRÖ =05 02= (long zero's) 1000 0600 0650 0810 1220 ... 0800 0470 0500 0630 0950 = AR	CW	(AB-GRC)
---	16-2	0800	Tue	4735	VVV VVV PROMRÖ = 16 02 = 1000 0600 0650 0810 1230 ... 0800 0510 0550 0690 1040 = AR	CW	(AB-ROU)
---	17-2	2218	Wed	3731	Russian-Ukrainian radio war. Waterfall text	LSB	(AB)
---	18-2	1337	Thu	4940	Baron. In the background M32 was audible. Baron was listening to this message on 5383 kHz: XXX XXX XHOP XHOP 32296 SKAZANIE 2959 5264 K	USB	(Gwr)
---	18-2	1355	Thu	5780	Net check: Iskra-32 (Western District). Stations in the net include Limit-46, Ivolga-07, Pluton-58 and Granica-69.	USB	(Gwr)
---	19-2	1424	Fri	7055	Russian-Ukrainian radio war. Anti Russia messages. Many stations on top of each other	LSB	(AB)
---	20-2	0800	Sat	4735	VVVVV PROMRÖ = 20 02 = 1000 0610 0660 0820 1230 ... 0800 0530 0570 0720 1080 = AR	CW	(AB-ROU)
---	23-2	0800	Tue	4735	VVVVV PROMRÖ = 23 02 = 1000 0600 0650 0810 1080 ... 0800 0530 0580 0720 1080 = AR	CW	(AB-HNG)
---	24-2	1024	Wed	10467	Doorbell sound + PSK8 2400 bursts	USB/PSK-8-2400	(RR)
---	25-2	1050	Thu	11542	Doorbell sound + PSK8 2400 bursts	USB/PSK-8-2400	(DKR)
---	25-2	1130	Thu	4940	Tros-28 ya Baron-78, Baklan - 95644 PAPYeRTNYJ 6967 5579	USB	(Gwr)
---	25-2	1138	Thu	5372	N'ZhJ 67412 NYeUCHOHRYuK 9011 8834	USB	(Gwr)
---	25-2	1139	Thu	5372	N'ZhJ 88864 BLYuZ 6688 1145	USB	(Gwr)
---	25-2	1144	Thu	4940	Baron listens to S30's CW channel. Audible via Baron's open microphone. Message: JVB1 40734 NITOKNUT 2974 9768	CW	(Gwr)
DPRK	2-2	0830	Tue	16039.5	North Korean diplo i.p.	DPRK-ARQ 600/1200 LSB	(RR)
DPRK	4-2	0715	Thu	16122	North Korean diplo i.p.	DPRK-ARQ 600/1200 LSB	(RR)
DPRK	4-2	0730	Thu	16251.5	North Korean diplo i.p.	DPRK-ARQ 600/1200 LSB	(RR)
DPRK	5-2	1230	Fri	16258	North Korean diplo i.p.	DPRK-ARQ 600/1200 LSB	(RR)
DPRK	5-2	1335	Fri	16252	North Korean diplo i.p.	DPRK-ARQ 600/1200 LSB	(RR)
DPRK	17-2	0820	Wed	11045	MFA Pyongyang	DPRK-ARQ 600 LSB	(RR)
DPRK	21-2	0808	Sun	11045	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	22-2	0634	Mon	11045	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	22-2	0700	Mon	11047	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	28-2	0805	Sun	11045	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	28-2	0813	Sun	13115	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	4-2	0600	Thu	17480	702 936 51 87428 68390 69278 ... 69947 71521 11454 936 51 00000	USB	(AB-RUS/HFD)
E06	4-2	0700	Thu	20085	702 936 51 87428 68390 69278 ... 69947 71521 11454 936 51 00000	USB	(AB-RUS/HFD-RUS)
E06	5-2	0600	Fri	17480	702 936 51 87428 68390 69278 ... 69947 71521 11454 936 51 00000	USB	(AB-RUS)
E06	5-2	0700	Fri	20085	702 936 51 87428 68390 69278 ... 69947 71521 11454 936 51 00000	USB	(AB-RUS)
E06	15-2	0215	Mon	10628	i.p.	USB	(HFD-CHN)
E06	18-2	0600	Thu	17480	702 841 63 42368 65377 85869 ... 52186 69958 87108 841 63 00000	USB	(AB-RUS)
E06	18-2	0700	Thu	20085	702 841 63 42368 65377 85869 ... 52186 69958 87108 841 63 00000	USB	(AB-RUS)
E06	19-2	0600	Fri	17480	702 841 63 42368 65377 85869 ... 52186 69958 87108 841 63 00000	USB	(AB-RUS)
E06	19-2	0700	Fri	20085	702 841 63 42368 65377 85869 ... 52186 69958 87108 841 63 00000	USB	(AB-RUS)
E07	1-2	2000	Mon	8157	182 182 182 000	USB	(AB/HFD)

E07	1-2	2020	Mon	6857	182 182 182 000	USB	(AB/HFD)
E07	2-2	0700	Tue	15823	836 836 836 000	USB	(AB-GRC)
E07	2-2	0720	Tue	16323	836 836 836 000	USB	(AB)
E07	3-2	1800	Wed	8144	197 197 197 000	USB	(AB/MPJ/HFD)
E07	3-2	1820	Wed	6944	197 197 197 000	USB	(AB/MPJ/HFD)
E07	3-2	2000	Wed	8157	182 182 182 000	USB	(AB)
E07	3-2	2020	Wed	6857	182 182 182 000	USB	(AB)
E07	4-2	1410	Thu	13368	745 745 745 1 3358 35 3358 35 48465 34233 75802 ... 10544 68661 13111 000 000	USB	(AB/MPJ/HFD)
E07	4-2	1430	Thu	12168	745 745 745 1 3358 35 3358 35 48465 34233 75802 ... 10544 68661 13111 000 000	USB	(AB/MPJ/HFD)
E07	4-2	1450	Thu	11168	745 745 745 1 3358 35 3358 35 48465 34233 75802 ... 10544 68661 13111 000 000	USB	(AB/MPJ/HFD)
E07	5-2	0700	Fri	15823	836 836 836 000	USB	(AB-RUS)
E07	5-2	0720	Fri	16323	836 836 836 000	USB	(AB)
E07	6-2	1400	Sat	11464	472 472 472 000	USB	(AB/MPJ)
E07	6-2	1410	Sat	13368	745 745 745 1 3358 35 3358 35 48465 34233 75802 ... 10544 68661 13111 000 000	USB	(AB/MPJ)
E07	6-2	1420	Sat	10764	472 472 472 000	USB	(AB/MPJ)
E07	6-2	1430	Sat	12168	745 745 745 1 3358 35 3358 35 48465 34233 75802 ... 10544 68661 13111 000 000	USB	(AB/MPJ)
E07	6-2	1450	Sat	11168	745 745 745 1 3358 35 3358 35 48465 34233 75802 ... 10544 68661 13111 000 000	USB	(AB/MPJ)
E07	7-2	0700	Sun	9326	345 345 345 000	USB	(AB/HFD)
E07	7-2	0720	Sun	10426	345 345 345 000	USB	(AB/HFD)
E07	7-2	1800	Sun	8144	197 197 197 000	USB	(AB)
E07	7-2	1820	Sun	6944	197 197 197 000	USB	(AB)
E07	8-2	2000	Mon	8157	182 182 182 1 190 97 190 97 93809 35532 58175 ... 23877 28534 26382 000 000	USB	(AB/ES-HOL)
E07	8-2	2020	Mon	6857	182 182 182 1 190 97 190 97 93809 35532 58175 ... 23877 28534 26382 000 000	USB	(AB/ES-HOL)
E07	8-2	2040	Mon	5257	182 182 182 1 190 97 190 97 93809 35532 58175 ... 23877 28534 26382 000 000	USB	(AB/ES-HOL)
E07	9-2	0700	Tue	15823	836 836 836 1 292 112 292 112 28189 64315 30607 ... 79903 92926 19677 000 000	USB	(AB-POL/HFD)
E07	9-2	0720	Tue	16323	836 836 836 1 292 112 292 112 28189 64315 30607 ... 79903 92926 19677 000 000	USB	(AB/HFD)
E07	9-2	0740	Tue	18623	836 836 836 1 292 112 292 112 28189 64315 30607 ... 79903 92926 19677 000 000	USB	(AB/HFD)
E07	10-2	1800	Wed	8144	197 197 197 000	USB	(AB)
E07	10-2	1820	Wed	6944	197 197 197 000	USB	(AB)
E07	10-2	2000	Wed	8157	182 182 182 1 190 97 190 97 93809 35532 58175 ... 23877 28534 26382 000 000	USB	(AB)
E07	10-2	2020	Wed	6857	182 182 182 1 190 97 190 97 93809 35532 58175 ... 23877 28534 26382 000 000	USB	(AB)
E07	10-2	2040	Wed	5257	182 182 182 1 190 97 190 97 93809 35532 58175 ... 23877 28534 26382 000 000	USB	(AB)
E07	11-2	1410	Thu	13368	745 745 745 000	USB	(AB/MPJ)
E07	11-2	1430	Thu	12168	745 745 745 000	USB	(AB/MPJ)
E07	12-2	0700	Fri	15823	836 836 836 1 292 112 292 112 28189 64315 30607 ... 79903 92926 19677 000 000	USB	(AB)
E07	12-2	0720	Fri	16323	836 836 836 1 292 112 292 112 28189 64315 30607 ... 79903 92926 19677 000 000	USB	(AB)
E07	12-2	0740	Fri	18623	836 836 836 1 292 112 292 112 28189 64315 30607 ... 79903 92926 19677 000 000	USB	(AB-RUS)
E07	13-2	1400	Sat	11464	472 472 472 000	USB	(AB/MPJ)
E07	13-2	1410	Sat	13368	745 745 745 000	USB	(AB/MPJ/HFD)
E07	13-2	1420	Sat	10764	472 472 472 000	USB	(AB/MPJ/HFD)
E07	13-2	1430	Sat	12168	745 745 745 000	USB	(AB/MPJ)
E07	14-2	0700	Sun	9326	345 345 345 000	USB	(AB)
E07	14-2	0720	Sun	10426	345 345 345 000	USB	(AB)
E07	14-2	1800	Sun	8144	197 197 197 000	USB	(AB)
E07	14-2	1820	Sun	6944	197 197 197 000	USB	(AB)
E07	15-2	2000	Mon	8157	182 182 182 000	USB	(AB/RL)
E07	15-2	2020	Mon	6857	182 182 182 000	USB	(AB)

E07	16-2	0700	Tue	15823	836 836 836 000	USB	(AB)
E07	16-2	0720	Tue	16323	836 836 836 000	USB	(AB)
E07	17-2	1800	Wed	8144	197 197 197 000	USB	(AB)
E07	17-2	1820	Wed	6944	197 197 197 000	USB	(AB)
E07	17-2	2000	Wed	8157	182 182 182 000	USB	(AB)
E07	17-2	2020	Wed	6857	182 182 182 000	USB	(AB)
E07	18-2	1410	Thu	13368	745 745 745 1 341 35 341 35 86957 75295 02055 ... 96612 06595 56809 000 000	USB	(AB/MPJ)
E07	18-2	1430	Thu	12168	745 745 745 1 341 35 341 35 86957 75295 02055 ... 96612 06595 56809 000 000	USB	(AB/MPJ)
E07	18-2	1450	Thu	11168	745 745 745 1 341 35 341 35 86957 75295 02055 ... 96612 06595 56809 000 000	USB	(AB/MPJ)
E07	19-2	0700	Fri	15823	836 836 836 000	USB	(AB)
E07	19-2	0720	Fri	16323	836 836 836 000	USB	(AB)
E07	20-2	1400	Sat	11464	472 472 472 1 185 124 185 124 58610 02342 93491 ... 52872 53034 62875 000 000	USB	(AB/MPJ)
E07	20-2	1410	Sat	13368	745 745 745 1 341 35 341 35 86957 75295 02055 ... 96612 06595 56809 000 000	USB	(AB/MPJ)
E07	20-2	1420	Sat	10764	472 472 472 1 185 124 185 124 58610 02342 93491 ... 52872 53034 62875 000 000	USB	(AB/MPJ)
E07	20-2	1430	Sat	12168	745 745 745 1 341 35 341 35 86957 75295 02055 ... 96612 06595 56809 000 000	USB	(AB/MPJ)
E07	20-2	1440	Sat	9264	472 472 472 1 185 124 185 124 58610 02342 93491 ... 52872 53034 62875 000 000	USB	(AB/MPJ)
E07	20-2	1450	Sat	11168	745 745 745 1 341 35 341 35 86957 75295 02055 ... 96612 06595 56809 000 000	USB	(AB/MPJ)
E07	21-2	0700	Sun	9326	345 345 345 1 185 124 185 124 58610 02342 93491 ... 52872 53034 62875 000 000	USB	(AB)
E07	21-2	0720	Sun	10426	345 345 345 1 185 124 185 124 58610 02342 93491 ... 52872 53034 62875 000 000	USB	(AB)
E07	21-2	0740	Sun	11526	345 345 345 1 185 124 185 124 58610 02342 93491 ... 52872 53034 62875 000 000	USB	(AB)
E07	21-2	1800	Sun	8144	197 197 197 000	USB	(AB)
E07	21-2	1820	Sun	6944	197 197 197 000	USB	(AB)
E07	22-2	2000	Mon	8157	182 182 182 1 115 89 115 89 99696 31111 21683 ... 35035 48698 85542 000 000	USB	(AB)
E07	22-2	2020	Mon	6857	182 182 182 1 115 89 115 89 99696 31111 21683 ... 35035 48698 85542 000 000	USB	(AB)
E07	22-2	2040	Mon	5257	182 182 182 1 115 89 115 89 99696 31111 21683 ... 35035 48698 85542 000 000	USB	(AB)
E07	23-2	0700	Tue	15823	836 836 836 1 284 76 284 76 63175 12012 37856 ... 08661 74773 52068 000 000	USB	(AB-RUS)
E07	23-2	0720	Tue	16323	836 836 836 1 284 76 284 76 63175 12012 37856 ... 08661 74773 52068 000 000	USB	(AB-RUS)
E07	23-2	0740	Tue	18623	836 836 836 1 284 76 284 76 63175 12012 37856 ... 08661 74773 52068 000 000	USB	(AB-RUS)
E07	24-2	1800	Wed	8144	197 197 197 000	USB	(AB)
E07	24-2	1820	Wed	6944	197 197 197 000	USB	(AB)
E07	24-2	2000	Wed	8157	182 182 182 1 115 89 115 89 99696 31111 21683 ... 35035 48698 85542 000 000	USB	(AB)
E07	24-2	2020	Wed	6857	182 182 182 1 115 89 115 89 99696 31111 21683 ... 35035 48698 85542 000 000	USB	(AB)
E07	24-2	2040	Wed	5257	182 182 182 1 115 89 115 89 99696 31111 21683 ... 35035 48698 85542 000 000	USB	(AB)
E07	25-2	1410	Thu	13368	745 745 745 000	USB	(AB/MPJ)
E07	25-2	1430	Thu	12168	745 745 745 000	USB	(AB/MPJ)
E07	27-2	1400	Sat	11464	472 472 472 000	USB	(AB)
E07	27-2	1410	Sat	13368	745 745 745 000	USB	(AB)
E07	27-2	1420	Sat	10764	472 472 472 000	USB	(AB)
E07	27-2	1430	Sat	12168	745 745 745 000	USB	(AB)
E07	28-2	0700	Sun	9326	345 345 345 000	USB	(AB)
E07	28-2	0720	Sun	10426	345 345 345 000	USB	(AB)
E07	28-2	1800	Sun	8144	197 197 197 000	USB	(AB)
E07	28-2	1820	Sun	6944	197 197 197 000	USB	(AB)
E07a	3-2	2100	Wed	5877	825 825 825 000	USB	(AB/RL)
E07a	3-2	2120	Wed	5277	825 825 825 000	USB	(AB/RL)
E07a	4-2	0530	Thu	5111	189 189 189 000	USB	(AB)
E07a	4-2	0550	Thu	5811	189 189 189 000	USB	(AB)

E07a	5-2	1610	Fri	9347	318 318 318 000	USB	(AB/MPJ/HFD)
E07a	5-2	1630	Fri	8147	318 318 318 000	USB	(AB/MPJ/HFD)
E07a	6-2	0900	Sat	11053	015 015 015 000	USB	(AB)
E07a	6-2	0920	Sat	12153	015 015 015 000	USB	(AB)
E07a	10-2	2100	Wed	5877	825 825 825 000	USB	(AB)
E07a	10-2	2120	Wed	5277	825 825 825 000	USB	(AB)
E07a	11-2	0530	Thu	5111	189 189 189 000	USB	(AB)
E07a	11-2	0550	Thu	5811	189 189 189 000	USB	(AB)
E07a	12-2	1610	Fri	9347	318 318 318 000	USB	(AB/MPJ)
E07a	12-2	1630	Fri	8147	318 318 318 000	USB	(AB/MPJ)
E07a	13-2	0900	Sat	11053	015 015 015 000	USB	(AB/HFD)
E07a	13-2	0920	Sat	12153	015 015 015 000	USB	(AB/HFD)
E07a	17-2	2100	Wed	5877	825 825 825 000	USB	(AB)
E07a	17-2	2120	Wed	5277	825 825 825 000	USB	(AB)
E07a	18-2	0530	Thu	5111	189 189 189 000	USB	(AB)
E07a	18-2	0550	Thu	5811	189 189 189 000	USB	(AB)
E07a	19-2	1610	Fri	9347	318 318 318 000	USB	(AB/GHn/MPJ)
E07a	19-2	1630	Fri	8147	318 318 318 000	USB	(AB/MPJ/RL)
E07a	20-2	0900	Sat	11053	015 015 015 000	USB	(AB)
E07a	20-2	0920	Sat	12153	015 015 015 000	USB	(AB)
E07a	24-2	2100	Wed	5877	825 825 825 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
E07a	24-2	2120	Wed	5277	825 825 825 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
E07a	24-2	2140	Wed	4577	825 825 825 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
E07a	25-2	0530	Thu	5111	189 189 189 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
E07a	25-2	0550	Thu	5811	189 189 189 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
E07a	25-2	0610	Thu	6911	189 189 189 1 62588 338 87 338 87 21445 79124 90119 ... 74879 59598 82538 000 000	USB	(AB)
E07a	26-2	1610	Fri	9347	318 318 318 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/MPJ)
E07a	26-2	1630	Fri	8147	318 318 318 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/MPJ)
E07a	26-2	1650	Fri	6847	318 318 318 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB/MPJ)
E07a	27-2	0900	Sat	11053	015 015 015 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB)
E07a	27-2	0920	Sat	12153	015 015 015 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB)
E07a	27-2	0940	Sat	13553	015 015 015 1 63699 9360 96 9360 96 63740 28375 14040 ... 15577 62185 20501 000 000	USB	(AB)
E11	1-2	0450	Mon	4909	411/00	USB	(AB)
E11	1-2	0640	Mon	11450	946/00	USB	(AB)
E11	1-2	0745	Mon	10213	266/00	USB	(AB)
E11	1-2	0830	Mon	12424	182/00	USB	(AB)
E11	1-2	0900	Mon	8597	535/00	USB	(AB)
E11	1-2	1045	Mon	7984	692/00	USB	(AB)
E11	1-2	1530	Mon	5082	524/00	USB	(AB)
E11	1-2	1745	Mon	12924	244/00	USB	(MPJ)
E11	1-2	1900	Mon	6849	644/00	USB	(AB/MPJ)
E11	2-2	0645	Tue	7840	518/00	USB	(AB)
E11	2-2	0700	Tue	6804	571/00	USB	(AB)
E11	2-2	0715	Tue	9130	631/00	USB	(AB)
E11	2-2	0745	Tue	13908	220/00	USB	(AB)
E11	2-2	0845	Tue	12089	150/00	USB	(AB)
E11	2-2	1000	Tue	8597	308/00	USB	(AB)

E11	2-2	1205	Tue	6433	464/00	USB	(AB)
E11	2-2	1345	Tue	13363	915/00	USB	(AB/MPJ)
E11	2-2	1605	Tue	5344	236/00	USB	(AB/MPJ)
E11	3-2	0315	Wed	5779	252/00	USB	(AB)
E11	3-2	0640	Wed	11450	946/00	USB	(AB)
E11	3-2	0745	Wed	17378	348/00	USB	(AB)
E11	3-2	0845	Wed	12076	711/00	USB	(AB-POL)
E11	3-2	0900	Wed	8597	535/00	USB	(AB)
E11	3-2	0930	Wed	7469	273/00	USB	(AB)
E11	3-2	1045	Wed	7984	693/00	USB	(AB)
E11	3-2	1205	Wed	6433	463/00	USB	(AB/MPJ)
E11	3-2	1625	Wed	5082	972/00	USB	(AB/GHn/MPJ)
E11	3-2	1705	Wed	4505	394/00	USB	(AB/GHn/MPJ)
E11	4-2	0315	Thu	5779	250/00	USB	(AB)
E11	4-2	0645	Thu	7840	512/00	USB	(AB)
E11	4-2	0745	Thu	13908	220/00	USB	(AB)
E11	4-2	0820	Thu	5149	430/00	USB	(AB)
E11	4-2	0845	Thu	12089	154/00	USB	(AB)
E11	4-2	0930	Thu	7469	270/00	USB	(AB)
E11	4-2	1530	Thu	5409	261/00	USB	(AB/MPJ)
E11	4-2	1730	Thu	5779	418/00	USB	(AB/MPJ)
E11	4-2	1900	Thu	6849	640/00	USB	(AB/MPJ)
E11	5-2	0700	Fri	6804	576/00	USB	(AB)
E11	5-2	0715	Fri	9130	630/00	USB	(AB)
E11	5-2	0745	Fri	17378	343/00	USB	(AB-POL)
E11	5-2	0820	Fri	5149	432/00	USB	(AB)
E11	5-2	0830	Fri	12424	182/00	USB	(AB)
E11	5-2	1000	Fri	8597	302/00	USB	(AB)
E11	5-2	1530	Fri	5082	527/00	USB	(AB/MPJ)
E11	6-2	0805	Sat	4909	312/00	USB	(AB)
E11	6-2	1345	Sat	13363	917/00	USB	(AB/MPJ)
E11	6-2	1705	Sat	4505	394/00	USB	(AB/MPJ)
E11	6-2	1930	Sat	4909	364/00	USB	(AB/MPJ)
E11	7-2	0435	Sun	6280	359/00	USB	(AB/HFD)
E11	7-2	0805	Sun	4909	319/00	USB	(AB/HFD)
E11	7-2	1605	Sun	5344	231/00	USB	(AB/MPJ)
E11	7-2	1625	Sun	5082	975/00	USB	(MPJ)
E11	7-2	1745	Sun	12924	249/00	USB	(AB)
E11	7-2	1930	Sun	4909	366/00	USB	(AB/MPJ)
E11	8-2	0640	Mon	11450	944/00	USB	(HFD)
E11	8-2	0830	Mon	12424	188/00	USB	(AB)
E11	8-2	0845	Mon	12067	715/00	USB	(AB)
E11	8-2	0900	Mon	8597	532/00	USB	(AB)
E11	8-2	1045	Mon	7984	693/00	USB	(AB)
E11	8-2	1530	Mon	5082	522/00	USB	(AB/MPJ)
E11	8-2	1745	Mon	12924	246/00	USB	(AB-POL/MPJ)
E11	9-2	0645	Tue	7840	510/00	USB	(AB/HFD)

E11	9-2	0700	Tue	6804	575/00	USB	(AB)
E11	9-2	0715	Tue	9130	631/00	USB	(AB)
E11	9-2	0820	Tue	14611	133/00	USB	(AB)
E11	9-2	0845	Tue	12089	156/00	USB	(AB)
E11	9-2	1000	Tue	8597	300/00	USB	(AB)
E11	9-2	1205	Tue	6433	462/00	USB	(AB)
E11	9-2	1345	Tue	13363	911/00	USB	(AB/MPJ)
E11	10-2	0640	Wed	11450	948/00	USB	(AB)
E11	10-2	0745	Wed	17378	348/00	USB	(AB)
E11	10-2	0820	Wed	14611	135/00	USB	(AB)
E11	10-2	0845	Wed	12076	719/00	USB	(AB)
E11	10-2	0900	Wed	8597	536/00	USB	(AB)
E11	10-2	0930	Wed	7469	273/00	USB	(AB)
E11	10-2	1045	Wed	7984	693/00	USB	(AB)
E11	10-2	1205	Wed	6433	464/00	USB	(AB/MPJ-POL)
E11	10-2	1625	Wed	5082	970/00	USB	(AB/GHn/MPJ)
E11	10-2	1705	Wed	4505	394/00	USB	(AB/MPJ)
E11	11-2	0645	Thu	7840	515/00	USB	(AB)
E11	11-2	0820	Thu	5149	431/00	USB	(AB)
E11	11-2	0845	Thu	12089	155/00	USB	(AB)
E11	11-2	0930	Thu	7469	273/00	USB	(AB)
E11	12-2	0700	Fri	6804	571/00	USB	(AB)
E11	12-2	0745	Fri	17378	349/00	USB	(AB-POL)
E11	12-2	0820	Fri	5149	430/00	USB	(AB)
E11	12-2	0830	Fri	12424	188/00	USB	(AB)
E11	12-2	1000	Fri	8597	309/00	USB	(AB)
E11	12-2	1530	Fri	5082	525/00	USB	(AB/MPJ)
E11	12-2	1650	Fri	6849	924/00	USB	(GHn/MPJ)
E11	12-2	1910	Fri	10487	612/00	USB	(MPJ)
E11	13-2	0710	Sat	4505	495/00	USB	(AB)
E11	13-2	0805	Sat	4909	312/00	USB	(AB)
E11	13-2	1345	Sat	13363	911/00	USB	(AB/MPJ)
E11	13-2	1705	Sat	4505	399/00	USB	(AB/GHn/MPJ)
E11	13-2	1930	Sat	4909	360/00	USB	(AB)
E11	14-2	0435	Sun	6280	359/00	USB	(AB)
E11	14-2	0710	Sun	4505	490/00	USB	(AB)
E11	14-2	0805	Sun	4909	314/00	USB	(AB)
E11	14-2	1625	Sun	5082	976/00	USB	(AB/MPJ)
E11	14-2	1650	Sun	6849	920/00	USB	(AB)
E11	14-2	1745	Sun	12924	240/00	USB	(AB)
E11	14-2	1910	Sun	10487	617/00	USB	(AB/MPJ)
E11	14-2	1930	Sun	4909	364/00	USB	(AB/MPJ/RL)
E11	15-2	0450	Mon	4909	414/00	USB	(AB)
E11	15-2	0640	Mon	11450	942/00	USB	(AB)
E11	15-2	0745	Mon	10213	261/00	USB	(AB)
E11	15-2	0830	Mon	12424	189/00	USB	(AB)
E11	15-2	0845	Mon	12067	711/00	USB	(AB)

E11	15-2	0900	Mon	8597	535/00	USB	(AB)
E11	15-2	1530	Mon	5082	525/00	USB	(AB/MPJ)
E11	15-2	1900	Mon	6849	646/00	USB	(AB/MPJ/RL)
E11	16-2	0715	Tue	9130	637/00	USB	(AB)
E11	16-2	0745	Tue	13908	228/00	USB	(AB/RL)
E11	16-2	0820	Tue	14611	138/00	USB	(AB)
E11	16-2	0845	Tue	12089	154/00	USB	(AB)
E11	16-2	1205	Tue	6433	463/00	USB	(AB/MPJ)
E11	17-2	0315	Wed	5779	256/00	USB	(AB)
E11	17-2	0640	Wed	11450	945/00	USB	(AB)
E11	17-2	0820	Wed	14611	134/00	USB	(AB)
E11	17-2	0845	Wed	12076	718/00	USB	(AB)
E11	17-2	0900	Wed	8597	538/00	USB	(AB)
E11	17-2	0930	Wed	7469	273/00	USB	(AB)
E11	17-2	1205	Wed	6433	465/00	USB	(AB)
E11	17-2	1625	Wed	5082	974/00	USB	(AB/MPJ)
E11	17-2	1705	Wed	4505	394/00	USB	(AB/MPJ)
E11	18-2	0645	Thu	7840	518/00	USB	(AB)
E11	18-2	0745	Thu	13908	228/00	USB	(AB-POL)
E11	18-2	0820	Thu	5149	432/00	USB	(AB)
E11	18-2	0845	Thu	12089	154/00	USB	(AB)
E11	18-2	0930	Thu	7469	279/00	USB	(AB)
E11	18-2	1530	Thu	5409	260/00	USB	(AB/GHn)
E11	18-2	1730	Thu	5779	413/00	USB	(MPJ)
E11	18-2	1900	Thu	6849	648/00	USB	(AB/MPJ)
E11	19-2	0715	Fri	9130	639/00	USB	(AB)
E11	19-2	0820	Fri	5149	430/00	USB	(AB)
E11	19-2	0830	Fri	12424	189/00	USB	(AB)
E11	19-2	1530	Fri	5082	520/00	USB	(AB)
E11	19-2	1650	Fri	6849	927/00	USB	(AB/GHn/MPJ/RL)
E11	19-2	1910	Fri	10487	616/00	USB	(AB-POL)
E11	20-2	0710	Sat	4505	495/00	USB	(AB/ES-HOL)
E11	20-2	0805	Sat	4909	311/00	USB	(AB/ES-HOL)
E11	20-2	1345	Sat	13363	918/00	USB	(AB)
E11	20-2	1705	Sat	4505	399/00	USB	(AB/GHn/MPJ)
E11	21-2	0710	Sun	4505	497/00	USB	(AB)
E11	21-2	0805	Sun	4909	316/00	USB	(AB)
E11	21-2	1605	Sun	5344	230/00	USB	(AB/MPJ)
E11	21-2	1625	Sun	5082	976/00	USB	(AB/MPJ)
E11	21-2	1650	Sun	6849	926/00	USB	(AB/MPJ)
E11	21-2	1910	Sun	10487	614/00	USB	(AB/MPJ)
E11	21-2	1930	Sun	4909	368/00	USB	(AB/MPJ)
E11	22-2	0450	Mon	4909	415/00	USB	(AB)
E11	22-2	0745	Mon	10213	261/00	USB	(AB)
E11	22-2	1045	Mon	7984	693/00	USB	(AB)
E11	22-2	1745	Mon	12924	245/00	USB	(AB-POL/MPJ)
E11	22-2	1900	Mon	6849	644/00	USB	(AB/MPJ)

