

27364	92836	89428	81268	74982	46498	32784	31277
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58765	58765	58765	58765	58765	58765	58765	58765

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #287, August 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

Welcome to yet another edition of Numbers & Oddities. I have not much to report. In the past few weeks I spent much time monitoring the evac flights from Afghanistan. Since the time that the Taliban was taking over the country Russian diplo/intel station F06a became more active with 6 transmissins during the evenings. I don't know if is really releated to Afghanistan. I might be a councidence.

Thanks to all contributors. Keep your ogs coming!

VOICE STATIONS

E06

13540/16115 kHz, 05-08/06-08, 0500/0600 UTC

210 496 53

41649 54422 87782 05294 87700 04989 98703 33080 06046 61782
47370 96673 09217 23087 78294 59150 90083 15819 13931 47114
28314 46599 03766 64901 05143 94325 80925 46385 06119 42680
18496 05309 16538 76029 02734 70095 39234 87129 65257 14067
89420 70085 42115 17007 46271 97012 49800 19017 65926 01815
98920 41526 78425
496 53 00000

16115 kHz, 19-08/20-08, 0600 UTC

210 768 53

83527 67343 91699 04726 75410 28317 73803 48579 97213 29203
33575 04132 58340 51171 22644 33405 63311 63871 99483 54915
10441 62557 33802 59361 39045 47894 24307 92216 11129 78123
78291 45393 38479 48278 26474 25183 91101 76145 71520 88650
47951 99639 93709 65676 75880 15302 62153 08826 47749 12599
25025 38238 35628
768 53 00000

14648/12084 kHz, 05-08, 0300/0400 UTC

14648/12084 kHz, 06-08, 0300/0400 UTC

361 924 50

90882 28457 47276 74257 89334 69323 35931 45691 20019 53889
32373 85326 52082 17526 36583 83660 66017 77701 85964 53078
25571 37312 90786 98814 01330 46331 61136 47439 81888 01429
23799 25056 33569 88278 52533 02379 94595 96225 60150 48910
14694 60002 25853 63371 76027 08184 56263 72604 56429 23072
924 50 00000

14648/12084 kHz, 12-08, 0300/0400 UTC

14648/12084 kHz, 13-08, 0300/0400 UTC

361 758 30

22646 92783 07986 30803 25138 54131 91092 87843 16206 30504
36612 26197 24165 63256 25215 93729 85874 99357 80113 23267
24322 23057 44099 11565 12239 17712 07475 52684 07690 87488
758 30 00000

14648/12084 kHz, 19-08, 0300/0400 UTC

14648/12084 kHz, 20-08, 0300/0400 UTC

361 402 31

42794 38017 55491 19401 95399 51420 05533 40515 34307 06677
55614 10971 42218 01248 87831 90257 36576 97331 63056 07118
58041 57967 70193 49602 39525 85970 89602 25933 29231 32886
06617
402 31 00000

26 and 27 August: no transmissions observed

11472/13576 kHz, 02-08, 0210/0310 UTC**11472/13584 kHz, 03-08, 0210/0310 UTC**

537 206 37

88955 99937 09952 12515 97698 59896 49473 01252 59429 70784

75146 86069 67234 35702 65822 52992 85091 18853 39075 47678

05239 76127 22875 27542 77514 45556 26584 10451 21604 52304

84691 87196 58140 07908 71757 89921 19585

206 37 00000

11472/13574 kHz, 09-08, 0210/0310 UTC**11472/13572 kHz, 10-08, 0210/0310 UTC**

537 149 38

29231 28217 61651 01456 89128 23333 61376 50763 39005 38903

17719 62744 39204 86188 09724 21258 27260 19051 12626 07153

05735 16877 31251 58980 14528 89873 45220 92786 98588 61408

39410 48176 06991 07091 18115 52831 84277 55278

149 38 00000

11472/13573 kHz, 16-08, 0210/0310 UTC**11472/13574 kHz, 17-08, 0210/0310 UTC**

537 260 39

00349 98317 75490 91182 09724 82537 70712 74923 51638 33449

58424 11568 86907 78146 64206 54581 85674 56388 07037 74805

56898 61774 73941 77461 52158 54512 52556 08717 17205 12951

57539 31482 89714 16063 11764 75138 66659 74082 68236

260 39 00000

11472/13575 kHz, 23-08, 0210/0310 UTC**11472/13573 kHz, 24-08, 0210/0310 UTC**

537 918 40

20484 74335 05764 10881 87035 99007 31570 66499 69841 95480

20584 17006 10384 42431 97521 17589 17682 25358 66896 50954

80930 43530 66534 88626 44738 29929 86021 76952 07901 88862

73536 64998 31648 80945 79493 16534 68298 10131 10445 73282

918 40 00000

11472/13573 kHz, 30-08, 0210/0310 UTC**11472/13572 kHz, 31-08, 0210/0310 UTC**

537 620 41

10471 73777 38464 41543 74633 50864 22334 38536 75059 66502

49227 22276 68937 55835 15834 56076 47134 19657 33416 07739

81158 52990 39466 51626 52259 84315 62599 36835 11085 67632

51595 76189 41350 94537 04545 35704 25942 18508 59029 29237

38909

620 41 00000

E07**13397/12197/10697 kHz, 01-08, 1700/1720/1740 UTC**

316 316 316 1 665 71 665 71

08659 15321 64155 55972 65156 18481 80066 28861 53981 05393

31904 80850 40328 52576 38566 78612 13817 81997 17022 70510

81489 74260 38903 88932 67913 05905 00666 09491 56582 09593

77668 15971 13254 56115 61257 56602 87333 63892 05064 96191

91105 35454 98185 42759 85491 53439 19410 91392 10576 18808

61266 46343 05434 42584 12680 05710 52958 77265 49282 59868

80377 84483 00323 69659 41218 72018 14042 68817 66392 50673

30948 000 000

16246/18446/19236 kHz, 03-08/06-08, 0700/0720/0740 UTC

242 242 242 1 1154 59 1154 59
17772 88417 79731 25559 01346 47838 22640 15398 69216 31964
37844 17604 44099 71630 62992 22898 28610 65309 75070 20529
29207 13803 77476 00282 81705 31971 71781 46969 69573 32325
36258 18348 04220 08675 24721 99504 95664 44412 53691 87301
32018 28254 51727 60053 55226 52320 53132 96757 67729 95266
57952 50093 99521 01502 25457 01858 45069 26738 21055 000 000

13519/14819/15919 kHz, 05-08/07-08, 14010/1430/1450 UTC

288 288 288 1 655 56 655 56
87095 81135 00785 11408 12687 93560 21953 12631 54818 62654
49529 40091 57888 36543 15090 62829 63645 01441 59076 70235
69505 81748 42991 56829 21941 72815 83081 36418 28639 70758
61963 73868 02429 29815 60185 39530 96826 14657 98033 90980
77537 45746 05030 09126 53152 86822 91103 76375 72704 50996
87846 86188 58763 70811 66915 61847 000 000

13397/12197/10697 kHz, 11-08/15-08/18-08/22-08, 1700/1720/1740 UTC

316 316 316 1 1839 66 1839 66
61472 40065 42949 54042 44116 74922 96402 76513 02981 89698
73779 24076 21635 28589 60057 77496 87947 06714 91707 48910
92746 48728 56787 76736 39818 19707 41688 18726 36576 85748
78636 24773 65128 49326 42711 64547 20104 24189 58062 53736
94094 01067 68382 64710 80810 99255 95847 69019 54845 70129
91658 59432 27391 30351 69530 87986 22760 83962 13896 51880
33783 12502 62041 03401 32994 10268 000 000

16246/18446/19236 kHz, 17-08, 0700/0720/0740 UTC

242 242 242 1 1660 59 1660 59
06538 20065 19502 27290 17965 68964 33000 89683 10427 04357
92501 00998 43652 08103 04373 88135 29967 76658 41193 00712
59144 22953 56604 16538 26207 92749 69591 35557 67088 13354
88488 51093 66882 09512 60760 51828 06772 62025 28668 64230
83819 00878 62539 71328 20457 63638 42559 92704 75424 70208
19930 47687 41589 05075 25645 57562 21272 41348 23001 000 000

16246/18446/19236 kHz, 31-08, 0700/0720/0740 UTC

242 242 242 1 8144 59 8144 59
32820 64232 57732 44344 67630 79975 12665 07232 33572 85096
01781 87836 47024 59995 85641 45197 98666 51819 09001 63523
59292 34260 49053 74076 66983 33175 71232 58547 20218 50427
18370 35668 24529 16989 37651 63778 30913 49530 18512 38690
33758 96458 12646 76728 82521 89820 85957 42262 70858 55727
31174 28298 96095 39469 83470 36673 30852 35586 92297 000 000

E11a

7469 kHz, 02-08, 0450 UTC

8088 kHz, 05-08, 1730 UTC

415/32 Attention

09609 42228 53809 67042 73994 56780 51931 10400 66908 24288
32308 40113 56753 64362 38715 50184 11856 14824 75925 02092
88000 58274 23199 20630 86761 62190 80267 09086 93840 50945
37447 23057

Attention (message repeated) Out

8545 kHz, 02-08/04-08, 1045 UTC

696/37 Attention

38782 27141 66735 63845 07821 52161 99107 87770 95829 37173
85581 82077 24028 99557 15501 77012 66109 91996 04736 60355
91857 96385 07031 99451 65059 57904 64371 67807 89865 15028
67783 65432 96536 27000 16393 25171 33795

Attention (message repeated) Out

6923 kHz, 04-08/05-08, 0930 UTC

273/31 Attention

43540 21056 84453 10450 95782 90336 03490 25512 18484 66145
56357 64310 01272 24550 52626 08799 13117 27265 84397 88590
06285 29369 37914 65171 65314 08949 32497 80882 03505 22669
85889

Attention (message repeated) Out

9610 kHz, 09-08, 0745 UTC

267/32 Attention

94547 72009 72697 17446 41937 68632 45215 55876 90917 33301
64594 49302 31127 70440 76449 68845 78531 63789 12427 01690
35687 30102 64610 45640 82298 39992 06678 31250 90237 34801
22464 78030

Attention (message repeated) Out

14410 kHz, 09-08/15-08, 1745 UTC

249/33 Attention

37635 55568 54172 09012 36799 32387 05719 92733 92275 08243
82341 72502 08918 89597 61891 33679 76202 84521 56727 19991
11166 54429 53092 54261 18501 76020 32517 89276 37169 05536
35664 56598 22389

Attention (message repeated) Out

7600 kHz, 09-08/12-08, 1900 UTC

643/36 Attention

68396 85650 13122 84254 90184 60926 36883 80501 81875 43244
59665 24944 67587 40734 98392 25275 21972 38152 52503 23204
61655 51452 09364 62079 12642 08469 06633 31061 71412 97677
93428 90949 86152 03977 06312 41409

Attention (message repeated) Out

8091 kHz, 10-08/12-08, 0645 UTC

515/35 Attention

27926 14134 21232 37346 37050 35217 25487 13245 83356 64474
19834 86765 56138 20521 61857 51584 99129 02190 89302 92275
49243 23507 74862 97330 30051 75218 68159 86874 35491 47717
39190 41588 20615 51777 55256

Attention (message repeated) Out

17378 kHz, 10-08//11-08, 0820 UTC

136/35 Attention

56152 28989 91130 18063 91099 00972 78290 17663 16133 63236
91547 40197 41088 09799 85945 86340 15568 15797 22807 38422
04287 83849 08270 79201 74857 56568 59133 67940 70621 11257
34777 91908 60488 47061 62114

Attention (message repeated) Out

5371 kHz, 10-08/15-08, 1605 UTC

236/39 Attention

62695 27176 70723 56468 48581 14737 64605 72523 42736 60581
67488 10434 04232 38055 04450 64720 85516 94630 80096 19312
73613 39041 26074 33352 38173 13261 95184 15475 97046 33626
67182 95703 23211 90302 71084 03466 41202 98177 42506

Attention (message repeated) Out

5409 kHz, 12-08/15-08, 1330 UTC

521/40 Attention

85663 16214 43488 52527 29812 62765 55195 86172 38687 65958
01891 26100 33210 15833 80194 05946 57570 48268 87693 40488
52386 22562 87358 63184 18485 70300 05481 51417 08023 83173
53053 25051 81569 91581 60550 21833 32030 49394 01206 83294
Attention (message repeated) Out

10356 kHz, 12-08, 1530 UTC

267/32 Attention

94547 72009 72697 17446 41937 68632 45215 55876 90917 33301
64594 49302 31127 70440 76449 68845 78531 63789 12427 01690
35687 30102 64610 45640 82298 39992 06678 31250 90237 34801
22464 78030
Attention (message repeated) Out

12229 kHz, 13-08/15-08, 1650 UTC

922/32 Attention

73924 90465 29157 85221 88009 26373 57590 81370 38097 56996
85622 42535 06505 74688 77336 12426 15976 03027 88301 85925
54337 69940 49665 37636 69626 70215 38573 58467 03817 41177
34747 08543
Attention (message repeated) Out

15800 kHz, 16-08/18-08, 0640 UTC

941/30 Attention

47862 13259 89972 41130 24360 76779 17146 12827 85399 00527
10537 27643 43585 95166 51758 91453 46099 27536 71574 48228
99673 20281 22742 85973 25338 26279 59594 52041 87263 03757
Attention (message repeated) Out

12815 kHz, 16-08/18-08, 0845 UTC

711/31 Attention

52734 20465 34002 44812 56568 33519 48592 24496 28892 68945
53907 89556 08777 94758 06210 44972 97560 94027 75390 64295
44687 06107 43639 76297 50090 86873 09747 23929 70430 44267
02780
Attention (message repeated) Out

5737 kHz, 16-08/19-08, 1300 UTC

314/36 Attention

19657 40927 02024 68883 21883 85683 06045 42614 56838 16810
85313 59604 29033 88002 57595 93097 23870 90597 59321 15825
14332 21033 72511 70523 82481 91075 82851 88263 54958 76323
54815 80551 64637 02151 18431 36065
Attention (message repeated) Out