E11	23-2	0700	Tue	6804	574/00	USB	(AB)
E11	23-2	0745	Tue	13908	220/00	USB	(AB)
E11	23-2	0820	Tue	14611	138/00	USB	(AB)
E11	23-2	1000	Tue	8597	309/00	USB	(AB)
E11	23-2	1605	Tue	5344	230/00	USB	(AB/MPJ)
E11	24-2	0745	Wed	17378	346/00	USB	(AB-POL)
E11	24-2	0820	Wed	14611	135/00	USB	(AB)
E11	24-2	1045	Wed	7984	694/00	USB	(AB)
E11	25-2	0745	Thu	13908	225/00	USB	(AB-POL)
E11	25-2	1530	Thu	5409	260/00	USB	(AB/GHn/MPJ)
E11	25-2	1730	Thu	5779	418/00	USB	(AB/MPJ)
E11	25-2	1900	Thu	6849	641/00	USB	(AB/MPJ)
E11	26-2	0435	Fri	6820	350/00	USB	(AB)
E11	26-2	0745	Fri	17378	343/00	USB	(AB-POL)
E11	26-2	1000	Fri	8597	305/00	USB	(AB)
E11	26-2	1650	Fri	6849	926/00	USB	(AB/MPJ)
E11	26-2	1910	Fri	10487	610/00	USB	(AB-POL/MPJ)
E11	27-2	0710	Sat	4505	492/00	USB	(AB)
E11	28-2	0710	Sun	4505	495/00	USB	(AB)
E11	28-2	1605	Sun	5344	238/00	USB	(AB/MPJ)
E11	28-2	1650	Sun	6849	925/00	USB	(AB/MPJ)
E11	28-2	1745	Sun	12924	246/00	USB	(AB-POL/MPJ-POL)
E11	28-2	1910	Sun	10487	610/00	USB	(AB/MPJ-POL)
E11a	2-2	0820	Tue	14611	133/37 Attention 40412 39569 72647 ... 97329 25003 29979 Attention (message repeated) Out	USB	(AB)
E11a	5-2	1650	Fri	6849	926/37 Attention 88512 80331 16083 ... 56304 53126 70329	USB	(MPJ)
E11a	5-2	1910	Fri	10487	614/35 Attention 56005 09451 93642 ... 69375 62228 19739 Attention (message repeated) Out	USB	(AB-POL/MPJ-POL)
E11a	6-2	0710	Sat	4505	492/36 Attention 23532 66063 75124 ... 70786 16676 78115 Attention (message repeated) Out	USB	(AB-POL)
E11a	7-2	0710	Sun	4505	492/36 Attention 23532 66063 75124 ... 70786 16676 78115 Attention (message repeated) Out	USB	(AB-POL/HFD)
E11a	7-2	1650	Sun	6849	926/37 Attention 88512 80331 16083 ... 56304 53126 70329 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7-2	1910	Sun	10487	614/35 Attention 56005 09451 93642 ... 69375 62228 19739 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	8-2	0450	Mon	4909	418/38 Attention 85095 50992 38631 ... 97280 93887 94141 Attention (message repeated) Out	USB	(AB)
E11a	8-2	0745	Mon	10213	267/38 Attention 11168 71644 84027 ... 84899 29995 47958 Attention (message repeated) Out	USB	(AB)
E11a	8-2	1900	Mon	6849	640/36 Attention 97758 47628 91209 ... 58517 17397 49357 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	9-2	0745	Tue	13908	220/37 Attention 42319 73945 01596 ... 29091 72988 85597 Attention (message repeated) Out	USB	(AB)
E11a	9-2	1605	Tue	5344	232/32 Attention 60643 25384 99743 ... 12960 71063 59486 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
E11a	11-2	0745	Thu	13908	220/37 Attention 42319 73945 01596 ... 29091 72988 85597 Attention (message repeated) Out	USB	(AB-POL)
E11a	11-2	1530	Thu	5409	267/38 Attention 11168 71644 84027 ... 84899 29995 47958 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	11-2	1730	Thu	5779	418/38 Attention 85095 50992 38631 ... 97280 93887 94141 Attention (message repeated) Out	USB	(AB-POL/MPJ/HFD)
E11a	11-2	1900	Thu	6849	640/36 Attention 97758 47628 91209 ... 58517 17397 49357 Attention (message repeated) Out	USB	(AB-POL/MPJ)
E11a	14-2	1605	Sun	5344	232/32 Attention 60643 25384 99743 ... 12960 71063 59486 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	15-2	1045	Mon	7984	698/26 Attention 70445 06600 05519 ... 50120 14045 33562 Attention (message repeated) Out	USB	(AB)
E11a	15-2	1745	Mon	12924	244/39 Attention 68553 64744 97020 ... 19735 71660 94264 Attention (message repeated) Out	USB	(AB-POL/MPJ-POL)
E11a	16-2	0700	Tue	6804	577/39 Attention 96198 80381 12631 ... 53088 47217 78351 Attention (message repeated) Out	USB	(AB)
E11a	16-2	1000	Tue	8597	308/21 Attention 06244 47479 50051 ... 88335 51884 74980 Attention (message repeated) Out	USB	(AB)
E11a	17-2	0745	Wed	17378	349/35 Attention 30567 81756 31738 ... 05211 66393 64247 Attention (repeat message) Out	USB	(AB-POL)
E11a	17-2	1045	Wed	7984	698/26 Attention 70445 06600 05519 ... 50120 14045 33562 Attention (message repeated) Out	USB	(AB)
E11a	19-2	0435	Fri	6820	353/32 Attention 87643 16001 49411 ... 39764 20378 26720 Attention (message repeated) Out	USB	(AB)

E11a	19-2	0700	Fri	6804	577/39 Attention 96198 80381 12631 ... 53088 47217 78351 Attention (message repeated) Out	USB	(AB)
E11a	19-2	0745	Fri	17378	349/35 Attention 30567 81756 31738 ... 05211 66393 64247 Attention (repeat message) Out	USB	(AB-POL)
E11a	19-2	1000	Fri	8597	308/21 Attention 06244 47479 50051 ... 88335 51884 74980 Attention (message repeated) Out	USB	(AB)
E11a	21-2	0435	Sun	6820	353/32 Attention 87643 16001 49411 ... 39764 20378 26720 Attention (message repeated) Out	USB	(AB)
E11a	21-2	1745	Sun	12924	244/39 Attention 68553 64744 97020 ... 19735 71660 94264 Attention (message repeated) Out	USB	(MPJ-POL)
E11a	22-2	0640	Mon	11450	944/29 Attention 99981 52305 94454 ... 36801 53426 46959 Attention (message repeated)	USB	(AB-POL)
E11a	22-2	0830	Mon	12424	183/36 Attention 68994 14012 80166 ... 19574 05250 91596 Attention (message repeated) Out	USB	(AB)
E11a	22-2	0845	Mon	12067	719/32 Attention 47917 34913 69040 ... 26286 61141 12778 Attention (message repeated) Out	USB	(AB)
E11a	22-2	0900	Mon	8597	532/32 Attention 69431 16745 10020 ... 46665 63882 60442 Attention (message repeated) Out	USB	(AB/PP1)
E11a	22-2	1530	Mon	5082	525/39 Attention 81530 22086 50282 ... 28791 92196 77920 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	23-2	0645	Tue	7840	514/30 Attention 89692 25950 74302 ... 87072 43091 47008 Attention (message repeated) Out	USB	(AB-POL)
E11a	23-2	0715	Tue	9130	630/33 Attention 51963 13149 66734 ... 41249 64257 44409 Attention (message repeated) Out	USB	(AB-POL)
E11a	23-2	0845	Tue	12089	152/22 Attention 86784 05795 32136 ... 21117 64457 51740 Attention (message repeated) Out	USB	(AB)
E11a	23-2	1205	Tue	6433	469/31 Attention 19000 23919 49518 ... 41924 90943 68096 Attention (message repeated) Out	USB	(AB/Danix/MPJ)
E11a	23-2	1345	Tue	13363	910/32 Attention 01674 19138 45017 ... 06414 22142 66436 Attention (message repeated) Out	USB	(AB-POL/MPJ)
E11a	24-2	0845	Wed	12076	719/32 Attention 47917 34913 69040 ... 26286 61141 12778 Attention (message repeated) Out	USB	(AB)
E11a	24-2	0900	Wed	8597	532/32 Attention 69431 16745 10020 ... 46665 63882 60442 Attention (message repeated) Out	USB	(AB)
E11a	24-2	0930	Wed	7469	273/34 Attention 34291 40013 13125 ... 14943 04811 74940 Attention (message repeated) Out	USB	(AB)
E11a	24-2	1205	Wed	6433	469/31 Attention 19000 23919 49518 ... 41924 90943 68096 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	24-2	1625	Wed	5082	974/34 Attention 43166 63273 84923 ... 00138 61257 19315 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	24-2	1705	Wed	4505	396/31 Attention 37141 76618 74314 ... 34150 44208 77804 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
E11a	25-2	0645	Thu	7840	514/30 Attention 89692 25950 74302 ... 87072 43091 47008 Attention (message repeated) Out	USB	(AB)
E11a	25-2	0820	Thu	5149	432/37 Attention 85350 55548 53502 ... 16952 81728 62719 Attention (message repeated) Out	USB	(AB)
E11a	25-2	0845	Thu	12089	152/22 Attention 86784 05795 32136 ... 21117 64457 51740 Attention (message repeated) Out	USB	(AB)
E11a	25-2	0930	Thu	7469	273/34 Attention 34291 40013 13125 ... 14943 04811 74940 Attention (message repeated) Out	USB	(AB)
E11a	26-2	0715	Fri	9130	630/33 Attention 51963 13149 66734 ... 41249 64257 44409 Attention (message repeated) Out	USB	(AB)
E11a	26-2	0820	Fri	5149	432/37 Attention 85350 55548 53502 ... 16952 81728 62719 Attention (message repeated) Out	USB	(AB)
E11a	26-2	0830	Fri	12424	183/36 Attention 68994 14012 80166 ... 19574 05250 91596 Attention (message repeated) Out	USB	(AB)
E11a	26-2	1530	Fri	5082	525/39 Attention 81530 22086 50282 ... 28791 92196 77920 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	27-2	0805	Sat	4909	312/39 Attention 16412 50884 81375 ... 83052 48612 21587 Attention (message repeated) Out	USB	(AB)
E11a	27-2	1345	Sat	13363	910/32 Attention 01674 19138 45017 ... 06414 22142 66436 Attention (message repeated) Out	USB	(AB)
E11a	27-2	1705	Sat	4505	396/31 Attention 37141 76618 74314 ... 34150 44208 77804 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	27-2	1930	Sat	4909	360/36 Attention 54666 80495 93918 ... 84536 43600 34922 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	28-2	0805	Sun	4909	312/39 Attention 16412 50884 81375 ... 83052 48612 21587 Attention (message repeated) Out	USB	(AB)
E11a	28-2	1625	Sun	5082	974/34 Attention 43166 63273 84923 ... 00138 61257 19315 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	28-2	1930	Sun	4909	360/36 Attention 54666 80495 93918 ... 84536 43600 34922 Attention (message repeated) Out	USB	(AB/MPJ)
E17z	4-2	0800	Thu	11170	217 459 6 13621 62881 99183 60196 68094 21016 459 6 00000	USB	(AB)
E17z	4-2	0810	Thu	9820	217 459 6 13621 62881 99183 60196 68094 21016 459 6 00000	USB	(AB)
E17z	11-2	0800	Thu	11170	217 459 6 13621 62881 99183 60196 68094 21016 459 6 00000	USB	(AB)
E17z	11-2	0810	Thu	9820	217 459 6 13621 62881 99183 60196 68094 21016 459 6 00000	USB	(AB)
E17z	18-2	0800	Thu	11170	217 984 5 88569 89617 25757 77159 95225 984 5 00000	USB	(AB)
E17z	18-2	0810	Thu	9820	217 984 5 88569 89617 25757 77159 95225 984 5 00000	USB	(AB)
E17z	25-2	0800	Thu	11170	217 984 5 88569 89617 25757 77159 95225 984 5 00000	USB	(AB)
E17z	25-2	0810	Thu	9820	217 984 5 88569 89617 25757 77159 95225 984 5 00000	USB	(AB)
EGY	1-2	1414	Mon	15990	99910: MFA Cairo wkg 66601: Egyptian embassy Washington	CODAN	(RR)
EGY	1-2	1420	Mon	16008	99910: MFA Cairo wkg 66601: Egyptian embassy New Delhi	CODAN	(RR)
EGY	2-2	1045	Tue	16133	99903: MFA Cairo wkg 33312: Egyptian embassy Harare	CODAN	(RR)

EGY	5-2	1113	Fri	16066	99901: MFA Cairo wkg 44405: Egyptian embassy Islamabad	CODAN	(RR)
EGY	5-2	1139	Fri	16022	99901: MFA Cairo wkg 44406: Egyptian embassy New Delhi	CODAN	(RR)
EGY	5-2	1405	Fri	16010	99901: MFA Cairo wkg 66601: Egyptian embassy Washington	CODAN	(RR)
EGY	19-2	1509	Fri	11333	Egyptian diplo i.p.	SITOR-A 100/170/CO-DAN	(AB)
EGY	22-2	0806	Mon	14445.7	Egyptian diplo station FMFMFMFMFMFM CRFKG CRFKG HOKDS JG KDCFUSG ODS 52221 52221 52221 52221 52221 52221 KY KY	SITOR-B 100/170	(AB)
EGY	22-2	0806	Mon	14445.7	Egyptian diplo station clg TVQX: Egyptian embassy Tehran	SITOR-A 100/170	(AB)
EGY	22-2	0815	Mon	14445.7	Egyptian diplo station clg OOV: Egyptian embassy Islamabad	SITOR-A 100/170	(AB)
EGY	22-2	0900	Mon	12225	99903: MFA Cairo clg 11102: Egyptian embassy Paris. CODAN traffic	CODAN Chirp	(AB)
EGY	22-2	0910	Mon	12226.7	MFA Cairo clg QUQP: unid embassy	SITOR-A 100/170	(AB)
EGY	28-2	0826	Sun	10334.7	MFA Cairo clg XBVK: Egyptian embassy Bern	SITOR-A 100/170	(AB)
F01	1-2	1015	Mon	12184	Russian diplo/intel. 58917 48462 79611 ... 32950 73421 63423 00000	FSK 200/500	(AB-RUS/HFD)
F01	1-2	1025	Mon	10169	Russian diplo/intel. 58917 48462 79611 ... 32950 73421 63423 00000	FSK 200/500	(AB-RUS/HFD)
F01	1-2	1035	Mon	8079	Russian diplo/intel. 58917 48462 79611 ... 32950 73421 63423 00000	FSK 200/500	(AB-RUS/HFD)
F01	2-2	1015	Tue	12184	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	2-2	1025	Tue	10169	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	2-2	1035	Tue	8079	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	3-2	1015	Wed	12184	Russian diplo/intel. 70994 67006 83187 ... 28788 57799 66431 00000	FSK 200/500	(AB)
F01	3-2	1025	Wed	10169	Russian diplo/intel. 70994 67006 83187 ... 28788 57799 66431 00000	FSK 200/500	(AB)
F01	3-2	1035	Wed	8079	Russian diplo/intel. 70994 67006 83187 ... 28788 57799 66431 00000	FSK 200/500	(AB-RUS)
F01	3-2	1940	Wed	8155	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB/HFD)
F01	3-2	1950	Wed	6844	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB/HFD))
F01	3-2	2000	Wed	4527	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB/HFD)
F01	4-2	1015	Thu	12184	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	4-2	1025	Thu	10169	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	4-2	1035	Thu	8079	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	5-2	1015	Fri	12184	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	5-2	1025	Fri	10169	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	5-2	1035	Fri	8079	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	8-2	1015	Mon	12184	Russian diplo/intel. 99711 18462 14650 ... 42514 53542 69413 00000	FSK 200/500	(AB)
F01	8-2	1025	Mon	10169	Russian diplo/intel. 99711 18462 14650 ... 42514 53542 69413 00000	FSK 200/500	(AB)
F01	8-2	1035	Mon	8079	Russian diplo/intel. 99711 18462 14650 ... 42514 53542 69413 00000	FSK 200/500	(AB-RUS)
F01	9-2	1015	Tue	12184	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9-2	1025	Tue	10169	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9-2	1035	Tue	8079	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10-2	1015	Wed	12184	Russian diplo/intel. 03512 14306 03022 ... 74811 69158 72431 00000	FSK 200/500	(AB)
F01	10-2	1025	Wed	10169	Russian diplo/intel. 03512 14306 03022 ... 74811 69158 72431 00000	FSK 200/500	(AB)
F01	10-2	1035	Wed	8079	Russian diplo/intel. 03512 14306 03022 ... 74811 69158 72431 00000	FSK 200/500	(AB-RUS)
F01	11-2	1015	Thu	12184	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11-2	1025	Thu	10169	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11-2	1035	Thu	8079	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12-2	1015	Fri	12184	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	12-2	1025	Fri	10169	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	12-2	1035	Fri	8079	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	15-2	1015	Mon	12184	Russian diplo/intel. 59916 93010 75398 ... 87263 18982 75425 00000	FSK 200/500	(AB)
F01	15-2	1025	Mon	10169	Russian diplo/intel. 59916 93010 75398 ... 87263 18982 75425 00000	FSK 200/500	(AB)

F01	15-2	1035	Mon	8079	Russian diplo/intel. 59916 93010 75398 ... 87263 18982 75425 00000	FSK 200/500	(AB-RUS)
F01	16-2	1015	Tue	12184	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	16-2	1025	Tue	10169	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	16-2	1035	Tue	8079	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	17-2	1015	Wed	12184	Russian diplo/intel. 11172 90859 28771 ... 76579 52280 78443 00000	FSK 200/500	(AB)
F01	17-2	1025	Wed	10169	Russian diplo/intel. 11172 90859 28771 ... 76579 52280 78443 00000	FSK 200/500	(AB)
F01	17-2	1035	Wed	8079	Russian diplo/intel. 11172 90859 28771 ... 76579 52280 78443 00000	FSK 200/500	(AB)
F01	18-2	1015	Thu	12184	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	18-2	1025	Thu	10169	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	18-2	1035	Thu	8079	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	19-2	1015	Fri	12184	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB/RL)
F01	19-2	1025	Fri	10169	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	19-2	1035	Fri	8079	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	22-2	1015	Mon	12184	Russian diplo/intel. 39849 26657 43470 ... 19394 70576 81433 00000	FSK 200/500	(AB)
F01	22-2	1025	Mon	10169	Russian diplo/intel. 39849 26657 43470 ... 19394 70576 81433 00000	FSK 200/500	(AB)
F01	22-2	1035	Mon	8079	Russian diplo/intel. 39849 26657 43470 ... 19394 70576 81433 00000	FSK 200/500	(AB-RUS)
F01	23-2	1015	Tue	12184	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	23-2	1025	Tue	10169	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	23-2	1035	Tue	8079	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	24-2	1015	Wed	12184	Russian diplo/intel. 29663 52639 59305 ... 31046 61064 84431 00000	FSK 200/500	(AB)
F01	24-2	1025	Wed	10169	Russian diplo/intel. 29663 52639 59305 ... 31046 61064 84431 00000	FSK 200/500	(AB)
F01	24-2	1035	Wed	8079	Russian diplo/intel. 29663 52639 59305 ... 31046 61064 84431 00000	FSK 200/500	(AB)
F01	25-2	1015	Thu	12184	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	25-2	1025	Thu	10169	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	25-2	1035	Thu	8079	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	26-2	1015	Fri	12184	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	26-2	1025	Fri	10169	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F01	26-2	1035	Fri	8079	Russian diplo/intel. Null message: 5761 00000	FSK 200/500	(AB)
F03f	1-2	0735	Mon	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	1-2	0740	Mon	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	4-2	0735	Thu	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	4-2	0740	Thu	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	8-2	0735	Mon	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	8-2	0740	Mon	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	11-2	0735	Thu	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	11-2	0740	Thu	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	15-2	0735	Mon	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	15-2	0740	Mon	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	18-2	0735	Thu	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	18-2	0740	Thu	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	22-2	0735	Mon	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	22-2	0740	Mon	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	25-2	0735	Thu	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03f	25-2	0740	Thu	8800	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
F03j	1-2	1030	Mon	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-2	1035	Mon	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-2	0915	Wed	5946	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	3-2	0920	Wed	5946	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-2	1030	Wed	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-2	1035	Wed	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-2	1030	Mon	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-2	1035	Mon	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-2	0915	Wed	5946	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-2	0920	Wed	5946	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-2	1030	Wed	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-2	1035	Wed	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-2	1030	Mon	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-2	1035	Mon	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-2	0915	Wed	5946	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-2	0920	Wed	5946	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-2	1030	Wed	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-2	1035	Wed	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-2	1030	Mon	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-2	1035	Mon	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-2	0915	Wed	5946	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-2	0920	Wed	5946	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-2	1030	Wed	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-2	1035	Wed	7837	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03l	1-2	0630	Mon	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	1-2	0635	Mon	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	1-2	0950	Mon	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	1-2	0955	Mon	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	2-2	0615	Tue	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	2-2	0620	Tue	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	2-2	0835	Tue	14415	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	2-2	0840	Tue	14415	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	3-2	0950	Wed	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	3-2	0955	Wed	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8-2	0630	Mon	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8-2	0635	Mon	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8-2	0950	Mon	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8-2	0955	Mon	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	9-2	0835	Tue	14415	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	9-2	0840	Tue	14415	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	10-2	0430	Wed	5737	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	10-2	0435	Wed	5737	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	10-2	0630	Wed	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	10-2	0635	Wed	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	10-2	0950	Wed	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	10-2	0955	Wed	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	11-2	0615	Thu	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	11-2	0620	Thu	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	15-2	0630	Mon	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	15-2	0635	Mon	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	15-2	0950	Mon	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-2	0955	Mon	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-2	0835	Tue	14415	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-2	0840	Tue	14415	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-2	0430	Wed	5737	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-2	0435	Wed	5737	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-2	0630	Wed	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-2	0635	Wed	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-2	0950	Wed	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-2	0955	Wed	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-2	0615	Thu	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-2	0620	Thu	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-2	0950	Mon	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-2	0955	Mon	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-2	0615	Tue	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-2	0620	Tue	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-2	0430	Wed	5737	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-2	0435	Wed	5737	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-2	0630	Wed	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-2	0635	Wed	13424	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-2	0950	Wed	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-2	0955	Wed	8180	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-2	0615	Thu	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-2	0620	Thu	4909	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F06	1-2	0500	Mon	6866	Russian diplo/intel. 11166 70059 15963 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-2	0510	Mon	5326	Russian diplo/intel. 11166 70059 15963 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-2	0520	Mon	4616	Russian diplo/intel. 11166 70059 15963 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-2	0700	Mon	13369	Russian diplo/intel. Header: 11166 70202 96358 29092 02619	FSK 200/1000	(AB-RUS)
F06	1-2	0710	Mon	11048	Russian diplo/intel. Header: 11166 70202 96358 29092 02619	FSK 200/1000	(AB)
F06	1-2	0720	Mon	9244	Russian diplo/intel. Header: 11166 70202 96358 29092 02619	FSK 200/1000	(AB)
F06	1-2	1200	Mon	13429	Russian diplo/intel. Header: 11166 70202 96358 29092 02619	FSK 200/1000	(AB/MPJ)
F06	1-2	1210	Mon	11164	Russian diplo/intel. Header: 11166 70202 96358 29092 02619	FSK 200/1000	(AB/MPJ)
F06	1-2	1220	Mon	9164	Russian diplo/intel. Header: 11166 70202 96358 29092 02619	FSK 200/1000	(AB/MPJ)
F06	2-2	0700	Tue	13369	Russian diplo/intel. Headers: 11166 70202 86514 01093 01779 and 11166 70202 86321 01094 02279	FSK 200/1000	(AB-RUS)
F06	2-2	0710	Tue	11048	Russian diplo/intel. Headers: 11166 70202 86514 01093 01779 and 11166 70202 86321 01094 02279	FSK 200/1000	(AB)
F06	2-2	0720	Tue	9244	Russian diplo/intel. Headers: 11166 70202 86514 01093 01779 and 11166 70202 86321 01094 02279	FSK 200/1000	(AB)
F06	2-2	1200	Tue	13429	Russian diplo/intel. Headers: 11166 70202 86514 01093 01779 and 11166 70202 86321 01094 02279	FSK 200/1000	(AB)
F06	2-2	1210	Tue	11164	Russian diplo/intel. Headers: 11166 70202 86514 01093 01779 and 11166 70202 86321 01094 02279	FSK 200/1000	(AB)
F06	2-2	1220	Tue	9164	Russian diplo/intel. Headers: 11166 70202 86514 01093 01779 and 11166 70202 86321 01094 02279	FSK 200/1000	(AB)
F06	2-2	1650	Tue	13374	Russian diplo/intel. 11166 10053 14789 02073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	2-2	1700	Tue	11165	Russian diplo/intel. 11166 10053 14789 02073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	2-2	1710	Tue	9219	Russian diplo/intel. 11166 10053 14789 02073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	3-2	0600	Wed	20072	Russian diplo/intel. Header: 11166 40122 73614 30032 04719	FSK 200/1000	(AB-TWN)
F06	3-2	0610	Wed	18291	Russian diplo/intel. Header: 11166 40122 73614 30032 04719	FSK 200/1000	(AB-J)
F06	3-2	0620	Wed	16071	Russian diplo/intel. Header: 11166 40122 73614 30032 04719	FSK 200/1000	(AB-J)
F06	3-2	0700	Wed	13369	Russian diplo/intel. Header: 11166 70202 63587 02095 02399	FSK 200/1000	(AB)
F06	3-2	0710	Wed	11048	Russian diplo/intel. Header: 11166 70202 63587 02095 02399	FSK 200/1000	(AB)

F06	3-2	0720	Wed	9244	Russian diplo/intel. Header: 11166 70202 63587 02095 02399	FSK 200/1000	(AB)
F06	3-2	1200	Wed	13429	Russian diplo/intel. Header: 11166 70202 63587 02095 02399	FSK 200/1000	(AB/MPJ)
F06	3-2	1210	Wed	11164	Russian diplo/intel. Header: 11166 70202 63587 02095 02399	FSK 200/1000	(AB/MPJ)
F06	3-2	1220	Wed	9164	Russian diplo/intel. Header: 11166 70202 63587 02095 02399	FSK 200/1000	(AB/MPJ)
F06	4-2	0600	Thu	20072	Russian diplo/intel. Header: 11166 40122 73614 30032 04719	FSK 200/1000	(AB-J)
F06	4-2	0610	Thu	18291	Russian diplo/intel. Header: 11166 40122 73614 30032 04719	FSK 200/1000	(AB-J)
F06	4-2	0620	Thu	16071	Russian diplo/intel. Header: 11166 40122 73614 30032 04719	FSK 200/1000	(AB-J)
F06	4-2	0700	Thu	13369	Russian diplo/intel. Headers: 11166 70202 16547 03096 01759 and 11166 70202 61289 03097 02259	FSK 200/1000	(AB)
F06	4-2	0710	Thu	11048	Russian diplo/intel. Headers: 11166 70202 16547 03096 01759 and 11166 70202 61289 03097 02259	FSK 200/1000	(AB)
F06	4-2	0720	Thu	9244	Russian diplo/intel. Headers: 11166 70202 16547 03096 01759 and 11166 70202 61289 03097 02259	FSK 200/1000	(AB)
F06	4-2	1200	Thu	13429	Russian diplo/intel. Headers: 11166 70202 16547 03096 01759 and 11166 70202 61289 03097 02259	FSK 200/1000	(AB/MPJ)
F06	4-2	1210	Thu	11164	Russian diplo/intel. Headers: 11166 70202 16547 03096 01759 and 11166 70202 61289 03097 02259	FSK 200/1000	(AB/MPJ)
F06	4-2	1220	Thu	9164	Russian diplo/intel. Headers: 11166 70202 16547 03096 01759 and 11166 70202 61289 03097 02259	FSK 200/1000	(AB/MPJ)
F06	4-2	1330	Thu	14983	Russian diplo/intel. 11166 80214 52843 04023 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	4-2	1340	Thu	12196	Russian diplo/intel. 11166 80214 52843 04023 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	4-2	1350	Thu	9917	Russian diplo/intel. 11166 80214 52843 04023 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	5-2	0700	Fri	13369	Russian diplo/intel. 11166 70202 14738 05023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-2	0710	Fri	11048	Russian diplo/intel. 11166 70202 14738 05023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-2	0720	Fri	9244	Russian diplo/intel. 11166 70202 14738 05023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-2	1530	Sun	13464	Russian diplo/intel. 11166 10053 14765 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-2	1540	Sun	11548	Russian diplo/intel. 11166 10053 14765 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-2	1550	Sun	9323	Russian diplo/intel. 11166 10053 14765 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-2	0700	Mon	13369	Russian diplo/intel. Header: 11166 70202 16974 05098 02259	FSK 200/1000	(AB)
F06	8-2	0710	Mon	11048	Russian diplo/intel. Header: 11166 70202 16974 05098 02259	FSK 200/1000	(AB)
F06	8-2	0720	Mon	9244	Russian diplo/intel. Header: 11166 70202 16974 05098 02259	FSK 200/1000	(AB)
F06	8-2	1200	Mon	13429	Russian diplo/intel. Header: 11166 70202 16974 05098 02259	FSK 200/1000	(AB/RL)
F06	8-2	1210	Mon	11164	Russian diplo/intel. Header: 11166 70202 16974 05098 02259	FSK 200/1000	(AB)
F06	8-2	1220	Mon	9164	Russian diplo/intel. Header: 11166 70202 16974 05098 02259	FSK 200/1000	(AB)
F06	9-2	0030	Tue	9191	Russian diplo/intel. 11166 60070 35712 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-2	0040	Tue	8057	Russian diplo/intel. 11166 60070 35712 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-2	0050	Tue	7367	Russian diplo/intel. 11166 60070 35712 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-2	0700	Tue	13369	Russian diplo/intel. Headers: 11166 70202 96357 08099 01859 and 11166 70202 74169 08001 02099	FSK 200/1000	(AB)
F06	9-2	0710	Tue	11048	Russian diplo/intel. Headers: 11166 70202 96357 08099 01859 and 11166 70202 74169 08001 02099	FSK 200/1000	(AB)
F06	9-2	0720	Tue	9244	Russian diplo/intel. Headers: 11166 70202 96357 08099 01859 and 11166 70202 74169 08001 02099	FSK 200/1000	(AB)
F06	9-2	1200	Tue	13429	Russian diplo/intel. Headers: 11166 70202 96357 08099 01859 and 11166 70202 74169 08001 02099	FSK 200/1000	(AB)
F06	9-2	1210	Tue	11164	Russian diplo/intel. Headers: 11166 70202 96357 08099 01859 and 11166 70202 74169 08001 02099	FSK 200/1000	(AB)
F06	9-2	1220	Tue	9164	Russian diplo/intel. Headers: 11166 70202 96357 08099 01859 and 11166 70202 74169 08001 02099	FSK 200/1000	(AB)
F06	9-2	1650	Tue	13374	Russian diplo/intel. 11166 10053 78541 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	9-2	1700	Tue	11165	Russian diplo/intel. 11166 10053 78541 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	9-2	1710	Tue	9219	Russian diplo/intel. 11166 10053 78541 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	10-2	0600	Wed	20072	Russian diplo/intel. Headers: 11166 40122 56421 06033 02879 and 11166 40122 63542 06034 02629	FSK 200/1000	(AB-TWN)
F06	10-2	0610	Wed	18291	Russian diplo/intel. Headers: 11166 40122 56421 06033 02879 and 11166 40122 63542 06034 02629	FSK 200/1000	(AB-TWN)
F06	10-2	0620	Wed	16071	Russian diplo/intel. Headers: 11166 40122 56421 06033 02879 and 11166 40122 63542 06034 02629	FSK 200/1000	(AB-TWN)
F06	10-2	0700	Wed	13369	Russian diplo/intel. Header: 11166 70202 26487 09002 02539	FSK 200/1000	(AB)
F06	10-2	0710	Wed	11048	Russian diplo/intel. Header: 11166 70202 26487 09002 02539	FSK 200/1000	(AB)
F06	10-2	0720	Wed	9244	Russian diplo/intel. Header: 11166 70202 26487 09002 02539	FSK 200/1000	(AB)
F06	10-2	0900	Wed	20868	Russian diplo/intel. Header: 11166 00052 14789 10078 02559	FSK 200/1000	(AB-RUS)

F06	10-2	0910	Wed	18691	Russian diplo/intel. Header: 11166 00052 14789 10078 02559	FSK 200/1000	(AB-RUS)
F06	10-2	0920	Wed	16253	Russian diplo/intel. Header: 11166 00052 14789 10078 02559	FSK 200/1000	(AB)
F06	10-2	1200	Wed	13429	Russian diplo/intel. Header: 11166 70202 26487 09002 02539	FSK 200/1000	(AB/MPJ/RL)
F06	10-2	1210	Wed	11164	Russian diplo/intel. Header: 11166 70202 26487 09002 02539	FSK 200/1000	(AB/MPJ)
F06	10-2	1220	Wed	9164	Russian diplo/intel. Header: 11166 70202 26487 09002 02539	FSK 200/1000	(AB/MPJ)
F06	11-2	0600	Thu	20072	Russian diplo/intel. Headers: 11166 40122 56421 06033 02879 and 11166 40122 63542 06034 02629	FSK 200/1000	(AB-TWN)
F06	11-2	0610	Thu	18291	Russian diplo/intel. Headers: 11166 40122 56421 06033 02879 and 11166 40122 63542 06034 02629	FSK 200/1000	(AB-TWN)
F06	11-2	0620	Thu	16071	Russian diplo/intel. Headers: 11166 40122 56421 06033 02879 and 11166 40122 63542 06034 02629	FSK 200/1000	(AB-TWN)
F06	11-2	0700	Thu	13369	Russian diplo/intel. Headers: 11166 70202 52497 10003 01039 and 11166 70202 31267 10004 02039	FSK 200/1000	(AB)
F06	11-2	0710	Thu	11048	Russian diplo/intel. Headers: 11166 70202 52497 10003 01039 and 11166 70202 31267 10004 02039	FSK 200/1000	(AB)
F06	11-2	0720	Thu	9244	Russian diplo/intel. Headers: 11166 70202 52497 10003 01039 and 11166 70202 31267 10004 02039	FSK 200/1000	(AB)
F06	11-2	0900	Thu	20868	Russian diplo/intel. Header: 11166 00052 14789 10078 02559	FSK 200/1000	(AB-RUS)
F06	11-2	0910	Thu	18691	Russian diplo/intel. Header: 11166 00052 14789 10078 02559	FSK 200/1000	(AB-RUS)
F06	11-2	0920	Thu	16253	Russian diplo/intel. Header: 11166 00052 14789 10078 02559	FSK 200/1000	(AB)
F06	11-2	1200	Thu	13429	Russian diplo/intel. Headers: 11166 70202 52497 10003 01039 and 11166 70202 31267 10004 02039	FSK 200/1000	(AB)
F06	11-2	1210	Thu	11164	Russian diplo/intel. Headers: 11166 70202 52497 10003 01039 and 11166 70202 31267 10004 02039	FSK 200/1000	(AB/RL)
F06	11-2	1220	Thu	9164	Russian diplo/intel. Headers: 11166 70202 52497 10003 01039 and 11166 70202 31267 10004 02039	FSK 200/1000	(AB)
F06	11-2	1330	Thu	14983	Russian diplo/intel. 11166 80214 19457 11049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-2	1340	Thu	12196	Russian diplo/intel. 11166 80214 19457 11049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-2	1350	Thu	9917	Russian diplo/intel. 11166 80214 19457 11049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-2	0700	Fri	13369	Russian diplo/intel. 11166 70202 45395 12092 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-2	0710	Fri	11048	Russian diplo/intel. 11166 70202 45395 12092 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-2	0720	Fri	9244	Russian diplo/intel. 11166 70202 45395 12092 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-2	1530	Sun	13464	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14-2	1540	Sun	11548	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14-2	1550	Sun	9323	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15-2	0500	Mon	6866	Russian diplo/intel. 11166 70059 14789 15021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-2	0510	Mon	5326	Russian diplo/intel. 11166 70059 14789 15021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-2	0520	Mon	4616	Russian diplo/intel. 11166 70059 14789 15021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-2	0700	Mon	13369	Russian diplo/intel. Header: 11166 70202 45189 12005 02699	FSK 200/1000	(AB)
F06	15-2	0710	Mon	11048	Russian diplo/intel. Header: 11166 70202 45189 12005 02699	FSK 200/1000	(AB)
F06	15-2	0720	Mon	9244	Russian diplo/intel. Header: 11166 70202 45189 12005 02699	FSK 200/1000	(AB)
F06	15-2	1200	Mon	13429	Russian diplo/intel. Header: 11166 70202 45189 12005 02699	FSK 200/1000	(AB/MPJ)
F06	15-2	1210	Mon	11164	Russian diplo/intel. Header: 11166 70202 45189 12005 02699	FSK 200/1000	(AB/MPJ)
F06	15-2	1220	Mon	9164	Russian diplo/intel. Header: 11166 70202 45189 12005 02699	FSK 200/1000	(AB/MPJ)
F06	16-2	0030	Tue	9191	Russian diplo/intel. 11166 60070 14725 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-2	0040	Tue	8057	Russian diplo/intel. 11166 60070 14725 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-2	0050	Tue	7367	Russian diplo/intel. 11166 60070 14725 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-2	0700	Tue	13369	Russian diplo/intel. Headers: 11166 70202 95147 15006 02139 and 11166 70202 28547 15007 01779	FSK 200/1000	(AB)
F06	16-2	0710	Tue	11048	Russian diplo/intel. Headers: 11166 70202 95147 15006 02139 and 11166 70202 28547 15007 01779	FSK 200/1000	(AB)
F06	16-2	0720	Tue	9244	Russian diplo/intel. Headers: 11166 70202 95147 15006 02139 and 11166 70202 28547 15007 01779	FSK 200/1000	(AB)
F06	16-2	1200	Tue	13429	Russian diplo/intel. Headers: 11166 70202 95147 15006 02139 and 11166 70202 28547 15007 01779	FSK 200/1000	(AB)
F06	16-2	1210	Tue	11164	Russian diplo/intel. Headers: 11166 70202 95147 15006 02139 and 11166 70202 28547 15007 01779	FSK 200/1000	(AB)
F06	16-2	1220	Tue	9164	Russian diplo/intel. Headers: 11166 70202 95147 15006 02139 and 11166 70202 28547 15007 01779	FSK 200/1000	(AB)
F06	16-2	1650	Tue	13374	Russian diplo/intel. 11166 10053 15936 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	16-2	1700	Tue	11165	Russian diplo/intel. 11166 10053 15936 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	16-2	1710	Tue	9219	Russian diplo/intel. 11166 10053 15936 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)

F06	17-2	0600	Wed	20072	Russian diplo/intel. 11166 40122 12569 17069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-TWN)
F06	17-2	0610	Wed	18291	Russian diplo/intel. 11166 40122 12569 17069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-TWN)
F06	17-2	0620	Wed	16071	Russian diplo/intel. 11166 40122 12569 17069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-TWN)
F06	17-2	0700	Wed	13369	Russian diplo/intel. Header: 11166 70202 85269 16008 02359	FSK 200/1000	(AB)
F06	17-2	0710	Wed	11048	Russian diplo/intel. Header: 11166 70202 85269 16008 02359	FSK 200/1000	(AB)
F06	17-2	0720	Wed	9244	Russian diplo/intel. Header: 11166 70202 85269 16008 02359	FSK 200/1000	(AB/RR)
F06	17-2	1200	Wed	13429	Russian diplo/intel. Header: 11166 70202 85269 16008 02359	FSK 200/1000	(AB/MPJ)
F06	17-2	1210	Wed	11164	Russian diplo/intel. Header: 11166 70202 85269 16008 02359	FSK 200/1000	(AB/MPJ)
F06	17-2	1220	Wed	9164	Russian diplo/intel. Header: 11166 70202 85269 16008 02359	FSK 200/1000	(AB/MPJ)
F06	18-2	0700	Thu	13369	Russian diplo/intel. Headers: 11166 70202 15634 17009 01899 and 11166 70202 24687 17010 02219	FSK 200/1000	(AB)
F06	18-2	0710	Thu	11048	Russian diplo/intel. Headers: 11166 70202 15634 17009 01899 and 11166 70202 24687 17010 02219	FSK 200/1000	(AB)
F06	18-2	0720	Thu	9244	Russian diplo/intel. Headers: 11166 70202 15634 17009 01899 and 11166 70202 24687 17010 02219	FSK 200/1000	(AB)
F06	18-2	1200	Thu	13429	Russian diplo/intel. Headers: 11166 70202 15634 17009 01899 and 11166 70202 24687 17010 02219	FSK 200/1000	(AB/MPJ)
F06	18-2	1210	Thu	11164	Russian diplo/intel. Headers: 11166 70202 15634 17009 01899 and 11166 70202 24687 17010 02219	FSK 200/1000	(AB/MPJ)
F06	18-2	1220	Thu	9164	Russian diplo/intel. Headers: 11166 70202 15634 17009 01899 and 11166 70202 24687 17010 02219	FSK 200/1000	(AB/MPJ)
F06	18-2	1330	Thu	14983	Russian diplo/intel. 11166 80214 26485 18007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18-2	1340	Thu	12196	Russian diplo/intel. 11166 80214 26485 18007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18-2	1350	Thu	9917	Russian diplo/intel. 11166 80214 26485 18007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	19-2	0700	Fri	13369	Russian diplo/intel. 11166 70202 15978 19091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-2	0710	Fri	11048	Russian diplo/intel. 11166 70202 15978 19091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-2	0720	Fri	9244	Russian diplo/intel. 11166 70202 15978 19091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-2	1530	Sun	13464	Russian diplo/intel. 11166 10053 14789 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	21-2	1540	Sun	11548	Russian diplo/intel. 11166 10053 14789 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	21-2	1550	Sun	9323	Russian diplo/intel. 11166 10053 14789 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	22-2	0700	Mon	13369	Russian diplo/intel. Header: 11166 70202 97845 20011 02559	FSK 200/1000	(AB)
F06	22-2	0710	Mon	11048	Russian diplo/intel. Header: 11166 70202 97845 20011 02559	FSK 200/1000	(AB)
F06	22-2	0720	Mon	9244	Russian diplo/intel. Header: 11166 70202 97845 20011 02559	FSK 200/1000	(AB)
F06	22-2	1200	Mon	13429	Russian diplo/intel. Header: 11166 70202 97845 20011 02559	FSK 200/1000	(AB)
F06	22-2	1210	Mon	11164	Russian diplo/intel. Header: 11166 70202 97845 20011 02559	FSK 200/1000	(AB)
F06	22-2	1220	Mon	9164	Russian diplo/intel. Header: 11166 70202 97845 20011 02559	FSK 200/1000	(AB)
F06	23-2	0700	Tue	13369	Russian diplo/intel. Headers: 11166 70202 92487 22012 01879 and 11166 70202 62845 22013 02179	FSK 200/1000	(AB)
F06	23-2	0710	Tue	11048	Russian diplo/intel. Headers: 11166 70202 92487 22012 01879 and 11166 70202 62845 22013 02179	FSK 200/1000	(AB)
F06	23-2	0720	Tue	9244	Russian diplo/intel. Headers: 11166 70202 92487 22012 01879 and 11166 70202 62845 22013 02179	FSK 200/1000	(AB)
F06	23-2	1200	Tue	13429	Russian diplo/intel. Headers: 11166 70202 92487 22012 01879 and 11166 70202 62845 22013 02179	FSK 200/1000	(AB-RUS/MPJ)
F06	23-2	1210	Tue	11164	Russian diplo/intel. Headers: 11166 70202 92487 22012 01879 and 11166 70202 62845 22013 02179	FSK 200/1000	(AB/MPJ)
F06	23-2	1220	Tue	9164	Russian diplo/intel. Headers: 11166 70202 92487 22012 01879 and 11166 70202 62845 22013 02179	FSK 200/1000	(AB/MPJ)
F06	23-2	1650	Tue	13374	Russian diplo/intel. 11166 10053 15973 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	23-2	1700	Tue	11165	Russian diplo/intel. 11166 10053 15973 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	23-2	1710	Tue	9219	Russian diplo/intel. 11166 10053 15973 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	24-2	0600	Wed	20072	Russian diplo/intel. Header: 11166 40122 45873 20035 03189	FSK 200/1000	(AB-J)
F06	24-2	0610	Wed	18291	Russian diplo/intel. Header: 11166 40122 45873 20035 03189	FSK 200/1000	(AB-J)
F06	24-2	0620	Wed	16071	Russian diplo/intel. Header: 11166 40122 45873 20035 03189	FSK 200/1000	(AB-J)
F06	24-2	0700	Wed	13369	Russian diplo/intel. Header: 11166 70202 65874 20014 02299	FSK 200/1000	(AB)
F06	24-2	0710	Wed	11048	Russian diplo/intel. Header: 11166 70202 65874 20014 02299	FSK 200/1000	(AB)
F06	24-2	0720	Wed	9244	Russian diplo/intel. Header: 11166 70202 65874 20014 02299	FSK 200/1000	(AB)
F06	24-2	0900	Wed	20868	Russian diplo/intel. Header: 11166 00052 62314 24079 02449	FSK 200/1000	(AB-RUS)
F06	24-2	0910	Wed	18691	Russian diplo/intel. Header: 11166 00052 62314 24079 02449	FSK 200/1000	(AB-RUS)

F06	24-2	0920	Wed	16253	Russian diplo/intel. Header: 11166 00052 62314 24079 02449	FSK 200/1000	(AB)
F06	24-2	1200	Wed	13429	Russian diplo/intel. Header: 11166 70202 65874 20014 02299	FSK 200/1000	(AB)
F06	24-2	1210	Wed	11164	Russian diplo/intel. Header: 11166 70202 65874 20014 02299	FSK 200/1000	(AB)
F06	24-2	1220	Wed	9164	Russian diplo/intel. Header: 11166 70202 65874 20014 02299	FSK 200/1000	(AB)
F06	25-2	0600	Thu	20072	Russian diplo/intel. Header: 11166 40122 45873 20035 03189	FSK 200/1000	(AB-J)
F06	25-2	0610	Thu	18291	Russian diplo/intel. Header: 11166 40122 45873 20035 03189	FSK 200/1000	(AB-J)
F06	25-2	0620	Thu	16071	Russian diplo/intel. Header: 11166 40122 45873 20035 03189	FSK 200/1000	(AB-J)
F06	25-2	0700	Thu	13369	Russian diplo/intel. Headers: 11166 70202 84269 21015 02559 and 11166 70202 52916 21016 01799	FSK 200/1000	(AB)
F06	25-2	0710	Thu	11048	Russian diplo/intel. Headers: 11166 70202 84269 21015 02559 and 11166 70202 52916 21016 01799	FSK 200/1000	(AB)
F06	25-2	0720	Thu	9244	Russian diplo/intel. Headers: 11166 70202 84269 21015 02559 and 11166 70202 52916 21016 01799	FSK 200/1000	(AB)
F06	25-2	0900	Thu	20868	Russian diplo/intel. Header: 11166 00052 62314 24079 02449	FSK 200/1000	(AB-RUS)
F06	25-2	0910	Thu	18691	Russian diplo/intel. Header: 11166 00052 62314 24079 02449	FSK 200/1000	(AB-RUS)
F06	25-2	0920	Thu	16253	Russian diplo/intel. Header: 11166 00052 62314 24079 02449	FSK 200/1000	(AB)
F06	25-2	1200	Thu	13429	Russian diplo/intel. Headers: 11166 70202 84269 21015 02559 and 11166 70202 52916 21016 01799	FSK 200/1000	(AB/MPJ)
F06	25-2	1210	Thu	11164	Russian diplo/intel. Headers: 11166 70202 84269 21015 02559 and 11166 70202 52916 21016 01799	FSK 200/1000	(AB/MPJ)
F06	25-2	1220	Thu	9164	Russian diplo/intel. Headers: 11166 70202 84269 21015 02559 and 11166 70202 52916 21016 01799	FSK 200/1000	(AB/MPJ)
F06	25-2	1330	Thu	14983	Russian diplo/intel. 11166 80214 17935 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-2	1340	Thu	12196	Russian diplo/intel. 11166 80214 17935 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-2	1350	Thu	9917	Russian diplo/intel. 11166 80214 17935 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-2	0700	Fri	13369	Russian diplo/intel. 11166 70202 85641 26064 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-2	0710	Fri	11048	Russian diplo/intel. 11166 70202 85641 26064 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-2	0720	Fri	9244	Russian diplo/intel. 11166 70202 85641 26064 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-2	1530	Sun	13464	Russian diplo/intel. 11166 10053 15936 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	28-2	1540	Sun	11548	Russian diplo/intel. 11166 10053 15936 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	28-2	1550	Sun	9323	Russian diplo/intel. 11166 10053 15936 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06a	4-2	0500	Thu	6909	Russian diplo/intel. File 04460 (464 bytes)	FSK 200/1000	(AB)
F06a	4-2	0515	Thu	5796	Russian diplo/intel. File 04460 (464 bytes)	FSK 200/1000	(AB)
F06a	4-2	0530	Thu	4839	Russian diplo/intel. File 04460 (464 bytes)	FSK 200/1000	(AB)
F06a	5-2	0500	Fri	6909	Russian diplo/intel. File 04460 (464 bytes)	FSK 200/1000	(AB)
F06a	5-2	0515	Fri	5796	Russian diplo/intel. File 04460 (464 bytes)	FSK 200/1000	(AB)
F06a	5-2	0530	Fri	4839	Russian diplo/intel. File 04460 (464 bytes)	FSK 200/1000	(AB)
F06a	6-2	1500	Sat	19325	Russian diplo/intel. File 04454 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	6-2	1515	Sat	17513	Russian diplo/intel. File 04454 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	6-2	1530	Sat	15766	Russian diplo/intel. File 04454 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	7-2	1500	Sun	19325	Russian diplo/intel. File 04454 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ-HNG)
F06a	7-2	1515	Sun	17513	Russian diplo/intel. File 04454 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ-HNG)
F06a	7-2	1530	Sun	15766	Russian diplo/intel. File 04454 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ-HNG)
F06a	11-2	0500	Thu	6909	Russian diplo/intel. File 04461 (1264 bytes)	FSK 200/1000	(AB)
F06a	11-2	0515	Thu	5796	Russian diplo/intel. File 04461 (1264 bytes)	FSK 200/1000	(AB)
F06a	11-2	0530	Thu	4839	Russian diplo/intel. File 04461 (1264 bytes)	FSK 200/1000	(AB)
F06a	12-2	0500	Fri	6909	Russian diplo/intel. File 04461 (1264 bytes)	FSK 200/1000	(AB)
F06a	12-2	0515	Fri	5796	Russian diplo/intel. File 04461 (1264 bytes)	FSK 200/1000	(AB)
F06a	12-2	0530	Fri	4839	Russian diplo/intel. File 04461 (1264 bytes)	FSK 200/1000	(AB)
F06a	13-2	1500	Sat	19325	Russian diplo/intel. File 04455 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	13-2	1515	Sat	17513	Russian diplo/intel. File 04455 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	13-2	1530	Sat	15766	Russian diplo/intel. File 04455 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	14-2	1500	Sun	19325	Russian diplo/intel. File 04455 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)

F06a	14-2	1515	Sun	17513	Russian diplo/intel. File 04455 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	14-2	1530	Sun	15766	Russian diplo/intel. File 04455 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18-2	0500	Thu	6909	Russian diplo/intel. File 04462 (976 bytes)	FSK 200/1000	(AB)
F06a	18-2	0515	Thu	5796	Russian diplo/intel. File 04462 (976 bytes)	FSK 200/1000	(AB)
F06a	18-2	0530	Thu	4839	Russian diplo/intel. File 04462 (976 bytes)	FSK 200/1000	(AB)
F06a	19-2	0500	Fri	6909	Russian diplo/intel. File 04462 (976 bytes)	FSK 200/1000	(AB)
F06a	19-2	0515	Fri	5796	Russian diplo/intel. File 04462 (976 bytes)	FSK 200/1000	(AB)
F06a	19-2	0530	Fri	4839	Russian diplo/intel. File 04462 (976 bytes)	FSK 200/1000	(AB)
F06a	20-2	1500	Sat	19325	Russian diplo/intel. File 04456 (992 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20-2	1515	Sat	17513	Russian diplo/intel. File 04456 (992 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20-2	1530	Sat	15766	Russian diplo/intel. File 04456 (992 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	21-2	1500	Sun	19325	Russian diplo/intel. File 04456 (992 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	21-2	1515	Sun	17513	Russian diplo/intel. File 04456 (992 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	21-2	1530	Sun	15766	Russian diplo/intel. File 04456 (992 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	25-2	0500	Thu	6909	Russian diplo/intel. File 04463 (1120 bytes)	FSK 200/1000	(AB)
F06a	25-2	0515	Thu	5796	Russian diplo/intel. File 04463 (1120 bytes)	FSK 200/1000	(AB)
F06a	25-2	0530	Thu	4839	Russian diplo/intel. File 04463 (1120 bytes)	FSK 200/1000	(AB)
F06a	26-2	0500	Fri	6909	Russian diplo/intel. File 04463 (1120 bytes)	FSK 200/1000	(AB)
F06a	26-2	0515	Fri	5796	Russian diplo/intel. File 04463 (1120 bytes)	FSK 200/1000	(AB)
F06a	26-2	0530	Fri	4839	Russian diplo/intel. File 04463 (1120 bytes)	FSK 200/1000	(AB)
F06a	27-2	1500	Sat	19325	Russian diplo/intel. File 04457 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	27-2	1515	Sat	17513	Russian diplo/intel. File 04457 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	27-2	1530	Sat	15766	Russian diplo/intel. File 04457 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	28-2	1500	Sun	19325	Russian diplo/intel. File 04457 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	28-2	1515	Sun	17513	Russian diplo/intel. File 04457 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	28-2	1530	Sun	15766	Russian diplo/intel. File 04457 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
G06	11-2	1830	Thu	4519	271 745 20 67722 90238 75610 ... 53175 37605 60769 745 20 00000	USB	(Danix)
G06	12-2	1930	Fri	4792	436 745 20 67722 90238 75610 ... 53175 37605 60769 745 20 00000	USB	(AB)
HM01	1-2	0658	Mon	9330	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(AB)
HM01	1-2	0758	Mon	9065	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(AB)
HM01	1-2	0858	Mon	9240	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(AB)
HM01	1-2	0958	Mon	9155	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(AB)
HM01	1-2	1600	Mon	11435	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(RR2)
HM01	1-2	1658	Mon	11530	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan) Distorted audio	AM/RDFT	(AB-USA)
HM01	2-2	1600	Tue	11435	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(RR2)
HM01	3-2	0658	Wed	9330	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(AB)
HM01	3-2	0757	Wed	9065	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(AB)
HM01	3-2	0857	Wed	9240	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(AB)
HM01	3-2	0957	Wed	9155	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(AB)
HM01	3-2	1600	Wed	11435	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(RR2)
HM01	4-2	1700	Thu	11530	30511 46021 32846 82632 50213 87277 (repeat of 30 Jan)	AM/RDFT	(RR2)
HM01	5-2	0758	Fri	9065	30516 46025 40303 82637 43211 07054 Files 63433051.TXT 50084602.F1C 60774030.TXT 53408263.TXT 22564321.TXT 82700705.TXT	AM/RDFT	(AB)
HM01	5-2	0858	Fri	9240	30516 46025 40303 82637 43211 07054	AM/RDFT	(AB)
HM01	5-2	0958	Fri	9155	30516 46025 40303 82637 43211 07054	AM/RDFT	(AB)
HM01	5-2	1600	Fri	11435	30517 46026 40304 13061 43211 07055	AM/RDFT	(RR2)

HM01	5-2	1600	Fri	11530	30517 46026 40304 13061 43211 07055 Files 63433051.TXT 50084602.F1C 60774030.TXT 50351306.TXT 22564321.TXT 82700705.TXT	AM/RDFT	(AB-DOM)
HM01	6-2	0958	Sat	12180	30517 46026 40304 13061 43211 07055 (repeat of 5 Feb)	AM/RDFT	(AB-USA)
HM01	6-2	1600	Sat	11435	30518 46027 40305 13061 43212 07056	AM/RDFT	(RR2)
HM01	6-2	1728	Sat	11530	30518 46027 40305 13061 43212 07056 Files 63433051.TXT 50084602.F1C 60774030.TXT 50351306.TXT 22564321.TXT 82700705.TXT	AM/RDFT	(AB-USA)
HM01	7-2	0658	Sun	9330	30518 46027 40305 13061 43212 07056 (repeat of 6 Feb)	AM/RDFT	(AB)
HM01	7-2	0758	Sun	9065	30518 46027 40305 13061 43212 07056 (repeat of 6 Feb)	AM/RDFT	(AB)
HM01	7-2	1600	Sun	11435	61681 46028 40306 13062 43213 07057	AM/RDFT	(RR2)
HM01	7-2	1828	Sun	11635	61681 46028 40306 13062 43213 07057 Files 61336168.TXT 50084602.F1C 60774030.TXT 50351306.TXT 22564321.TXT 82700705.TXT	AM/RDFT	(AB-DOM)
HM01	7-2	2128	Sun	11635	61681 46028 40306 13062 43213 07057	AM/RDFT	(AB-DOM)
HM01	8-2	0758	Mon	9065	61681 46028 40306 13062 43213 07057 (repeat of 7 Feb)	AM/RDFT	(AB)
HM01	8-2	0858	Mon	9240	61681 46028 40306 13062 43213 07057 (repeat of 7 Feb)	AM/RDFT	(AB)
HM01	8-2	0958	Mon	9155	61681 46028 40306 13062 43213 07057 (repeat of 7 Feb)	AM/RDFT	(AB)
HM01	8-2	1558	Mon	11435	61681 46029 40307 13063 43214 42671	AM/RDFT	(AB-DOM)
HM01	8-2	1601	Mon	11530	61681 46029 40307 13063 43214 42671 Files 61336168.TXT 50084602.F1C 60774030.TXT 50351306.TXT 22564321.TXT 67284267.TXT	AM/RDFT	(AB-DOM/RR2)
HM01	9-2	1701	Tue	11530	61682 33561 40308 13064 43215 42671 Files 61336168.TXT 32533356.TXT 60774030.TXT 50351306.TXT 22564321.TXT 67284267.TXT	AM/RDFT	(AB-ANT/RR2)
HM01	9-2	2200	Tue	17480	61682 33561 40308 13064 43215 42671	AM/RDFT	(Dan)
HM01	10-2	0658	Wed	9330	61682 33561 40308 13064 43215 42671 (repeat of 9 Feb)	AM/RDFT	(AB)
HM01	10-2	0757	Wed	9065	61682 33561 40308 13064 43215 42671 (repeat of 9 Feb)	AM/RDFT	(AB)
HM01	10-2	0857	Wed	9240	61682 33561 40308 13064 43215 42671 (repeat of 9 Feb)	AM/RDFT	(AB)
HM01	10-2	1628	Wed	11435	61683 33561 40309 13065 43216 42672	AM/RDFT	(AB-USA)
HM01	10-2	1658	Wed	11530	61683 33561 40309 13065 43216 42672 Files 61336168.TXT 32533356.TXT 60774030.TXT 50351306.TXT 22564321.TXT 67284267.TXT	AM/RDFT	(AB-USA)
HM01	11-2	0958	Thu	12180	61683 33561 40309 13065 43216 42672 (repeat of 10 Feb)	AM/RDFT	(AB-USA)
HM01	11-2	1600	Thu	11435	Carrier only	AM/RDFT	(AB-DOM)
HM01	11-2	1700	Thu	11530	Carrier only	AM/RDFT	(AB-USA)
HM01	11-2	1812	Thu	11635	i.p. 61684 33562 71641 13066 43217 42673 Files 61336168.TXT 32533356.TXT 36257164.F1G 50351306.TXT 22564321.TXT 67284267.TXT	AM/RDFT	(AB-ANT/RR2)
HM01	11-2	2200	Thu	17480	61684 33562 71641 13066 43217 42673. RHC-1 s audio with better level at 2250z for an instant, then transmission off	AM/RDFT	(Dan)
HM01	12-2	0658	Fri	9330	61684 33562 71641 13066 43217 42673 (repeat of 11 Feb)	AM/RDFT	(AB)
HM01	12-2	0758	Fri	9065	61684 33562 71641 13066 43217 42673 (repeat of 11 Feb)	AM/RDFT	(AB)
HM01	12-2	0858	Fri	9240	61684 33562 71641 13066 43217 42673 (repeat of 11 Feb)	AM/RDFT	(AB)
HM01	12-2	0953	Fri	9155	61684 33562 71641 13066 43217 42673 (repeat of 11 Feb) Early start	AM/RDFT	(AB)
HM01	12-2	1558	Fri	11435	61685 33563 71641 13067 43218 42674 Files 61336168.TXT 32533356.TXT 36257164.F1G 50351306.TXT 22564321.TXT 67284267.TXT	AM/RDFT	(AB-DOM/RR2)
HM01	13-2	0958	Sat	12180	Carrier only	AM/RDFT	(AB-DOM)
HM01	13-2	1600	Sat	11435	61686 33564 71642 13068 44651 42675	AM/RDFT	(RR2)
HM01	13-2	1728	Sat	11530	61686 33564 71642 13068 44651 42675 Files 61336168.TXT 32533356.TXT 36257164.F1G 50351306.TXT 35664465.TXT 67284267.TXT	AM/RDFT	(AB-DOM/RR2)
HM01	14-2	0658	Sun	9330	61686 33564 71642 13068 44651 42675 (repeat of 13 Feb)	AM/RDFT	(AB)
HM01	14-2	0828	Sun	9065	61686 33564 71642 13068 44651 42675 (repeat of 13 Feb)	AM/RDFT	(AB)
HM01	14-2	0858	Sun	9240	61686 33564 71642 13068 44651 42675 (repeat of 13 Feb)	AM/RDFT	(AB)

HM01	14-2	1600	Sun	11435	61687 33565 71643 46051 44651 42676	AM/RDFT	(RR2)
HM01	14-2	1603	Sun	11435	i.p. 61687 33565 71643 46051 44651 42676	AM/RDFT	(AB-USA)
HM01	14-2	1658	Sun	11530	61687 33565 71643 46051 44651 42676	AM/RDFT	(AB-USA)
HM01	14-2	1758	Sun	11635	61687 33565 71643 46051 44651 42676 Files 61336168.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 67284267.TXT	AM/RDFT	(AB-USA)
HM01	15-2	0758	Mon	9065	61687 33565 71643 46051 44651 42676 (13 Feb)	AM/RDFT	(AB)
HM01	15-2	0858	Mon	9240	Carrier only	AM/RDFT	(AB)
HM01	15-2	0958	Mon	9155	61687 33565 71643 46051 44651 42676 (13 Feb)	AM/RDFT	(AB)
HM01	15-2	1628	Mon	11435	61687 33566 71644 46051 44652 42677 Files 61336168.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 67284267.TXT	AM/RDFT	(AB-USA)
HM01	15-2	1630	Mon	11435	61688 33566 71644 46051 44652 42677	AM/RDFT	(RR2)
HM01	16-2	1630	Tue	11435	61689 33567 71645 46052 44653 42678	AM/RDFT	(RR2)
HM01	16-2	1658	Tue	11435	61689 33567 71645 46052 44653 42678 Files 61336168.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 67284267.TXT	AM/RDFT	(AB-USA)
HM01	16-2	1658	Tue	11530	61689 33567 71645 46052 44653 42678 Files 61336168.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 67284267.TXT	AM/RDFT	(AB-USA)
HM01	16-2	1758	Tue	11635	61689 33567 71645 46052 44653 42678 Files 61336168.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 67284267.TXT	AM/RDFT	(AB-USA)
HM01	17-2	0658	Wed	9330	61689 33567 71645 46052 44653 42678 (repeat of 16 Feb)	AM/RDFT	(AB)
HM01	17-2	0759	Wed	9065	61689 33567 71645 46052 44653 42678 (repeat of 16 Feb)	AM/RDFT	(AB)
HM01	17-2	0857	Wed	9240	61689 33567 71645 46052 44653 42678 (repeat of 16 Feb)	AM/RDFT	(AB)
HM01	17-2	0957	Wed	9155	61689 33567 71645 46052 44653 42678 (repeat of 16 Feb)	AM/RDFT	(AB)
HM01	17-2	1658	Wed	11530	51511 33568 71646 46053 44654 31541 Files 10655151.TXT 32533356.TXT 36257164.F1G 27864605.TXT 35664465.TXT 58183154.TXT	AM/RDFT	(AB-USA/RR2)
HM01	18-2	1600	Thu	11435	51511 44181 71647 46054 44655 31541 Files 10655151.TXT 63204418.TXT 36257164.F1G 27864605.TXT 35664465.TXT 58183154.TXT	AM/RDFT	(AB-USA)
HM01	18-2	1700	Thu	11530	51511 44181 71647 46054 44655 31541	AM/RDFT	(AB-ANT)
HM01	19-2	0658	Fri	9330	51511 44181 71647 46054 44655 31541 (repeat of 18 Feb)	AM/RDFT	(AB)
HM01	19-2	0758	Fri	9065	51511 44181 71647 46054 44655 31541 (repeat of 18 Feb)	AM/RDFT	(AB)
HM01	19-2	0858	Fri	9240	51511 44181 71647 46054 44655 31541 (repeat of 18 Feb)	AM/RDFT	(AB)
HM01	19-2	0953	Fri	9155	51511 44181 71647 46054 44655 31541 (repeat of 18 Feb)	AM/RDFT	(AB)
HM01	19-2	1558	Fri	11435	51512 44181 62431 46055 44656 31542 Files 10655151.TXT 63204418.TXT 31026243.TXT 27864605.TXT 35664465.TXT 58183154.TXT	AM/RDFT	(AB-USA/RR2)
HM01	19-2	1658	Fri	11435	51512 44181 62431 46055 44656 31542 Should be on 11530 kHz. Moved at 1701 UTC	AM/RDFT	(AB-USA)
HM01	19-2	1701	Fri	11530	On and off several times 51512 44181 62431 46055 44656 31542	AM/RDFT	(AB-USA)
HM01	20-2	1600	Sat	11435	51513 44182 62431 46056 44657 31543	AM/RDFT	(RR2)
HM01	20-2	1658	Sat	11530	51513 44182 62431 46056 44657 31543 Files 10655151.TXT 63204418.TXT 31026243.TXT 27864605.TXT 35664465.TXT 58183154.TXT	AM/RDFT	(AB-USA)
HM01	21-2	0758	Sun	9065	51513 44182 62431 46056 44657 31543 (repeat of 20 Feb)	AM/RDFT	(AB)
HM01	21-2	1558	Sun	11435	51514 44183 62432 46057 44658 31544 Files 10655151.TXT 63204418.TXT 31026243.TXT 27864605.TXT 35664465.TXT 58183154.TXT	AM/RDFT	(AB-USA)
HM01	21-2	1600	Sun	11435	51514 44183 62432 46057 44658 31544	AM/RDFT	(RR2)
HM01	22-2	1600	Mon	11435	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	22-2	1658	Mon	11530	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(AB-USA)
HM01	23-2	1658	Tue	11435	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(AB-USA)
HM01	24-2	1600	Wed	11435	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	25-2	1600	Thu	11435	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RR2)