8680 kHz, 17-08/20-08, 0700 UTC

573/35 Attention

71261 01149 50283 61139 24378 24604 74964 69155 98806 74400
46227 10160 18379 47443 67632 75685 85858 40988 16656 18784
34572 14683 63366 12633 51833 12214 15432 93143 91132 68596
87209 57071 39621 48714 54417
Attention (message repeated) Out

12153 kHz, 17-08/19-08, 0845 UTC

155/29 Attention

05356 65459 70352 90925 69757 98510 67456 46946 73994 47678
53609 63858 60325 54679 73336 02752 37544 55422 07163 85986
96332 20995 74488 05971 49850 73883 09601 17399 07088
Attention (message repeated) Out

6304 kHz, 17-08/18-08, 1205 UTC

460/32 Attention

83834 68891 02395 41762 05284 36670 43841 21404 26275 76079
19637 59879 71220 87689 91761 88618 90915 95994 68238 06255
60616 75758 07002 49565 25876 09162 06340 63689 02172 23855
32695 72083

Attention (message repeated) Out

14575 kHz, 17-08/19-08, 1645 UTC

337/36 Attention

82863 89681 75995 60910 70254 99769 65590 92884 92461 70334
91324 47708 94691 84392 37799 86242 70802 10676 94054 86970
33370 19912 50328 52262 24628 42766 46749 25309 90344 22036
89389 51894 40475 66821 02970 17204

Attention (message repeated) Out

14575 kHz, 18-08, 0315 UTC

251/36 Attention

25117 43242 26868 78133 21157 27667 59360 02284 94922 67679
86147 37576 25873 68425 12955 87134 94128 44060 59022 63353
23005 98658 12550 77479 38204 97481 43013 83855 40760 77581
10115 88283 79643 01945 02042 78227

Attention (message repeated) Out

15720 kHz, 18-08/20-08, 0745 UTC

349/31 Attention

46208 25888 19992 36065 59790 31728 77617 97010 99280 76803
56945 33253 59998 06297 69597 79841 97871 93995 33096 74088
94912 70426 21195 77249 34602 28393 09196 76053 63696 53643
21233

Attention (message repeated) Out

9150 kHz, 20-08/22-08, 0600 UTC

355/33 Attention

08690 68040 35660 65536 74044 63562 48691 91971 14211 80511
85785 15765 85592 46056 71513 53616 19519 48306 76344 27008
29208 43691 85976 08843 35298 20058 25462 39833 23999 51055
27528 46433 83200

Attention (message repeated) Out

7377 kHz, 21-08/22-08, 0730 UTC

496/32 Attention

65622 95062 75471 41572 49261 38805 34389 24438 32533 82887
83013 01607 39091 95703 47785 29058 55144 88914 17783 14623
72626 49481 88619 65306 64352 21789 87109 17965 54974 73191
63616 28025

Attention (message repeated) Out

5082 kHz, 21-08/22-08, 1530 UTC

363/34 Attention

41705 74148 75589 09896 73573 36992 32504 34272 86854 03967
79091 06584 30270 88976 35962 51718 08008 29905 36583 52139
58636 21836 60847 15619 40218 24428 64605 94058 30098 16377
85959 22581 12675 42783

Attention (message repeated) Out

18030 kHz, 23-08/25-08, 0715 UTC

757/32 Attention

67324 24971 77578 05605 90908 55356 51388 78860 18613 03694
51562 69946 50042 54550 10170 85654 77561 94528 25775 45540
28335 87860 73100 92698 09445 60539 11155 55190 69457 76974
46983 34840

Attention (message repeated) Out

7449 kHz, 23-08/25-08, 0900 UTC

534/31 Attention

48625 19018 74546 09987 18867 79574 50413 92181 54123 04867
55953 83751 01793 48204 83048 75930 03536 84594 73906 06367
77799 32922 51087 55142 85863 19284 60132 93614 84788 32157
60155

Attention (message repeated) Out

10429 kHz, 24-08/27-08, 0715 UTC

637/32 Attention

47141 04810 34214 22318 29213 67836 75529 13510 61548 92511
31040 25893 71721 16700 29217 67693 48601 79803 71629 41248
25498 56392 23827 14622 61014 62068 44637 09205 62004 21396
14624 50133

Attention (message repeated) Out

14940 kHz, 24-08/26-08, 0745 UTC

221/32 Attention

90203 50799 45180 85684 49848 33014 55046 00223 55511 04686
37611 02422 36705 44284 71691 89324 75375 06381 32808 67051
72111 10782 72688 75728 20226 31495 46260 03981 95113 36184
56397 40914

Attention (message repeated) Out

12984 kHz, 24-08/28-08, 1345 UTC

912/35 Attention

38908 65737 64849 51225 50375 19450 12357 49815 90489 25350
94900 23150 04453 48744 94634 96701 00893 38376 43831 81201
10888 01472 62580 91534 25035 58981 09403 38871 25621 28651
62700 57379 33386 82866 71580

Attention (message repeated) Out

7863 kHz, 25-08, 1625 UTC

970/30 Attention

32104 43563 29333 33972 51654 18199 75182 55940 42069 16035
64194 67210 95840 07931 83397 45516 24045 72635 08244 36133
07486 00720 54036 06197 21316 03655 70431 58896 62660 46033

Attention (message repeated) Out

4783 kHz, 25-08/28-08, 1910 UTC

399/38 Attention

42023 44935 50069 77122 20516 39823 06994 64181 57566 49774
45155 17821 24926 99070 09561 11365 66080 45467 02966 25173
10262 32150 44263 26747 42945 08384 74715 57529 08275 11967
05697 42413 06981 54115 46990 40723 71815 03035

Attention

4909 kHz, 26-08/27-08, 0820 UTC

431/37 Attention

51656 18570 16554 31195 19836 75856 67750 73646 41614 83093
88290 67521 37077 35874 35900 44563 38879 85507 36821 68202
92526 75538 40525 90112 78258 15954 33174 64086 27967 31266
01049 33848 73153 85840 91735 44148 24587

Attention (message repeated) Out

9610 kHz, 27-08/29-08, 1910 UTC

618/34 Attention

22787 68684 26074 65681 58529 92375 64145 58579 89472 75818
35615 55572 87671 14087 58379 70776 73719 59750 64232 19784
94166 81844 37465 12690 97243 57702 96579 71384 26606 52482
70283 94564 87359 69614

Attention (message repeated) Out

E17z

16780/12850 kHz, 05-08/12-08, 0800/0810 UTC

217 438 5 21767 53672 11834 81022 36903 438 5 00000

16780/12850 kHz, 19-08/26-08, 0800/0810 UTC

217 830 5 04537 87875 47152 23486 80331 830 5 00000

S06

13875 kHz, 06-08, 0930 UTC

842 706 49

03584 16108 20847 41685 89318 58409 51955 52561 07003 96456

55857 68034 02372 54218 03833 76701 54411 81672 96046 05739

05721 00388 58181 47778 15632 62861 06901 32023 34522 17824

45114 44278 22750 98686 72952 25610 62662 77316 25412 04290

37103 50334 72588 40741 72867 50123 43456 90149 72527

706 49 00000

16327/13875 kHz, 05-08, 0830/0930 UTC

842 706 49

03584 16108 20847 41685 89318 58409 51955 52561 07003 96456

55857 68034 02372 54218 03833 76701 54411 81672 96046 05739

05721 00388 58181 47778 15632 62861 06901 32023 34522 17824

45114 44278 22750 98686 72952 25610 62662 77316 25412 04290

37103 50334 72588 40741 72867 50123 43456 90149 72527

706 49 00000

16327/13881 kHz, 12-08, 0830/0930 UTC

16327/13875 kHz, 13-08, 0830/0930 UTC

842 193 50

66984 35986 28279 87308 01075 41932 25997 68469 32911 47191

62265 97632 07574 13467 02126 57596 02018 15361 42674 29329

73506 76273 61349 77147 04235 85275 69001 57810 65578 12111

53681 83238 50411 62539 26100 91524 46933 41198 02674 05940

52425 14165 87111 86608 50400 88422 36476 04553 99554 50404

193 50 00000

16327/13881 kHz, 19-08, 0830/0930 UTC

16327/13875 kHz, 13-08, 0830/0930 UTC

842 657 30

23839 25814 76655 82805 33732 16636 34330 72882 12087 45409

49040 29857 60063 30804 53468 88791 86260 57192 51391 53113

05537 62513 25728 78611 77771 25832 45131 50118 10012 71808

657 30 00000

16327/13890 kHz, 12-08, 0830/0930 UTC

16327/13875 kHz, 13-08, 0830/0930 UTC. No transmissions observed

842 901 53

46264 92474 91672 61625 72338 11335 61908 59960 37208 88673

48618 68880 35124 27169 97296 51379 33672 02811 53198 35264

54576 12672 18946 94959 51476 07543 36463 54895 95615 64121

66650 81661 05373 76433 65261 57125 80588 71186 78402 49689

27601 76731 06103 25879 85951 00326 07386 69456 92688 93388

45281 00236 45198

901 53 00000

11616/9322 kHz, 02-08, 0400/0420 UTC

480 235 61

58100 56947 52797 22584 61427 16345 75224 20015 65592 74856
 19399 14894 89609 41004 70195 17900 93392 21952 76397 12764
 69694 26941 86625 29676 79886 89963 81462 99647 94537 16364
 25203 07024 24696 83051 85673 82320 54852 47018 95555 02586
 13483 41835 53645 91466 42139 66837 89498 36171 49006 98661
 39888 63510 57867 79840 10520 42217 88424 64132 21431 03710
 28899
 235 61 00000

9322 kHz, 11-08, 0420 UTC

480 623 50

73031 01391 13477 40928 16034 19613 96737 98339 10478 38039
 66269 64943 97891 45425 46498 41072 45933 85028 53486 80932
 70145 32087 26098 67209 00716 96404 82663 13105 86452 10967
 07811 15269 53153 92528 99162 06035 58555 85119 28589 78414
 11052 22382 97689 82282 44372 69714 92212 15194 65400 32119
 623 50 00000

11616/9322 kHz, 16-08, 0400/0420 UTC

480 521 51

32733 46433 37391 84071 00003 32668 87827 81698 60971 29707
 74123 19376 83751 32672 19717 28422 70620 56345 90483 73060
 91878 73199 28644 38686 20975 57776 18409 78841 63087 98351
 88042 44306 94354 61819 78052 42759 53932 22742 30166 02446
 56072 92491 76805 38286 14408 09430 35735 43859 95637 76062
 17503
 521 51 00000

11616/9322 kHz, 19-08, 0400/0420 UTC

480 573 61

01387 49994 97289 97155 48996 73624 63168 64326 69356 75966
 67730 02073 86180 67658 99488 04591 03640 10444 46621 85114
 24589 77073 40254 11059 20074 67567 79476 47868 42281 42746
 42786 34981 98147 60998 15648 42369 25791 29195 88848 81079
 40965 03717 07349 66213 45720 02504 74299 55791 16457 14084
 39931 13927 13568 14508 29988 71761 79838 28139 93404 84583
 19819
 573 61 00000

S11a**10125 kHz, 03-08/06-08, 1020 UTC**

426/31 Vnimanaye

57564 39326 40330 43812 95845 73561 92278 02187 49491 24530
 69772 17423 42671 57346 63026 48097 11938 87241 07468 96177
 99900 64089 90633 08281 35295 41442 56244 26641 93139 18937
 29052
 Vnimanaye (message repeated) Konets

6814 kHz, 09-08/13-08, 0915 UTC

483/36 Vnimanaye

55911 95017 10495 24930 79278 08787 65327 42119 13014 04838
 94449 58732 54679 34471 56043 82047 17227 80786 48055 96224
 61079 06390 05914 57319 56023 00474 75236 50354 99288 57243
 55569 53687 16473 87256 33365 41602
 Vnimanaye (message repeated) Konets

12457 kHz, 11-08/14-08, 1850 UTC

287/34 Vnimanije

19441 66137 76361 53707 58070 18906 65604 62174 50772 20496
03767 94834 63399 28953 13744 10309 69421 60944 82911 07727
79494 24062 28331 06037 87320 56078 24826 32062 32799 41934
97669 47072 13634 14950

Vnimanije (message repeated) Konets

15690 kHz, 17-08, 0500 UTC

384/39 Vnimanije

72094 18518 82674 00020 58503 20184 33647 60938 87472 12547
62691 12257 38935 27601 64682 33040 62487 81781 77194 94875
64451 20469 64435 12502 90330 91079 87860 91964 08898 08262
22095 49874 18460 84980 88963 43148 93830 40325 87881

Vnimanije (message repeated) Konet

13537 kHz, 18-08, 0510 UTC

656/32 Vnimanije

04232 03516 52230 17409 01714 40549 42008 88928 93205 87999
29874 76580 40752 45890 82832 55440 93095 81471 38221 07494
07722 91871 28735 91336 90185 92746 58208 73707 79524 88739
00033 67421

Vnimanije (message repeated) Konets

5149 kHz, 21-08/22-08, 0830 UTC

370/33 Vnimanije

36108 72421 12644 06364 44881 03214 42988 37283 60291 78847
17142 63415 93443 34471 81892 72694 08361 11273 77788 12754
38998 12673 68303 07696 84584 67866 06601 70556 10379 91860
77588 49393 48419

Vnimanije (message repeated) Konets

9339 kHz, 23-08/26-08, 0700 UTC

475/39 Vnimanije

90612 54561 08487 83441 05208 69412 32532 30732 70795 48357
49892 48042 76630 02262 60679 54656 05222 75941 98449 59432
11939 54001 07851 68323 22067 65474 47387 11480 49220 08338
37671 13481 52373 20228 44548 41115 28008 07694 20216

Vnimanije (message repeated) Konets

V07**13464 kHz, 01-08, 0300 UTC**

415 415 415 1 300 95 300 95

89187 35658 18095 56552 10930 40763 01911 15573 70681 05782
43847 01032 26175 42785 28464 69381 40670 81661 32228 04805
88398 82718 68979 08008 38034 40773 63452 61956 91141 15357
78376 21432 80136 34363 26526 48124 42203 28406 74500 75228
71706 01522 67548 11033 21818 61080 50007 72761 81187 67433
38471 53193 26999 73109 25151 03980 78072 16421 19262 94149
37124 99254 89746 04255 41372 04896 57801 95833 14561 32332
56235 88405 49358 31448 26263 36099 08300 25928 44443 63101
61059 85461 87111 58519 42425 47821 90232 41884 64597 67726
86929 96622 73643 04122 78543 000 000