HM01	26-2	1158	Fri	11435	Carrier till 1629 UTC, then 51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	26-2	1640	Fri	11435	i.p. 51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(AB-DOM)
HM01	26-2	2100	Fri	16180	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	26-2	2200	Fri	17480	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RL)
HM01	27-2	1629	Sat	11435	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RR2)
HM01	27-2	1730	Sat	11530	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(AB-DOM)
HM01	28-2	0658	Sun	9330	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	28-2	0758	Sun	9065	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(AB)
HM01	28-2	1558	Sun	11435	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(AB-USA)
HM01	28-2	1600	Sun	11435	51514 44183 62432 46057 44658 31544 (repeat of 21 Feb)	AM/RDFT	(RR2)
M01	2-2	1800	Tue	5320	VVV at 1750 UTC. 197 338 338 03 30 = = 56456 89729 84331 ... 44631 09415 19296 = = 338 338 30 30 000	CW	(AB/MPJ)
M01	2-2	2000	Tue	4490	197 719 719 30 30 = = 84933 93221 11309 ... 26920 11593 39102 = = 719 719 30 30 000	CW	(AB)
M01	4-2	1800	Thu	5320	197 207 207 30 30 = = 09620 11950 80110 ... 00400 35194 94546 = = 207 207 30 30 000 VVV at 1814 UTC	CW	(AB/MPJ-HOL)
M01	4-2	2000	Thu	4490	197 844 844 30 30 = = 42471 98295 10882 ... 62844 05672 08650 = = 844 844 30 30 000	CW	(AB)
M01	6-2	1500	Sat	5810	197 341 314 30 30 = = 36924 37886 (378866) 14566 ... 67433 39215 12565 = = 341 341 30 30 000	CW	(AB/MPJ)
M01	7-2	0700	Sun	5465	197 318 318 30 30 = = 83596 12557 25406 ... 30299 17744 96650 318 318 30 30 000	CW	(AB)
M01	9-2	1800	Tue	5320	197 112 112 30 30 = = 40057 95979 76827 ... 20154 07942 91564 = = 112 112 30 30 000	CW	(AB-RUS/MPJ)
M01	9-2	2000	Tue	4490	197 156 156 30 30 = = 89874 58268 253778 ... 68186 57065 53178 = = 156 156 30 30 000	CW	(AB/JPL-RUS)
M01	11-2	1800	Thu	5320	Barely audible	CW	(MPJ)
M01	11-2	2000	Thu	4490	197 585 585 30 30 = = 77399 77574 77368 ... 73670 16249 27234 = = 585 585 30 30 000	CW	(AB)
M01	13-2	1500	Sat	5810	197 641 641 30 30 = = 66115 36975 15270 ... 78741 94868 51101 = = 641 641 30 30 000	CW	(AB-RUS/MPJ)
M01	16-2	1800	Tue	5320	197 217 217 30 30 = = 00854 08401 56463 ... 97947 99404 72248 = = 217 217 30 30 000	CW	(AB-RUS/MPJ-AUT)
M01	16-2	2000	Tue	4490	i.p. 94847 68944 77132 13611 92510 14288 48363 79669 66870 30890 40965 83261 = = 585 585 000	CW	(AB)
M01	18-2	1800	Thu	5320	VVV at 1755 UTC. 97 893 893 30 30 = = 14538 24594 91615 ... 96963 11970 36219 = = 893 893 30 30 000	CW	(AB/MPJ)
M01	18-2	2000	Thu	4490	197 847 847 30 30 = = 08007 58032 71046 ... 65215 24606 03490 = = 847 847 30 30 000	CW	(AB)
M01	20-2	1500	Sat	5810	197 251 251 30 30 = = 07432 08148 48265 ... 75656 86000 79026 = = 251 251 30 30 000	CW	(AB/MPJ)
M01	21-2	0700	Sun	5465	197 274 274 30 30 // 86601 40983 88731 ... 66519 59985 98769 // 274 274 30 30 000	CW	(AB)
M01	23-2	1800	Tue	5320	197 346 346 30 30 = = 75129 67785 91472 ... 93678 56358 29113 = = 346 346 30 30 000	CW	(AB-RUS/MPJ)
M01	23-2	2000	Tue	4490	197 715 715 30 30 = = 54046 58258 35669 ... 90715 97355 77146 = = 715 715 30 30 000	CW	(AB)
M01	25-2	1800	Thu	5320	197 413 413 30 30 = = 64253 56886 21321 ... 69795 06338 (0638) 60757 = = 413 413 30 30 000	CW	(AB-RUS/MPJ)
M01	25-2	2000	Thu	4490	197 414 414 30 30 = = 64805 96819 46184 ... 18808 (434756) 43756 37724 = = 414 414 30 30 000	CW	(AB)
M01	27-2	1500	Sat	5810	197 153 153 30 30 = = 30530 81385 17973 ... 240092009 56876 20858 208 = = 153 153 30 30 000	CW	(AB)
M01	28-2	0700	Sun	5465	197 531 531 30 30 = = 84613 09539 09674 ... 27550 06982 26031 = = 531 531 30 30 000	CW	(AB)
M01a	3-2	0552	Wed	2258	111 111 000 111 000	CW	(F5JBR)
M01a	3-2	0918	Wed	4636	333 12311 333 12315 333 13232 524 524 524 13232 13232 333 524 524 524 333 12332 12332	CW	(F5JBR)
M01a	3-2	1452	Wed	3764	i.p. 17738 17738 613 613 17549 17549 00	CW	(JPL-RUS)
M01a	23-2	0808	Tue	9969	i.p. 333 67626 000	CW	(F5JBR)
M01a	23-2	0932	Tue	5306	i.p. 783 783 783 67313 67313 317 030 = 96702 32546 25652 03037 02222 20725 ... 88854 = 317 030 040 02 111 000	CW	(F5JBR)
M12	1-2	1300	Mon	14377	317 317 317 1 411 106 411 106 85187 09232 99401 ... 57758 34119 23622 000 000	CW	(AB/MPJ)
M12	1-2	1320	Mon	13461	317 317 317 1 411 106 411 106 85187 09232 99401 ... 57758 34119 23622 000 000	CW	(AB/MPJ)
M12	1-2	1340	Mon	12114	317 317 317 1 411 106 411 106 85187 09232 99401 ... 57758 34119 23622 000 000	CW	(AB/MPJ)
M12	1-2	2210	Mon	6937	975 975 975 000	CW	(AB/HFD)
M12	1-2	2230	Mon	5737	975 975 975 000	CW	(RL/HFD)
M12	2-2	0030	Tue	5734	786 786 786 000	CW	(HFD)
M12	2-2	0050	Tue	6834	786 786 786 000	CW	(HFD)
M12	2-2	0500	Tue	9317	135 135 135 1 3204 112 3204 112 52463 71153 54234 ... 30937 10571 49431 000 000	CW	(AB-RUS)

M12	2-2	0550	Tue	10484	135 135 135 1 3204 112 3204 112 52463 71153 54234 ... 30937 10571 49431 000 000	CW	(AB-RUS)
M12	2-2	0610	Tue	11552	135 135 135 1 3204 112 3204 112 52463 71153 54234 ... 30937 10571 49431 000 000	CW	(AB-RUS)
M12	2-2	1200	Tue	14377	317 317 317 1 411 106 411 106 85187 09232 99401 ... 57758 34119 23622 000 000	CW	(AB)
M12	2-2	1220	Tue	13461	317 317 317 1 411 106 411 106 85187 09232 99401 ... 57758 34119 23622 000 000	CW	(AB)
M12	2-2	1240	Tue	12114	317 317 317 1 411 106 411 106 85187 09232 99401 ... 57758 34119 23622 000 000	CW	(AB)
M12	3-2	0800	Wed	17415	427 427 427 1 522 78 522 78 11393 89734 87536 ... 86095 42479 83239 000 000	CW	(AB/HFD-RUS)
M12	3-2	0820	Wed	18215	427 427 427 1 522 78 522 78 11393 89734 87536 ... 86095 42479 83239 000 000	CW	(AB/HFD-RUS)
M12	3-2	0840	Wed	18715	427 427 427 1 522 78 522 78 11393 89734 87536 ... 86095 42479 83239 000 000	CW	(AB/HFD-RUS)
M12	3-2	1710	Wed	12162	546 546 546 1 5728 109 57208 109 97288 07239 82161 ... 81507 97221 71480 000 000	CW	(AB-RUS)
M12	3-2	1730	Wed	11566	546 546 546 1 5728 109 57208 109 97288 07239 82161 ... 81507 97221 71480 000 000	CW	(AB-RUS)
M12	3-2	1750	Wed	10711	546 546 546 1 5728 109 57208 109 97288 07239 82161 ... 81507 97221 71480 000 000	CW	(AB-RUS)
M12	3-2	2050	Wed	6941	986 986 986 000	CW	(AB/RL/HFD)
M12	3-2	2110	Wed	5841	986 986 986 000	CW	(AB/RL/HFD)
M12	4-2	0110	Thu	11464	441 441 441 1 ...	CW	(HFD)
M12	4-2	0130	Thu	10464	441 441 441 1 ...	CW	(HFD)
M12	4-2	0150	Thu	9164	441 441 441 1 ...	CW	(HFD)
M12	4-2	1700	Thu	12162	546 546 56 1 7706 107 7706 107 62420 13738 12929 ... 61924 82133 68201 000 000	CW	(AB)
M12	4-2	1720	Thu	11566	546 546 56 1 7706 107 7706 107 62420 13738 12929 ... 61924 82133 68201 000 000	CW	(AB)
M12	4-2	1740	Thu	10711	546 546 56 1 7706 107 7706 107 62420 13738 12929 ... 61924 82133 68201 000 000	CW	(AB)
M12	4-2	1800	Thu	12162	546 546 56 1 6761 112 6761 112 16114 30826 06537 ... 49641 04929 01457 000 000	CW	(AB)
M12	4-2	1820	Thu	11566	546 546 56 1 6761 112 6761 112 16114 30826 06537 ... 49641 04929 01457 000 000	CW	(AB)
M12	4-2	1840	Thu	10711	546 546 56 1 6761 112 6761 112 16114 30826 06537 ... 49641 04929 01457 000 000	CW	(AB)
M12	4-2	2000	Thu	14377	317 317 317 2487 102 2487 102 20444 52868 87222 ... 14831 26309 16337 000 000	CW	(AB)
M12	4-2	2020	Thu	13461	317 317 317 2487 102 2487 102 20444 52868 87222 ... 14831 26309 16337 000 000	CW	(AB)
M12	4-2	2040	Thu	12114	317 317 317 2487 102 2487 102 20444 52868 87222 ... 14831 26309 16337 000 000	CW	(AB)
M12	4-2	2210	Thu	6937	975 975 975 000	CW	(AB)
M12	4-2	2230	Thu	5737	975 975 975 000	CW	(AB)
M12	4-2	2300	Thu	9362	451 451 451 1 561 96 561 96 03374 02874 19564 ... 32189 44191 02725 000 000	CW	(AB)
M12	4-2	2320	Thu	8062	451 451 451 1 561 96 561 96 03374 02874 19564 ... 32189 44191 02725 000 000	CW	(AB)
M12	4-2	2340	Thu	7462	451 451 451 1 561 96 561 96 03374 02874 19564 ... 32189 44191 02725 000 000	CW	(AB)
M12	5-2	0030	Fri	5734	786 786 786 000	CW	(AB)
M12	5-2	0050	Fri	6834	786 786 786 000	CW	(AB)
M12	5-2	2050	Fri	6941	986 986 986 000	CW	(AB/HFD)
M12	5-2	2110	Fri	5841	986 986 986 000	CW	(AB/HFD)
M12	5-2	2200	Fri	5832	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(HFD)
M12	5-2	2220	Fri	6832	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(HFD)
M12	5-2	2240	Fri	7732	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(HFD)
M12	6-2	2200	Sat	5832	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	6-2	2220	Sat	6832	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	6-2	2240	Sat	7732	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	7-2	0800	Sun	17415	427 427 427 1 522 78 522 78 11393 89734 87536 ... 86095 42479 83239 000 000	CW	(AB)
M12	7-2	0820	Sun	18215	427 427 427 1 522 78 522 78 11393 89734 87536 ... 86095 42479 83239 000 000	CW	(AB)
M12	7-2	0840	Sun	18715	427 427 427 1 522 78 522 78 11393 89734 87536 ... 86095 42479 83239 000 000	CW	(AB)
M12	8-2	1300	Mon	14377	317 317 317 1 6793 99 6793 99 90698 26384 20950 ... 31404 25312 30760 000 000	CW	(AB)
M12	8-2	1320	Mon	13461	317 317 317 1 6793 99 6793 99 90698 26384 20950 ... 31404 25312 30760 000 000	CW	(AB)
M12	8-2	1340	Mon	12114	317 317 317 1 6793 99 6793 99 90698 26384 20950 ... 31404 25312 30760 000 000	CW	(AB)
M12	8-2	2210	Mon	6937	975 975 975 1 6995 123 6995 123 29892 96168 17392 ... 46960 17647 91740 000 000	CW	(AB/ES-HOL)

M12	8-2	2230	Mon	5737	975 975 975 1 6995 123 6995 123 29892 96168 17392 ... 46960 17647 91740 000 000	CW	(AB/ES-HOL)
M12	8-2	2250	Mon	4537	975 975 975 1 6995 123 6995 123 29892 96168 17392 ... 46960 17647 91740 000 000	CW	(AB/ES-HOL)
M12	8-2	2300	Mon	9362	451 451 451 000	CW	(AB/ES-HOL)
M12	8-2	2320	Mon	8062	451 451 451 000	CW	(AB/ES-HOL)
M12	9-2	0530	Tue	9317	135 1 4288 104 81583 67030 ... 41348 38910 000 000	CW	(ES-RUS)
M12	9-2	0530	Tue	10484	135 1 4288 104 81583 67030 ... 41348 38910 000 000	CW	(ES-RUS)
M12	9-2	0530	Tue	11552	135 1 4288 104 81583 67030 ... 41348 38910 000 000	CW	(ES-RUS)
M12	9-2	1200	Tue	14377	317 317 317 1 3287 99 3287 99 87601 36785 84590 ... 15483 25254 39454 000 000	CW	(AB)
M12	9-2	1220	Tue	13461	317 317 317 1 3287 99 3287 99 87601 36785 84590 ... 15483 25254 39454 000 000	CW	(AB)
M12	9-2	1240	Tue	12114	317 317 317 1 3287 99 3287 99 87601 36785 84590 ... 15483 25254 39454 000 000	CW	(AB)
M12	10-2	0800	Wed	17415	427 427 427 000	CW	(AB)
M12	10-2	0820	Wed	18215	427 427 427 000	CW	(AB)
M12	10-2	2050	Wed	6941	986 986 986 000	CW	(AB)
M12	10-2	2110	Wed	5841	986 986 986 000	CW	(AB)
M12	11-2	1700	Thu	12162	546 546 546 1 9454 111 9454 111 18302 01217 01277 ... 06938 90830 28925 000 000	CW	(AB-RUS)
M12	11-2	1720	Thu	11566	546 546 546 1 9454 111 9454 111 18302 01217 01277 ... 06938 90830 28925 000 000	CW	(AB-RUS)
M12	11-2	1740	Thu	10711	546 546 546 1 9454 111 9454 111 18302 01217 01277 ... 06938 90830 28925 000 000	CW	(AB-RUS)
M12	11-2	1800	Thu	12162	546 546 546 1 3049 112 3049 112 12308 51948 28549 ... 06624 23577 99733 000 000	CW	(AB-RUS)
M12	11-2	1820	Thu	11566	546 546 546 1 3049 112 3049 112 12308 51948 28549 ... 06624 23577 99733 000 000	CW	(AB-RUS)
M12	11-2	1840	Thu	10711	546 546 546 1 3049 112 3049 112 12308 51948 28549 ... 06624 23577 99733 000 000	CW	(AB-RUS)
M12	11-2	2000	Thu	14377	Technical problems. Restarted at 2004 UTC. 317 317 317 1 2581 104 2581 104 30555 17771 71092 ... 23290 29264 08443 000 000	CW	(AB-RUS)
M12	11-2	2020	Thu	13461	317 317 317 1 2581 104 2581 104 30555 17771 71092 ... 23290 29264 08443 000 000	CW	(AB)
M12	11-2	2040	Thu	12114	317 317 317 1 2581 104 2581 104 30555 17771 71092 ... 23290 29264 08443 000 000	CW	(AB)
M12	11-2	2210	Thu	6937	975 975 975 1 6995 123 6995 123 29892 96168 17392 ... 46960 17647 91740 000 000	CW	(AB/RL)
M12	11-2	2230	Thu	5737	975 975 975 1 6995 123 6995 123 29892 96168 17392 ... 46960 17647 91740 000 000	CW	(AB/RL)
M12	11-2	2250	Thu	4537	975 975 975 1 6995 123 6995 123 29892 96168 17392 ... 46960 17647 91740 000 000	CW	(AB/RL)
M12	11-2	2300	Thu	9362	451 451 451 000	CW	(AB)
M12	11-2	2320	Thu	8062	451 451 451 000	CW	(AB)
M12	12-2	0030	Fri	5734	786 786 786 1 7059 91 7059 91 67863 26059 51885 ... 86004 43340 14026 000 000	CW	(AB)
M12	12-2	0050	Fri	6834	786 786 786 1 7059 91 7059 91 67863 26059 51885 ... 86004 43340 14026 000 000	CW	(AB)
M12	12-2	0110	Fri	7634	786 786 786 1 7059 91 7059 91 67863 26059 51885 ... 86004 43340 14026 000 000	CW	(AB)
M12	12-2	2050	Fri	6941	986 986 986 000	CW	(AB/RL)
M12	12-2	2110	Fri	5841	986 986 986 000	CW	(AB/RL)
M12	12-2	2200	Fri	5832	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	12-2	2220	Fri	6832	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	12-2	2240	Fri	7732	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	13-2	2200	Sat	5832	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	13-2	2220	Sat	6832	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	13-2	2240	Sat	7732	887 887 887 1 9859 232 9859 232 30139 37291 50979 ... 99566 11175 33402 000 000	CW	(AB)
M12	14-2	0110	Sun	11464	441 441 441 000	CW	(AB)
M12	14-2	0130	Sun	10464	441 441 441 000	CW	(AB)
M12	14-2	0800	Sun	17415	427 427 427 000	CW	(AB)
M12	14-2	0820	Sun	18215	427 427 427 000	CW	(AB)
M12	15-2	1300	Mon	14377	317 317 317 317 1 5049 100 5049 100 40412 33919 96482 ... 76989 64498 85563 000 000	CW	(AB/MPJ)
M12	15-2	1320	Mon	13461	317 317 317 317 1 5049 100 5049 100 40412 33919 96482 ... 76989 64498 85563 000 000	CW	(AB/MPJ)
M12	15-2	1340	Mon	12114	317 317 317 317 1 5049 100 5049 100 40412 33919 96482 ... 76989 64498 85563 000 000	CW	(AB/MPJ)

M12	15-2	2210	Mon	6937	975 975 975 000	CW	(AB/RL)
M12	15-2	2230	Mon	5737	975 975 975 000	CW	(AB/RL)
M12	15-2	2300	Mon	9362	451 451 451 1 5479 87 5479 87 50228 69557 51199 ... 63198 29647 13766 000 000	CW	(AB)
M12	15-2	2320	Mon	8062	451 451 451 1 5479 87 5479 87 50228 69557 51199 ... 63198 29647 13766 000 000	CW	(AB)
M12	15-2	2340	Mon	7462	451 451 451 1 5479 87 5479 87 50228 69557 51199 ... 63198 29647 13766 000 000	CW	(AB)
M12	16-2	0030	Tue	5734	786 786 786 000	CW	(AB)
M12	16-2	0050	Tue	6834	786 786 786 000	CW	(AB)
M12	16-2	1200	Tue	14377	317 317 317 1 5962 103 94434 01553 17843 ... 99140 54702 50872 000 000	CW	(AB/MPJ)
M12	16-2	1220	Tue	13461	317 317 317 1 5962 103 94434 01553 17843 ... 99140 54702 50872 000 000	CW	(AB/MPJ)
M12	16-2	1240	Tue	12114	317 317 317 1 5962 103 94434 01553 17843 ... 99140 54702 50872 000 000	CW	(AB/MPJ)
M12	17-2	0800	Wed	17415	427 427 427 1 8122 95 8122 95 56050 83932 17316 ... 65330 93519 96680 000 000	CW	(AB)
M12	17-2	0820	Wed	18215	427 427 427 1 8122 95 8122 95 56050 83932 17316 ... 65330 93519 96680 000 000	CW	(AB)
M12	17-2	0840	Wed	18715	427 427 427 1 8122 95 8122 95 56050 83932 17316 ... 65330 93519 96680 000 000	CW	(AB)
M12	17-2	1710	Wed	12162	546 546 546 1 5067 110 5067 110 33918 06081 41144 ... 48987 15339 60757 000 000	CW	(AB)
M12	17-2	1730	Wed	11566	546 546 546 1 5067 110 5067 110 33918 06081 41144 ... 48987 15339 60757 000 000	CW	(AB)
M12	17-2	1750	Wed	10711	546 546 546 1 5067 110 5067 110 33918 06081 41144 ... 48987 15339 60757 000 000	CW	(AB)
M12	17-2	2050	Wed	6941	986 986 986 000	CW	(AB/RL)
M12	17-2	2110	Wed	5841	986 986 986 000	CW	(AB/RL)
M12	18-2	1700	Thu	12162	546 546 546 1993 106 1993 106 53164 93542 90016 ... 75124 44058 53911 000 000	CW	(AB-RUS)
M12	18-2	1710	Thu	12162	546 546 546 1 285 69 285 69 86269 54133 03443 ... 58891 68652 07546 000 000	CW	(AB-RUS)
M12	18-2	1720	Thu	11566	546 546 546 1993 106 1993 106 53164 93542 90016 ... 75124 44058 53911 000 000	CW	(AB-RUS)
M12	18-2	1730	Thu	11566	546 546 546 1 285 69 285 69 86269 54133 03443 ... 58891 68652 07546 000 000	CW	(AB-RUS)
M12	18-2	1740	Thu	10711	546 546 546 1993 106 1993 106 53164 93542 90016 ... 75124 44058 53911 000 000	CW	(AB)
M12	18-2	1750	Thu	10711	546 546 546 1 285 69 285 69 86269 54133 03443 ... 58891 68652 07546 000 000	CW	(AB-RUS)
M12	18-2	1800	Thu	12162	546 546 546 1 4036 104 4036 104 70745 44483 71765 ... 49570 32130 47540 000 000	CW	(AB-POL)
M12	18-2	1820	Thu	11566	546 546 546 1 4036 104 4036 104 70745 44483 71765 ... 49570 32130 47540 000 000	CW	(AB-POL)
M12	18-2	1840	Thu	10711	546 546 546 1 4036 104 4036 104 70745 44483 71765 ... 49570 32130 47540 000 000	CW	(AB)
M12	18-2	2000	Thu	14377	317 317 317 1 9344 101 9344 101 05102 46917 83046 ... 53455 74529 78191 000 000	CW	(AB-RUS)
M12	18-2	2020	Thu	13461	317 317 317 1 9344 101 9344 101 05102 46917 83046 ... 53455 74529 78191 000 000	CW	(AB-RUS)
M12	18-2	2040	Thu	12114	317 317 317 1 9344 101 9344 101 05102 46917 83046 ... 53455 74529 78191 000 000	CW	(AB-RUS)
M12	18-2	2210	Thu	6937	975 975 975 000	CW	(AB)
M12	18-2	2230	Thu	5737	975 975 975 000	CW	(AB)
M12	18-2	2300	Thu	9362	451 451 451 1 5479 87 5479 87 50228 69557 51199 ... 63198 29647 13766 000 000	CW	(AB)
M12	18-2	2320	Thu	8062	451 451 451 1 5479 87 5479 87 50228 69557 51199 ... 63198 29647 13766 000 000	CW	(AB)
M12	18-2	2340	Thu	7462	451 451 451 1 5479 87 5479 87 50228 69557 51199 ... 63198 29647 13766 000 000	CW	(AB)
M12	19-2	0030	Fri	5734	786 786 786 000	CW	(AB)
M12	19-2	0050	Fri	6834	786 786 786 000	CW	(AB)
M12	19-2	2050	Fri	6941	986 986 986 000	CW	(AB/RL/ES-HOL)
M12	19-2	2110	Fri	5841	986 986 986 000	CW	(AB/RL/ES-HOL)
M12	19-2	2200	Fri	5832	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB/ES-HOL)
M12	19-2	2220	Fri	6832	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB/ES-HOL)
M12	19-2	2240	Fri	7732	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB/ES-HOL)
M12	20-2	2200	Sat	5832	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB)
M12	20-2	2220	Sat	6832	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB)
M12	20-2	2240	Sat	7732	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB)
M12	21-2	0800	Sun	17415	427 427 427 1 8122 95 8122 95 56050 83932 17316 ... 65330 93519 96680 000 000	CW	(AB-RUS)
M12	21-2	0820	Sun	18215	427 427 427 1 8122 95 8122 95 56050 83932 17316 ... 65330 93519 96680 000 000	CW	(AB-RUS)

M12	21-2	0840	Sun	18715	427 427 427 1 8122 95 8122 95 56050 83932 17316 ... 65330 93519 96680 000 000	CW	(AB-RUS)
M12	22-2	1300	Mon	14377	317 317 317 1 5764 103 5764 103 58420 50975 20085 ... 11825 67833 86949 000 000	CW	(AB/MPJ)
M12	22-2	1320	Mon	13461	317 317 317 1 5764 103 5764 103 58420 50975 20085 ... 11825 67833 86949 000 000	CW	(AB/MPJ)
M12	22-2	1340	Mon	12114	317 317 317 1 5764 103 5764 103 58420 50975 20085 ... 11825 67833 86949 000 000	CW	(AB/MPJ)
M12	22-2	2210	Mon	6937	975 975 975 1 480 81 480 81 26440 77028 75999 ... 40794 98987 58780 000 000	CW	(AB)
M12	22-2	2230	Mon	5737	975 975 975 1 480 81 480 81 26440 77028 75999 ... 40794 98987 58780 000 000	CW	(AB)
M12	22-2	2250	Mon	4537	975 975 975 1 480 81 480 81 26440 77028 75999 ... 40794 98987 58780 000 000	CW	(AB)
M12	23-2	0030	Tue	5734	786 786 786 1 253 121 253 121 64411 03037 ...	CW	(AB)
M12	23-2	0050	Tue	6834	786 786 786 1 253 121 253 121 64411 03037 ...	CW	(AB)
M12	23-2	0110	Tue	7634	786 786 786 1 253 121 253 121 64411 03037 ...	CW	(AB)
M12	23-2	0530	Tue	9317	135 135 135 1 4890 110 4890 110 91517 03795 03970 ... 58505 15393 02425 000 000	CW	(AB-RUS)
M12	23-2	0550	Tue	10484	135 135 135 1 4890 110 4890 110 91517 03795 03970 ... 58505 15393 02425 000 000	CW	(AB-RUS)
M12	23-2	0610	Tue	11552	135 135 135 1 4890 110 4890 110 91517 03795 03970 ... 58505 15393 02425 000 000	CW	(AB-RUS)
M12	23-2	1200	Tue	14377	317 317 317 1 4281 100 4281 100 09217 48037 33734 ... 56696 38590 32339 000 000	CW	(AB)
M12	23-2	1220	Tue	13461	317 317 317 1 4281 100 4281 100 09217 48037 33734 ... 56696 38590 32339 000 000	CW	(AB)
M12	23-2	1240	Tue	12114	317 317 317 1 4281 100 4281 100 09217 48037 33734 ... 56696 38590 32339 000 000	CW	(AB)
M12	24-2	1710	Wed	12162	546 546 546 1 1634 113 1634 113 98934 71627 23481 ... 78088 16181 51443 000 000	CW	(AB)
M12	24-2	1730	Wed	11566	546 546 546 1 1634 113 1634 113 98934 71627 23481 ... 78088 16181 51443 000 000	CW	(AB)
M12	24-2	1750	Wed	10711	546 546 546 1 1634 113 1634 113 98934 71627 23481 ... 78088 16181 51443 000 000	CW	(AB)
M12	24-2	2050	Wed	6941	986 986 986 000	CW	(AB)
M12	24-2	2110	Wed	5841	986 986 986 000	CW	(AB)
M12	25-2	1700	Thu	12162	546 546 546 1 4106 111 4106 111 99744 04743 49408 ... 37321 10594 50684 000 000	CW	(AB-RUS)
M12	25-2	1720	Thu	11566	546 546 546 1 4106 111 4106 111 99744 04743 49408 ... 37321 10594 50684 000 000	CW	(AB-RUS)
M12	25-2	1740	Thu	10711	546 546 546 1 4106 111 4106 111 99744 04743 49408 ... 37321 10594 50684 000 000	CW	(AB)
M12	25-2	1800	Thu	12162	546 546 546 1 8138 105 8138 105 09313 45181 89461 ... 71120 24592 65756 000 000	CW	(AB-RUS)
M12	25-2	1820	Thu	11566	546 546 546 1 8138 105 8138 105 09313 45181 89461 ... 71120 24592 65756 000 000	CW	(AB-RUS)
M12	25-2	1840	Thu	10711	546 546 546 1 8138 105 8138 105 09313 45181 89461 ... 71120 24592 65756 000 000	CW	(AB-RUS)
M12	25-2	2000	Thu	14377	317 317 317 1 2071 101 2071 101 23212 34522 97597 ... 63940 40442 67787 000 000	CW	(AB-RUS)
M12	25-2	2020	Thu	13461	317 317 317 1 2071 101 2071 101 23212 34522 97597 ... 63940 40442 67787 000 000	CW	(AB-RUS)
M12	25-2	2040	Thu	12114	317 317 317 1 2071 101 2071 101 23212 34522 97597 ... 63940 40442 67787 000 000	CW	(AB-RUS)
M12	25-2	2210	Thu	6937	975 975 975 1 480 81 480 81 26440 77028 75999 ... 40794 98987 58780 000 000	CW	(AB)
M12	25-2	2230	Thu	5737	975 975 975 1 480 81 480 81 26440 77028 75999 ... 40794 98987 58780 000 000	CW	(AB)
M12	25-2	2250	Thu	4537	975 975 975 1 480 81 480 81 26440 77028 75999 ... 40794 98987 58780 000 000	CW	(AB)
M12	25-2	2300	Thu	9362	451 451 451 000	CW	(AB)
M12	25-2	2320	Thu	8062	451 451 451 000	CW	(AB)
M12	26-2	2050	Fri	6941	986 986 986 000	CW	(AB)
M12	26-2	2110	Fri	5841	986 986 986 000	CW	(AB/RL)
M12	26-2	2200	Fri	5832	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB/RL)
M12	26-2	2220	Fri	6832	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB/RL)
M12	26-2	2240	Fri	7732	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB/RL)
M12	27-2	2200	Sat	5832	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB)
M12	27-2	2220	Sat	6832	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB)
M12	27-2	2240	Sat	7732	887 887 887 1 236 198 236 198 86656 55228 66427 ... 90676 13270 62854 000 000	CW	(AB)
M12	28-2	0800	Sun	17415	427 427 427 000	CW	(AB)
M12	28-2	0820	Sun	18215	427 427 427 000	CW	(AB-RUS)
M14	10-2	0930	Wed	17458	617 943 943 182 182 = = 12385 18945 94285 ... 41150 76329 16470 = = 943 943 182 182 00000	CW	(AB)
M14	11-2	0930	Thu	15994	617 943 943 182 182 = = 12385 18945 94285 ... 41150 76329 16470 = = 943 943 182 182 00000	CW	(AB)

M14	25-2	0930	Thu	17458	617 943 943 182 182 = = 12385 18945 94285 ... 41150 76329 16470 = = 943 943 182 182 00000	CW	(AB)
M21	3-2	0546	Wed	3185	Russian Air Defense =990846??8????? =990847??8????? =990848??8????? //5732.5 kHz	CW	(F5JBR)
M21	3-2	0546	Wed	5732.5	Russian Air Defense =990846??8????? =990847??8????? =990848??8????? //3185 kHz	CW	(F5JBR)
M21	3-2	0619	Wed	4865.5	Russian Air Defense =990919??8????? =990920??8????? =990921??8?????	CW	(F5JBR)
M21	3-2	0658	Wed	5860.5	Russian Air Defense =990958??0????? =990959??0????? =991000??0?????	CW	(F5JBR)
M21	3-2	0717	Wed	5732.5	Russian Air Defense =991017??8????? =991018??8????? =991019??8????? //5980.5 kHz	CW	(F5JBR)
M21	3-2	0717	Wed	5980.5	Russian Air Defense =991017??8????? =991018??8????? =991019??8????? //5732.5 kHz	CW	(F5JBR)
M21	6-2	1359	Sat	4227	=991659??8????? =991700??8????? =991701??8?????	CW	(F5JBR)
M21	22-2	1546	Mon	3322	=991846??0????? =991847??0????? =991848??0?????	CW	(F5JBR)
M22	26-2	1647	Fri	6607	VVV DE 4XZ 4XZ = =	CW	(AB)
M23	2-2	1600	Tue	5345	OOO (R82)	CW	(AB/MPJ/JPL-RUS/RL)
M23	2-2	1600	Tue	5345	OOO (R82)	CW	(AB)
M23	4-2	1600	Thu	5345	OOO (R82)	CW	(AB)
M23	5-2	1600	Fri	5345	OOO (R82)	CW	(AB/JPL-RUS)
M23	6-2	1600	Sat	5345	OOO (R82)	CW	(AB)
M23	7-2	1600	Sun	5345	OOO (R82)	CW	(AB/MPJ)
M23	8-2	1600	Mon	5345	000 (R47) long zero's	CW	(AB/RL)
M23	9-2	1600	Tue	5345	000 (R47) long zero's	CW	(AB/GHn/MPJ/RL)
M23	10-2	1600	Wed	5345	000 (R47) long zero's	CW	(AB/JPL-RUS/MPJ)
M23	11-2	1600	Thu	5345	000 (R47) long zero's	CW	(AB/MPJ)
M23	15-2	1600	Mon	5345	OOO (R82)	CW	(AB)
M23	16-2	1600	Tue	5345	OOO (R82)	CW	(AB)
M23	17-2	1600	Wed	5345	OOO (R82)	CW	(AB)
M23	18-2	1600	Thu	5345	OOO (R82)	CW	(AB)
M23	19-2	1600	Fri	5345	OOO (R82)	CW	(AB/RL)
M23	20-2	1600	Sat	5345	OOO (R82)	CW	(AB)
M23	21-2	1600	Sun	5345	OOO (R82)	CW	(AB/MPJ)
M23	22-2	1600	Mon	5345	000 (R47) long zero's	CW	(AB)
M23	23-2	1600	Tue	5345	000 (R47) long zero's	CW	(AB/MPJ)
M23	24-2	1600	Wed	5345	000 (R47) long zero's	CW	(AB)
M23	25-2	1600	Thu	5345	000 (R47) long zero's	CW	(AB)
M32	5-2	1204	Fri	5387	XXX XXX CDI5 CDI5 90029 TRANSPORT 0871 9629 K	CW	(JPL-RUS)
M32	10-2	1215	Wed	4922.5	XXX XXX DMSB DMSB 90124 ZWUKOPAUk 0758 8026 K	CW	(Gwr)
M32	16-2	1117	Tue	5793	XXX XXX 24YO 24YO 19073 DIKcIA 4866 3003 K	CW	(JPL-RUS)
M32	18-2	1337	Thu	5383	XXX XXX XHOP XHOP 32296 SKAZANIE 2959 5264 K	CW	(Gwr)
M32	18-2	1346	Thu	5374	XXX XXX 596E 596E 48156 WYazOFARsh 9915 9402 K	CW	(Gwr)
M32	20-2	1225	Sat	14411	RDL RDL RDL 87898 90610 87898 90610 87898 90610 K	CW	(AB/MPJ)
M32	22-2	0802	Mon	7523	XXX LR43 TEHNIËSKA_T PROWERKA 592 K	CW	(F5JBR)
M32	25-2	1118	Thu	5387	XXX XXX XHOP XHOP 63633 NYuHOChINK 1704 6523 TOChEChNYJ 8447 3832 K	CW	(Gwr)
M32	25-2	1140	Thu	5387	XXX XXX XHOP XHOP 45462 ANTITZIS 8300 7268 K	CW	(Gwr)
M32	25-2	1144	Thu	5911	JVB1 40734 NITOKNUT 2974 9768 (S30 CW channel)	CW	(Gwr)
M32a	17-2	0753	Wed	8627	RGR76 RGR76 RGR76 DE RMP RMP QSA? K	CW	(RL)
M32a	23-2	0804	Tue	7523	RBL88: XXX LR43 TEHNIËSKA_T PROWERKA 592 K //9311 kHz	CW	(F5JBR)
M32a	23-2	0804	Tue	9311	RBL88: XXX LR43 TEHNIËSKA_T PROWERKA 592 K //7523 kHz	CW	(F5JBR)
M32a	23-2	0808	Tue	7523	RBL88: XXX LR43 TEHNIËSKA_T PROWERKA 592 K sent to RBL90 RFN69 RFN77 RGR99 (RFN69 RFN77 acknowledge receipt)	CW	(F5JBR)
M32c	11-2	0802	Thu	9311	REA4: XXX XXX TTEKHNIChESKAYA PROWERKA 592 K	CW	(PP1)

M32c	12-2	0841	Fri	7314	REA4: XXX XXX L9XS L9XS 6OKS 6OKS QMCK QMCK P79N P79N 53346 ZAKISANXE 0619 1132	CW	(JU)
M32c	12-2	0854	Fri	7314	REA4: XXX XXX L9XS L9XS 6OKS 6OKS QMCK QMCK P79N P79N 43860 TERMIST 2741 5192	CW	(JU)
M32c	12-2	0903	Fri	7314	REA4: XXX XXX A2C2 A2C2 20745 UGARONII 8406 3478	CW	(JU)
M32c	12-2	0916	Fri	7314	REA4: XXX XXX MSK7 MSK7 44222 OTWESNOSTX 1961 5953	CW	(JU)
M32c	12-2	0938	Fri	7314	REA4: XXX XXX L9XS L9XS 6OKS 6OKS QMCK QMCK P79N P79N 16842 NORDOROW 3609 6743	CW	(JU)
M32c	12-2	0957	Fri	7314	REA4: XXX XXX A2CA A2CA 20205 BROWASTYJ 4474 6049	CW	(JU)
M32c	23-2	0859	Tue	7314	REA4: XXX A2CA 67330 TERMIST 2741 6492 UGARONII 8406 4778 K	CW	(F5JBR)
M32c	23-2	0915	Tue	7314	REA4: XXX A2CA 52401 OTWESNOSTX 1961 5953 K	CW	(F5JBR)
M32c	23-2	0935	Tue	7314	REA4: XXX MSK7 46699 NORDOROW 3609 6743 K	CW	(F5JBR)
M32c	23-2	0954	Tue	7314	REA4: XXX A2CA 30775 BROWASTYJ 4474 6049 K	CW	(F5JBR)
M41	22-2	0840	Mon	6343	=1071 6702968 40 =1071 6702951 42 =1071 6702587 51100 44 =1071 6702598 46	USB	(F5JBR)
M41	23-2	0733	Tue	4959	i.p. 5728 51785 5179900 15 51799009100511800 9900099901636 9900095125640	CW	(F5JBR)
M41	23-2	1435	Tue	4102.5	VVV VVV VVV VVV COTS COTS = 7229679613 7715486 2036 722 9669614 7796432036	CW	(F5JBR)
M42	2-2	0815	Tue	16190	Russian diplo/intel.	MFSK-66	(RR)
M42	2-2	0830	Tue	16039.5	Russian diplo/intel.	MFSK-66	(RR)
M42	4-2	0810	Thu	15971	Russian diplo/intel.	MFSK-66	(RR)
M42	4-2	1230	Thu	16313	Russian diplo/intel.	MFSK-66	(RR)
M42	4-2	1245	Thu	16311	Russian diplo/intel.	MFSK-66	(RR)
M42	5-2	0835	Fri	16320	Russian diplo/intel.	MFSK-66	(RR)
M42	5-2	0930	Fri	15627	Russian diplo/intel.	MFSK-66	(RR)
M42	8-2	0912	Mon	14508	Russian diplo/intel.	MFSK-66	(RR)
M42	8-2	0930	Mon	14460	Russian diplo/intel.	MFSK-66	(RR)
M42	8-2	1230	Mon	14681	Russian diplo/intel.	MFSK-66	(RR)
M42	9-2	0800	Tue	14444	Russian diplo/intel.	MFSK-66	(RR)
M42	10-2	0920	Wed	10428	Russian diplo/intel.	5xMFSK-16/250Bd-BPSK	(PP1)
M42	10-2	1155	Wed	11574	Russian diplo/intel.	5xMFSK-16/250Bd-BPSK	(AB)
M42b	3-2	0547	Wed	6925	LKDW wkg PRAT: QSA NO QSY 13000	CW	(F5JBR)
M42b	22-2	0844	Mon	5158	G5OP wkg SN7D. Messages sent in FSK 50/500	CW	(F5JBR)
M42b	22-2	0846	Mon	5178	G5OP wkg SN7D. Messages sent in FSK 50/500	CW	(F5JBR)
M42b	23-2	0738	Tue	5926	7MKI clg WI6F	CW	(F5JBR)
M51a	8-2	1248	Mon	6825	i.p. LUNDI-LEcON NUMÚRO 21-2/3 VITESSE 420 CODÚ = VBCHD WJSYÚ JKAOL JNXCD GCHAI WBNDH ...	CW	(RL)
M51a	13-2	0920	Sat	3881	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages. CQ DE FAV22 VA //6825 kHz	CW	(AB)
M51a	13-2	0920	Sat	6825	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages. CQ DE FAV22 VA //3881 kHz	CW	(AB)
M51a	20-2	0800	Sat	3881	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages. CQ DE FAV22 VA //6825 kHz	CW	(AB)
M51a	20-2	0800	Sat	6825	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages. CQ DE FAV22 VA //3881 kHz	CW	(AB)
M51a	27-2	0800	Sat	3881	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages. CQ DE FAV22 VA //6825 kHz	CW	(AB)
M51a	27-2	0800	Sat	6825	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages. CQ DE FAV22 VA //3881 kHz	CW	(AB)
M51b	9-2	1704	Tue	3881	i.p. bxgct rtgdh 46387 sbxja 10638 xbdgh ...	CW	(RL)
M51b	12-2	0901	Fri	6825	i.p. cazqs 58236 fzdqh vcbhs lkoie cxahq bcndj kslqi ...	CW	(RL)
M51b	13-2	0832	Sat	3881	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	13-2	0832	Sat	6825	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M51b	13-2	0946	Sat	3881	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	13-2	0946	Sat	6825	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M51b	27-2	0709	Sat	3881	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	27-2	0709	Sat	6825	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)

M89	1-2	1101	Mon	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	1-2	1101	Mon	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	1-2	1103	Mon	5139	i.p. NR RPT 31W K NR RPT 51W K (Cont'd to ask for repeats) R QSL 1... K	CW	(JPL)
M89	1-2	1103	Mon	6140	V L5S3 (x3) DE Z4Y6 (x2)	CW	(JPL)
M89	1-2	1111	Mon	4043	V L5S3 (x3) DE Z4Y6 (x2)	CW	(JPL)
M89	1-2	1120	Mon	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	1-2	1120	Mon	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	1-2	1120	Mon	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	1-2	1120	Mon	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	1-2	1120	Mon	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	1-2	1130	Mon	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	1-2	1130	Mon	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	2-2	1635	Tue	4832	i.p. CQ (x3) DE DP91 (x2) V HR NIL SK GB HR NIL SK //5725	CW	(JPL)
M89	2-2	1636	Tue	5725	i.p. CQ (x3) DE DP91 (x2) K NIL NIL HL HR NIL SK GB HR NIL SK GB HR //4832	CW	(JPL)
M89	2-2	1649	Tue	2984	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	2-2	1652	Tue	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	2-2	1655	Tue	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	2-2	1655	Tue	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	2-2	1730	Tue	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	2-2	1730	Tue	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3-2	1120	Wed	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	3-2	1120	Wed	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	3-2	1120	Wed	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	3-2	1120	Wed	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	3-2	1120	Wed	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	3-2	1129	Wed	4898	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	3-2	1130	Wed	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	3-2	1130	Wed	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3-2	1133	Wed	6140	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6.	CW	(JPL)
M89	3-2	1135	Wed	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	3-2	1135	Wed	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	3-2	1406	Wed	4545	i.p. 56N7 67DT T6.4 4NTU N47A NDT3 ...	CW	(JPL)
M89	3-2	1410	Wed	5736	i.p. 3A45 46D4 544U 4637 5745 U5D4 N6T7 ...	CW	(JPL)
M89	3-2	1424	Wed	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6.	CW	(JPL)
M89	3-2	1426	Wed	4898	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	3-2	1450	Wed	3890	i.p. NT76 7DTN 4T3D TD4N A466 ...	CW	(JPL)
M89	4-2	1222	Thu	4123	i.p. UT73 5467 4TDA T5NA 46UD DNUA ... AR R QSL 2025 K R R HR 7G GA K R R MSG NR 5210 CK 61 91 0204 2020 RMKS 1259 TO 1254 K	CW	(JPL)
M89	5-2	1005	Fri	6212	CQ (x3) DE DP91 (x2) K HR NIL SK GB (x5) //7510	CW	(JPL)
M89	5-2	1005	Fri	7510	CQ (x3) DE DP91 (x2) V //6212	CW	(JPL)
M89	5-2	1022	Fri	6645	i.p. F NR 003/EX 1823 RMKS 9910 TO 9580 = ABC1/DEF2 AR AGN	CW	(JPL)
M89	5-2	1103	Fri	5714	i.p. RMKS 6970 TO 6668 K R QSL ? K U QSL 1919 K R QSL 1919 K R HR WK NR 120 K R BOZ NIL K	CW	(JPL)
M89	5-2	1108	Fri	4950	i.p. D6ND 3DUN 435D CQ QSL ? K R QSL 1909 K RR U 7G GA K OK MSG GA	CW	(JPL)
M89	5-2	1115	Fri	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	5-2	1115	Fri	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	5-2	1118	Fri	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6.	CW	(JPL)
M89	5-2	1120	Fri	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840 and 8360	CW	(JPL)

M89	5-2	1120	Fri	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840 and 8360	CW	(JPL)
M89	5-2	1120	Fri	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840 and 8360	CW	(JPL)
M89	5-2	1120	Fri	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840 and 8360	CW	(JPL)
M89	5-2	1120	Fri	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320 and 8360	CW	(JPL)
M89	5-2	1120	Fri	8360	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	5-2	1130	Fri	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5-2	1130	Fri	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	5-2	1546	Fri	3705	i.p. RPT K IEC = 5931 AR K R IEC = 1628 AR K R 7G GA K	CW	(JPL)
M89	5-2	1632	Fri	4832	i.p. CQ (x3) DE DP91 (x2) K HR NIL SK GB (x6)	CW	(JPL)
M89	5-2	2324	Fri	3565	V BSA5 (x3) DE TP4C (x2) //4718 and 6378 and 7045	CW	(JPL)
M89	5-2	2324	Fri	4718	V BSA5 (x3) DE TP4C (x2) //3565 and 6378 and 7045	CW	(JPL)
M89	5-2	2324	Fri	6378	V BSA5 (x3) DE TP4C (x2) //3565 and 4718 and 7045	CW	(JPL)
M89	5-2	2324	Fri	7045	V BSA5 (x3) DE TP4C (x2) //3565 and 4718 and 6378	CW	(JPL)
M89	5-2	2329	Fri	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6.	CW	(JPL)
M89	5-2	2330	Fri	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5-2	2330	Fri	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	6-2	1320	Sat	6320	Q2M de NYZ VVV	CW	(F5JBR)
M89	8-2	1936	Mon	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	8-2	1936	Mon	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6.	CW	(JPL)
M89	8-2	1936	Mon	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	8-2	1944	Mon	3705	i.p. R GA K HR MSG GA NR 023 CK 81 93 0209 0344 RMKS 8119 TO 9981 K	CW	(JPL)
M89	8-2	2020	Mon	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640	CW	(JPL)
M89	8-2	2020	Mon	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3580 and 5640	CW	(JPL)
M89	8-2	2020	Mon	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3580 and 4860	CW	(JPL)
M89	8-2	2030	Mon	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	8-2	2030	Mon	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	9-2	1157	Tue	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	9-2	1200	Tue	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	9-2	1200	Tue	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	10-2	1005	Wed	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	10-2	1005	Wed	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	10-2	1006	Wed	3538	i.p. NR 0226 CK 80 24 0210 1800 RMKS CQ III K GA (Both stations on this frequency)	CW	(JPL)
M89	10-2	1012	Wed	6140	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6.	CW	(JPL)
M89	10-2	1020	Wed	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320 and 6840 and 8290 and 8360 and 10640	CW	(JPL)
M89	10-2	1020	Wed	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6840 and 8290 and 8360 and 10640	CW	(JPL)
M89	10-2	1020	Wed	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 8290 and 8360 and 10640	CW	(JPL)
M89	10-2	1020	Wed	8290	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8360 and 10640	CW	(JPL)
M89	10-2	1020	Wed	8360	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8290 and 10640	CW	(JPL)
M89	10-2	1020	Wed	10640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8290 and 8360	CW	(JPL)
M89	10-2	1030	Wed	7620	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	10-2	1030	Wed	8350	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	10-2	1120	Wed	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	10-2	1120	Wed	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	10-2	1120	Wed	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	10-2	1120	Wed	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	10-2	1120	Wed	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	10-2	1130	Wed	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)

M89	10-2	1130	Wed	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	10-2	1622	Wed	3565	V BSA5 (x3) DE TP4C (x2) //5206	CW	(JPL)
M89	10-2	1622	Wed	5602	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	10-2	1632	Wed	4832	CQ (x3) DE DP91 (x2) K HR NIL SK GB (x7) //5725	CW	(JPL)
M89	10-2	1632	Wed	5725	CQ (x3) DE DP91 (x2) K HR NIL SK GB (x7) //4832	CW	(JPL)
M89	10-2	2023	Wed	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	11-2	2001	Thu	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	11-2	2004	Thu	2984	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	12-2	1115	Fri	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	12-2	1117	Fri	4718	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	12-2	1120	Fri	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	12-2	1120	Fri	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	12-2	1120	Fri	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	12-2	1120	Fri	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	12-2	1120	Fri	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	12-2	1125	Fri	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	12-2	1125	Fri	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	12-2	1130	Fri	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	12-2	1130	Fri	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	15-2	1117	Mon	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	15-2	1117	Mon	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	15-2	1120	Mon	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	15-2	1120	Mon	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	15-2	1120	Mon	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	15-2	1120	Mon	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	15-2	1120	Mon	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	15-2	1127	Mon	5449	i.p. 7NTU 34T6 6UA3 74T3 3U4T U643 3D67 ...	CW	(JPL)
M89	15-2	1130	Mon	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	15-2	1130	Mon	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	15-2	1147	Mon	4236	i.p. 36TN 4UND 74T6 DN43 UD45 ...	CW	(JPL)
M89	15-2	1738	Mon	2984	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	16-2	1119	Tue	4322	i.p. 7D3T UTD4 7D7N DU7T 7A55 NAN3 ...	CW	(JPL)
M89	16-2	1120	Tue	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	16-2	1120	Tue	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	16-2	1120	Tue	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	16-2	1120	Tue	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	16-2	1120	Tue	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	16-2	1126	Tue	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	16-2	1126	Tue	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	16-2	1127	Tue	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	16-2	1130	Tue	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	16-2	1130	Tue	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	17-2	1907	Wed	3980	i.p. 77D7 A3TU 644N UUDU ...	CW	(JPL)
M89	17-2	1916	Wed	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	17-2	1916	Wed	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	17-2	1918	Wed	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	17-2	1920	Wed	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)

M89	17-2	1920	Wed	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	17-2	1920	Wed	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	17-2	1920	Wed	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	17-2	1920	Wed	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	17-2	1930	Wed	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	17-2	1930	Wed	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	18-2	1219	Thu	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	18-2	1219	Thu	4206	i.p. T47A 7UT3 5U36 3NDA DA56 UND3 ... AR K R QSL 2035 K R U PSE SB K R OK R	CW	(JPL)
M89	18-2	1220	Thu	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	18-2	1220	Thu	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	18-2	1220	Thu	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	18-2	1220	Thu	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	18-2	1220	Thu	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	18-2	1226	Thu	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	18-2	1226	Thu	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	18-2	1230	Thu	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	18-2	1230	Thu	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	18-2	1241	Thu	6668	i.p. PQX DE NQU PQX DE NQU QSA 2 K OK	CW	(JPL)
M89	19-2	1821	Fri	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	19-2	1822	Fri	4021	V 8RVF (x3) DE 7TEF (x2)	CW	(JPL)
M89	19-2	1823	Fri	3565	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	19-2	1830	Fri	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	19-2	1830	Fri	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	23-2	1030	Tue	7620	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	23-2	1130	Tue	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	23-2	1130	Tue	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	23-2	1131	Tue	4364	i.p. F NR 5449/EX 1910 RMKS 0419 TO 0479 = A3M/O.G AR K	CW	(JPL)
M89	23-2	1203	Tue	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	23-2	1205	Tue	4037	i.p. 57N6 7U3T ...	CW	(JPL)
M89	23-2	1209	Tue	4350	i.p. R F NR 0928/EX 2006 RMKS 9110 TO 9450 = JW/PBL AR K	CW	(JPL)
M89	23-2	1219	Tue	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	23-2	1219	Tue	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	23-2	1220	Tue	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320 and 6840	CW	(JPL)
M89	23-2	1220	Tue	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6840	CW	(JPL)
M89	23-2	1220	Tue	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320	CW	(JPL)
M89	24-2	1020	Wed	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320 and 6840 and 8290 and 8360 and 10640	CW	(JPL)
M89	24-2	1020	Wed	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6840 and 8290 and 8360 and 10640	CW	(JPL)
M89	24-2	1020	Wed	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 8290 and 8360 and 10640	CW	(JPL)
M89	24-2	1020	Wed	8290	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8360 and 10640	CW	(JPL)
M89	24-2	1020	Wed	8360	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8290 and 10640	CW	(JPL)
M89	24-2	1020	Wed	10644	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8290 and 8360	CW	(JPL)
M89	24-2	1028	Wed	6140	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	24-2	1029	Wed	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	24-2	1029	Wed	4382	i.p. U775 7NT6 37AU 65TN ...	CW	(JPL)
M89	24-2	1029	Wed	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	24-2	1030	Wed	8350	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	24-2	1120	Wed	3850	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)

M89	24-2	1120	Wed	4860	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	24-2	1120	Wed	5640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	24-2	1120	Wed	6320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	24-2	1120	Wed	6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	24-2	1130	Wed	4720	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	24-2	1130	Wed	5150	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	24-2	1203	Wed	4314	i.p. NA67 UTD3 U47A 6U3D TU43 D34N ... AR	CW	(JPL)
M89	24-2	1739	Wed	3565	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	24-2	1739	Wed	4718	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	24-2	1743	Wed	4043	V L5S3 (x3) DE Z4Y6 (x2) Note: Sending Z4Q6 vice Z4Y6	CW	(JPL)
M89	25-2	1144	Thu	4348	i.p. 734N 6DAT N54N 53U3 TA5A TA5T A3D4 ...	CW	(JPL)
M89	25-2	1153	Thu	4263	i.p. R R HR 7G GA R GA NR 2034 CK 65 98 0225 1955 RMKS = 3968 TO 8385 AR K	CW	(JPL)
M89	25-2	1203	Thu	4221	i.p. IDID NR 1022 NR 1023/EX 2003 = V3TE5/HBGH AR	CW	(JPL)
M89	25-2	1236	Thu	4559	i.p. 36A6 D376 5TD3 N45N 74A3 ...	CW	(JPL)
M89a	18-2	1236	Thu	4206	Switched to voice	USB	(JPL)
M95	1-2	1053	Mon	5479	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	1-2	1053	Mon	10722	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	1-2	1140	Mon	4364	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0115 CK 342 35 0201 1608 = //8073	CW	(JPL)
M95	1-2	1140	Mon	8073	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0115 CK 342 35 0201 1608 = //4364	CW	(JPL)
M95	1-2	1150	Mon	4243	V HR MSG TO YR PSE CY NR 014 CK 49 35 0201 1556 = //9054	CW	(JPL)
M95	1-2	1150	Mon	9054	V HR MSG TO YR PSE CY NR 014 CK 49 35 0201 1556 = //4243	CW	(JPL)
M95	2-2	1628	Tue	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	2-2	1628	Tue	6936	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3-2	1138	Wed	4364	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0119 CK 293 35 0203 1630 = //8073	CW	(JPL)
M95	3-2	1138	Wed	8073	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0119 CK 293 35 0203 1630 = //4364	CW	(JPL)
M95	3-2	1150	Wed	4243	V HR MSG TO YR PSE CY NR 018 CK 73 35 0203 1522 = 5AA UTT TT3 3U6 3A4 ... //9054	CW	(JPL)
M95	3-2	1150	Wed	9054	V HR MSG TO YR PSE CY NR 018 CK 73 35 0203 1522 = 5AA UTT TT3 3U6 3A4 ... //4243	CW	(JPL)
M95	3-2	1418	Wed	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	3-2	1418	Wed	5555.5	i.p. 7G 7G = 7G 7G = = NR NR .51/CCK CK 7G 7G = = NR 052/CCK CK 19 .. 0203 RMKS	CW	(JPL)
M95	3-2	1418	Wed	6936	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3-2	1437	Wed	4917	i.p. NR 003/EX 2236 RMKS 7864 TO 7516 = AGM6/GTR5 AR AGN NR 003/EX 2236 RMKS 7864 TO 7516 =	CW	(JPL)
M95	5-2	1037	Fri	5479	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5-2	1037	Fri	10722	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5-2	1100	Fri	6666	i.p. HR MSG GA NR 008/CCK CK 199 48 0205 RMKS CQ = =	CW	(JPL)
M95	5-2	1140	Fri	4364	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0123 CK 380 35 0205 1616 = //8073	CW	(JPL)
M95	5-2	1140	Fri	8073	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0123 CK 380 35 0205 1616 = //4364	CW	(JPL)
M95	5-2	1147	Fri	4243	VVV HR 7G TO YR PSE CY NR 022 CK 48 35 0205 1552 = 5AA UTT TT5 3U6 3A4 5T7 ... //9054	CW	(JPL)
M95	5-2	1147	Fri	9054	VVV HR 7G TO YR PSE CY NR 022 CK 48 35 0205 1552 = 5AA UTT TT5 3U6 3A4 5T7 ... //4243	CW	(JPL)
M95	5-2	1644	Fri	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	5-2	1644	Fri	6936	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5-2	2349	Fri	4243	VVV HR 7G TO YR PSE CY NR 057 CK 25 35 0206 0633 = //9054	CW	(JPL)
M95	5-2	2349	Fri	9054	VVV HR 7G TO YR PSE CY NR 057 CK 25 35 0206 0633 = //4243	CW	(JPL)
M95	8-2	1942	Mon	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	8-2	1942	Mon	6936	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	9-2	1140	Tue	4364	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0133 CK 441 35 0209 1631 = //8073	CW	(JPL)
M95	9-2	1140	Tue	8073	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0133 CK 441 35 0209 1631 = //4364	CW	(JPL)
M95	9-2	1152	Tue	4243	AR A HR MSG GA NR 18 CK 137 35 0209 1555 = UTU TTN 3U6 3A4 TTU 773 35A U4T 353 4AA ...	CW	(JPL)

M95	9-2	1955	Tue	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	10-2	0959	Wed	7553	i.p. 4D3 75D 4DU 3D3 N3D 3D6 TAA 773 354 AR ZNN SK	CW	(JPL)
M95	10-2	1140	Wed	4364	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0137 CK 315 35 0210 1609 = //8073	CW	(JPL)
M95	10-2	1140	Wed	8073	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0137 CK 315 35 0210 1609 = //4364	CW	(JPL)
M95	10-2	1149	Wed	4243	VVV HR 7G TO YR PSE CY NR 032 CK 17 35 0210 1522 = 5AA UTT TAT 3A6 ...	CW	(JPL)
M95	10-2	2026	Wed	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	10-2	2026	Wed	6938	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	11-2	1958	Thu	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	11-2	1958	Thu	6936	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	12-2	1111	Fri	5479	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	12-2	1111	Fri	10722	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	12-2	1140	Fri	4364	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0143 CK 263 35 0212 1600 = //8073	CW	(JPL)
M95	12-2	1140	Fri	8073	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0143 CK 263 35 0212 1600 = //4264	CW	(JPL)
M95	12-2	1149	Fri	4243	VVV HR 7G TO YR PSE CY NR 036 CK 21 35 0212 1507 =	CW	(JPL)
M95	13-2	1745	Sat	6936	V YHxD(X3) de SAQC(X2)	CW	(F5OIH)
M95	15-2	1115	Mon	5479	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	15-2	1115	Mon	10722	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	15-2	1142	Mon	4364	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0149 CK 431 35 0215 1607 = //8073	CW	(JPL)
M95	15-2	1142	Mon	8073	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0149 CK 431 35 0215 1607 = //4364	CW	(JPL)
M95	15-2	1149	Mon	4243	VV HR 7G TO YR PSE CY NR 30 CK 227 35 0215 1530 =	CW	(JPL)
M95	15-2	1735	Mon	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	15-2	1735	Mon	6936	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	16-2	1108	Tue	5479	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	16-2	1108	Tue	10722	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	16-2	1143	Tue	4364	V BNGC (x3) DE XSV85 (x2) NR 0153 CK 516 35 0216 1638 = //8073	CW	(JPL)
M95	16-2	1143	Tue	8073	V BNGC (x3) DE XSV85 (x2) NR 0153 CK 516 35 0216 1638 = //4263	CW	(JPL)
M95	16-2	1151	Tue	9054	VVV HR MSG TO YR PSE CY NR 32 CK 141 35 0216 1526 =	CW	(JPL)
M95	17-2	1909	Wed	3968	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	17-2	1909	Wed	6936	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	23-2	1139	Tue	4364	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0181 CK 287 35 0223 1553 = //8073	CW	(JPL)
M95	23-2	1139	Tue	8073	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0181 CK 287 35 0223 1553 = //4364	CW	(JPL)
M95	23-2	1147	Tue	4243	VV HR 7G TO YR PSE CY NR 058 CK 48 35 0223 1538 =	CW	(JPL)
M95	24-2	1021	Wed	10722	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	24-2	1137	Wed	4364	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0183 CK 238 35 0224 1657 = //8073	CW	(JPL)
M95	24-2	1137	Wed	8073	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0183 CK 238 35 0224 1657 = //4364	CW	(JPL)
M95	24-2	1150	Wed	4243	VV HR 7G TO YR PSE CY NR 060 CK 36 35 0224 1540 =	CW	(JPL)
M95	25-2	1140	Thu	4364	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0185 CK 328 35 0225 1621 = //8073	CW	(JPL)
M95	25-2	1140	Thu	8073	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0185 CK 328 35 0225 1621 = //4364	CW	(JPL)
M95	25-2	1149	Thu	4243	VVV HR 7G TO YR PSE CY NR 062 CK 37 35 0225 1526 = 5AA UTT TU5 3U6 ...	CW	(JPL)
MX	6-2	0640	Sat	4557.8	Beacon P, Kaliningrad	CW	(F5JBR)
MX	9-2	0823	Tue	7508.8	Beacon P, Kaliningrad	CW	(RL)
MX	16-2	1942	Tue	3227	Beacon V	CW	(AB)
MX	16-2	1942	Tue	3657	Beacon V	CW	(AB)
MX	22-2	1714	Mon	3227	Beacon V	CW	(AB)
MX	22-2	1714	Mon	3657	Beacon V	CW	(AB)
MX	23-2	1830	Tue	3227	Beacon V	CW	(AB)
MX	23-2	1830	Tue	3657	Beacon V	CW	(AB)