13464/12164/11564 kHz, 08-08, 0300/0320/0340 UTC

415 415 415 1 294 124 294 124

42104 17259 14657 38521 76682 19830 31913 29370 86940 11156
86147 98724 92564 21761 65201 45232 73640 37887 71685 52101
59366 86989 91632 53507 85694 07748 23550 94358 56667 16329
70177 52989 78262 44267 56821 34219 71546 21883 17095 97040
50695 11866 36872 70953 10819 01405 62083 94486 65341 55101
09310 71357 76859 37279 38670 83714 43107 67890 44636 12266
98077 50273 71424 57536 57083 79901 03372 21520 07370 39306
45981 01855 02086 56957 99444 77907 82400 08278 70359 86285
74906 99917 93845 39304 12617 47121 33151 29979 37902 56306
53328 86660 29131 39242 24295 02162 82646 62853 17676 67762
0130? 18117 70857 79571 83345 93880 24649 41967 53987 11431
04985 20814 86797 05882 85430 81882 63744 34686 55387 30288
80808 63323 80922 44429 000 000

13464 kHz, 15-08, 0300 UTC

415 415 415 1 5617 108 5617 108

30159 38994 70328 23236 35854 69103 60586 ?4045 98689 14981
36049 08570 26295 37712 68067 32748 96194 ?8038 06395 52252
36019 71979 16848 06315 97996 41416 46018 22584 12183 65600
66443 00601 87904 83057 66614 86497 53812 25604 04124 95788
20648 54234 48438 48952 29810 89203 80035 31238 01101 35211
40497 29394 04177 62391 77885 75176 64331 24361 75866 02736
27658 11937 75585 53401 98514 86579 44666 54337 45193 24689
61902 57027 45555 54642 97129 10825 62024 89159 61258 90628
18800 95490 83573 23823 97908 89395 28049 99164 61079 79824
71633 31636 09175 32909 08572 59484 06730 42216 81544 93849
2676? 86911 92960 36094 51457 75625 72737 30561 000 000

13464 kHz, 21-08, 0300 UTC

415 415 415 1 6078 108 6078 108

12990 89207 62684 04426 58851 32513 75709 00425 70679 68443
32157 32350 50569 28993 95229 72317 49299 44582 18014 14013
11082 74418 57691 96641 32200 59323 94796 50082 42879 16952
61515 23516 23534 84283 73893 15006 31284 30598 69335 75742
37843 91215 18320 37559 77935 43936 12486 15591 67669 58972
45456 07351 46797 49015 44967 13457 40315 95478 28627 32168
17453 47380 52002 81618 03320 11293 48146 77439 37089 37967
05362 63355 98563 04862 39175 17433 00302 68468 17822 70861
41898 87187 41604 28086 10564 19671 21286 38704 74127 11681
52251 41227 56197 94823 80814 98601 89289 36367 28853 27796
52401 85309 ?5008 10852 79889 63050 365?2 30112 000 000

13464 kHz, 29-08, 0300 UTC

415 415 415 1 399 44 399 44

67332 10026 62752 52934 77521 80179 91657 81832 41109 36893
33706 51736 32611 42672 52818 88052 21270 36006 67086 30523
46570 68265 72798 22325 18384 90424 82563 46723 88754 12310
98752 53103 75850 86702 84255 17839 60604 95247 30970 28787
05275 15590 05311 46709 000 000

VC03 - Chinese Air Defense

5999 kHz, 12-08, 2143 UTC. Chinese Air Defense. Male operator reading bearings

MORSE STATIONS

M01

6780 kHz, 01-08, 0700 UTC

025 564 564 30 30
63821 48372 75945 09374 73456 19574 09473 56327 81643 90981
74839 16473 18495 88712 94753 90473 77343 61925 18483 05937
81734 62539 83264 09364 84937 82905 71945 94861 09473 95638
564 564 30 30 000

4905 kHz, 03-08, 2000 UTC

025 586 586 30 30 = =
37564 93501 58131 85749 84930 84756 34958 60151 75685 05187
49586 40195 94857 82304 85475 95769 31351 85709 01356 58345
09826 84751 23851 64983 74658 35187 89674 72195 76849 43459
= = 586 586 30 30 000

4905 kHz, 05-08, 2000 UTC

025 763 763 30 30 = =
85766 74898 24352 35400 16538 57489 58769 47568 55621 36457
64755 63871 23123 44254 64700 47612 31425 88670 47624 66478
88576 32411 53467 66533 78498 46500 98897 57688 46512 34526
= = 763 763 30 30 000

6780 kHz, 08-08, 0700 UTC

025 097 097 30 30 = =
78329 47893 01284 56856 83915 79823 57275 09090 54390 57891
65931 50256 44872 58583 59823 02003 54586 51215 32586 75561
08080 32335 78943 57391 63498 09020 44334 87875 98247 56550
097 097 30 30 000

4905 kHz, 10-08, 2000 UTC

Errors in red. Groups 21 and 22 were not repeated. 963 sent once in the postamble

025 963 963 30 30 = =
96864 36572 08850 46300 65747 45045 46237 84751 12345 98765
56384 93760 19675 35463 **7676 7738976376** 98765 12457 36963
57868 46677 94449 56286 01860 46500 46375 19573 86735 34345
= = 963 30 30 000

6534 kHz, 14-08, 1500 UTC

025 214 214 30 30 = =
35422 87590 35455 21321 24356 26577 98079 57648 68850 65700
35426 46537 85769 77689 09870 23143 55466 77809 21304 01209
57801 34251 56749 07986 57648 68902 36527 86909 27618 58790
= = 214 214 30 30 000

6780 kHz, 15-08, 0700 UTC

025 231 231 30 30 = =
46376 87900 21332 46352 78509 28354 11332 33547 59800 25417
36527 48765 22009 99487 48710 29813 37628 48765 39012 30912
27634 48790 49813 24315 65244 89012 90223 44536 18722 09900
= = 213 213 30 30 000

4905 kHz, 19-08, 2000 UTC

025 501 501 30 30 = =
47462 12348 95607 75931 75934 75068 32463 28573 86091 73645
75869 25132 47121 95065 84750 94756 84751 74634 57932 85712
85098 45623 65748 76710 91836 84951 84756 90391 92745 68234
= = 501 501 30 30 000

6780 kHz, 22-08, 0700 UTC

025 724 724 30 30 = =
46578 90988 47658 35467 24356 47810 09809 35462 25465 24356
96987 45363 24133 46578 06879 46573 46578 23132 34254 45367
34254 12213 43545 56748 57689 46578 09098 57687 23143 43511
= = 724 724 30 30 000

4905 kHz, 24-08, 2000 UTC

Errors and long pauses in callup. Runs all groups together. Long pauses between groups and incomplete groups.

025 050 025 516 516 30 30 = =
4653745370068799687321443214435654355457680576808679586795 6754367543 2312323123 3245532455 547 6 65476 746 5
874658978690 9786 35 42135421 664536645397088970881432514325793447344758697586900 96800968 76 38176381
6453764537 243152431533645336345 7586075860 6786097860 65 821658213425534255 6474864748 99585995852654326543
= = 516 516 30 30 000

5280 kHz, 26-08, 1800 UTC

025 369 369 30 30 = =
45390 45672 96320 43852 47389 37284 09462 46281 26478 47362
75747 38295 30941 57195 37589 57295 49031 46289 14678 36289
20947 57284 29046 37281 49275 20952 30902 46289 26583 36785
= = 369 369 30 30 000

6780 kHz, 29-08, 0700 UTC

Errors in callup (025, 250, 05, 20). Runs most groups together as one long string. Different repeats in red.

025 836 836 30 30 = =
65784 87620 67855 87654 76890 54421 00764 75843 23117 93523
98065 91209 78437 85621 09732 16923 75421 13469 83469 86542 6542 134521 14352
15438 19120 99129 33854 55521 74551 7451 46791 656791 41423 71856 09712 65416
= = 836 836 30 30 000

6435 kHz, 28-08, 1458 UTC. Early start

025 812 812 30 30 = =
43562 54789 12064 23145 34578 12407 45672 43521 45890 11326
43568 97513 54328 43275 87601 38512 46578 56784 89012 43267
75489 32654 23789 06745 12075 32465 66971 32640 42618 37512
= = 812 812 30 30 000

M12

14377/13461/12114 kHz, 02-08, 1130/1150/1210 UTC

317 317 317 1 1384 92 1384 92
68826 30199 27184 70398 11709 76106 30296 13198 93880 15575
96090 41839 78026 15122 49318 73807 11457 60281 05800 13528
53251 03912 13757 54540 03211 81306 47611 88937 31069 67225
77127 20132 99858 47549 64276 92615 08159 76449 87508 32584
92838 25358 93981 08360 82141 99193 67875 80866 22959 47798
49976 60318 33411 25233 90798 53546 21219 77108 77672 87737
94458 32980 35956 21314 43145 14970 85177 77625 58204 28110
64592 53996 82272 73279 45158 60193 33864 39241 47756 26487
95325 12906 41962 54538 71754 68586 95223 70502 00176 28021
70100 87779 000 000

12148/10648/9148 kHz, 02-08/05-08, 2000/2020/2040 UTC

374 374 374 1 1228 89 1228 89
79023 37006 07036 00221 50552 33459 02244 99910 88561 14552
67357 15817 24573 12887 89780 09874 26174 04556 29159 53319
27809 71081 07732 45256 38384 04080 13589 46139 90510 47030
71728 03527 17137 36112 36530 64029 72125 71205 28571 14811
32234 16329 23429 99508 76929 37947 59934 93304 53159 98122
93277 29550 46626 17760 05378 51388 86978 08404 32150 28863
87604 55332 18603 94005 19578 87752 10746 57187 95590 68726
78624 94410 36694 27858 69116 33504 70865 71429 12567 79308
03261 68499 12637 22797 28989 64170 11334 58369 46614 000 000

9317/10484/11552 kHz, 03-08, 0530/0550/0610 UTC

135 135 135 1 8942 106 8942 106
36930 04827 46151 30163 75091 28110 21021 91759 19489 93773
48454 75028 12625 26831 23562 80291 81475 37473 31477 82227
34351 13736 73009 98971 51197 18883 58928 37864 09116 00477
03411 13480 25801 83826 20220 60927 04013 23807 93051 50007
72115 00105 13119 84778 54756 89715 59959 82852 11856 52962
12312 24657 03059 14610 65247 36190 60084 36827 35372 81354
15856 59948 62751 02106 45347 02518 23648 02519 37430 08862
59289 52386 24756 26361 77913 71936 24892 20743 88756 89878
44144 89052 32014 85823 28933 99455 83252 72443 20229 57518
20536 55815 95503 09596 51481 15747 14362 77996 23284 75288
62542 06624 08434 41876 30634 29543 000 000

11148/10648/9148 kHz, 03-08/05-08, 0700/0720/0740 UTC

161 161 161 1 941 168 941 168
79512 75799 53061 23898 06356 68354 18965 82656 34429 72214
21150 10135 78975 34014 87646 50520 91473 48278 95179 99074
05300 61082 10472 01789 86206 75283 88102 53691 97317 16353
44989 68365 74425 65075 72047 96519 08970 87762 47174 19502
97419 83108 55596 55327 29279 59327 34128 61145 54663 90741
95570 98675 71747 37825 72313 19665 56373 47437 47760 72456
10637 63939 40408 86393 93589 70072 27553 74874 12666 51838
03191 72496 85943 95855 80071 73369 03590 32341 71959 30887
31649 28276 91474 04356 54008 99024 02826 54031 71991 27487
96918 65599 38327 96962 53325 65671 86242 24557 99446 08788
91240 25198 48624 45953 89629 28058 37566 09109 79211 79409
18016 65326 54203 70755 51052 76083 98591 67429 18281 24622
85253 98926 46316 61109 65079 82586 13549 71844 39964 99269
80340 45067 24394 31295 79952 82667 49399 22883 18085 49096
37462 76542 80427 87300 47879 68481 85758 90056 38841 57986
58722 04366 12180 69621 32203 29272 98891 68360 71258 50608
93186 99627 72109 25764 60958 31189 84553 66254 000 000

14681/13881/13381 kHz, 04-08/08-08, 1600/1620/1640 UTC

683 683 683 1 667 89 667 89
73830 14543 93071 46146 82421 92479 37839 31497 37627 59988
02142 70389 28091 47197 37468 49335 09893 78178 75430 69414
04851 71372 23388 86436 92734 79806 85610 74397 79946 06425
88289 92620 87349 50798 97557 25648 86792 68196 68399 41984
73412 81847 22225 63504 58004 31438 25004 80159 32609 91320
57955 64016 31677 03008 97538 02408 69931 02323 23793 35474
55928 94369 76248 38083 84439 53634 84700 12567 69651 52039
00962 36360 91794 46615 33877 58368 64784 41062 03073 27662
59076 81473 69345 86639 26411 19286 28485 64431 76703 000 000

12162/11566/10711 kHz, 04-08, 1710/1730/1750 UTC

546 546 546 1 4051 111 4051 111
82990 11340 87808 19058 82173 47956 98582 72195 28468 57291
06068 61166 32771 91981 88105 08497 64935 28806 60421 00658
38482 25018 76289 92418 13925 83895 92803 89103 78718 97521
76477 08224 86058 57241 90381 25735 08677 38133 96854 17132
15012 73564 51974 00384 76811 22739 53304 47450 02588 77114
14385 46909 45269 18830 35784 41033 40598 00449 78365 40896
99811 56541 36564 40378 13332 52120 42074 52483 44036 02611
47114 56485 24236 06829 15433 63971 25916 71928 87620 92675
44429 82777 26762 74179 87540 39224 46217 80717 44256 10993
41877 78026 99423 54594 67904 35078 30299 38440 90458 50910
74056 71823 18242 96430 79184 52429 35870 89732 10108 18028
85513 000 000

9052/8052/6952 kHz, 04-08/07-08, 2210/2230/2250 UTC

992 992 992 1 1547 122 1547 122
41759 56379 51941 99652 83076 13131 66259 44653 41687 37873
70093 17988 80860 07677 77361 30762 18580 74602 01229 44893
66119 39878 25411 24935 21676 46902 00273 56061 70801 63503
15036 83502 16521 00719 08071 80948 46932 98022 59775 58779
62010 50546 30979 71262 87863 20573 25821 49245 21810 77025
11586 87613 66072 59847 11593 62971 26290 32874 67974 23855
85005 34852 31174 78281 49909 48367 96986 12116 19986 10507
86272 70624 45545 68919 01856 51560 44224 87264 91440 08847
90516 94142 76400 40376 09736 10690 72702 07263 97310 15319
91213 68813 36729 02477 10539 07438 58904 43949 84445 52304
31391 50263 84618 05107 01260 00962 65562 50794 41374 46878
31167 66585 33777 60913 96188 38150 42658 21628 48534 40900
81388 43707 000 000

13386/12189/11491 kHz, 05-08, 1110/1130/1150 UTC

725 725 725 1 8463 98 8463 98
60727 40146 30199 47925 23163 16882 79020 26161 59835 98501
79075 38096 71318 49897 75210 24813 21772 71466 45203 36741
90533 46663 99954 64581 25122 22186 57404 16338 85836 46666
90828 48211 17897 25912 00202 67867 66417 48119 33226 17864
97546 88791 70634 52612 33718 67041 98127 91049 61192 26970
90740 69350 08382 98455 42225 21796 98231 80711 97448 87372
42326 78587 42390 15963 81235 67747 48961 75074 05946 74546
27644 20969 90003 62673 75222 22877 22374 61528 65374 04819
47719 75411 01287 76356 47486 01472 83773 45277 17308 43407
31245 73849 60693 74552 23585 73301 76399 60225 000 000

12162/11566/10711 kHz, 05-08, 1700/1720/1740 UTC

546 546 546 1 1874 113 1874 113
44449 72426 12236 11525 71014 26729 21543 60080 22008 16627
98472 24296 04223 07700 11612 41922 60449 46720 27029 80778
48526 81247 14079 00738 40507 30414 33248 74180 23248 77329
83484 43552 87004 71582 58825 07019 66126 99404 49652 53290
61503 04124 62355 15835 86548 61290 65003 51196 47267 15101
05842 95026 82227 01210 04970 04967 09289 17683 90927 25997
93900 56141 46346 99425 35470 95697 54997 79273 56168 27458
30733 38191 09166 97478 97789 74798 20014 47564 97253 64408
52778 53845 90219 98921 21729 14152 39702 93328 19115 84163
84286 45486 12222 93280 64730 39671 73523 86838 48557 96995
52266 37983 48779 87083 34805 79161 60716 40859 06003 51758
15152 03109 45376 000 000

12162/11566/10711 kHz, 05-08, 1800/1820/1840 UTC

546 546 546 1 8554 106 8554 106
03884 44019 39579 12334 19979 75077 67694 43153 09761 48293
07910 04097 83242 62524 71794 21264 82136 97594 92284 66344
13045 99978 82448 62873 87685 49947 57712 52687 98805 78798
47615 47190 00492 04213 45003 09537 61962 81658 80677 83884
26564 97675 41824 81763 98635 38234 61794 96323 15804 62438
75244 40200 04339 34975 28522 40689 14947 08240 93213 62501
23686 90920 44318 55868 41475 85395 25576 87187 09046 59127
13926 08927 36068 88640 84088 51910 84113 85306 98803 38367
63629 73031 88719 95939 25580 95944 68344 57826 55988 00713
89964 07819 13595 94364 16774 76699 97705 69794 79724 19038
66072 22226 40819 35438 07426 28422 000 000

14377/13461/12114 kHz. 05-08, 2000/2020/2040 UTC

317 317 317 1 3336 105 3336 105
28958 46802 23798 53495 17116 18759 46747 42412 97253 01850
38389 56897 58317 65214 38376 34576 00245 52952 74546 04077
48617 55625 00026 56962 35796 92805 93791 13179 95701 63371

44453 81647 27565 73115 15262 78789 69190 58252 97697 20044
32119 92736 04841 36550 80585 49299 77235 37901 21992 58183
64535 36365 00838 21487 56538 71569 57452 32882 64341 12519
43208 08158 11669 26215 02660 03126 46475 25372 51391 58659
50368 26697 66894 56907 72590 99745 26631 42883 59396 82456
88582 24469 29145 90579 28171 79621 65286 30818 98280 67846
76653 97874 28142 76381 82489 46274 00164 09646 62166 16763
04037 42759 35124 26592 80814 000 000

14377/13461/12114 kHz, 09-08, 1130/1150/1210 UTC

317 317 317 1 1245 96 1245 96
38974 35087 80327 37959 12765 85540 88006 56528 51828 30632
96914 11215 79589 09261 71774 93582 89220 18855 43370 56038
37914 89275 75497 87277 10706 37968 32298 09072 26107 99401
73356 30951 09581 53406 96544 59637 33951 98625 90552 30281
54331 08911 34678 69971 77256 91911 47711 89530 19511 54875
30474 82872 98796 66459 73670 81030 53168 42063 50810 21544
99288 94776 61567 67112 45723 65467 66681 50278 94306 34144
50320 31941 49199 95751 54332 02759 13021 53487 40763 03306
87628 07090 13359 19874 61987 46692 68791 36731 83476 06262
04569 78853 30063 26445 41465 54423 000 000

16251/14951/14451 kHz, 09-08/12-08, 1600/1620/1640 UTC

294 294 294 1 7983 66 7983 66
85031 93585 18283 32745 85530 78277 79682 34924 59253 18599
75665 58046 42681 98784 72289 54055 58760 38211 81185 47215
03480 67727 77120 14776 26191 28551 33459 72664 30859 83003
96365 13032 54783 08621 88197 34990 66105 63419 60364 46752
51094 39184 99966 20667 00144 11897 72481 65546 50281 05605
07192 45949 34021 87709 86125 68350 94449 33639 95536 46878
14098 78677 28316 82928 93305 20301 000 000

12214/11014/9914 kHz, 09-08/16-08/19-08, 2110/2130/2150 UTC

209 209 209 1 126 71 126 71
27638 72757 61479 79328 90567 90537 49319 90728 28488 06998
83810 55242 62160 66360 31299 48453 88480 50245 71189 68881
12840 87778 60249 67277 64062 97025 67827 68076 33970 64180
47834 62138 86894 63741 13659 32620 74286 20257 25749 26772
18305 60111 87267 88254 37366 97337 69145 28443 21981 69684
77337 82113 45623 87374 59553 66327 86011 59153 88798 04027
72413 72286 27121 43393 18221 55291 59359 02175 06360 19043
76150 000 000

6784/8184/9342 kHz, 10-08/13-08/19-08, 0030/0050/0110 UTC

713 713 713 1 610 94 610 94
41625 27760 23669 17404 51996 13633 94687 63220 85841 09966
61252 67346 23871 54892 73621 99710 49736 90956 13241 47603
38949 58238 51487 02682 12466 44543 82845 06789 94876 78428
42174 10795 23483 12510 65336 83685 05335 72173 63478 29107
02210 97288 95630 83138 16410 66318 15178 97560 24421 66956
70484 29267 61280 39269 00307 26863 04917 24350 65563 11143
49965 83034 71860 26644 02661 55971 02508 36890 47246 20872
27228 53091 50651 60526 39997 08252 85471 52733 46461 04739
75457 75546 91731 82402 10540 02627 23303 57000 52314 91128
79685 47966 75862 63639 000 000

9317/10484/11552 kHz, 10-08, 0530/0550/0610 UTC

135 135 135 1 7442 111 7442 111
11473 96418 34122 94536 37817 08559 43149 52947 50195 02306
13944 43392 11923 11111 64061 25857 84488 04795 19026 30954
85139 63231 84724 67132 65765 74807 16308 23081 71387 72879
69528 38482 24269 20631 37225 51897 46101 10025 48258 38785
66456 86373 19518 63257 10476 45732 64030 81532 57283 54896
96103 62682 39956 78200 48932 47531 24012 02994 55618 57626
60067 16879 87270 98836 59264 91746 61374 13330 33195 82809
78351 77317 08413 74538 54522 17205 72759 77767 30250 49068
47523 23039 04350 71815 96854 52918 26621 06417 46476 96653
20918 88978 94946 38049 07740 22195 86385 26433 17627 07902
06153 52506 56020 20193 74718 30460 52065 25849 01477 56424
96975 000 000

11148/10648/9148 kHz, 10-08/12-08, 0700/0720/0740 UTC

161 161 161 1 455 56 455 56
56829 05591 55125 99501 30206 77308 03400 27745 56994 46441
67444 17355 54612 50047 64493 91707 27722 38613 12772 79156
51471 23034 58922 88133 90573 38410 77834 98493 76458 06317
38487 22074 66544 31106 76903 33698 56845 69121 01777 02498
62493 55959 04176 54528 49693 59132 71563 06686 92176 45534
78611 61876 36064 93567 50389 30355 000 000

12162/11566/10711 kHz, 11-08, 1710/1730/1750 UTC

546 546 546 1 4586 104 4586 104
04144 40833 33336 20793 23571 68812 49341 07453 49374 61474
48858 78437 62719 97177 46169 20724 53167 50964 13076 22185
99790 86155 60191 30033 88535 05407 08974 66169 88407 02153
12846 13349 22175 81345 68344 04564 84865 80513 32766 67658
98606 38395 78791 84526 85211 30678 37974 07791 96556 55758
21380 45483 21612 98951 16506 19656 83195 14070 42968 89426
66247 66318 48914 90751 57256 87918 25480 11629 51995 53719
72801 84678 97136 84012 83466 38291 49720 97371 74930 89627
02580 47247 01764 99826 01304 44158 42920 13816 15991 66290
81366 99536 06653 71562 50765 52488 71140 38350 28545 48353
51675 83700 75659 54125 000 000

9052/8052/6952 kHz, 11-08/14-08, 2210/2230/2250 UTC

992 992 992 1 1215 116 1215 116
03209 77109 32517 67919 03991 19977 85438 95001 50311 80620
85312 45938 48612 46270 61370 94594 76083 99713 62748 17695
62850 27724 94767 10347 30660 01673 99677 60895 29302 28314
86015 16441 71930 94813 34882 21329 38989 40153 63360 81157
35212 85230 85886 82465 13974 28754 83128 69313 79249 96323
51811 20192 30905 92586 54483 54757 50313 71087 84562 66311
26685 87493 93022 95131 90506 28706 47805 55558 52545 68295
18604 10618 17313 57133 05554 42799 81790 67267 60579 71036
65727 80129 72891 49446 13258 84206 69740 15925 96396 20631
84278 89938 06530 63663 36884 32700 89503 64623 65742 55521
49646 12741 50298 54165 38373 74422 96446 80436 46989 39496
63609 41421 86819 45469 76968 40025 000 000

13386/12189/11491 kHz, 12-08, 1110/1130/1150 UTC

725 725 725 1 3349 99 3349 99
90466 82616 59488 15860 91636 28339 81654 20521 47633 10092
69769 74094 98328 33945 09656 15305 17302 84956 80681 53359
80631 73108 11942 25299 93377 03841 72816 11995 52975 70268
91459 46961 35790 92870 15343 64610 91251 68211 41371 04965
41457 47913 00751 22284 10766 91523 25066 23652 98081 34868
72124 34888 21780 50193 65514 29943 53936 94712 38884 70276
32922 17971 35353 82311 12069 86667 27289 24614 24998 84355
56064 02224 40309 63450 45278 73081 33001 57649 02370 10892
59851 94377 71310 10293 87060 22566 64066 35491 14861 88269
17953 89158 78601 21656 55272 38442 49875 84428 96853 000 000

12162/11566/10711 kHz, 12-08, 1700/1720/1740 UTC

546 546 546 1 6733 110 6733 110
35418 30724 66210 53482 05805 38362 72195 64973 74818 41077
33895 06454 46197 35263 13254 66710 17689 34144 90438 12835
99445 97359 48242 60203 83713 10263 37361 23230 51650 17912
10896 51204 84615 64629 38997 77212 40132 38496 00191 15493
60619 20919 79179 83292 80769 26086 22276 44949 29209 18393
71575 53026 60056 46415 33899 88677 32049 07411 04773 18644
54239 33587 66253 39665 71295 36985 01221 90655 72645 31149
12087 31289 63806 44933 33008 55841 74566 71358 77858 33671
81806 81002 83871 18139 31446 64414 18032 66407 50239 38037
51287 77340 37850 93545 53163 29043 73049 05155 82903 82620
03671 10655 76812 06360 31997 23124 02843 47238 99697 13873
000 000

12162/11566/10711 kHz, 12-08, 1800/1820/1840 UTC

546 546 546 1 8933 112 8933 112
38043 24355 71151 16808 99627 95976 07008 92847 48865 31845
48019 31774 75694 90161 98424 01973 77511 17914 74000 92825
20136 54779 22036 00472 21013 47324 83711 75146 79212 53740
97092 10001 71421 84928 48915 39887 10815 03899 75138 54004
14455 07849 12120 72360 56021 97639 89746 75364 34498 43831
21308 53246 30541 24662 19727 12046 58327 65761 33901 28985
07209 34127 33770 46364 66059 70704 22286 86324 24598 96196
55238 37601 27074 01801 83022 21079 18749 69802 19211 43747
87188 25016 16919 30687 13879 80907 84601 47857 19741 59118
47965 58389 16937 70905 51006 26464 99823 15946 54965 49364
40152 26893 84740 27696 10549 11451 22729 98290 47917 07563
73302 35750 000 000