MX	27-2	0725	Sat	13528.4	Beacon M, Magadan	CW	(EW)
MX	27-2	1025	Sat	13528.2	Beacon F, Vladivostok	CW	(EW)
MX	27-2	1025	Sat	13528.3	Beacon K, Petropavlovsk Kamchatskiy	CW	(EW)
MX	27-2	1030	Sat	8494.8	Beacon P, Kaliningrad	CW	(AB)
MX	27-2	1030	Sat	8494.9	Beacon S, Sevoromorsk	CW	(AB)
MX	27-2	1030	Sat	13527.7	Beacon D, Sevastopol	CW	(AB)
MX	27-2	1030	Sat	13527.9	Beacon S, Sevoromorsk	CW	(AB)
MX	27-2	1030	Sat	13528	Beacon C, Moscow	CW	(AB)
MX	27-2	1033	Sat	16331.7	Beacon D, Sevastopol	CW	(AB)
MX	27-2	1033	Sat	16332.1	Beacon A, Astrakhan	CW	(AB)
MX	27-2	1035	Sat	10871.7	Beacon D, Sevastopol	CW	(AB)
MX	27-2	1036	Sat	7508.8	Beacon P, Kaliningrad	CW	(AB)
MX	27-2	1219	Sat	10871.7	Beacon D, Sevastopol	CW	(AB)
MX	27-2	1219	Sat	10872.1	Beacon A, Astrakhan	CW	(AB)
MX	27-2	1221	Sat	7508.7	Beacon D, Sevastopol	CW	(AB)
P03e	2-2	1725	Tue	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	2-2	1730	Tue	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5-2	1440	Fri	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5-2	1445	Fri	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	7-2	1440	Sun	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	7-2	1445	Sun	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	7-2	1725	Sun	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	7-2	1730	Sun	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	9-2	1725	Tue	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	9-2	1730	Tue	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	12-2	1440	Fri	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	12-2	1445	Fri	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14-2	1440	Sun	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14-2	1445	Sun	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14-2	1725	Sun	5082	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14-2	1730	Sun	5082	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	16-2	1725	Tue	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	16-2	1730	Tue	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	19-2	1440	Fri	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	19-2	1445	Fri	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	21-2	1440	Sun	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	21-2	1445	Sun	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	21-2	1725	Sun	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	21-2	1730	Sun	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	23-2	1725	Tue	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	23-2	1730	Tue	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	26-2	1440	Fri	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	26-2	1445	Fri	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	28-2	1440	Sun	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	28-2	1445	Sun	10800	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	28-2	1725	Sun	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	28-2	1730	Sun	5082	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)

P03g	3-2	1330	Wed	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	3-2	1335	Wed	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	5-2	1330	Fri	13046	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	5-2	1335	Fri	13046	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	10-2	1330	Wed	13046	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	10-2	1335	Wed	13046	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	12-2	1330	Fri	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	12-2	1335	Fri	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	17-2	1330	Wed	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	17-2	1335	Wed	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	19-2	1330	Fri	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	19-2	1335	Fri	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	24-2	1330	Wed	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	24-2	1335	Wed	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	26-2	1330	Fri	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	26-2	1335	Fri	13046	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03h	1-2	0530	Mon	9079	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	1-2	0535	Mon	9079	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	3-2	0530	Wed	9079	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	3-2	0535	Wed	9079	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	8-2	0530	Mon	9079	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	8-2	0535	Mon	9079	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	10-2	0530	Wed	9079	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	10-2	0535	Wed	9079	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	15-2	0530	Mon	9079	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	15-2	0535	Mon	9079	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	17-2	0530	Wed	9079	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	17-2	0535	Wed	9079	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	22-2	0530	Mon	9079	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	22-2	0535	Mon	9079	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	24-2	0530	Wed	9079	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	24-2	0535	Wed	9079	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	2-2	0725	Tue	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	2-2	0730	Tue	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	2-2	0800	Tue	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	2-2	0805	Tue	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	2-2	1800	Tue	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	2-2	1810	Tue	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	3-2	0800	Wed	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	3-2	0805	Wed	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	4-2	0725	Thu	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	4-2	0730	Thu	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	4-2	1800	Thu	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	4-2	1810	Thu	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9-2	0725	Tue	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9-2	0730	Tue	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9-2	0800	Tue	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)

P03i	9-2	0805	Tue	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9-2	1800	Tue	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9-2	1810	Tue	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	10-2	0800	Wed	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	10-2	0805	Wed	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	11-2	0725	Thu	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	11-2	0730	Thu	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	11-2	1800	Thu	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	11-2	1810	Thu	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	16-2	0725	Tue	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	16-2	0730	Tue	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	16-2	0800	Tue	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	16-2	0805	Tue	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	16-2	1800	Tue	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	16-2	1810	Tue	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	17-2	0800	Wed	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	17-2	0805	Wed	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	18-2	0725	Thu	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	18-2	0730	Thu	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	18-2	1800	Thu	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	18-2	1810	Thu	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	23-2	0725	Tue	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	23-2	0730	Tue	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	23-2	0800	Tue	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	23-2	0805	Tue	14656	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	23-2	1800	Tue	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	23-2	1810	Tue	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	25-2	0725	Thu	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	25-2	0730	Thu	9052	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	25-2	1800	Thu	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	25-2	1810	Thu	6480	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03j	1-2	1830	Mon	6906	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	1-2	1835	Mon	6906	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	4-2	1830	Thu	6906	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	4-2	1835	Thu	6906	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	8-2	1830	Mon	6906	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	8-2	1835	Mon	6906	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	11-2	1830	Thu	6906	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	11-2	1835	Thu	6906	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	15-2	1830	Mon	6906	Polish intel.	QPSK 100Bd/504bp	(RL)
P03j	18-2	1830	Thu	6906	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	18-2	1835	Thu	6906	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	22-2	1830	Mon	6906	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	22-2	1835	Mon	6906	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	25-2	1830	Thu	6906	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	25-2	1835	Thu	6906	Polish intel.	QPSK 100Bd/504bp	(AB)
P03k	1-2	1410	Mon	13470	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	1-2	1415	Mon	13470	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-2	1635	Mon	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-2	1640	Mon	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-2	1140	Tue	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-2	1145	Tue	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-2	1500	Wed	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	3-2	1505	Wed	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	3-2	1600	Wed	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	3-2	1605	Wed	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-2	0505	Fri	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-2	0510	Fri	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-2	1500	Fri	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-2	1505	Fri	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-2	1635	Fri	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-2	1640	Fri	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-2	1140	Sat	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-2	1145	Sat	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-2	1320	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-2	1325	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-2	1500	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-2	1505	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-2	1600	Sat	14975	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-2	1605	Sat	14975	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-2	0500	Sun	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-2	0505	Sun	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-2	0505	Sun	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-2	0510	Sun	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-2	1320	Sun	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-2	1325	Sun	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-2	1410	Sun	13470	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-2	1415	Sun	13470	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-2	1500	Sun	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-2	1505	Sun	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-2	1410	Mon	13470	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-2	1415	Mon	13470	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-2	1635	Mon	4356	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	8-2	1640	Mon	4356	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9-2	1140	Tue	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-2	1145	Tue	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-2	1500	Wed	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-2	1505	Wed	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-2	1600	Wed	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-2	1605	Wed	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-2	0505	Fri	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-2	0510	Fri	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-2	1500	Fri	8680	Polish intel.	BPSK 100Bd/480bp	(AB/RL)
P03k	12-2	1505	Fri	8680	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	12-2	1635	Fri	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-2	1640	Fri	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13-2	0500	Sat	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-2	0505	Sat	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-2	1140	Sat	14415	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13-2	1145	Sat	14415	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13-2	1320	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-2	1325	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-2	1500	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-2	1505	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-2	1600	Sat	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13-2	1605	Sat	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-2	0500	Sun	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-2	0505	Sun	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-2	0505	Sun	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-2	0510	Sun	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-2	1320	Sun	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-2	1325	Sun	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-2	1410	Sun	13470	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14-2	1415	Sun	13470	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14-2	1500	Sun	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ/RL)
P03k	14-2	1505	Sun	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-2	1635	Mon	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-2	1640	Mon	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-2	1140	Tue	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-2	1145	Tue	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-2	1500	Wed	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-2	1505	Wed	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-2	1600	Wed	14975	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-2	1605	Wed	14975	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-2	0505	Fri	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-2	0510	Fri	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-2	1500	Fri	8680	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-2	1505	Fri	8680	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-2	1635	Fri	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	19-2	1640	Fri	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	20-2	0500	Sat	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-2	0505	Sat	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-2	1140	Sat	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-2	1145	Sat	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-2	1320	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	20-2	1325	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	20-2	1500	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-2	1505	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-2	1600	Sat	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	20-2	1605	Sat	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-2	0500	Sun	5371	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	21-2	0505	Sun	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-2	0505	Sun	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-2	0510	Sun	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-2	1320	Sun	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-2	1325	Sun	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-2	1410	Sun	13470	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-2	1415	Sun	13470	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-2	1500	Sun	8680	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	21-2	1505	Sun	8680	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	22-2	1410	Mon	13470	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	22-2	1415	Mon	13470	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	22-2	1635	Mon	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	22-2	1640	Mon	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	23-2	1140	Tue	14415	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	23-2	1145	Tue	14415	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	24-2	1500	Wed	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	24-2	1505	Wed	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	24-2	1600	Wed	14975	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	24-2	1605	Wed	14975	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	26-2	0505	Fri	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-2	0510	Fri	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-2	1500	Fri	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	26-2	1505	Fri	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	26-2	1635	Fri	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-2	1640	Fri	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	0500	Sat	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	0505	Sat	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	1140	Sat	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	1145	Sat	14415	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	1320	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	1325	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	1500	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	1505	Sat	4356	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-2	1600	Sat	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	27-2	1605	Sat	14975	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	28-2	0500	Sun	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-2	0505	Sun	5371	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-2	0505	Sun	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-2	0510	Sun	5409	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-2	1320	Sun	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	28-2	1325	Sun	4356	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	28-2	1410	Sun	13470	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	28-2	1415	Sun	13470	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	28-2	1500	Sun	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	28-2	1505	Sun	8680	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03l	3-2	1120	Wed	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	3-2	1125	Wed	9079	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	3-2	1230	Wed	5779	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	3-2	1235	Wed	5779	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5-2	1230	Fri	5779	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	5-2	1235	Fri	5779	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	6-2	0610	Sat	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	6-2	0615	Sat	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-2	0610	Sun	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-2	0615	Sun	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-2	1120	Sun	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-2	1125	Sun	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	10-2	1120	Wed	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	10-2	1125	Wed	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	10-2	1230	Wed	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	10-2	1235	Wed	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	12-2	1230	Fri	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	12-2	1235	Fri	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	13-2	0610	Sat	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-2	0615	Sat	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-2	0610	Sun	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-2	0615	Sun	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-2	1120	Sun	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-2	1125	Sun	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	17-2	1120	Wed	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	17-2	1125	Wed	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	17-2	1230	Wed	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	17-2	1235	Wed	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	19-2	1230	Fri	5779	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	19-2	1235	Fri	5779	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-2	0610	Sat	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-2	0615	Sat	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-2	0610	Sun	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-2	0615	Sun	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-2	1120	Sun	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-2	1125	Sun	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	24-2	1120	Wed	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	24-2	1125	Wed	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	24-2	1230	Wed	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	24-2	1235	Wed	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	26-2	1230	Fri	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	26-2	1235	Fri	5779	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	27-2	0610	Sat	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-2	0615	Sat	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-2	0610	Sun	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-2	0615	Sun	4356	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-2	1120	Sun	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-2	1125	Sun	9079	Polish intel.	QPSK 100Bd/464bp	(AB)
Q26	1-2	1131	Mon	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)

Q26	1-2	1131	Mon	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	1-2	1146	Mon	4243	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	1-2	1146	Mon	9054	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	3-2	1120	Wed	11527.5	3M9Z 3M9Z 3M9Z DE 9B30 9B30 9B30 QSA?	4+4 QPSK 75/3000 LSB	(DKR)
Q26	3-2	1131	Wed	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	3-2	1131	Wed	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	3-2	1142	Wed	4243	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	3-2	1142	Wed	9054	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	3-2	1225	Wed	11133.5	3M9Z 3M9Z 3M9Z DE 9B30 9B30 9B30 QSA?	4+4 QPSK 75/3000 LSB	(DKR)
Q26	5-2	1131	Fri	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	5-2	1131	Fri	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	5-2	1146	Fri	4243	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	5-2	1146	Fri	9054	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	5-2	2342	Fri	4243	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	5-2	2342	Fri	9054	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9-2	1137	Tue	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9-2	1137	Tue	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9-2	1955	Tue	6936	V YHxD (x3) DE SAQC (x2) //3968	4+4 QPSK 75/3000 LSB	(JPL)
Q26	10-2	1131	Wed	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	10-2	1131	Wed	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	10-2	1144	Wed	4243	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	12-2	1132	Fri	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	12-2	1132	Fri	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	12-2	1144	Fri	4243	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	15-2	1131	Mon	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	15-2	1131	Mon	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	15-2	1146	Mon	4243	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	16-2	0032	Tue	6252.5	JYJYJYJY HR MSG GA PSE CY 0105 91 18 0216 0827 followed by a message	4+4 QPSK 75/3000 LSB	(DKR)
Q26	16-2	1131	Tue	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	16-2	1131	Tue	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	16-2	1147	Tue	9054	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-2	1131	Tue	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-2	1131	Tue	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-2	1131	Tue	8073	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-2	1142	Tue	4243	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	24-2	1131	Wed	4364	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	24-2	1142	Wed	4243	Messages	4+4 QPSK 75/3000 LSB	(JPL)
RMv	1-2	1415	Mon	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 5146. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	2-2	1415	Tue	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 9673. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	3-2	1415	Wed	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 6516. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	4-2	1415	Thu	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 7287. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	5-2	1415	Fri	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 6693. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	8-2	1415	Mon	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 1645. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	9-2	1415	Tue	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 8573. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	10-2	1415	Wed	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi	USB	(AB)
RMv	11-2	1410	Thu	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 4418. 16 chasov 14 minut konec svyazi	USB	(AB)
RMv	12-2	1415	Fri	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 4729. 16 chasov 15 minut konec svyazi	USB	(Gwr)

RMv	24-2	1415	Wed	5045	Tsaplya Tsaplya Ya Znamya Znamya primite radiogrammu. Signal 8752. 16 chasov 15 minut konec svyazi	USB	(Gwr)
S06	4-2	0835	Thu	17440	i.p.	USB	(HFD-CHN)
S06	4-2	0930	Thu	15614	842 139 ...	USB	(HFD-CHN)
S06	5-2	1900	Fri	7553	768 768 768 00000	USB	(AB/MPJ)
S06	5-2	2000	Fri	5329	768 768 768 00000	USB	(AB)
S06	6-2	1300	Sat	8116	480 912 45 13303 85017 16590 ... 76509 47464 91755 912 45 00000	USB	(AB/MPJ-HNG/HFD)
S06	6-2	1330	Sat	5410	480 912 45 13303 85017 16590 ... 76509 47464 91755 912 45 00000	USB	(AB-RUS/MPJ-HNG/HFD)
S06	7-2	0930	Sun	10423	480 912 45 13303 85017 16590 ... 76509 47464 91755 912 45 00000	USB	(HFD)
S06	13-2	1300	Sat	8116	480 367 42 84676 22763 63948 ... 70931 67461 66089 367 42 00000	USB	(AB/MPJ)
S06	13-2	1330	Sat	5410	480 367 42 84676 22763 63948 ... 70931 67461 66089 367 42 00000	USB	(AB-RUS/MPJ)
S06	19-2	1900	Fri	7553	768 768 768 00000	USB	(AB/MPJ)
S06	19-2	2000	Fri	5329	768 768 768 00000	USB	(AB)
S06	20-2	1300	Sat	8116	480 192 44 25052 97700 01827 ... 38242 46045 16619 192 44 00000	USB	(AB)
S06	20-2	1330	Sat	5410	480 192 44 25052 97700 01827 ... 38242 46045 16619 192 44 00000	USB	(AB-RUS)
S06	27-2	1300	Sat	8116	480 365 40 56799 23172 12538 ... 99288 71561 84703 365 40 00000	USB	(AB-RUS)
S06	27-2	1330	Sat	5410	480 365 40 56799 23172 12538 ... 99288 71561 84703 365 40 00000	USB	(AB-RUS)
S06s	1-2	0630	Mon	13470	462 905 7 77821 98420 51532 56440 10597 17099 70767 905 7 00000	USB	(AB-POL)
S06s	1-2	0640	Mon	16515	462 905 7 77821 98420 51532 56440 10597 17099 70767 905 7 00000	USB	(AB-POL)
S06s	1-2	0830	Mon	8057	764 901 5 10597 23521 47660 92883 69901 901 5 00000	USB	(AB)
S06s	1-2	0840	Mon	8530	764 901 5 10597 23521 47660 92883 69901 901 5 00000	USB	(AB)
S06s	1-2	0900	Mon	14675	232 908 5 39534 17228 15636 47891 23247 908 5 00000	USB	(AB)
S06s	1-2	0910	Mon	12830	232 908 5 39534 17228 15636 47891 23247 908 5 00000	USB	(AB)
S06s	1-2	1300	Mon	8420	149 820 5 26634 14690 95590 60386 03009 820 5 00000	USB	(AB/MPJ-HNG)
S06s	1-2	1310	Mon	10635	149 820 5 26634 14690 95590 60386 03009 820 5 00000	USB	(AB/MPJ-HNG)
S06s	2-2	0600	Tue	16145	438 910 5 13621 26252 82056 44817 89106 910 5 00000	USB	(AB-POL)
S06s	2-2	0610	Tue	14240	438 910 5 13621 26252 82056 44817 89106 910 5 00000	USB	(AB-POL)
S06s	2-2	0700	Tue	5250	452 903 6 88728 34956 99271 37454 11876 22192 903 6 00000	USB	(AB-POL)
S06s	2-2	0710	Tue	6320	452 903 6 88728 34956 99271 37454 11876 22192 903 6 00000	USB	(AB-POL)
S06s	2-2	0730	Tue	7410	427 813 5 37937 16393 56723 71383 94742 813 5 00000	USB	(AB)
S06s	2-2	0740	Tue	11532	427 813 5 37937 16393 56723 71383 94742 813 5 00000	USB	(AB)
S06s	2-2	0800	Tue	11945	127 493 5 96941 56667 92632 50605 70255 493 5 00000	USB	(AB)
S06s	2-2	0810	Tue	13195	127 493 5 96941 56667 92632 50605 70255 493 5 00000	USB	(AB)
S06s	2-2	1000	Tue	6440	427 869 5 42997 94184 47374 74154 08531 869 5 00000	USB	(AB)
S06s	2-2	1010	Tue	5660	427 869 5 42997 94184 47374 74154 08531 869 5 00000	USB	(AB)
S06s	2-2	1100	Tue	5035	265 490 7 88146 57856 98835 46186 16945 80744 86200 490 7 00000	USB	(AB-POL)
S06s	2-2	1110	Tue	5975	265 490 7 88146 57856 98835 46186 16945 80744 86200 490 7 00000	USB	(AB)
S06s	3-2	0830	Wed	7062	464 978 5 06376 48057 13361 19474 34978 978 5 00000	USB	(AB-POL)
S06s	3-2	0830	Wed	9390	172 172 172 00000	USB	(Danix)
S06s	3-2	0840	Wed	9940	172 172 172 00000	USB	(Danix)
S06s	3-2	0840	Wed	10532	464 978 5 06376 48057 13361 19474 34978 978 5 00000	USB	(AB-POL)
S06s	3-2	0850	Wed	10380	172 172 172 00000	USB	(Danix)
S06s	3-2	0900	Wed	11570	172 172 172 00000	USB	(Danix)
S06s	3-2	0910	Wed	12130	172 172 172 00000	USB	(Danix)
S06s	3-2	0920	Wed	13540	172 172 172 00000	USB	(Danix)
S06s	4-2	0830	Thu	11535	172 938 5 15512 82057 56499 75604 59162 938 5 00000	USB	(AB)
S06s	4-2	0840	Thu	11830	172 938 5 15512 82057 56499 75604 59162 938 5 00000	USB	(AB)

S06s	4-2	0930	Thu	8812	698 253 7 54936 73943 22191 09721 27448 22174 96941 253 7 00000	USB	(AB)
S06s	4-2	0940	Thu	9540	698 253 7 54936 73943 22191 09721 27448 22174 96941 253 7 00000	USB	(AB)
S06s	4-2	1200	Thu	12155	175 280 6 03861 26252 60151 39237 68094 82225 280 6 00000	AM	(AB/MPJ)
S06s	4-2	1210	Thu	10920	175 280 6 03861 26252 60151 39237 68094 82225 280 6 00000	AM	(AB/MPJ)
S06s	5-2	0830	Fri	11040	156 284 7 04537 87875 47152 23486 80331 17613 74220 284 7 00000	USB	(AB)
S06s	5-2	0840	Fri	12153	156 284 7 04537 87875 47152 23486 80331 17613 74220 284 7 00000	USB	(AB)
S06s	5-2	0900	Fri	5765	239 478 5 06376 48057 13361 19747 34978 478 5 00000	USB	(AB)
S06s	5-2	0910	Fri	6315	239 478 5 06376 48057 13361 19747 34978 478 5 00000	USB	(AB)
S06s	6-2	0800	Sat	8680	132 476 5 73943 36679 05666 60982 08338 476 5 00000	USB	(AB)
S06s	6-2	0810	Sat	8260	132 476 5 73943 36679 05666 60982 08338 476 5 00000	USB	(AB)
S06s	7-2	0930	Sun	10423	480 912 45 13303 85017 16590 ... 76509 47464 91755 912 45 00000	USB	(AB-POL)
S06s	7-2	1000	Sun	8167	480 912 45 13303 85017 16590 ... 76509 47464 91755 912 45 00000	USB	(AB-RUS)
S06s	8-2	0630	Mon	13470	462 905 7 77821 98420 51532 56440 10597 17099 70767 905 7 00000	USB	(AB-POL)
S06s	8-2	0640	Mon	16515	462 905 7 77821 98420 51532 56440 10597 17099 70767 905 7 00000	USB	(AB-POL)
S06s	8-2	0830	Mon	8057	764 901 5 10597 23521 47660 92883 69901 901 5 00000	USB	(AB)
S06s	8-2	0840	Mon	8530	764 901 5 10597 23521 47660 92883 69901 901 5 00000	USB	(AB)
S06s	8-2	0900	Mon	14675	232 908 5 39534 17228 15636 47891 23247 908 5 00000	USB	(AB)
S06s	8-2	0910	Mon	12830	232 908 5 39534 17228 15636 47891 23247 908 5 00000	USB	(AB)
S06s	8-2	1300	Mon	8420	149 820 5 26634 14690 95590 60386 03009 820 5 00000	USB	(AB/MPJ)
S06s	8-2	1310	Mon	10635	149 820 5 26634 14690 95590 60386 03009 820 5 00000	USB	(AB/MPJ)
S06s	9-2	0700	Tue	5250	452 903 6 88728 34956 99271 37454 11876 22192 903 6 00000	USB	(AB)
S06s	9-2	0710	Tue	6320	452 903 6 88728 34956 99271 37454 11876 22192 903 6 00000	USB	(AB)
S06s	9-2	0730	Tue	7410	427 813 5 37937 16393 56723 71383 94742 813 5 00000	USB	(AB)
S06s	9-2	0740	Tue	11532	427 813 5 37937 16393 56723 71383 94742 813 5 00000	USB	(AB)
S06s	9-2	0800	Tue	11945	127 493 5 96941 56667 92632 50605 70255 493 5 00000	USB	(AB)
S06s	9-2	0810	Tue	13195	127 493 5 96941 56667 92632 50605 70255 493 5 00000	USB	(AB)
S06s	9-2	1000	Tue	6440	427 869 5 42997 94184 47374 74154 08531 869 5 00000	USB	(AB)
S06s	9-2	1010	Tue	5660	427 869 5 42997 94184 47374 74154 08531 869 5 00000	USB	(AB)
S06s	9-2	1100	Tue	5035	265 490 7 88146 57856 98835 46186 16945 80744 86200 490 7 00000	USB	(AB-POL)
S06s	9-2	1110	Tue	5975	265 490 7 88146 57856 98835 46186 16945 80744 86200 490 7 00000	USB	(AB)
S06s	10-2	0830	Wed	7062	464 978 5 06376 48057 13361 19474 34978 978 5 00000	USB	(AB)
S06s	10-2	0840	Wed	10532	464 978 5 06376 48057 13361 19474 34978 978 5 00000	USB	(AB)
S06s	11-2	0830	Thu	11535	172 938 5 15512 82057 56499 75604 59162 938 5 00000	USB	(AB)
S06s	11-2	0840	Thu	11830	172 938 5 15512 82057 56499 75604 59162 938 5 00000	USB	(AB)
S06s	11-2	0930	Thu	8812	698 253 7 54936 73943 22191 09721 27448 22174 96941 253 7 00000	USB	(AB)
S06s	11-2	0940	Thu	9540	698 253 7 54936 73943 22191 09721 27448 22174 96941 253 7 00000	USB	(AB)
S06s	11-2	1200	Thu	12155	175 280 6 03861 26252 60151 39237 68094 82225 280 6 00000	AM	(AB/MPJ)
S06s	11-2	1210	Thu	10920	175 280 6 03861 26252 60151 39237 68094 82225 280 6 00000	AM	(AB/MPJ)
S06s	12-2	0830	Fri	11040	156 284 7 04537 87875 47152 23486 80331 17613 74220 284 7 00000	USB	(AB)
S06s	12-2	0840	Fri	12153	156 284 7 04537 87875 47152 23486 80331 17613 74220 284 7 00000	USB	(AB)
S06s	12-2	0900	Fri	5765	239 478 5 06376 48057 13361 19747 34978 478 5 00000	USB	(AB)
S06s	12-2	0910	Fri	6315	239 478 5 06376 48057 13361 19747 34978 478 5 00000	USB	(AB)
S06s	14-2	0930	Sun	10423	480 367 42 84676 22763 63948 ... 70931 67461 66089 367 42 00000	USB	(AB)
S06s	14-2	1000	Sun	8167	480 367 42 84676 22763 63948 ... 70931 67461 66089 367 42 00000	USB	(AB)
S06s	15-2	0630	Mon	13470	462 910 5 53516 25616 56069 96813 14192 910 5 00000	USB	(AB-POL)
S06s	15-2	0640	Mon	16515	462 910 5 53516 25616 56069 96813 14192 910 5 00000	USB	(AB-POL)
S06s	15-2	0830	Mon	8057	764 298 5 33796 13577 74526 46647 79302 298 5 00000	USB	(AB/RL)

S06s	15-2	0840	Mon	8530	764 298 5 33796 13577 74526 46647 79302 298 5 00000	USB	(AB/RL)
S06s	15-2	0900	Mon	14675	232 918 5 88620 58069 61732 74537 57440 918 5 00000	USB	(AB-POL)
S06s	15-2	0910	Mon	12830	232 918 5 88620 58069 61732 74537 57440 918 5 00000	USB	(AB)
S06s	15-2	1300	Mon	8420	149 528 6 39544 17228 15636 47891 23247 17099 528 6 00000	USB	(AB/MPJ-HNG)
S06s	15-2	1310	Mon	10635	149 528 6 39544 17228 15636 47891 23247 17099 528 6 00000	USB	(AB/MPJ-HNG)
S06s	16-2	0700	Tue	5250	452 831 6 96320 46793 53038 76342 15009 34140 831 6 00000	USB	(AB-POL)
S06s	16-2	0710	Tue	6320	452 831 6 96320 46793 53038 76342 15009 34140 831 6 00000	USB	(AB)
S06s	16-2	0730	Tue	7410	427 936 5 51736 25910 56281 63156 05371 936 5 00000	USB	(AB)
S06s	16-2	0740	Tue	11532	427 936 5 51736 25910 56281 63156 05371 936 5 00000	USB	(AB)
S06s	16-2	0800	Tue	11945	127 860 5 42036 01653 15521 53006 61135 860 5 00000	USB	(AB-POL)
S06s	16-2	0810	Tue	13195	127 860 5 42036 01653 15521 53006 61135 860 5 00000	USB	(AB)
S06s	16-2	1000	Tue	6440	427 508 6 69901 77233 61736 08531 34694 78927 508 6 00000	USB	(AB)
S06s	16-2	1010	Tue	5660	427 508 6 69901 77233 61736 08531 34694 78927 508 6 00000	USB	(AB-POL)
S06s	16-2	1100	Tue	5035	265 913 7 14600 92918 03981 68090 77169 46647 16070 913 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	16-2	1110	Tue	5975	265 913 7 14600 92918 03981 68090 77169 46647 16070 913 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	17-2	0830	Wed	7062	464 910 5 53516 25616 26509 26813 14199 910 5 00000	USB	(AB)
S06s	17-2	0840	Wed	10532	464 910 5 53516 25616 26509 26813 14199 910 5 00000	USB	(AB)
S06s	18-2	0830	Thu	11535	172 935 6 16945 80744 86292 84706 74154 08531 935 6 00000	USB	(AB)
S06s	18-2	0840	Thu	11830	172 935 6 16945 80744 86292 84706 74154 08531 935 6 00000	USB	(AB)
S06s	18-2	0930	Thu	8812	698 254 7 01405 15003 24357 60583 54545 50128 99477 254 7 00000	USB	(AB)
S06s	18-2	0940	Thu	9540	698 254 7 01405 15003 24357 60583 54545 50128 99477 254 7 00000	USB	(AB)
S06s	18-2	1200	Thu	12155	175 902 6 11536 88280 84116 53718 78927 34694 902 6 00000	AM	(AB/MPJ)
S06s	18-2	1210	Thu	10920	175 902 6 11536 88280 84116 53718 78927 34694 902 6 00000	AM	(AB/MPJ)
S06s	19-2	0830	Fri	11040	156 894 7 33796 13577 74526 46647 79325 53516 25616 894 7 00000	USB	(AB)
S06s	19-2	0840	Fri	12153	156 894 7 33796 13577 74526 46647 79325 53516 25616 894 7 00000	USB	(AB)
S06s	19-2	0900	Fri	5765	239 870 6 46062 68672 9478 39685 30485 96632 870 6 00000	USB	(AB)
S06s	19-2	0910	Fri	6315	239 870 6 46062 68672 9478 39685 30485 96632 870 6 00000	USB	(AB)
S06s	21-2	0930	Sun	10423	480 192 44 25052 97700 01827 ... 38242 46045 16619 192 44 00000	USB	(AB)
S06s	21-2	1000	Sun	8167	480 192 44 25052 97700 01827 ... 38242 46045 16619 192 44 00000	USB	(AB)
S06s	22-2	0630	Mon	13470	462 910 5 53516 25616 56069 96813 14192 910 5 00000	USB	(AB-POL)
S06s	22-2	0640	Mon	16515	462 910 5 53516 25616 56069 96813 14192 910 5 00000	USB	(AB-POL)
S06s	22-2	0830	Mon	8057	764 298 5 33796 13577 74526 46647 79302 298 5 00000	USB	(AB)
S06s	22-2	0840	Mon	8530	764 298 5 33796 13577 74526 46647 79302 298 5 00000	USB	(AB)
S06s	22-2	0900	Mon	14675	232 918 5 88620 58069 61732 74537 57440 918 5 00000	USB	(AB-POL)
S06s	22-2	0910	Mon	12830	232 918 5 88620 58069 61732 74537 57440 918 5 00000	USB	(AB-POL)
S06s	22-2	1300	Mon	8420	149 528 6 39544 17228 15636 47891 23247 17099 528 6 00000	USB	(AB/MPJ)
S06s	22-2	1310	Mon	10635	149 528 6 39544 17228 15636 47891 23247 17099 528 6 00000	USB	(AB/MPJ)
S06s	23-2	0600	Tue	16145	438 961 5 05899 50387 45847 23013 89758 961 5 00000	USB	(AB-POL)
S06s	23-2	0610	Tue	14240	438 961 5 05899 50387 45847 23013 89758 961 5 00000	USB	(AB-POL)
S06s	23-2	0700	Tue	5250	452 831 6 96320 46793 53038 76342 15009 34140 831 6 00000	USB	(AB-POL)
S06s	23-2	0710	Tue	6320	452 831 6 96320 46793 53038 76342 15009 34140 831 6 00000	USB	(AB)
S06s	23-2	0730	Tue	7410	427 936 5 51736 25910 56281 63156 05371 936 5 00000	USB	(AB)
S06s	23-2	0740	Tue	11532	427 936 5 51736 25910 56281 63156 05371 936 5 00000	USB	(AB)
S06s	23-2	0800	Tue	11945	127 860 5 42036 01653 15521 53006 61135 860 5 00000	USB	(AB-POL)
S06s	23-2	0810	Tue	13195	127 860 5 42036 01653 15521 53006 61135 860 5 00000	USB	(AB)
S06s	23-2	1000	Tue	6440	427 508 6 69901 77233 61736 08531 34694 78927 508 6 00000	USB	(AB)
S06s	23-2	1010	Tue	5660	427 508 6 69901 77233 61736 08531 34694 78927 508 6 00000	USB	(AB-POL)