14377/13461/12114 kHz, 12-08, 2000/2020/2040 UTC

317 317 317 1 8301 109 8301 109
89300 08438 79121 61711 56231 83968 41348 91970 20086 32794
47082 27981 69853 55731 42009 56467 55913 71415 21053 32441
85470 27997 62306 19616 30588 22566 21059 01201 92548 08992
35377 79598 91234 52705 07506 15008 33642 68282 05321 70202
81831 60215 19505 65707 70885 44388 03070 24226 65121 10274
22125 82087 26325 89803 23440 19664 41646 71712 94454 55555
12142 88624 86343 00957 62683 78900 90842 10217 94573 31023
01306 95314 98614 87911 08877 17959 68760 76873 56168 23698
62803 13524 26718 11006 18185 36196 30602 40628 41630 99986
97262 80950 42651 89783 05722 01776 47227 50074 30123 14022
92056 40042 63186 70485 79949 94580 60557 16762 50658 000 000

12214/11014/9914 kHz, 12-08, 2110/2130/2150 UTC

209 209 209 1 126 71 126 71
27638 72757 61479 79328 90567 90537 49319 90728 28488 06998
83810 55242 62160 66360 31299 48453 88480 50245 71189 68881
12840 87778 60249 67277 64062 97025 67827 68076 33970 64180
47834 62138 86894 63741 13659 32620 74286 20257 25749 26772
18305 60111 87267 88254 37366 97337 69145 28443 21981 69684
77337 82113 45623 87374 59553 66327 86011 59153 88798 04027
72413 72286 27121 43393 18221 55291 59359 02175 06360 19043
76150 000 000

14377/13461/12114 kHz, 16-08, 1130/1150/1210 UTC

317 317 317 1 1721 92 1721 92
01230 94585 65322 20765 59846 98460 40345 09933 16413 89283
82087 02760 19870 62962 21424 84618 06632 20474 71222 17707
60660 77738 66689 42548 67115 18102 16631 00025 42088 15437
82220 98409 96707 99279 42293 46334 64823 94332 25935 85918
12732 69296 25063 57468 55947 93934 86152 36407 91469 65290
01232 52263 29848 63549 82498 40240 31933 73836 14865 92083
30802 77347 49759 10500 24178 34738 20406 33905 09451 16264
96971 88029 39055 45795 71540 20656 71099 50698 52612 09807
69316 80478 82551 18069 38700 54429 22570 78920 46900 37190
18204 71201 000 000

12148/10648/9148 kHz, 16-08/19-08, 2000/2020/2040 UTC

374 374 374 1 597 59 597 59
18567 95694 11824 01318 78938 40071 38720 78421 97102 22179
03803 51694 90961 41555 03762 20393 24877 97499 02816 49138
76091 03215 26217 69859 09519 13708 51999 33109 08168 69681
24625 40154 53509 89130 13508 85908 48924 23293 14041 31609
70877 42281 79941 70339 07133 12246 49223 85483 49312 60709
49682 13411 49124 04445 97128 33105 23295 43161 88001 000 000

9317/10484/11552 kHz, 17-08, 0530/0550/0610 UTC

135 135 135 1 4143 113 4142 113
65661 70414 29586 96915 23415 73552 40469 20544 29570 08443
91777 30504 44899 14884 90562 27714 98122 22686 24400 81578
59604 86055 52465 53667 98911 46564 11028 92174 61131 90854
55809 79480 20304 42175 31820 76601 47029 62031 97271 57097
78191 36691 03466 40118 12855 59105 96724 56006 96110 63517
56905 40546 35532 46120 79158 51648 23930 36670 41642 30796
01309 55420 34054 95139 79415 63624 44788 00934 82477 00102
88408 07143 28175 97263 96880 55744 52606 59698 28492 90717
38463 10593 50697 01100 90280 02861 47661 77965 44762 21411
79608 35652 91878 74080 22455 42658 87743 41587 21446 35975
81619 55054 09073 14444 68207 17092 82899 71557 90036 30604
81539 99548 75125 000 000

11148/10648/9148 kHz, 17-08/19-08, 0700/0720/0740 UTC

161 161 161 1 926 122 926 122
95200 99060 66982 23889 98604 97636 52528 01440 77276 82006
10891 67872 03385 98103 02766 80977 65564 35918 31432 19437
21640 81483 72247 97844 87105 19660 17101 74630 04588 33875
69824 19289 54602 34534 79879 08413 18009 93172 94147 97071
88405 05155 84664 10502 69060 88611 45364 12627 12464 71946
18761 81603 45590 81841 99547 78150 86327 31441 32016 96029
73857 20080 84328 38128 71751 18561 15325 41853 61195 15729
69320 63653 15203 37567 16244 77570 61124 53039 62415 95402
99216 77171 67900 12536 56938 71520 00362 17663 13428 08708
60001 96177 12595 04668 48344 54586 16405 98867 33902 03939
08186 09301 60757 56057 07664 04304 72701 05298 08321 57085
98930 02577 08136 44377 11866 49221 08057 59099 83275 15750
90121 69375 000 000

14681/13881/13381 kHz, 18-08/22-08/25-08/29-08, 1600/1620/1640 UTC

683 683 683 1 5574 97 5574 97
35173 59676 97433 61850 51628 74793 96633 35068 70749 82268
54061 90058 17309 35799 08675 27684 56431 38486 60175 99064
08451 66964 68156 35448 17295 48700 24199 31689 02888 94368
12568 35053 62225 16883 61247 90272 98307 03627 17022 86675
48037 70737 05950 32057 27808 41688 19246 51245 49348 51096
92874 81603 02156 86566 00635 51932 37490 69186 96854 94723
38671 45421 42546 70050 14376 58477 52228 99032 97415 10067
70862 70467 73034 99642 11652 48273 73571 71620 46774 37974
72084 55719 64506 41393 63245 56470 60456 24278 91499 40244
43394 17816 14275 96246 57511 68653 54338 000 000

12162/11566/10711 kHz, 18-08, 1710/1730/1750 UTC

546 546 546 1 9561 109 9561 109
20830 50870 17481 02091 49701 46946 78265 44843 63701 59147
94131 23716 90412 25836 53664 01695 44567 37852 16673 59688
01771 57580 06862 45749 56315 96828 15805 26751 52041 47059
92183 38622 98298 48709 88133 26890 16238 94971 40432 69056
59961 10850 79710 25909 09085 74806 35335 16627 95464 43229
19965 59013 71787 16369 69730 45331 41615 36779 25580 77593
79633 12651 05608 54623 49667 04822 79303 54384 19168 68504
30358 72052 73333 12662 11882 58071 19789 66716 34756 75727
42883 12433 81240 85547 44599 63314 91806 90947 41477 12258
20342 06896 78384 73170 75063 39727 40822 97376 21089 58630
70440 69619 09611 70054 99317 65267 42329 35326 00285 000 000

13386/12189/11491 kHz, 19-08, 1110/1130/1150 UTC

725 725 725 1 5600 91 5600 91
65250 65745 04910 86067 85317 57803 39855 27539 75602 99183
59732 12074 86711 05357 01669 28298 56067 41434 06780 18591
36503 42149 42919 26037 80017 43868 43374 90033 20031 04798
58212 35338 04465 86459 15695 89706 95873 51140 46643 85472
30296 91264 37369 45639 75045 49267 25072 93813 48596 63958
28075 89742 09692 77649 16595 80078 19674 35224 95483 52579
96567 52126 89960 03848 25400 52650 64389 54008 03065 05882
14196 32561 35519 45165 63767 94749 04828 22415 28395 48861
44126 86517 94161 87237 11902 89702 06025 53569 57246 77786
75590 000 000

9052/8052/6952 kHz, 18-08/21-08, 2210/2230/2250 UTC

992 992 992 1 5328 78 5328 78
61237 70586 89098 72863 30635 84864 51420 95803 93272 12659
03524 57553 22059 69136 43513 12353 35296 62514 12758 39582
78715 77892 78093 76392 06325 11453 14584 07420 32234 06563
28777 21757 95134 02237 94211 42494 31479 03152 39176 03184
94387 95517 40088 29735 29159 07084 04245 94045 76838 79403
07036 86142 46137 30371 79784 97834 43798 31261 84827 15382
37240 57881 70912 34272 78447 64613 73424 75864 11094 51545
25038 26628 79002 71547 40591 23959 64830 87570 000 000

12162/11566/10711 kHz, 19-08, 1700/1720/1740 UTC

546 546 546 1 6192 106 6192 106
63843 41925 99782 68088 38657 84604 33302 07319 39350 37963
20118 73665 05972 65651 85894 44143 04962 22124 34668 79634
71255 72264 35834 56359 34327 59106 48805 91315 90480 85222
16030 37080 70199 46874 42100 39518 86985 78592 21507 99486
16578 85027 31991 00242 61942 27121 44746 21296 28228 01686
86069 07045 13712 93429 97279 88652 11262 83156 40845 80199
67390 03361 20524 01084 52964 99810 77755 37392 40443 35695
70254 48647 14163 53960 27169 47431 43962 74111 51920 09818
95982 08559 63322 85435 02854 18869 59341 83042 89614 27692
44557 77330 20964 79814 45016 15612 41934 03873 19630 89966
38558 94486 11216 00614 31172 49608 000 000

12162/11566/10711 kHz, 19-08, 1800/1820/1840 UTC

546 546 546 1 1185 105 1185 105
20869 27951 83818 15486 00857 10140 78294 31910 34667 99500
45991 11298 16443 01875 96282 53177 14146 18383 19029 70237
80840 82165 79416 64981 17033 05995 51899 16638 96625 24862
20316 09410 22210 51424 08602 41781 57362 47738 11436 64419
09612 34381 81604 59586 83133 94236 96680 60239 03829 94381
68651 68283 91921 25808 47296 45843 40429 10063 78300 83607
46306 96797 19858 87620 25160 63187 09878 86360 42082 79811
16305 84790 65817 21160 13026 94242 64966 35820 39354 83810
68210 76135 32274 15253 63957 19587 56146 72769 74466 17612
31373 39648 70369 70806 97556 28286 43454 42303 85371 61769
08543 56711 46784 46725 47778 000 000

14377/13461/12114 kHz, 19-08, 2000/2020/2040 UTC

317 317 317 1 5160 110 5160 110
45840 61942 11554 77994 03164 43802 95751 52778 16834 70574
46546 14296 23812 64939 40112 35717 38068 39290 10715 88618
21189 44422 56022 43239 61938 32063 58634 26164 85064 40580
55311 11705 14887 70670 81681 10293 36157 95513 18003 37297
43881 49500 08872 43208 15538 91557 48319 98243 00413 39378
05115 98492 23035 24672 60867 10305 98766 96260 14211 69161
82542 07433 84432 46376 51071 17651 19797 72245 21821 69896
96495 72730 30811 97565 13814 32865 28691 55730 44942 12701
84244 67251 44187 44906 49160 64492 14746 76145 72225 03167
63736 93548 12220 96619 82549 17819 33825 87377 40764 49925
46968 47245 14444 74072 22845 75804 28655 64231 05925 06216
000 000

14377/13461/12114 kHz, 23-08, 1130/1150/1210 UTC

317 317 317 1 4249 90 4249 90
89069 87642 64810 57859 48460 79749 33171 04487 02637 83335
99445 94451 90148 23000 02079 22191 35380 38621 50968 90144
53335 68652 72438 37245 46784 93499 20746 01933 41104 35574
27789 86596 34769 64078 17910 35630 38656 43848 36079 04418
85792 58586 20182 47294 25594 56219 91552 80721 68085 34245
31565 30847 86497 14664 39088 45731 14765 75908 82242 03004
88601 31670 72536 48830 55676 17558 04683 28741 59191 57888
15609 22849 66199 26603 51324 64660 48766 58590 09255 97198
91843 02462 85235 78434 40602 68864 82771 30235 23971 56997
000 000

16251/14951/14451 kHz, 23-08/26-08, 1600/1620/1640 UTC

294 294 294 1 5945 98 5945 98
20764 07998 17293 42388 69936 14350 81524 70229 56991 63948
88564 29511 51264 90476 44302 09597 87226 50819 60840 40914
41490 70282 85019 95223 00512 78840 31092 85552 57694 41735
43477 41204 05808 85268 06485 51985 59202 41820 95627 52204
65460 23458 88709 99107 25227 53674 91254 99437 11827 11791
94778 99716 54074 28641 79850 14481 62488 25925 01855 03950
20285 86328 07827 96625 15954 34939 50064 59656 64872 10605
04569 12703 16527 61725 98425 22155 36371 54323 06267 54496
12750 59191 65307 99274 03426 67064 47235 73868 30715 17120
08730 57233 35553 96105 90370 82018 96394 54372 000 000

9317/10484/11552 kHz, 24-08, 0530/0550/0610 UTC

135 135 135 1 9640 105 9640 105
58597 83433 06894 86092 32826 44222 98884 01401 98663 11397
36427 20232 40103 18053 61983 55285 31358 33511 08186 86521
31750 27692 68489 37619 83933 70114 80961 23846 67685 24393
10323 92412 15443 68867 09153 17081 37183 86622 98624 02149
35723 28892 21608 44615 02537 12903 85587 79941 07709 82530
66098 00342 98854 76721 44105 25549 85697 25596 76422 18152
15225 14046 54953 12882 10763 89873 33917 34445 75131 27890
90330 17687 25212 15789 78424 68341 10973 30506 57573 22019
79092 16094 24165 16478 09723 92692 38144 20942 70663 15812
68339 72763 99170 42623 06050 03081 43576 54856 03312 88969
98681 98828 41848 53405 93153 000 000

11148/10648/9148 kHz, 24-08/26-08, 0700/0720/0740 UTC

161 161 161 1 9343 98 9343 98
67379 98480 15383 19773 26386 30479 76830 41201 44565 18194
44399 62647 55701 28887 05975 31421 88709 25106 57977 12032
34427 76434 00772 02156 10436 11469 61244 23337 73838 27442
04547 13710 36008 78828 47244 39248 25342 62334 43135 56252
89563 06429 90447 38650 74784 85053 31923 07895 88833 26909
03140 34385 14787 60301 93626 46780 83367 67670 71607 89294
93107 52208 94328 43537 40422 09133 96615 16153 15515 71705
07508 31556 13182 97257 28144 49292 24020 45976 33424 64345
00964 65639 91772 42086 90786 92629 86335 35800 48189 91809
36049 48440 91073 95965 19687 41144 88905 13603 000 000

12162/11566/10711 kHz, 25-08, 1710/1730/1750 UTC

546 56 546 1 6766 104 6766 104
91335 43278 51996 91177 61863 80663 01172 17041 23122 97750
89414 73706 36647 49174 21665 30644 13155 16034 80977 56748
06008 62861 77255 05096 89826 11899 62164 53178 88417 17427
06780 18746 53865 45610 64207 94655 47628 94363 65613 49762
50210 63700 61292 77685 91083 07162 07029 35522 57367 53786
72903 40379 92079 81999 21459 28418 79304 78995 31822 36568
44793 68300 55182 99931 91946 03135 52834 22368 95889 79903
46248 34323 36055 37849 65352 42148 04191 80340 89035 24336
01406 83723 13843 95036 24440 74000 98788 99032 53109 50606
64063 56008 43713 35953 94701 93345 77943 57152 29048 16966
90166 27943 22541 63388 000 000

13386/12189/11491 kHz, 26-08, 1110/1130/1150 UTC

725 725 725 1 8111 94 8111 94
88233 00508 28519 74342 98609 88267 58773 37046 08921 91385
59465 91135 27822 30886 94871 08499 65412 63113 06684 30798
83415 00644 17839 63705 99655 38938 01411 30251 66671 33297
93748 86952 20354 03126 60199 33932 95068 64032 60738 53021
92030 91754 57532 70677 63800 53803 92622 65758 56486 85301
56345 64025 62715 30205 23182 98931 99797 28276 24402 28323
83358 25525 84615 75732 48543 78059 14703 66105 73927 77355
70908 97820 35933 37678 13785 18365 95501 05613 97992 23684
91573 43156 14171 79913 81439 34762 72425 80767 64042 45284
24545 86180 06528 90912 000 000

12162/11566/10711 kHz, 26-08, 1700/1720/1740 UTC

546 546 546 1 1910 111 1910 111
56409 17155 17652 75801 95104 60621 23119 99064 76518 70506
26437 95453 10943 75462 75262 39926 64569 59839 45422 67180
25988 63890 05287 65246 86068 20937 67114 05772 31999 82656
14612 54296 63427 24036 18423 67179 94476 11999 53706 96617
41284 29485 73407 18756 04141 80354 01994 72623 26132 28634
09056 99775 25835 63559 92423 43818 03013 00434 84861 67786
83144 75812 61585 85704 59100 54717 65959 72566 51218 68912
00740 91139 37745 12088 60048 47024 74586 58450 61172 74766
38036 00366 11892 82982 37482 59210 09450 83215 54899 42154
55963 63211 18155 16383 49724 89597 27674 50714 51104 72337
79329 57625 67338 31400 19137 38787 55219 33479 74567 87710
58225 000 000

12162/11566/10711 kHz, 26-08, 1800/1820/1840 UTC

546 546 546 1 9821 110 9821 110
20702 43916 86708 07904 77474 24339 06739 51382 36884 72049
60039 55959 09515 28302 94181 09636 04843 05345 01882 30621
99919 28228 69689 50085 64862 75368 02307 05740 13168 15986
20875 40282 65648 35518 93573 33171 16495 03653 92824 67784
50807 84032 19460 00688 00688 64336 65335 17427 53231 08114
60804 60010 30775 55109 26412 75658 83190 67388 17313 45576
46022 05777 13431 09879 72227 53287 10893 12969 00516 82902
57888 24847 73805 14509 89178 77059 23251 31000 73492 71465
37904 66090 43354 30382 94491 45141 62405 53215 71095 40858
67644 92089 05584 28208 08224 73437 46554 86046 33314 25253
57868 85397 57605 49936 58835 74172 21901 67876 33160 56350
000 000

14377/13461/12114 kHz, 26-08, 2000/2020/2040 UTC

317 317 317 1 5048 108 5048 108
17830 98943 01198 11497 72179 75047 87073 82382 03858 07620
26020 86033 47565 31460 87577 34599 98845 16864 11958 28104
93021 40346 40143 59114 72718 77994 52550 68620 03309 10522
27067 66834 61400 24646 73903 38616 62761 81973 09273 99397
64164 98923 79668 43782 05806 71164 45740 20122 02645 13598
51467 15097 76288 21265 32562 88455 46278 21069 60144 39853
90835 26849 21542 13405 01578 31018 80825 47825 63676 55612
04892 84141 16660 22298 45149 75803 85888 41807 95314 96974
22738 42304 26013 57776 05218 81009 05061 58503 17854 34288
29213 89549 32303 75497 72744 25765 48217 13933 62109 93827
80211 01760 22885 40221 46161 40645 96496 45007 000 000

10314/9114/8014 kHz, 27-08/28-08, 2100/2120/2140 UTC

310 310 310 1 4148 120 4148 120
96596 26497 06498 22125 82282 13073 95774 80855 45063 27824
75009 82928 01335 65478 29091 39131 85426 41550 92769 92619
33767 50163 19979 98521 91501 25336 43350 52375 99419 40892
50466 05731 88785 09163 97519 96775 41240 32037 12078 68579
75375 13120 95968 40419 93349 62897 68333 77909 43255 92479
40554 36458 18691 15136 41667 45824 66470 63534 32976 80164
31715 43818 30766 12833 58870 82407 11665 26372 12787 41249
75200 46401 43735 57604 65275 63273 43370 98936 36105 71550
11144 97348 45670 08121 94109 41613 65044 10059 89478 84289
03962 23033 83741 16243 89708 51044 54461 48122 82710 92062
36046 41759 00394 60096 39737 64453 85465 13152 76028 83055
24411 80518 09596 34949 46044 31293 31989 70265 66265 00618
000 000

14377/13461/12114 kHz, 30-08, 1130/1150/1210 UTC

317 317 317 1 1862 99 1862 99
57080 95224 67528 15651 61530 67825 50493 43284 21094 57763
25773 31673 26079 52684 72818 41684 99292 93760 26542 51399
30815 97688 25824 24149 24081 17483 37691 80043 27977 78390
09906 80003 22745 58806 14707 55303 34482 37623 80001 99412
99238 62821 26960 77922 72677 14697 51184 31196 08310 11303
10184 73457 25945 15026 66951 88565 91656 59236 06524 49959
60037 40576 98707 09380 12656 91617 98979 80381 43577 28543
55157 44468 33496 08009 05565 86984 06281 37405 36708 19507
38443 90499 75627 71572 23955 38484 80810 11752 33417 80520
93874 09989 05550 66515 53059 99877 33174 52060 22861 000 000

12148/10648/9148 kHz, 30-08, 2000/2020/2040 UTC

374 374 374 1 302 90 302 90
69697 62814 58455 40783 86989 38210 19861 66648 65775 85837
82057 13684 47910 18823 33366 21513 85926 60400 68982 48647
05333 78430 82663 00708 96948 52676 97162 52036 65631 57920
78458 54731 42442 64784 23995 19318 94132 05045 94136 77506
64222 77959 35303 11165 32347 35882 97596 52377 33006 19507
36096 52139 16067 80209 77982 76659 33118 01231 29271 25015
15175 23648 05062 51385 08316 25758 21081 97397 05333 61250
00097 93629 58694 28468 70708 70559 30033 69084 37840 90990
92759 15993 66703 11188 35369 75683 96178 08339 19660 40666
000 000

6784/8184/9342 kHz, 31-08, 0030/0050/0110 UTC

713 713 713 1 389 76 389 76
89047 00592 33453 77522 47131 38402 63616 41663 65602 58539
81203 78787 94255 78491 91163 03177 58328 01015 01726 79509
45894 84186 27158 11485 24962 55823 00557 38602 18726 00142
75700 32907 58500 10314 10803 50483 97247 69114 22150 64168
72500 63170 29873 63970 13970 05689 87596 20062 88371 21916
92786 05121 37148 74725 04084 49396 34212 72200 24945 36594
50588 75610 34816 88861 30867 36845 41709 79805 68564 82216
79010 85731 11865 30671 09332 56827 000 000

9317/10484/11552 kHz, 31-08, 0530/0550/0610 UTC

135 135 135 1 4640 111 4640 111
92439 90803 78233 54944 27014 94244 66615 54558 49542 47895
65264 12280 48366 11188 19460 31599 16297 14963 21643 55980
36904 71561 97399 75485 72546 92924 82686 56250 08253 47655
01033 11544 41223 70534 13984 89901 16473 61345 41705 96016
42304 72185 11422 86596 57180 95835 19837 92326 49483 27476
31051 60405 13834 23053 52222 52347 20062 08220 87374 01131
96940 08835 37933 13114 30745 89471 41937 51661 10966 07943
70997 98492 14011 18657 06592 30174 09033 32958 66739 79845
21363 04074 87642 23677 99171 39105 42622 95303 92209 89317
32075 29650 13910 61313 60648 77073 36922 21979 98701 52003
66180 25687 59826 53797 42524 72623 56946 75119 65004 99535
24038 000 000

11148/10648/9148 kHz, 31-08, 0700/0720/0740 UTC

161 161 161 1 8312 144 8312 144
26916 12894 66407 31230 54401 83705 07583 90307 81793 60076
34617 55537 36562 24959 43775 90215 45450 88556 30945 81771
64563 58021 91212 61367 57163 73999 54387 79984 05835 23460
54748 01100 91892 20343 07254 15661 50145 32266 86410 29066
51029 84610 62212 69093 50571 58225 93189 29148 10288 44303
97406 08755 49188 83285 61080 35097 75037 40334 75009 58756
50835 79031 17916 16854 53165 15449 26693 70800 15398 47070
02784 71484 34261 07941 82158 92967 34658 88635 93577 60846
87811 71928 95794 46167 87597 60757 02285 42770 08651 60452
87265 16454 62964 79383 92401 10974 08454 01887 76549 08925
78494 53739 56508 76172 31831 49907 96444 30899 25455 75112
66988 34052 99485 12622 71761 75347 83458 44862 79501 25856
65125 52357 85671 40850 54277 19194 06400 59077 22371 74599
26383 96556 58412 13362 67021 04607 64277 89009 38838 45383
45464 78560 37770 49828 000 000

12211/10243 kHz, 02-08, 0500/0520 UTC

952 368 368 51 51 = =
49148 81144 87437 08279 73560 01255 50783 01783 38914 87032
23847 33585 58383 26793 35387 58396 35075 58889 66309 01418
73394 72320 71433 60951 60829 59378 61526 12279 56076 00049
44008 04988 44456 82829 45806 70953 46550 91656 66764 85145
90998 13645 37056 46462 87390 47305 77045 70756 60197 15944
83020
= = 368 368 51 51 00000

12211/10243 kHz, 03-08, 0500/0520 UTC

952 401 401 63 63 = =
62239 19490 88787 64117 77945 22958 02209 68550 71428 70286
55120 97958 60207 10278 72573 57750 47086 10733 37483 57104
25979 56337 23850 93825 99948 07599 35154 65082 28638 06743
77619 52455 47279 41527 23024 54750 24476 02905 40747 66990
50947 97463 03750 29044 76405 00598 98157 92320 36774 61335
91152 77963 38922 94761 36854 24993 95107 22983 24865 51819
24315 50557 01197
= = 401 401 63 63 00000

12211/10243 kHz, 04-08, 0500/0520 UTC

952 867 867 51 51 = =
08650 04002 31487 92493 90159 40301 18353 61778 51883 28060
66040 10599 77494 11604 00941 69716 89811 25112 69406 23214
45855 11675 51810 72535 25762 11596 22788 31468 76476 24616
81121 69281 96171 75753 97676 44188 70325 39442 54853 94332
95394 01660 75970 78482 51030 64731 68040 83612 06757 24496
26342
867 867 51 51 00000

12211 kHz, 05-08, 0500 UTC**10243 kHz, 05-08, 0520 UTC. 952 for 1m10s followed by several restarts, then off at 0523z**

952 304 304 51 51 = =
33120 71838 49202 54227 92070 78395 88181 15914 13660 48130
25770 48353 97856 76662 93960 55921 63577 18804 42960 45377
98314 55445 69374 35581 50436 73819 11304 01672 93857 09590
52507 64662 19757 24186 02840 62382 35029 15831 47151 62704
72170 87703 79821 04989 40272 21660 67136 80698 71815 30961
04678
= = 304 304 51 51 00000

12211/10243 kHz, 06-08, 0500/0520 UTC

952 716 716 54 54 = =
08757 97556 75920 80691 99982 52087 08038 75994 37106 75805
92428 03419 83888 69625 19190 16049 93808 16253 53382 71888
95335 25293 54343 99135 62063 02683 16569 69377 22399 17867
99376 14617 88484 67176 37514 49095 09047 56825 49919 81839
75864 53980 88811 30856 38531 79334 96304 74942 07206 39620
60717 04012 48043 23500
= = 716 716 54 54 00000

12211/10243 kHz, 09-08, 0500/0520 UTC

952 438 438 52 52 = =
77368 47957 66113 55049 75991 14366 61386 31463 77721 18513
45448 97594 83499 52970 95486 86044 64594 90466 32050 59099
05175 90495 20848 61490 84824 05635 73084 65818 24433 04759
30269 40345 43902 55327 44432 93838 05115 31956 89696 77153
38581 43431 66123 46234 77228 95376 81786 16238 45748 30751
24011 61457
= = 438 438 52 52 00000

12211 kHz, 10-08, 0500 UTC. Carrier till 0502z then M14

10243 kHz, 10-08, 0520 UTC. 952 off, 0525z: 302 9 off, 0527z: restart

952 170 170 63 63 = =

32446 46460 95344 40502 28302 93968 63787 85939 15235 45647

98544 98088 50524 08368 11395 97937 24522 36021 57409 63933

19977 69862 55447 28249 62076 32483 76730 13367 70147 30066

74909 76194 46959 42644 56082 51876 66558 07028 12182 14512

46577 22095 66188 96942 15952 31134 02589 36821 13989 60927

81535 41127 81715 22254 60124 86333 31456 01512 69247 96407

05564 98137 19443

= = 170 170 63 63 00000

12211 kHz, 11-08, 0500 UTC

10243 kHz, 11-08, 0520 UTC. On and off for 2 minutes. No further problems after that

952 643 643 51 51 = =

70365 48511 45129 73297 42787 74705 87816 01856 43909 85534

35938 51692 36007 44508 42659 41732 54222 04847 36655 03222

69103 65945 23180 78808 50807 38138 26638 29159 70902 95453

73095 39274 02703 21038 36176 41697 06077 74951 94767 98813

07666 39009 75985 11409 12450 18361 81825 45691 07601 04499

53153

= = 643 643 51 51 00000

12211 kHz, 12-08, 0500 UTC. Carrier on and off till 0504z, then M14.