S06s	23-2	1100	Tue	5035	265 913 7 14600 92918 03981 68090 77169 46647 16070 913 7 00000	USB	(AB-POL)
S06s	23-2	1110	Tue	5975	265 913 7 14600 92918 03981 68090 77169 46647 16070 913 7 00000	USB	(AB-POL)
S06s	24-2	0830	Wed	7062	464 910 5 53516 25616 26509 26813 14199 910 5 00000	USB	(AB)
S06s	24-2	0840	Wed	10532	464 910 5 53516 25616 26509 26813 14199 910 5 00000	USB	(AB)
S06s	25-2	0830	Thu	11535	172 935 6 16945 80744 86292 84706 74154 08531 935 6 00000	USB	(AB)
S06s	25-2	0840	Thu	11830	172 935 6 16945 80744 86292 84706 74154 08531 935 6 00000	USB	(AB)
S06s	25-2	0930	Thu	8812	698 254 7 01405 15003 24357 60583 54545 50128 99477 254 7 00000	USB	(AB)
S06s	25-2	0940	Thu	9540	698 254 7 01405 15003 24357 60583 54545 50128 99477 254 7 00000	USB	(AB)
S06s	25-2	1200	Thu	12155	175 902 6 11536 88280 84116 53718 78927 34694 902 6 00000	AM	(AB/MPJ)
S06s	25-2	1210	Thu	10920	175 902 6 11536 88280 84116 53718 78927 34694 902 6 00000	AM	(AB/MPJ)
S06s	26-2	0830	Fri	11040	156 894 7 33796 13577 74526 46647 79325 53516 25616 894 7 00000	USB	(AB)
S06s	26-2	0840	Fri	12153	156 894 7 33796 13577 74526 46647 79325 53516 25616 894 7 00000	USB	(AB)
S06s	26-2	0900	Fri	5765	239 870 6 46062 68672 9478 39685 30485 96632 870 6 00000	USB	(AB)
S06s	26-2	0910	Fri	6315	239 870 6 46062 68672 9478 39685 30485 96632 870 6 00000	USB	(AB)
S06s	28-2	0930	Sun	10423	480 365 40 56799 23172 12538 ... 99288 71561 84703 365 40 00000	USB	(AB)
S06s	28-2	1000	Sun	8167	480 365 40 56799 23172 12538 ... 99288 71561 84703 365 40 00000	USB	(AB)
S11a	1-2	0510	Mon	9057	654/00	USB	(AB)
S11a	1-2	0700	Mon	9050	479/40 Vnimanaye 19336 63838 95895 ... 58312 23910 42865 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	1-2	0915	Mon	6252	484/00	USB	(AB)
S11a	2-2	1020	Tue	8102	420/32 Vnimanaye 98960 88232 59734 ... 98687 43930 43619 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	3-2	0510	Wed	9057	650/00	USB	(AB)
S11a	3-2	1850	Wed	11486	286/00	USB	(AB/MPJ)
S11a	4-2	0700	Thu	9050	479/40 Vnimanaye 19336 63838 95895 ... 58312 23910 42865 Vnimanaye (message repeated) Konets	USB	(AB/PP1)
S11a	5-2	0915	Fri	6252	481/00	USB	(AB)
S11a	5-2	1020	Fri	8102	420/32 Vnimanaye 98960 88232 59734 ... 98687 43930 43619 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	5-2	1135	Fri	5371	377/00	USB	(AB)
S11a	6-2	1850	Sat	11486	281/00	USB	(AB/MPJ)
S11a	8-2	0510	Mon	9057	651/00	USB	(AB)
S11a	8-2	0700	Mon	9050	475/00	USB	(AB)
S11a	8-2	0915	Mon	6252	484/00	USB	(AB/HFD)
S11a	9-2	1020	Tue	8102	424/00	USB	(AB)
S11a	10-2	0510	Wed	9057	659/00	USB	(AB)
S11a	10-2	1135	Wed	5371	379/00	USB	(AB)
S11a	10-2	1850	Wed	11486	284/00	USB	(AB/MPJ)
S11a	12-2	0915	Fri	6252	483/00	USB	(AB)
S11a	12-2	1020	Fri	8102	420/00	USB	(AB)
S11a	12-2	1135	Fri	5371	370/00	USB	(AB/MPJ)
S11a	13-2	1850	Sat	11486	282/00	USB	(AB-POL/MPJ)
S11a	15-2	0510	Mon	9057	652/37 Vnimanaye 44983 88150 49188 ... 82197 80322 44397 Vnimanaye (messgae repeated) Konets	USB	(AB)
S11a	15-2	0700	Mon	9050	472/00	USB	(AB)
S11a	15-2	0915	Mon	6252	486/33 Vnimanaye 99315 87953 63813 ... 64735 61297 05349 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	16-2	1020	Tue	8102	425/00	USB	(AB)
S11a	17-2	0510	Wed	9057	652/37 Vnimanaye 44983 88150 49188 ... 82197 80322 44397 Vnimanaye (messgae repeated) Konets	USB	(AB)
S11a	17-2	1135	Wed	5371	379/00	USB	(MPJ)
S11a	17-2	1850	Wed	11486	285/34 Vnimanaye 22796 33673 10238 ... 58852 95228 68531 Vnimanaye (message repeated) Konets	USB	(AB-POL/MPJ)
S11a	18-2	0700	Thu	9050	479/00	USB	(AB)
S11a	19-2	0915	Fri	6252	486/33 Vnimanaye 99315 87953 63813 ... 64735 61297 05349 Vnimanaye (message repeated) Konets	USB	(AB)

S11a	19-2	1020	Fri	8102	425/00	USB	(AB)
S11a	19-2	1135	Fri	5371	373/00	USB	(AB/MPJ-POL)
S11a	20-2	1850	Sat	11486	285/34 Vnimanije 22796 33673 10238 ... 58852 95228 68531 Vnimanije (message repeated) Konets	USB	(AB-POL/MPJ)
S11a	22-2	0510	Mon	9057	655/00	USB	(AB)
S11a	22-2	0700	Mon	9050	472/00	USB	(AB/F5JBR)
S11a	22-2	0915	Mon	6252	485/00	USB	(AB)
S11a	23-2	0920	Tue	13873	383/32 Vnimanije 41690 01979 32533 ... 16711 22210 77176 Vnimanije (message repeated) Konets	USB	(Danix)
S11a	23-2	1020	Tue	8102	429/00	USB	(AB)
S11a	24-2	0510	Wed	9057	651/00	USB	(AB)
S11a	24-2	1135	Wed	5371	373/34 Vnimanije 61490 66503 28267 ... 37558 93772 03921 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	24-2	1850	Wed	11486	281/00	USB	(AB-POL/MPJ-POL)
S11a	25-2	0700	Thu	9050	471/00	USB	(AB)
S11a	25-2	0920	Thu	13873	383/32 Vnimanije 41690 01979 32533 ... 16711 22210 77176 Vnimanije (message repeated) Konets	USB	(AB)
S11a	26-2	0915	Fri	6252	486/00	USB	(AB)
S11a	26-2	1020	Fri	8102	422/00	USB	(AB)
S11a	26-2	1135	Fri	5371	373/34 Vnimanije 61490 66503 28267 ... 37558 93772 03921 Vnimanije (message repeated) Konets	USB	(AB/MPJ-POL)
S11a	27-2	1850	Sat	11486	288/00	USB	(AB-POL)
S28	18-2	1345	Thu	4625	NZhTI 98774 SKAZANIE 2959 5264	USB	(Gwr)
S28	25-2	1115	Thu	4625	ODVR YFUG 77761 26241 VYeSYeL'Ye 7202 6932 PUPSOSKOT 1701 1440	USB	(Gwr)
S30	18-2	1344	Thu	5448	JVB1 91691 ZONTOVYJ 3988 0782 //6913 kHz	USB	(Gwr)
S30	18-2	1344	Thu	6913	JVB1 91691 ZONTOVYJ 3988 0782 //5448 kHz	USB	(Gwr)
S30	25-2	1116	Thu	5448	JVB1 80789 GAKOHIOS 2650 4028 BYeZhYeNKA 6076 8803	USB	(Gwr)
S30	25-2	1144	Thu	5448	JVB1 40734 NITOKNUT 2974 9768	USB	(Gwr)
S32	18-2	1347	Thu	5473	Al'fa-45 38186 VYeTROHVAT 7570 4426	USB	(Gwr)
S32	25-2	1144	Thu	5473	Al'fa-45 80166 ROMB 9659 1819	USB	(Gwr)
UM10	2-2	1659	Tue	4112	10-minutes net: U34D	CW	(JPL-RUS)
UM10	5-2	1614	Fri	4310	10-minutes net: JZZN	CW	(JPL-RUS)
UM10	19-2	1845	Fri	6980	10-minutes net: VI4T	CW	(JPL-HK)
V07	7-2	0100	Sun	15874	878 878 878 1 272 102 272 102 66127 60123 91209 ... 36722 24778 13767 000 000	USB	(Dan)
V07	7-2	0120	Sun	14774	878 878 878 1 272 102 272 102 66127 60123 91209 ... 36722 24778 13767 000 000	USB	(Dan)
V07	7-2	0140	Sun	13874	878 878 878 1 272 102 272 102 66127 60123 91209 ... stopped after 45 groups	USB	(Dan)
V07	14-2	0100	Sun	15874	878 878 878 1 342 104 342 104 57856 97379 12267 ... 37319 66970 21347 000 000	USB	(Dan)
V07	14-2	0120	Sun	14774	878 878 878 1 342 104 342 104 57856 97379 12267 ... 37319 66970 21347 000 000	USB	(Dan)
V07	14-2	0140	Sun	13874	878 878 878 1 342 104 342 104 57856 97379 12267 ... 37319 66970 21347 000 000	USB	(Dan)
V07	21-2	0100	Sun	15874	878 878 878 1 7692 128 7692 128 43536 22362 57941 ... 51272 72799 71456 000 000	USB	(Dan)
V07	21-2	0120	Sun	14774	878 878 878 1 7692 128 7692 128 43536 22362 57941 ... 51272 72799 71456 000 000	USB	(Dan)
V07	21-2	0140	Sun	13874	878 878 878 1 7692 128 7692 128 43536 22362 57941 ... 51272 72799 71456 000 000	USB	(Dan)
V07	28-2	0100	Sun	15874	878 878 878 1 3349 126 3349 126 97748 61986 70379 ... 31147 41501 82424 000 000	USB	(Dan)
V07	28-2	0120	Sun	14774	878 878 878 1 3349 126 3349 126 97748 61986 70379 ... 31147 41501 82424 000 000	USB	(Dan)
V07	28-2	0140	Sun	13874	878 878 878 1 3349 126 3349 126 97748 61986 70379 ... 31147 41501 82424 000 000	USB	(Dan)
V26	1-2	1130	Mon	4364	XSV85: callup in Chinese voice //8073	USB	(JPL)
V26	1-2	1130	Mon	8073	XSV85: callup in Chinese voice //4364	USB	(JPL)
V26	3-2	1130	Wed	4364	XSV85: callup in Chinese voice //8073	USB	(JPL)
V26	3-2	1130	Wed	8073	XSV85: callup in Chinese voice //4364	USB	(JPL)
V26	5-2	1130	Fri	4364	XSV85: calup in Chinese voice //8073	USB	(JPL)
V26	5-2	1130	Fri	8073	XSV85: calup in Chinese voice //4364	USB	(JPL)
V26	5-2	2340	Fri	4243	Callup in Chinese voice //9054	USB	(JPL)

V26	5-2	2340	Fri	9054	Callup in Chinese voice //4243	USB	(JPL)
V26	10-2	1130	Wed	4364	XSV85 callup in Chinese voice //8073	USB	(JPL)
V26	10-2	1130	Wed	8073	XSV85 callup in Chinese voice //4364	USB	(JPL)
V26	15-2	1130	Mon	4364	XSV85 callup in Chinese voice //8073	USB	(JPL)
V26	15-2	1130	Mon	8073	XSV85 callup in Chinese voice //4364	USB	(JPL)
V26	23-2	1130	Tue	4364	XSV85 callup in Chinese voice //8073	USB	(JPL)
V26	23-2	1130	Tue	8073	XSV85 callup in Chinese voice //4364	USB	(JPL)
V26	24-2	1130	Wed	4364	XSV85 callup in Chinese voice //8073	USB	(JPL)
V26	24-2	1130	Wed	8073	XSV85 callup in Chinese voice //4364	USB	(JPL)
V28	3-2	0904	Wed	3049	Parrot. Messages in Korean. Male operator	AM	(HK)
V28	3-2	0904	Wed	3524	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	3-2	0904	Wed	5145	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	4-2	2100	Thu	2996	Parrot. Messages in Korean. Male operator	AM	(HK)
V28	4-2	2100	Thu	3050	Parrot. Messages in Korean	AM	(HK)
V28	4-2	2100	Thu	4500	Parrot. Messages in Korean	AM	(HK)
V28	4-2	2100	Thu	4944	Parrot. Messages in Korean. Female operator	AM	(HK)
V28	15-2	2106	Mon	2997	Parrot. Message in Korean	AM	(HK)
V28	15-2	2106	Mon	3050	Parrot. Message in Korean	AM	(HK)
V28	15-2	2106	Mon	4497	Parrot. Message in Korean	AM	(HK)
V28	15-2	2106	Mon	4949	Parrot. Message in Korean	AM	(HK)
V28	28-2	2100	Sun	2997	Parrot. Message in Korean	AM	(HK)
V28	28-2	2100	Sun	3047	Parrot. Message in Korean. Male operator	AM	(HK)
V28	28-2	2100	Sun	4497	Parrot. Message in Korean. Moved to 4499 kHz	AM	(HK)
VC03	17-2	1430	Wed	4401	Chinese Air Defense reading bearings	USB	(SW2-KOR)
X06	1-2	0830	Mon	11562	MFA Moscow clg 432516 Russian embassy Bern	MFSK-6	(DMS)
X06	1-2	0913	Mon	14392	MFA Moscow clg 532614 Russian embassy Paris	MFSK-6	(DMS)
X06	2-2	0853	Tue	12157	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-6	(DMS)
X06	2-2	0918	Tue	18206	MFA Moscow clg 246531: Russian embassy Accra	MFSK-6	(DMS)
X06	2-2	0930	Tue	16103	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(DMS)
X06	2-2	0935	Tue	13401	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(DMS)
X06	2-2	1153	Tue	16188	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(DMS)
X06	4-2	0930	Thu	16103	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(RR)
X06	5-2	0920	Fri	16219	MFA Moscow clg 324615: Russian embassy Madrid	MFSK-6	(RR)
X06	5-2	1000	Fri	12215	MFA Moscow clg 361245: Russian embassy Copenhagen	MFSK-6	(DMS)
X06	5-2	1019	Fri	13547	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(DMS)
X06	8-2	0903	Mon	11424	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(DMS)
X06	8-2	0932	Mon	12223	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(DMS)
X06	8-2	0940	Mon	14871	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(RR)
X06	8-2	0950	Mon	10372	MFA Moscow clg 431625: Russian embassy Warsaw	MFSK-6	(DMS)
X06	9-2	1012	Tue	12100	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(DMS)
X06	9-2	1017	Tue	17470	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(DMS)
X06	10-2	0732	Wed	18591	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(DMS)
X06	10-2	0758	Wed	18177	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(DMS)
X06	10-2	1008	Wed	10214	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(DMS)
X06	15-2	0822	Mon	11158	MFA Moscow clg 263514: unid embassy	MFSK-6	(Hutch)
X06	17-2	1400	Wed	11467	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(RR)
X06	27-2	1012	Sat	13985	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(AB)

X06b	17-2	1826	Wed	6941	Dashes with the length of 6x tone 6 before M12	CW	(AB)
XPA1	2-2	0810	Tue	13397	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB/HFD)
XPA1	2-2	0830	Tue	14413	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB/HFD)
XPA1	2-2	0850	Tue	15972	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB/HFD)
XPA1	3-2	1310	Wed	14374	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB)
XPA1	3-2	1330	Wed	13374	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB)
XPA1	3-2	1350	Wed	11474	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB)
XPA1	4-2	0810	Thu	13397	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB)
XPA1	4-2	0830	Thu	14413	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB)
XPA1	4-2	0850	Thu	15972	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB)
XPA1	5-2	1310	Fri	14374	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/HFD)
XPA1	5-2	1330	Fri	13374	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/HFD)
XPA1	5-2	1350	Fri	11474	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/HFD)
XPA1	9-2	0810	Tue	13397	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB/RL)
XPA1	9-2	0830	Tue	14413	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB)
XPA1	9-2	0850	Tue	15972	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB)
XPA1	10-2	1310	Wed	14374	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/MPJ)
XPA1	10-2	1330	Wed	13374	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/MPJ)
XPA1	10-2	1350	Wed	11474	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/MPJ)
XPA1	11-2	0810	Thu	13397	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB)
XPA1	11-2	0830	Thu	14413	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB)
XPA1	11-2	0850	Thu	15972	143 143 143 1 06450 00098 42817 ... 34332 49467 16164	MFSK-20/10Bd	(AB)
XPA1	12-2	1310	Fri	14374	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/MPJ)
XPA1	12-2	1330	Fri	13374	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/MPJ/RL)
XPA1	12-2	1350	Fri	11474	334 334 334 1 00511 00096 21847 ... 17290 56809 70227	MFSK-20/10Bd	(AB/MPJ)
XPA1	16-2	0810	Tue	13397	143 143 143 000 08734 00001 00000 36663	MFSK-20/10Bd	(AB/RL)
XPA1	16-2	0830	Tue	14413	143 143 143 000 08734 00001 00000 36663	MFSK-20/10Bd	(AB)
XPA1	16-2	0850	Tue	15972	143 143 143 000 08734 00001 00000 36663	MFSK-20/10Bd	(AB)
XPA1	17-2	1310	Wed	14374	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	17-2	1330	Wed	13374	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ/RL)
XPA1	17-2	1350	Wed	11474	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	18-2	0810	Thu	13397	143 143 143 000 08287 00001 00000 35670	MFSK-20/10Bd	(AB/RL)
XPA1	18-2	0830	Thu	14413	143 143 143 000 08287 00001 00000 35670	MFSK-20/10Bd	(AB/RL)
XPA1	18-2	0850	Thu	15972	143 143 143 000 08287 00001 00000 35670	MFSK-20/10Bd	(AB/RL)
XPA1	19-2	1310	Fri	14374	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	19-2	1330	Fri	13374	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	19-2	1350	Fri	11474	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	23-2	0810	Tue	13397	143 143 143 000 08448 00001 00000 37264	MFSK-20/10Bd	(AB)
XPA1	23-2	0830	Tue	14413	143 143 143 000 08448 00001 00000 37264	MFSK-20/10Bd	(AB-RUS)
XPA1	23-2	0850	Tue	15972	143 143 143 000 08448 00001 00000 37264	MFSK-20/10Bd	(AB-RUS)
XPA1	24-2	1310	Wed	14374	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	24-2	1330	Wed	13374	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	24-2	1350	Wed	11474	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	25-2	0810	Thu	13397	143 143 143 000 06335 00001 00000 35261	MFSK-20/10Bd	(AB-POL)
XPA1	25-2	0830	Thu	14413	143 143 143 000 06335 00001 00000 35261	MFSK-20/10Bd	(AB-POL_
XPA1	25-2	0850	Thu	15972	143 143 143 000 06335 00001 00000 35261	MFSK-20/10Bd	(AB-POL)
XPA1	26-2	1310	Fri	14374	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)

XPA1	26-2	1330	Fri	13374	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA1	26-2	1350	Fri	11474	334 334 334 1 07392 00128 31158 ... 91707 88593 06713	MFSK-20/10Bd	(AB/MPJ)
XPA2	1-2	0800	Mon	13387	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB/HFD)
XPA2	1-2	0820	Mon	13887	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB/HFD)
XPA2	1-2	0840	Mon	14787	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB/HFD)
XPA2	1-2	0910	Mon	16102	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB/HFD)
XPA2	1-2	0930	Mon	14951	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB/HFD)
XPA2	1-2	0950	Mon	13991	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB/HFD)
XPA2	1-2	1600	Mon	11461	00470 00177 00713 ... 00372 34564 11430	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	1-2	1620	Mon	10261	00470 00177 00713 ... 00372 34564 11430	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	1-2	1640	Mon	9161	00470 00177 00713 ... 00372 34564 11430	MFSK-16/20Bd	(AB/MPJ.HFD)
XPA2	2-2	1100	Tue	12147	05490 00161 45678 ... 35029 02921 22750	MFSK-16/20Bd	(AB/HFD)
XPA2	2-2	1120	Tue	10347	05490 00161 45678 ... 35029 02921 22750	MFSK-16/20Bd	(AB/HFD)
XPA2	2-2	1140	Tue	9247	05490 00161 45678 ... 35029 02921 22750	MFSK-16/20Bd	(AB/HFD)
XPA2	2-2	1200	Tue	11163	00373 00164 82141 ... 36330 73001 20205	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	2-2	1220	Tue	13363	00373 00164 82141 ... 36330 73001 20205	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	2-2	1240	Tue	14563	00373 00164 82141 ... 36330 73001 20205	MFSK-16/20Bd	(AB/HFD)
XPA2	2-2	1600	Tue	12173	00403 00235 37590 ... 85476 16198 70371	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-2	1620	Tue	10373	00403 00235 37590 ... 85476 16198 70371	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-2	1640	Tue	9373	00403 00235 37590 ... 85476 16198 70371	MFSK-16/20Bd	(AB/MPJ)
XPA2	3-2	0800	Wed	13387	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB)
XPA2	3-2	0820	Wed	13887	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB)
XPA2	3-2	0840	Wed	14787	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB)
XPA2	3-2	0910	Wed	16102	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB)
XPA2	3-2	0930	Wed	14951	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB)
XPA2	3-2	0950	Wed	13991	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB/RL)
XPA2	3-2	1100	Wed	13967	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/RL)
XPA2	3-2	1120	Wed	13367	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/RL)
XPA2	3-2	1140	Wed	11567	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/RL)
XPA2	3-2	1200	Wed	11575	07091 00188 56678 ... 21608 82786 53315	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	3-2	1220	Wed	13375	07091 00188 56678 ... 21608 82786 53315	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	3-2	1240	Wed	13975	07091 00188 56678 ... 21608 82786 53315	MFSK-16/20Bd	(AB/MPJ)
XPA2	4-2	0910	Thu	16146	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB/HFD)
XPA2	4-2	0930	Thu	15846	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB/HFD)
XPA2	4-2	0950	Thu	14446	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB/HFD)
XPA2	4-2	1100	Thu	13967	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/HFD)
XPA2	4-2	1120	Thu	13367	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/HFD)
XPA2	4-2	1140	Thu	11567	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/HFD)
XPA2	4-2	1600	Thu	12173	00403 00235 37590 ... 85476 16198 70371	MFSK-16/20Bd	(AB/HFD)
XPA2	4-2	1620	Thu	10373	00403 00235 37590 ... 85476 16198 70371	MFSK-16/20Bd	(AB/HFD)
XPA2	4-2	1640	Thu	9373	00403 00235 37590 ... 85476 16198 70371	MFSK-16/20Bd	(AB/HFD)
XPA2	5-2	1100	Fri	12147	05490 00161 45678 ... 35029 02921 22750	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-2	1120	Fri	10347	05490 00161 45678 ... 35029 02921 22750	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-2	1140	Fri	9247	05490 00161 45678 ... 35029 02921 22750	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-2	1200	Fri	11575	07091 00188 56678 ... 21608 82786 53315	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	5-2	1220	Fri	13375	07091 00188 56678 ... 21608 82786 53315	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	5-2	1240	Fri	13975	07091 00188 56678 ... 21608 82786 53315	MFSK-16/20Bd	(AB/MPJ/HFD)

XPA2	6-2	0910	Sat	16146	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB)
XPA2	6-2	0930	Sat	15846	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB)
XPA2	6-2	0950	Sat	14446	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB)
XPA2	6-2	1600	Sat	11461	00470 00177 00713 ... 00372 34564 11430	MFSK-16/20Bd	(AB/MPJ)
XPA2	6-2	1620	Sat	10261	00470 00177 00713 ... 00372 34564 11430	MFSK-16/20Bd	(AB/MPJ)
XPA2	6-2	1640	Sat	9161	00470 00177 00713 ... 00372 34564 11430	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-2	1200	Sun	11163	00373 00164 82141 ... 36330 73001 20205	MFSK-16/20Bd	(AB)
XPA2	7-2	1220	Sun	13363	00373 00164 82141 ... 36330 73001 20205	MFSK-16/20Bd	(AB)
XPA2	7-2	1240	Sun	14563	00373 00164 82141 ... 36330 73001 20205	MFSK-16/20Bd	(AB)
XPA2	8-2	0800	Mon	13387	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB)
XPA2	8-2	0820	Mon	13887	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB/RL)
XPA2	8-2	0840	Mon	14787	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB/RL)
XPA2	8-2	0910	Mon	16102	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB)
XPA2	8-2	0930	Mon	14951	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB)
XPA2	8-2	0950	Mon	13991	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB)
XPA2	8-2	1600	Mon	11461	05116 00001 00000 34656	MFSK-16/20Bd	(AB/MPJ)
XPA2	8-2	1620	Mon	10261	05116 00001 00000 34656	MFSK-16/20Bd	(AB/MPJ)
XPA2	8-2	1640	Mon	9161	05116 00001 00000 34656	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-2	0825	Tue	7534	00104 00040 00003 ... 67390 24869 02262	MFSK-16/20Bd	(RL-G)
XPA2	9-2	1100	Tue	12147	01077 00001 00000 34660	MFSK-16/20Bd	(AB/RL)
XPA2	9-2	1120	Tue	10347	01077 00001 00000 34660	MFSK-16/20Bd	(AB/RL)
XPA2	9-2	1140	Tue	9247	01077 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	9-2	1200	Tue	11163	07572 00206 39301 ... 51742 67743 01455	MFSK-16/20Bd	(AB)
XPA2	9-2	1220	Tue	13363	07572 00206 39301 ... 51742 67743 01455	MFSK-16/20Bd	(AB)
XPA2	9-2	1240	Tue	14563	07572 00206 39301 ... 51742 67743 01455	MFSK-16/20Bd	(AB/RR)
XPA2	9-2	1600	Tue	12173	02661 00001 00000 35260	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-2	1620	Tue	10373	02661 00001 00000 35260	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-2	1640	Tue	9373	02661 00001 00000 35260	MFSK-16/20Bd	(AB/MPJ)
XPA2	10-2	0800	Wed	13387	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB)
XPA2	10-2	0820	Wed	13887	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB/RL)
XPA2	10-2	0840	Wed	14787	00498 00168 17801 ... 83339 22151 26617	MFSK-16/20Bd	(AB/RL)
XPA2	10-2	0910	Wed	16102	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB-G)
XPA2	10-2	0930	Wed	14951	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB-G)
XPA2	10-2	0950	Wed	13991	09787 00189 52096 ... 27107 60506 31511	MFSK-16/20Bd	(AB-G)
XPA2	10-2	1100	Wed	13967	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB)
XPA2	10-2	1120	Wed	13367	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/RL)
XPA2	10-2	1140	Wed	11567	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/RL)
XPA2	10-2	1200	Wed	11575	08510 00064 28995 ... 64115 54721 62031	MFSK-16/20Bd	(AB)
XPA2	10-2	1220	Wed	13375	08510 00064 28995 ... 64115 54721 62031	MFSK-16/20Bd	(AB/RL)
XPA2	10-2	1240	Wed	13975	08510 00064 28995 ... 64115 54721 62031	MFSK-16/20Bd	(AB/RL)
XPA2	11-2	0910	Thu	16146	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB)
XPA2	11-2	0930	Thu	15846	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB)
XPA2	11-2	0950	Thu	14446	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB/RL)
XPA2	11-2	1100	Thu	13967	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/MPJ)
XPA2	11-2	1120	Thu	13367	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/MPJ)
XPA2	11-2	1140	Thu	11567	00488 00086 88340 ... 05464 01803 44434	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	11-2	1600	Thu	12173	09803 00001 00000 36661	MFSK-16/20Bd	(AB/MPJ)