10243 kHz, 12-08, 0520 UTC

952 870 870 51 51 = =

73578 98462 76549 50005 30751 18644 88011 54927 67534 34009

75122 07037 36545 49809 49952 70766 55340 05756 45697 60313

10998 92686 68772 43859 99957 45507 32250 54519 01548 04583

31589 12729 08644 62781 48585 89736 63891 40343 94474 66902

74938 54774 28145 70477 07100 77941 10378 86565 76909 97569

80060 = = 870 870 51 51 00000

12211 kHz, 13-08, 0500 UTC

10243 kHz, 13-08, 0520 UTC. Carrier on and off at 0501z nothing else

952 164 164 57 57 = =

57243 10372 58576 95252 96080 08369 40169 24033 58032 78212

38933 11195 88573 44716 41123 73921 78187 58123 62091 84658

42486 38461 86812 67463 72740 71944 70653 95639 92760 39121

98844 82814 83058 79437 28074 84665 58233 21926 58648 53483

08521 36684 10659 12748 41436 86846 02589 43917 84451 85733

55801 02603 34653 88860 73338 06339 66298

= = 164 164 57 57 00000

12211 kHz, 16-08, 0500 UTC. 952 long pause 952 long pause, normal after that

10243 kHz, 16-08, 0521 UTC. Late start

952 783 783 52 52 = =

77870 27707 46463 41868 20667 16918 01386 24386 90656 43236

61591 02366 34745 81779 80667 08753 17726 31892 07176 20518

70232 50617 20735 82798 28179 43678 55693 71025 62152 06167

73342 95725 20178 30141 68596 79691 32302 21280 22088 62196

50434 91833 33609 09951 21870 22012 97838 39483 19954 07027

08289 84651

= = 783 783 52 52 00000

12211 kHz, 17-08, 0500 UTC.

0501z carrier for 4 secs

0504z carrier for 4 secs

0506z 952 on and off for 1 minute, after that a normal transmission

10243 kHz, 17-08, 0520 UTC

0520z 952 on and off for 30 secs

0521z carrier for 2 mins, after that a normal transmission

952 160 160 55 55 = =
65176 10871 12217 54027 17134 21109 99154 84949 40298 16729
61304 41231 75856 97589 42559 40373 76417 27290 38724 25428
52438 09067 95744 49934 65625 96557 82265 34426 80253 94106
09931 61718 08317 26319 99887 03144 09483 81535 18911 92936
31751 58919 33592 92947 03789 73846 56043 14881 14852 01285
79532 92234 43247 61844 27500
= = 160 160 55 55 00000

12211/10243 kHz, 18-08, 0500/0520 UTC

952 734 734 52 52 = =
28940 31255 51286 06735 50509 77353 53024 71546 54670 96235
25602 64227 61878 25403 07674 08801 20929 27263 78443 12087
95009 38146 96492 26644 20120 79140 47703 59105 90539 02179
69446 59873 51030 69815 43225 55095 00469 92137 72968 06864
36594 69239 91146 12573 96549 12697 59919 79377 72922 44492
59478 34684
= = 734 734 52 52 00000

12211 kHz, 19-08, 0500 UTC

10243 kHz, 19-08, 0520 UTC. Hiccups during the 1st minute

952 618 618 52 52 = =
80677 82359 11777 73516 28431 23959 80713 56769 06986 75361
66723 11014 95173 81102 19324 92983 97432 42244 13224 98278
76996 76104 15757 42248 79036 25703 02838 83537 67178 36097
09394 20014 21835 39800 25215 11727 73797 18469 72139 10614
71508 33053 23531 01640 05476 39577 51979 85030 38245 32769
16158 54329
= = 618 618 52 52 00000

12211/10243 kHz, 20-08, 0500/0520 UTC

952 403 403 51 51 = =
20133 69328 15773 17630 36625 12914 89613 17858 50230 29890
52344 86288 93914 94142 93679 47936 49949 78039 55519 87562
93484 89048 08770 02551 00675 29106 43943 24631 01038 75173
67703 71383 78746 04432 22569 13473 52524 12534 71933 68536
88852 98364 17621 57671 28160 13742 42133 85460 28684 01497
92805
= = 403 403 51 51 00000

12211 kHz, 23-08, 0500 UTC. Technical problems after group 36, off after group 45

10243 kHz, 23-08, 0520 UTC

952 786 786 52 52 = =
61829 55371 68970 99433 54252 16663 74331 35910 60675 47408
13290 17302 02892 45998 99936 99787 65379 27770 50685 39035
69516 89824 77081 98029 31484 94292 70911 16337 27299 87251
67521 70466 13416 95472 98300 80045 76324 68189 68270 39477
09601 56063 19691 79777 41827 44561 67659 90268 63833 83900
18605 54830
= = 786 786 52 52 00000

12211/10243 kHz, 24-08, 0500/0520 UTC

952 143 143 51 51 = =
61244 32081 92364 99012 57051 89530 79802 77672 60353 69234
60185 18519 07178 56077 56755 06769 43712 56474 53888 00911
20373 87415 36133 96606 55100 11723 58195 45392 70584 42922
63075 14092 35105 68189 90528 95898 61670 62795 43054 09048
45145 94493 01589 44029 42053 41289 08087 45268 22744 71023
57197
= = 143 143 51 51 00000

12211/10243 kHz, 25-08, 0500/0520 UTC

952 670 670 51 51 = =
 28837 97400 14192 26533 47768 64611 92211 22461 36545 54066
 66855 30083 34460 81638 89534 41684 54095 40979 57189 60396
 78266 56977 23340 74210 23856 73692 81506 91800 14736 87699
 75673 13664 30951 62781 17498 36800 26369 86900 14940 16716
 31968 57404 42006 34852 86958 05378 04299 45070 64924 95104
 80047
 = = 670 670 51 51 00000

12211/10243 kHz, 26-08, 0500/0520 UTC

952 183 183 62 62 = =
 19479 18880 71079 24069 54183 81594 82845 35107 76557 60147
 62829 40148 72605 20669 97213 22828 99052 14536 56637 80055
 34073 75758 01847 44053 56238 59473 94920 32230 62625 76236
 89502 92072 62024 01812 97466 33240 04181 67129 62469 64063
 31010 58105 67809 74614 60721 80019 87053 33553 40789 66125
 40840 90928 30716 35190 04324 04127 00505 27643 06678 29145
 55806 75027
 = = 183 183 62 62 00000

12211/10243 kHz, 27-08, 0500/0520 UTC

952 470 470 59 59 = =
 74284 58577 60578 14989 42684 52456 48256 39232 65330 33675
 98493 32113 43187 15136 91196 45191 69190 12179 31372 19979
 08297 11578 37815 50140 02240 64055 49479 32071 16174 86287
 79200 52294 69411 83302 69481 85110 17420 27236 30007 98942
 77279 53374 61588 94801 13789 59410 96225 25324 28396 18869
 07957 67818 18153 44621 74212 49738 96875 63447 92333
 = = 470 470 59 59 00000

12211/10243 kHz, 30-08, 0500/0520 UTC

952 386 386 54 54 = =
 88671 47130 76681 38483 81526 10875 73129 11218 06928 92921
 90496 93364 92574 87401 52625 45139 19491 74218 07938 28151
 68262 93969 22784 65922 90367 48360 02237 41615 65545 30781
 61770 50140 31131 16763 98241 46867 94312 68969 33645 60088
 63221 36439 30037 59443 57820 52744 99106 97496 86505 62769
 54806 66635 99371 32790
 = = 386 386 54 54 00000

12211/10243 kHz, 31-08, 0500/0520 UTC

952 417 417 58 58 = =
 68385 51940 29007 26841 83719 57647 54954 04877 21551 15826
 44784 17748 49717 01786 30582 78582 72407 04209 69506 16907
 30880 72535 99451 50685 32417 05456 00274 86194 18433 35206
 34012 12912 07678 87356 62565 85615 75484 20764 66236 10878
 54976 77400 11600 80137 71200 96725 42119 16548 44094 74298
 89957 27774 21242 69314 32417 81944 26360 90758
 = = 417 417 58 58 00000

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

6421.5 kHz, 24-08, 1458 UTC	=991758??8????? =991759??8????? =991800??8?????
5052.5 kHz, 29-08, 0815 UTC	=991115??0????? =991116??0????? =991117??0?????
6440.5 kHz, 29-08, 0824 UTC	=991124??0????? =991125??0????? =991126??0?????
9144 kHz, 29-08, 0831 UTC	=99?1131?9????? =99?1133?9????? =99?1135?9?????
5431 kHz, 29-08, 0938 UTC	=99?1238?9????? =99?1240?9????? =99?1242?9?????
6843.5 kHz, 29-08, 1036 UTC	=991336??0????? =991337??0????? =991338??0?????

M51a / M51b

M51b: 3881//6825 kHz, 08-08, 0625 UTC

Non-stop 5-character groups composed of M51a messages

Spaces between the messages were entered afterwards

YETSR AUSHQ BWJSU APLMQ BWNSH 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 QKAUI 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 DNXXD WNQJZ AJNBC MAJFG
XYZUJ 37828 DJNXJ QKAUI CNXJD WJNDG SHZKL QMPAL

BHCGF DUEJS QKALP MQLOI RTDHS WVXCD FSGQU JQKAO LQMNJ DBXVF
WNSJQ AUJTG HBCVD 45278 10945 SCXVN QNHJA ZUJDI QKALP MLIKH
UJHNB CGDTE SGQTA ZGWJQ AJQKL 23492 HBCGD XNWQJ SDZOL APMQJ
HGBCV KQLAO UJFGC XVDTR 45378 WBDGY 68642 DHBXJ QNJAK LWNQI
UJDOL IKHBV FGCUR SJNWK QKLAM PLATF RUDGC XVWSH QNBHJ DKJKI
XGDHS WHNDK QKAUI RTDFS XNHJD JKJHG QKLAM LPWOR DFZHW XVCHS
DUJQK YHWH D XCVSH QNBHW 23528 6YERS XCWHQ HNGTR 65473 HSJQK
JQKHN XCDGZ 35277 HNCVX SJQUA JQKLP MQJBG RTDFC XVWHQ YHTRF
VXCWD QHAUJ QKALP 45739 HBCGF RTSHQ AIKDG XWVBQ ZYAJK

FVXGQ AHWJQ AJKQL AMPOU HNXJD SHWBD RTSUA JQIKD XHSIR ZUQYH
CWVQH AJNWK QLAKU 45723 ZUJDG XVWHQ 65107 DGSHA BWNDG OLAUH
BCHDF XWVHS QHUYR DGXHS MBQHZ AJKQI BWHDR 54738 UJGBV XGDRE
IGQHA WHNQJ AIKOQ LPAUH GDVXR DFCXH WBSHQ JAYHF OLHNG CBXHR
46538 19053 SHBXJ QNWJR ZYHSU AKQLA OLPQJ IKHGT VCBHD JSKQL
EUJHL QMLOK NWHDF SGQHZ AUJDG SKQLA NJFGR TSYQH WBCHD ZUAHD
45376 ZUHSK QNVHF BTDFS WCQUA IKJKL AMPNH VXHDR QGWHE ZYGSF
WCGQB UJQKI 35271 BWJNG CBXHR GBXCP QHAYT 35271 GBWHQ JKALP
MWBXH DGVXH ZYHSU QJNAW AUJGT AJGVB 67013 47282 HBXVC WNQJK
ALMPQ JHYTG DFSVX WNHQU AJKMQ

M51a: 3881//6825 kHz, 08-08, 0700 UTC

VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ - 2 messages - CQ DE FAV22 VA

DIMANCHE 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 /?.,' FBFBI PLOIU VZBQI ETFGR
'AS./? NVDME 52036 VDGFS SHGCD AZSQL MNEYH DJFVO ALKCJ QWIVJ
BDGVX 50369 QAVNR 'VA+.? CBXZN MLFKE CALSD ETFUB +

DIMANCHE 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. +

M51b: 3881//6825 kHz, 14-08, 0455 UTC

Non-stop 5-character groups composed of M51a messages

Spaces between the messages were entered afterwards

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 BXHDU ZJWNQ KLAUH
IORTD CGDUE SHQJZ WBSJE DHAIJ DGSKL NWJHG FVXCD FUYTI HDNXV
IKDGR FHBCV DFDFO ETSGD XHSFE ZYSUA JNWHF SJHUI TGFHE KHFT
GHFGC VBGHY JWKSL QMLAO LUJHG VNJKL XNDHT JKILD XCSVZ KLHGF
56473 CGETF XBDGE XGSTE ZHUAI QKAI 46378 45381 SUJAU OLETD
QMLAO 26480 JDGTE XVSFZ QHAJF VNDKI RUHFG CBXHD ZUJSL IKLOJ
KQUET FKCBF DHGXV CNFGC DTFGR SHJAK WLKQO MAPKI NBHTG

MVNDJ SKAOI DJSOW JFEIS LPOID NCZMA XZAIU DWEAS XMCNS 96314
GATSW ./.=, AQPDL CXMZK DIWYF XZNDH WIUYF VBFNS DJUWI LODWI
25983 HDWYU .,?VA' HFHWU SHAJU BVBMX KSSUW AQLKD XNCGD WZAKS
JVMBN 62843 BDHWU ./VAAS BCSGA XZAND BCYUW KFLEO DJFNC SQUW
CNMXA KXJCV 32691 HDJSO ./?.VA DCGFJ SXCD A BSHW MCNVU LSOWU
CNSXB MCDJE FKEIW 39648 HCSIO ..?AS/ BXSJA ZMXNC VYBDH SKDJW
/'?. ' JCSIW 20178 MVKOL SUWDF XZJAS BCNSU NCJSK AQISJ NCDHW
KZQHG 02301 BXAUD .,?+/ ZAMCK DSIJC BCCNS ZXIQE