XPA2	11-2	1620	Thu	10373	09803 00001 00000 36661	MFSK-16/20Bd	(AB/MPJ)
XPA2	11-2	1640	Thu	9373	09803 00001 00000 36661	MFSK-16/20Bd	(AB/MPJ)
XPA2	12-2	1100	Fri	12147	08911 00001 00000 36262	MFSK-16/20Bd	(AB/MPJ)
XPA2	12-2	1120	Fri	10347	08911 00001 00000 36262	MFSK-16/20Bd	(AB/MPJ)
XPA2	12-2	1140	Fri	9247	08911 00001 00000 36262	MFSK-16/20Bd	(AB/MPJ)
XPA2	12-2	1200	Fri	11575	08510 00064 28995 ... 64115 54721 62031	MFSK-16/20Bd	(AB)
XPA2	12-2	1220	Fri	13375	08510 00064 28995 ... 64115 54721 62031	MFSK-16/20Bd	(AB)
XPA2	12-2	1240	Fri	13975	08510 00064 28995 ... 64115 54721 62031	MFSK-16/20Bd	(AB/RL)
XPA2	13-2	0910	Sat	16146	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB)
XPA2	13-2	0930	Sat	15846	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB)
XPA2	13-2	0950	Sat	14446	06030 00077 51824 ... 17305 23587 27162	MFSK-16/20Bd	(AB)
XPA2	13-2	1600	Sat	11461	08198 00001 00000 35671	MFSK-16/20Bd	(AB)
XPA2	13-2	1620	Sat	10261	08198 00001 00000 35671	MFSK-16/20Bd	(AB)
XPA2	13-2	1640	Sat	9161	08198 00001 00000 35671	MFSK-16/20Bd	(AB)
XPA2	14-2	1200	Sun	11163	07572 00206 39301 ... 51742 67743 01455	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	14-2	1220	Sun	13363	07572 00206 39301 ... 51742 67743 01455	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	14-2	1240	Sun	14563	07572 00206 39301 ... 51742 67743 01455	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	15-2	0800	Mon	13387	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	15-2	0820	Mon	13887	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	15-2	0840	Mon	14787	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	15-2	0910	Mon	16102	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	15-2	0930	Mon	14951	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	15-2	0950	Mon	13991	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	15-2	1600	Mon	11461	00176 00111 88383 ... 80429 37862 10421	MFSK-16/20Bd	(AB/MPJ)
XPA2	15-2	1620	Mon	10261	00176 00111 88383 ... 80429 37862 10421	MFSK-16/20Bd	(AB/MPJ)
XPA2	15-2	1640	Mon	9161	00176 00111 88383 ... 80429 37862 10421	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-2	1100	Tue	12147	00580 00025 33788 ... 13896 36974 05256	MFSK-16/20Bd	(AB)
XPA2	16-2	1120	Tue	10347	00580 00025 33788 ... 13896 36974 05256	MFSK-16/20Bd	(AB)
XPA2	16-2	1140	Tue	9247	00580 00025 33788 ... 13896 36974 05256	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-2	1200	Tue	11163	05586 00186 24543 ... 63811 89649 41210	MFSK-16/20Bd	(AB/RL)
XPA2	16-2	1220	Tue	13363	05586 00186 24543 ... 63811 89649 41210	MFSK-16/20Bd	(AB/RL)
XPA2	16-2	1240	Tue	14563	05586 00186 24543 ... 63811 89649 41210	MFSK-16/20Bd	(AB/RL)
XPA2	16-2	1600	Tue	12173	03678 00244 81258 ... 07423 68294 57754	MFSK-16/20Bd	(AB)
XPA2	16-2	1620	Tue	10373	03678 00244 81258 ... 07423 68294 57754	MFSK-16/20Bd	(AB/PP1)
XPA2	16-2	1640	Tue	9373	03678 00244 81258 ... 07423 68294 57754	MFSK-16/20Bd	(AB)
XPA2	17-2	0800	Wed	13387	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB/RL)
XPA2	17-2	0820	Wed	13887	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB/RL)
XPA2	17-2	0840	Wed	14787	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB/RL)
XPA2	17-2	0910	Wed	16102	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	17-2	0930	Wed	14951	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	17-2	0950	Wed	13991	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	17-2	1100	Wed	13967	09662 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	17-2	1120	Wed	13367	09662 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	17-2	1140	Wed	11567	09662 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	17-2	1200	Wed	11575	01539 00182 40416 ... 93231 90693 30705	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	17-2	1220	Wed	13375	01539 00182 40416 ... 93231 90693 30705	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	17-2	1240	Wed	13975	01539 00182 40416 ... 93231 90693 30705	MFSK-16/20Bd	(AB/MPJ/RL)

XPA2	18-2	0910	Thu	16146	09485 00001 00000 35671	MFSK-16/20Bd	(AB)
XPA2	18-2	0930	Thu	15846	09485 00001 00000 35671	MFSK-16/20Bd	(AB)
XPA2	18-2	0950	Thu	14446	09485 00001 00000 35671	MFSK-16/20Bd	(AB)
XPA2	18-2	1100	Thu	13967	01070 00001 00000 31260	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	18-2	1120	Thu	13367	01070 00001 00000 31260	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	18-2	1140	Thu	11567	01070 00001 00000 31260	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	18-2	1600	Thu	12173	03678 00244 81258 ... 07423 68294 57754	MFSK-16/20Bd	(AB)
XPA2	18-2	1620	Thu	10373	03678 00244 81258 ... 07423 68294 57754	MFSK-16/20Bd	(AB)
XPA2	18-2	1640	Thu	9373	03678 00244 81258 ... 07423 68294 57754	MFSK-16/20Bd	(AB)
XPA2	19-2	1100	Fri	12147	00580 00025 33788 ... 13896 36974 05256	MFSK-16/20Bd	(AB/MPJ)
XPA2	19-2	1120	Fri	10347	00580 00025 33788 ... 13896 36974 05256	MFSK-16/20Bd	(AB/MPJ)
XPA2	19-2	1140	Fri	9247	00580 00025 33788 ... 13896 36974 05256	MFSK-16/20Bd	(AB/MPJ)
XPA2	19-2	1200	Fri	11575	01539 00182 40416 ... 93231 90693 30705	MFSK-16/20Bd	(AB)
XPA2	19-2	1220	Fri	13375	01539 00182 40416 ... 93231 90693 30705	MFSK-16/20Bd	(AB)
XPA2	19-2	1240	Fri	13975	01539 00182 40416 ... 93231 90693 30705	MFSK-16/20Bd	(AB)
XPA2	20-2	0910	Sat	16146	06991 00001 00000 36267	MFSK-16/20Bd	(AB-ROU)
XPA2	20-2	0930	Sat	15846	06991 00001 00000 36267	MFSK-16/20Bd	(AB-ROU)
XPA2	20-2	0950	Sat	14446	06991 00001 00000 36267	MFSK-16/20Bd	(AB)
XPA2	20-2	1600	Sat	11461	00176 00111 88383 ... 80429 37862 10421	MFSK-16/20Bd	(AB)
XPA2	20-2	1620	Sat	10261	00176 00111 88383 ... 80429 37862 10421	MFSK-16/20Bd	(AB)
XPA2	20-2	1640	Sat	9161	00176 00111 88383 ... 80429 37862 10421	MFSK-16/20Bd	(AB)
XPA2	21-2	1200	Sun	11163	05586 00186 24543 ... 63811 89649 41210	MFSK-16/20Bd	(AB)
XPA2	21-2	1220	Sun	13363	05586 00186 24543 ... 63811 89649 41210	MFSK-16/20Bd	(AB)
XPA2	21-2	1240	Sun	14563	05586 00186 24543 ... 63811 89649 41210	MFSK-16/20Bd	(AB)
XPA2	22-2	0800	Mon	13387	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	22-2	0820	Mon	13887	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	22-2	0840	Mon	14787	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	22-2	0910	Mon	16102	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	22-2	0930	Mon	14951	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	22-2	0950	Mon	13991	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	22-2	1600	Mon	11461	02997 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ)
XPA2	22-2	1620	Mon	10261	02997 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ)
XPA2	22-2	1640	Mon	9161	02997 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ)
XPA2	23-2	1100	Tue	12147	00591 00025 43798 ... 13896 36974 05257	MFSK-16/20Bd	(AB/MPJ)
XPA2	23-2	1120	Tue	10347	00591 00025 43798 ... 13896 36974 05257	MFSK-16/20Bd	(AB/MPJ)
XPA2	23-2	1140	Tue	9247	00591 00025 43798 ... 13896 36974 05257	MFSK-16/20Bd	(AB/MPJ)
XPA2	23-2	1200	Tue	11163	00267 00140 52694 ... 44893 13607 31045	MFSK-16/20Bd	(AB)
XPA2	23-2	1220	Tue	13363	00267 00140 52694 ... 44893 13607 31045	MFSK-16/20Bd	(AB)
XPA2	23-2	1240	Tue	14563	00267 00140 52694 ... 44893 13607 31045	MFSK-16/20Bd	(AB)
XPA2	23-2	1600	Tue	12173	07652 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	23-2	1620	Tue	10373	07652 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	23-2	1640	Tue	9373	07652 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	24-2	0800	Wed	13387	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	24-2	0820	Wed	13887	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	24-2	0840	Wed	14787	00588 00182 32185 ... 97192 28705 67272	MFSK-16/20Bd	(AB)
XPA2	24-2	0910	Wed	16102	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	24-2	0930	Wed	14951	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)

XPA2	24-2	0950	Wed	13991	08210 00077 70673 ... 31505 85675 51323	MFSK-16/20Bd	(AB)
XPA2	24-2	1100	Wed	13967	00432 00140 42655 ... 02687 67734 37013	MFSK-16/20Bd	(AB)
XPA2	24-2	1120	Wed	13367	00432 00140 42655 ... 02687 67734 37013	MFSK-16/20Bd	(AB)
XPA2	24-2	1140	Wed	11567	00432 00140 42655 ... 02687 67734 37013	MFSK-16/20Bd	(AB/MPJ)
XPA2	24-2	1200	Wed	11575	05879 00090 84378 ... 30280 08307 04036	MFSK-16/20Bd	(AB)
XPA2	24-2	1220	Wed	13375	05879 00090 84378 ... 30280 08307 04036	MFSK-16/20Bd	(AB)
XPA2	24-2	1240	Wed	13975	05879 00090 84378 ... 30280 08307 04036	MFSK-16/20Bd	(AB)
XPA2	25-2	0910	Thu	16146	06090 00001 00000 31267	MFSK-16/20Bd	(AB)
XPA2	25-2	0930	Thu	15846	06090 00001 00000 31267	MFSK-16/20Bd	(AB)
XPA2	25-2	0950	Thu	14446	06090 00001 00000 31267	MFSK-16/20Bd	(AB)
XPA2	25-2	1100	Thu	13967	00432 00140 42655 ... 02687 67734 37013	MFSK-16/20Bd	(AB/MPJ)
XPA2	25-2	1120	Thu	13367	00432 00140 42655 ... 02687 67734 37013	MFSK-16/20Bd	(AB/MPJ)
XPA2	25-2	1140	Thu	11567	00432 00140 42655 ... 02687 67734 37013	MFSK-16/20Bd	(AB/MPJ)
XPA2	25-2	1600	Thu	12173	06968 00001 00000 41664	MFSK-16/20Bd	(AB/MPJ)
XPA2	25-2	1620	Thu	10373	06968 00001 00000 41664	MFSK-16/20Bd	(AB/MPJ)
XPA2	25-2	1640	Thu	9373	06968 00001 00000 41664	MFSK-16/20Bd	(AB/MPJ)
XPA2	26-2	1100	Fri	12147	00591 00025 43798 ... 13896 36974 05257	MFSK-16/20Bd	(AB)
XPA2	26-2	1120	Fri	10347	00591 00025 43798 ... 13896 36974 05257	MFSK-16/20Bd	(AB)
XPA2	26-2	1140	Fri	9247	00591 00025 43798 ... 13896 36974 05257	MFSK-16/20Bd	(AB)
XPA2	26-2	1200	Fri	11575	05879 00090 84378 ... 30280 08307 04036	MFSK-16/20Bd	(AB/MPJ)
XPA2	26-2	1220	Fri	13375	05879 00090 84378 ... 30280 08307 04036	MFSK-16/20Bd	(AB/MPJ)
XPA2	26-2	1240	Fri	13975	05879 00090 84378 ... 30280 08307 04036	MFSK-16/20Bd	(AB/MPJ)
XPA2	27-2	0910	Sat	16146	06015 00001 00000 33657	MFSK-16/20Bd	(AB-POL)
XPA2	27-2	0930	Sat	15846	06015 00001 00000 33657	MFSK-16/20Bd	(AB)
XPA2	27-2	0950	Sat	14446	06015 00001 00000 33657	MFSK-16/20Bd	(AB)
XPA2	27-2	1600	Sat	11461	09094 00001 00000 33272	MFSK-16/20Bd	(AB/MPJ)
XPA2	27-2	1620	Sat	10261	09094 00001 00000 33272	MFSK-16/20Bd	(AB/MPJ)
XPA2	27-2	1640	Sat	9161	09094 00001 00000 33272	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-2	1200	Sun	11163	00267 00140 52694 ... 44893 13607 31045	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-2	1220	Sun	13363	00267 00140 52694 ... 44893 13607 31045	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-2	1240	Sun	14563	00267 00140 52694 ... 44893 13607 31045	MFSK-16/20Bd	(AB/MPJ)
XPB1	1-2	1100	Mon	15814	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	1-2	1110	Mon	14814	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	1-2	1120	Mon	14414	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	1-2	1130	Mon	13914	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	1-2	1140	Mon	13414	Russian intel.	MFSK-16	(AB/MPJ/RL/HFD)
XPB1	1-2	1150	Mon	12214	Russian intel.	MFSK-16	(AB/MPJ/RL/HFD)
XPB1	2-2	0600	Tue	13443	Russian intel.	MFSK-16	(AB)
XPB1	2-2	0610	Tue	13943	Russian intel.	MFSK-16	(AB)
XPB1	2-2	0620	Tue	14443	Russian intel.	MFSK-16	(AB)
XPB1	2-2	0630	Tue	14943	Russian intel.	MFSK-16	(AB)
XPB1	2-2	0640	Tue	15843	Russian intel.	MFSK-16	(AB)
XPB1	2-2	0650	Tue	16343	Russian intel.	MFSK-16	(AB)
XPB1	2-2	2000	Tue	8064	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-2	2010	Tue	7964	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-2	2020	Tue	6964	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-2	2030	Tue	5864	Russian intel.	MFSK-16	(AB/HFD)

XPB1	2-2	2040	Tue	5364	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-2	2050	Tue	4464	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-2	1100	Sat	15814	Russian intel.	MFSK-16	(AB)
XPB1	6-2	1110	Sat	14814	Russian intel.	MFSK-16	(AB)
XPB1	6-2	1120	Sat	14414	Russian intel.	MFSK-16	(AB)
XPB1	6-2	1130	Sat	13914	Russian intel.	MFSK-16	(AB)
XPB1	6-2	1140	Sat	13414	Russian intel.	MFSK-16	(AB)
XPB1	6-2	1150	Sat	12214	Russian intel.	MFSK-16	(AB)
XPB1	7-2	2000	Sun	8064	Russian intel.	MFSK-16	(AB)
XPB1	7-2	2010	Sun	7964	Russian intel.	MFSK-16	(AB)
XPB1	7-2	2020	Sun	6964	Russian intel.	MFSK-16	(AB)
XPB1	7-2	2030	Sun	5864	Russian intel.	MFSK-16	(AB)
XPB1	7-2	2040	Sun	5364	Russian intel.	MFSK-16	(AB)
XPB1	7-2	2050	Sun	4464	Russian intel.	MFSK-16	(AB)
XPB1	8-2	0600	Mon	13443	Russian intel.	MFSK-16	(AB)
XPB1	8-2	0610	Mon	13943	Russian intel.	MFSK-16	(AB)
XPB1	8-2	0620	Mon	14443	Russian intel.	MFSK-16	(AB)
XPB1	8-2	0630	Mon	14943	Russian intel.	MFSK-16	(AB)
XPB1	8-2	0640	Mon	15843	Russian intel.	MFSK-16	(AB)
XPB1	8-2	0650	Mon	16343	Russian intel.	MFSK-16	(AB)
XPB1	8-2	1100	Mon	15814	Russian intel.	MFSK-16	(AB)
XPB1	8-2	1110	Mon	14814	Russian intel.	MFSK-16	(AB/RR)
XPB1	8-2	1120	Mon	14414	Russian intel.	MFSK-16	(AB/RR)
XPB1	8-2	1130	Mon	13914	Russian intel.	MFSK-16	(AB)
XPB1	8-2	1140	Mon	13414	Russian intel.	MFSK-16	(AB)
XPB1	8-2	1150	Mon	12214	Russian intel.	MFSK-16	(AB)
XPB1	9-2	0600	Tue	13443	Russian intel.	MFSK-16	(AB)
XPB1	9-2	0610	Tue	13943	Russian intel.	MFSK-16	(AB)
XPB1	9-2	0620	Tue	14443	Russian intel.	MFSK-16	(AB)
XPB1	9-2	0630	Tue	14943	Russian intel.	MFSK-16	(AB)
XPB1	9-2	0640	Tue	15843	Russian intel.	MFSK-16	(AB)
XPB1	9-2	0650	Tue	16343	Russian intel.	MFSK-16	(AB)
XPB1	9-2	2000	Tue	8064	Russian intel.	MFSK-16	(AB/RL)
XPB1	9-2	2010	Tue	7964	Russian intel.	MFSK-16	(AB/RL)
XPB1	9-2	2020	Tue	6964	Russian intel.	MFSK-16	(AB)
XPB1	9-2	2030	Tue	5864	Russian intel.	MFSK-16	(AB)
XPB1	9-2	2040	Tue	5364	Russian intel.	MFSK-16	(AB)
XPB1	9-2	2050	Tue	4464	Russian intel.	MFSK-16	(AB)
XPB1	13-2	1100	Sat	15814	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13-2	1110	Sat	14814	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13-2	1120	Sat	14414	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13-2	1130	Sat	13914	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13-2	1140	Sat	13414	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13-2	1150	Sat	12214	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14-2	2000	Sun	8064	Russian intel.	MFSK-16	(AB/RL)
XPB1	14-2	2010	Sun	7964	Russian intel.	MFSK-16	(AB)
XPB1	14-2	2020	Sun	6964	Russian intel.	MFSK-16	(AB)

XPB1	14-2	2030	Sun	5864	Russian intel.	MFSK-16	(AB)
XPB1	14-2	2040	Sun	5364	Russian intel.	MFSK-16	(AB)
XPB1	14-2	2050	Sun	4464	Russian intel.	MFSK-16	(AB)
XPB1	15-2	0600	Mon	13443	Russian intel.	MFSK-16	(AB)
XPB1	15-2	0610	Mon	13943	Russian intel.	MFSK-16	(AB)
XPB1	15-2	0620	Mon	14443	Russian intel.	MFSK-16	(AB)
XPB1	15-2	0630	Mon	14943	Russian intel.	MFSK-16	(AB)
XPB1	15-2	0640	Mon	15843	Russian intel.	MFSK-16	(AB)
XPB1	15-2	0650	Mon	16343	Russian intel.	MFSK-16	(AB)
XPB1	15-2	1100	Mon	15814	Russian intel.	MFSK-16	(AB)
XPB1	15-2	1110	Mon	14814	Russian intel.	MFSK-16	(AB/RL)
XPB1	15-2	1120	Mon	14414	Russian intel.	MFSK-16	(AB/RL)
XPB1	15-2	1130	Mon	13914	Russian intel.	MFSK-16	(AB/RL)
XPB1	15-2	1140	Mon	13414	Russian intel.	MFSK-16	(AB/RL)
XPB1	15-2	1150	Mon	12214	Russian intel.	MFSK-16	(AB/RL)
XPB1	16-2	0600	Tue	13443	Russian intel.	MFSK-16	(AB)
XPB1	16-2	0610	Tue	13943	Russian intel.	MFSK-16	(AB)
XPB1	16-2	0620	Tue	14443	Russian intel.	MFSK-16	(AB)
XPB1	16-2	0630	Tue	14943	Russian intel.	MFSK-16	(AB)
XPB1	16-2	0640	Tue	15843	Russian intel.	MFSK-16	(AB)
XPB1	16-2	0650	Tue	16343	Russian intel.	MFSK-16	(AB)
XPB1	16-2	2000	Tue	8064	Russian intel.	MFSK-16	(AB)
XPB1	16-2	2010	Tue	7964	Russian intel.	MFSK-16	(AB)
XPB1	16-2	2020	Tue	6964	Russian intel.	MFSK-16	(AB)
XPB1	16-2	2030	Tue	5864	Russian intel.	MFSK-16	(AB)
XPB1	16-2	2040	Tue	5364	Russian intel.	MFSK-16	(AB)
XPB1	16-2	2050	Tue	4464	Russian intel.	MFSK-16	(AB)
XPB1	20-2	1100	Sat	15814	Russian intel.	MFSK-16	(AB)
XPB1	20-2	1110	Sat	14814	Russian intel.	MFSK-16	(AB)
XPB1	20-2	1120	Sat	14414	Russian intel.	MFSK-16	(AB)
XPB1	20-2	1130	Sat	13914	Russian intel.	MFSK-16	(AB)
XPB1	20-2	1140	Sat	13414	Russian intel.	MFSK-16	(AB)
XPB1	20-2	1150	Sat	12214	Russian intel.	MFSK-16	(AB)
XPB1	21-2	2000	Sun	8064	Russian intel.	MFSK-16	(AB)
XPB1	21-2	2010	Sun	7964	Russian intel.	MFSK-16	(AB)
XPB1	21-2	2020	Sun	6964	Russian intel.	MFSK-16	(AB)
XPB1	21-2	2030	Sun	5864	Russian intel.	MFSK-16	(AB)
XPB1	21-2	2040	Sun	5364	Russian intel.	MFSK-16	(AB)
XPB1	21-2	2050	Sun	4464	Russian intel.	MFSK-16	(AB)
XPB1	22-2	0600	Mon	13443	Russian intel.	MFSK-16	(AB)
XPB1	22-2	0610	Mon	13943	Russian intel.	MFSK-16	(AB)
XPB1	22-2	0620	Mon	14443	Russian intel.	MFSK-16	(AB)
XPB1	22-2	0630	Mon	14943	Russian intel.	MFSK-16	(AB)
XPB1	22-2	0640	Mon	15843	Russian intel.	MFSK-16	(AB)
XPB1	22-2	0650	Mon	16343	Russian intel.	MFSK-16	(AB)
XPB1	22-2	1100	Mon	15814	Russian intel.	MFSK-16	(AB)
XPB1	22-2	1110	Mon	14814	Russian intel.	MFSK-16	(AB)

XPB1	22-2	1120	Mon	14414	Russian intel.	MFSK-16	(AB)
XPB1	22-2	1130	Mon	13914	Russian intel.	MFSK-16	(AB)
XPB1	22-2	1140	Mon	13414	Russian intel.	MFSK-16	(AB)
XPB1	22-2	1150	Mon	12214	Russian intel.	MFSK-16	(AB)
XPB1	23-2	0600	Tue	13443	Russian intel.	MFSK-16	(AB)
XPB1	23-2	0610	Tue	13943	Russian intel.	MFSK-16	(AB)
XPB1	23-2	0620	Tue	14443	Russian intel.	MFSK-16	(AB-RUS)
XPB1	23-2	0630	Tue	14943	Russian intel.	MFSK-16	(AB-RUS)
XPB1	23-2	0640	Tue	15843	Russian intel.	MFSK-16	(AB-RUS)
XPB1	23-2	0650	Tue	16343	Russian intel.	MFSK-16	(AB-RUS)
XPB1	23-2	2000	Tue	8064	Russian intel.	MFSK-16	(AB)
XPB1	23-2	2010	Tue	7964	Russian intel.	MFSK-16	(AB)
XPB1	23-2	2020	Tue	6964	Russian intel.	MFSK-16	(AB)
XPB1	23-2	2030	Tue	5864	Russian intel.	MFSK-16	(AB)
XPB1	23-2	2040	Tue	5364	Russian intel.	MFSK-16	(AB)
XPB1	23-2	2050	Tue	4464	Russian intel.	MFSK-16	(AB)
XPB1	27-2	1100	Sat	15814	Russian intel.	MFSK-16	(AB)
XPB1	27-2	1110	Sat	14814	Russian intel.	MFSK-16	(AB)
XPB1	27-2	1120	Sat	14414	Russian intel.	MFSK-16	(AB)
XPB1	27-2	1130	Sat	13914	Russian intel.	MFSK-16	(AB)
XPB1	27-2	1140	Sat	13414	Russian intel.	MFSK-16	(AB)
XPB1	27-2	1150	Sat	12214	Russian intel.	MFSK-16	(AB)
XPB1	28-2	2000	Sun	8064	Russian intel.	MFSK-16	(AB)
XPB1	28-2	2010	Sun	7964	Russian intel.	MFSK-16	(AB)
XPB1	28-2	2020	Sun	6964	Russian intel.	MFSK-16	(AB)
XPB1	28-2	2030	Sun	5864	Russian intel.	MFSK-16	(AB)
XPB1	28-2	2040	Sun	5364	Russian intel.	MFSK-16	(AB)
XPB1	28-2	2050	Sun	4464	Russian intel.	MFSK-16	(AB)
XSL	22-2	1723	Mon	4231.5	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	22-2	1723	Mon	4291	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	22-2	1723	Mon	6250	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	22-2	1723	Mon	6417	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	22-2	1723	Mon	6445	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	22-2	1723	Mon	8313	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	22-2	1723	Mon	8587.5	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-ATN	Ary Boender via remote rx Bonaire
AB-DOM	Ary Boender via remote rx Dominican Rep.
AB-G	Ary Boender via remote rx UK
AB-GRC	Ary Boender via remote rx Greece
AB-J	Ary Boender via remote rx Japan
AB-POL	Ary Boender via remote rx Poland
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
AB-TWN	Ary Boender via remote rx Taiwan
AB-USA	Ary Boender via remote rx USA
Dan	Daniel LU5EMM, Argentina
Danix	Danix, Poland
DKR	Danila, Krasnodar, Russia
DMS	Dave moonlight0551, Sydney, Australia
ES-HOL	Edward Smith via remote rx Netherlands
ES-RUS	Edward Smith via remote rx Russia
F5JBR	F5JBR André, France
GHn	Gary Hagermann, UK
Gwr	Gwraspe
HFD	Hans-Friedrich Dumrese, Germany
HFD-CHN	Hans-Friedrich Dumrese via remote rx China
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
HK	Hiroyuki Komatsubara, Japan
Hutch	Hutch, UK
JPL	JPL, NB, Canada (and various remote rx)
JPL-HK	JPL via remote rx Hong Kong
JPL-RUS	JPL via remote rx Russia
JU	Jay Updike, W. Europe
MPJ	Jim, SW England
MPJ-AUT	Jim via remote rx Austria
MPJ-HNG	Jim via remote rx Hungary
MPJ-POL	Jim via remote rx Poland
PP1	Patrice Privat, France
RL	Roberto Landolpho, Brazil
RL-G	Roberto Landolpho via remote rx UK
RR	Radio Ranch, CA, USA
RR2	Rich Ray, IL, USA

Designators

Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrids of analog and digital modes
M(C)	Morse code (Chinese)
P	QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

Active voice stations

Code	Language	Origin	Related stations
E06	English	Russia	G06, S06, S06b, S06c, M14, F01, F06, F06a
E07	English	Russia	E07a, V07, M12, XPA1, XPA2, XPB1
E07a	English	Russia	E07, V07, M12, XPA1, XPA2, XPB1
E11	English	Poland	E11a, S11a, F03, P03
E11a	English	Poland	E11, S11a, F03, P03
E17z	English	Ukraine	S06s
E25	English	Egypt	E25a
E25a	English	Egypt	E25
G06	German	Russia	E06, S06, S06b, S06c, M14, F01, F06, F06a
S06	Russian	Russia	E06, G06, S06b, S06c, M14, F01, F06, F06a
S06b	Russian	Russia	E06, G06, S06, S06c, M14, F01, F06, F06a
S06c	Russian	Russian	E06, G06, S06, S06b, M14, F01, F06, F06a
S06s	Russian	Ukraine	E17z
S11a	Russian	Poland	E11, E11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, M12, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V15	Korean	North Korea	
V24	Korean	South Korea	
V26	Chinese	China	M95, Q26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Active morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, XPA1, XPA2, XPBa
M14	Morse	Russia	E06, G06, S06, S06b, S06c, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M89	Morse	China	
M95	Morse	China	V26, Q26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM10	Morse	?	

Active digital stations

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F06, F06a
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06a
F06a	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06
HM01	Voice/RDFT	Cuba	
M42	Various	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
Q26	4+4 QPSK	China	V26, M95
XPA	MFSK-20	Russia	E07, V07, M12, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, M12, XPA1, XPB1
XPB	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2

Figures and words used by the various numbers stations

Cut numbers

Several stations are using cut numbers. Often only the zero which is represented by the letter “T”.

M89 and M95 cut numbers A U 3 4 5 6 7 D N T
 1 2 3 4 5 6 7 8 9 0

M08a cut numbers A N D U W R I G M T
 1 2 3 4 5 6 7 8 9 0

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itmien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	.. — — —	Hai	To	Dwojka	Twso	Two
3	... — —	Ba	Fwee	Trojka	Drei	Three
4 —	Bô'n	Fo	Cienciorka	Vier	Four
5	Năm	Fav	Pietiorka	Funuf	Fiver
6	—	Sáu	Six	Szest	Sechs	Six
7	— — ...	Ba y	Seven	Siem	Sieben	Seven
8	— — — ..	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	— . . . —					
/	—					

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	—
Out	Out	Konets	

Note: M03 and M08a are defunct.

Morse characters

A	. -	1	. ----
B	-	2	.. ---
C	- . - .	3	... --
D	- . .	4 -
E	.	5
F	. . - .	6	-
G	- - .	7	- - . . .
H	8	- - - .
I	. .	9	- - - - .
J	. - - -	0	- - - - -
K	- . -		
L	. - . .		
M	- -	Accented letters	
N	- .	Ä	. . . -
O	- - -	Á	. . . -
P	. - - .	CH	- - - -
Q	- - . -	É
R	. - .	Ö	- - - .
S	. . .	Ü	. . - -
T	-		
U	. . -		
V	. . . -		
W	. - -		
X	- . . -		
Y	- . - -		
Z	- - . .		

Full stop (period) [.]	. - . - . -
Comma [,]	- - . . - -
Colon [:]	- - - . . .
Question mark [?]	. . - - . .
Exclamation mark [!]	- . . - -
Apostrophe [']	. - - - - .
Dash or Hyphen [-]	- . . . -
Slash [/]	- . . - .
Left-hand bracket [(]	- . - - .
Right-hand bracket [)]	- . - - . -
Quotation marks [" "]	. - . . - .
Equals sign [BT =]	- . . - -
Understood	. . . - .
Plus sign [+]	. - . - .
Invitation to transmit	- . -
Wait [AS]	. - . . .
End of Transmission [SK, VA]	. . . - . -
End of message [AR]	. - . . .
Starting signal	- . - . -
Multiplication sign [x]	- . . -
At sign [@]	. - - . - .
Break [BK]	- . . . - .
Ampersand [&]	. - . . .

See also

<http://udxf.nl/Morse-document.pdf>

<http://udxf.nl/Russian.pdf>

COLOPHON

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NUMBERS & ODDITIES	http://www.numbersoddities.nl
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HF UNDERGROUND	http://www.hfunderground.com/board/
PRIYOM	http://priyom.org/
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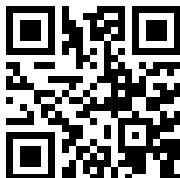
NUMBERS STATIONS SCHEDULES <http://priyom.org/number-stations/station-schedule>

To become an UDXF member go to <https://groups.io/g/UDXF> and follow the instructions.

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976 27364 92886 89428 61288 74982 36498 32764 81276 81
986 40932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 70
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 1
7591 87364 87265 96718 27638 12673 84769 28743 98127 5
758 63298 75698 27465 87326 49876 28376 81273 98615 86
67 87432 74328 78674 29867 32867 67867 86786 43276 498
67 68768 68763 34234 34238 68768 62342 48273 48768 230
936 98432 32432 86743 43286 43286 43286 43286 43286 432
743 86743 86743 39867 32867 86743 43286 43286 43243 86
751 86743 86743 86743 86743 86743 86743 86743 86743 86
943 98798 98754 98754 98754 98754 29867 67543 67986 86
976 87698 69876 87698 69876 87612 12341 34867 86798 652
867 43298 65656 56756 56123 32143 14321 32143 14321 321
98 42787 58765 76587 58765 76587 58765 76587 58756 765
98743 76587 76587 76587 76587 76587 76587 76587 76587

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