CNCSI CNKQO AQLPS ZNXW CMNVB AKSOP QWEIU XBSAJ LHKJY 65489
CARQF .,?/VA QAJWU XBSGH CKWOI AJDGE QOWUN CMNSH SWPEO XHSWU
.,?,'= DARGD 52017 ALQSO SJNXI QALPS XNBHA SHDYW XNCMS ZMXLP
WUEYY 10478 NXBHA .,?AS/ ALQPW XBSUW ALKSO XBCNS SJWIX BCNCJ
CMSKW CZFST 12036 NCHDG .,?+ ZNXJS QPLOS DHDWU XBCNS AJSWI
XETYC VNMSK AQOIW 89564 NVMDW ?/VA' JQIAL OILPU XVAGW DHFGR
VNMEI SAHWU SDPLI CBSJW 23561 XBAGQ .,AS/ NCPOE XBSHW SKWOP
SABWU CBEYD NBMCK SAJWU XCVWY 43692 NVMDW .,ASVA. BXGSG KGMGL
RISFE

NVCMO CBSNW NSKKS NCNSW PLWOE CVCSB QYSUW NCPSL ALQKO 02365
MCKSO ./AS VA CZXAD QPLOE BDGEY XMKNS ASLWP XUEWY VNDHW LKSIW
63270 XMSLD +.'./ VFHRY SWRQT XVSHG LJYPO ZMXNE AQOIU CBDHW
LPURF 18963 ZAPFO VA',AS? ZMXSK DLSKW CBRYR BGHUT LHKYP ERTWY
ZXWCD VNCYE 14598 UTHJE '/?., NBNCX VFGER POQAS XCFDE JGHNF
LKWUE VBCND MLFKG 54796 FSEWA .,.'=. ASQEX VMDSO EWGDD LBGKI
'.,?. XSGYW 21703 HDJEE LHKTP ZCXAQ BFGEE SHQUK KDLCX ASDWG
VBNFK 26318 KDFHR ?. 'VA, QHJCM LGDHJ CBETJ AQWOP

VZFTW BCGDJ AZKIW NVBDH POWIU DKJSI ALQOP BVNXM ZLODU 24890
NVHDO AS?=. , BVNSJ SQOWI CBSNK LAPWI CNSJW ZXSLK SAOMS CBSJI
42036 MVKPR .?/,AS LDOWI ZANDJ AQIJD CNBSH NXKAO LAOIS KDOWA
XAMLK 17896 XASQE , 'VA./ ZSISJ WPLDI JDJWI XZMAK DWIOF BCHSJ
MALLO CNSHW 45309 CZXSQ ,VA',AS ALQOJ VXBZJ ALSKI DLWPO XMZNS
KDSL P WIDAM JAMER 18973 NFHRU ./,?VA LAOSW JDIWH XZNSJ BMNEO
RITOF WEISJ SLWOD CBZMA 32698 ZXAQS .,ASVA. XZMSN JDGHE DHWIL
APQOW CBAJW MLKSI ZXNWB DKOLP 78512 LMKHO ,VA. ?/ AQPWO CNDJW
ANDER MORNI PLOFE XNSIW AQOKS XBNWI 98652 ZSAEQ ., 'VAAS MAGDA
LORGH BIDUL WERTY ALPES XCBWU AQKDI NCHSI .,?' / NVBDG 48502
AQPOL CMVNE WJCME SWERP LFKHL VBCNW AQISG CBDNI 30258 MBLSO
?.,= VNMRO FKSUW LDPIE XAZSQ NVHDO WOFFL LGPAM CLDPW CXAWS
10589 MCNCH .,AS'? VCGSH KGIEO LPSOI

DHIQU VCGSH PELEO XAEZ NCBDG MVNBT PTOTI BVNVE SWREG 02589
NCDIE .,VA'+ NCBDH MNLHK CXSDW ASQWE CVXBW LGRPO CBHYW NVVNR
45896 BCSHW .,?' / BCDHE LHPOT BCNDW XMKWU ASQVS NJDEF MFKE
VXSGW 47896 VZQAO .?,AS' MCDJU MVLOR ACQRZ NCDHE MBCND LGPRO
CDWRE NNCJE 74302 BCMAK .,/'= NVBXC NSWPO NDEYJ DJKET AXZVS
NVMRU LDPEJ WRSFU 43269 BCCPW ,AS. ' / KDWIC SNSJW VZWPO LFMKR
DREGN MCEIS MCKDO AFQTH 01658 CAQMK ?.,?/ NCYWP ASQEZ NXHWY
BXWJK LFPEI CNMWI ZCVQT MVIEW 49635 VXQAU ,/?,' MVLPE QADTD
NDJEI CVDBE FKEIS QEAFY CBDFW VFLPE 41203 CXZBA =.+'? ASQRV
NVDYE MCDEI BXBWH ALPQE BCDDY CBXBX MXWPO ?.,' / CZPLO 58023
SNHWY BDGWT XWEUD MVLEO XWTCN ASKEO DGETQ CBNSK 41123 LMPOI
?.VA, ' QPALO BCGEY MXNWU VCHWI MVLRO SDQRA XZSBV DMLGS .,?' /
CXABQ 39856 VATYW IDOPW VXCZB LPFDO

BHCGF DUEJS QKALP MQLOI RTDHS WVXCD FSGQU JQKAO LQMNJ DBXVF
WNSJQ AUJTG HBCVD 45278 10945 SCXVN QNHJA ZUJDI QKALP MLIKH

UJHNB CGDTE SGQTA ZGWJQ AJQKL 23492 HBCGD XNWQJ SDZOL APMQJ
HGBCV KQLAO UJFGC XVDTR 45378 WBDGY 68642 DHBXJ QNJAK LWNQI
UJDOL IKHBV FGCUR SJNWK QKLAM PLATF RUDGC XVWSH QNBHJ DKJKI
XGDHS WHNDK QKAIU RTDFS XNHJD JKJHG QKLAM LPWOR DFZHW XVCHS
DUJQK YHWH D XCVSH QNBHW 23528 6YERS XCWHQ HNGTR 65473 HSJQK
JQKHN XCDGZ 352// HNCVX SJQUA JQKLP MQJBG RTDFC XVWHQ YHTRF
VXCWD QHAUJ QKALP 45739 HBCGF RTSHQ AIKDG XVWBQ ZYAJK

FVXGQ AHWJQ AJKQL AMPOU HNXJD SHWBD RTSUA JQIKD XHSIR ZUQYH
CWVQH AJNWK QLAKU 45723 ZUJDG XVWHQ 65107 DGSHA BWNDG OLAUH
BCHDF XVWSH QHUYR DGXHS MBQHZ AJKQI BWHDR 54738 UJGBV XGDRE
IGQHA WHNQJ AIKOQ LPAUH GDVXR DFCXH WBSHQ JAYHF OLHNG CBXHR
46538 19053 SHBXJ QNWJR ZYHSU AKQLA OLPQJ IKHGT VCBHD JSKQL
EUJHL QMLOK NWHDF SGQHZ AUJDG SKQLA NJFGR TSYQH WBCHD ZUAHD
45376 ZUHSK QNVHF BTDFS WCQUA IKJKL AMPNH VXHDR QGWHE ZYGSF
WCGQB UJQKI 35271 BWJNG CBXHR GBXCP QHAYT 35271 GBWHQ JKALP
MWBXH DGVXH ZYHSU QJNAW AUJGT AJGVB 67013 47282 HBXVC WNQJK
ALMPQ JHYTG DFSVX WNHQU AJKMQ

BONJO REWTQ NAKAP BLOOD QZMAP FHRYU SLEEP ARIMA YONJF 47820
BCSMK ?VA,./ FPORE POPEW SBAVW BAVES FLRPO NVBDY LEORP LOPEY
/./,' BXAHQ 87420 QAJDE BAGDA RYADS CBHEU LSPWO ADWRW XBSGW
SADAM 78903 CZAWQ ,AS'.? CBDGW LDOEP QWADW VXBSS WUJDK XBANQ
MWOPE ADQRF 05894 XABQJ +?.ASVA FNDJE FLAME XVWTG 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

IHGKF BCFGH LMGKT QAAED ASZXW VBRYT MBKTJ PLROI QESWF 58903
VCDSH ?VA., ' QWAEV MBNGJ FGDHQ ZXASQ KBFHR RTYEU CXZVB MNFHG
32568 BXAHW /.VAAS' LKJGH ORUTI QEWS BCVDS MKHJU ZSAWQ CVEYR
POIUY 25801 VXSAJ AS,./ QWAES NCBFG PEYRH BDFSG ADSFW MBNGH
LKBXC RYFHB 65489 BSHLK 'AS?., DKRIT VBFRG XCZDW LKUER QWAEW
CVDFE MVNGJ RUDHE 65987 NWPOE ?/./? FBEEB XCDFE SHDJE KEJRY
CBDNM DDNAJ LKEID XVDFW 20367 SJWYE AS'VA, . JHGJL CWPDK MDNRB
QWADS XJSEI LFNVE ALQPX LPOSN 45280 KDSUE .VA'?. LGTOR VDTEU
QRSGW ZSLCX MDEYR VLRJF QUDGJ MCRJD 21036 BZAWU .,?'VA PDLEO
ADQRW FJFKR CBDDB VLTPQ SHSHX BCEYS AWLDO .,AS'/ MCIJF 25639
LHPTO QEAXS CBSJS WLDOE LBPNI RAHAY CBCUE FFADQ 01258 MXSUH
AS/VA., NCDJE LGPTO BCEYG CXAVQ NBMTI PJLYO BVDYE SQAIIH /AS., '
JDUEN 20589 VXBSG VXSHE UHKTF MVNBR

XMNAI LPOQI CBSNH ZAQID VNFJE MBKIR NVBDH MXKSI LFPRO 20189
XAQEF .,=?' EIRCJ ZNSJQ LFEOD off

M51a: 3881//6825 kHz, 14-08, 0700 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 BCSMM ?.ASVA, MBNCX VFGER POQAS XCFDE JGHNF
LKWUE VBCND MLFKG 54796 BSHWL ='/.? ASQEX VMDSO EWGDD LBGKI
'.,?. NCDJE 25893 HDJEE LHKTP ZCXAQ BFGEE SHQUK KDLGX 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'A LA VALORISATION DE NOS
INDUSTRIES. +

CQ DE FAV22 VA

M51b: 3881//6825 kHz, 08-08, 0625 UTC
Non-stop 5-character groups composed of M51a messages
Spaces between the messages were entered afterwards

VZFTW BCGDJ AZKIW NVBDH POWIU DKJSI ALQOP BVNXM ZLODU 24890
NVH DU AS?=., BVNSJ SQOWI CBSNK LAPWI CNSJW ZXSLK SAOMS CBSJI
42036 MVKPR .?/,AS LDOWI ZANDJ AQIJD CNBSH NXKAO LAOIS KDOWA
XAMLK 17896 XASQE , 'VA./ ZSISJ WPLDI JDJWI XZMAK DWIOF BCHSJ
MALLO CNSHW 45309 CZXSQ ,VA',AS ALQOJ VXBZJ ALSKI DLWPO XMZNS
KDSLP WIDAM JAMER 18973 NFHRU ./,?VA LAOSW JDIWH XZNSJ BMNEO
RITOF WEISJ SLWOD CBZMA 32698 ZXAQS .,ASVA. XZMSN JDGHE DHWIL
APQOW CBAJW MLKSI ZXNWB DKOLP 78512 LMKHO ,VA.?/ AQPWO CNDJW
ANDER MORN I PLOFE XNSIW AQOKS XBNWI 98652 ZSAEQ ., 'VAAS MAGDA
LORGH BIDUL WERTY ALPES XCBWU AQKDI NCHSI ,.?'/ NVBDG 48502
AQPOL CMVNE WJCME SWERP LFKHL VBCNW AQISG CBDNI 30258 MBLSO
?.'= VNMRO FKS WU LDP I E XAZSQ NVH DU WOFFL LGPAM CLDPW CXAWS
10589 MCNCH .,AS'? VCGSH KG IEO LPSOI

MVNDJ SKAOI DJSOW JFEIS LPOID NCZMA XZAIU DWEAS XMCNS 96314
GATSW ./.=, AQPDL CXMZK DIWYF XZNDH WIUYF VBFNS DJUWI LODWI
25983 HDWYU .,?VA' HFHWU SHAJU BVBMX KSSUW AQLKD XNCGD WZAKS
JVMBN 62843 BDHWU .,/VAAS BCSGA XZAND BCYWU KFLEO DJFNC SQUIW
CNM XA KXJCV 32691 HDJSO ./?VA DCGFJ SXCD A C BSHW MCNVU LSOWU
CNSXB MCDJE FKEIW 39648 HCSIO ..?AS/ BXSJA ZMXNC VYBDH SKDJW
/'?.' JCSIW 20178 MVKOL SUWDF XZJAS BCNSU NCJSK AQISJ NCDHW
KZQHG 02301 BXAUD .,?+/ ZAMCK DSIJC BCCNS ZXIQE

NXMC S AQWID CVSHA KLOPI ZXASQ MVLGK OYPUI GFHDJ CSRED 16580
VXANQ .AS,'/ LMP OY CXRAE XVDRE NBFHG AWQES BCZXR BNFIR PGLRO
.?, ' BVNDJ 25890 LAPQI WNSYD VCS DW AQLFP RHFUS BCB DW NKGIR
BXC VY 54783 NXZMA ?.VA,' YHH DY CXDWE VNYEA AWQUV XVSEW MBFUR
AWQLG RYUSL 14790 BAQUS .?.,+ AJAUW XCSAR LDOEJ GMNRY XBSTW
DSEWX VNFJE LEPWN 65874 BXYAG .,AS?VA ASZXW CHIDE KFOLG VCRWT
CXARQ MFYRU NFNFY AEQDS 12580 NXAOL /?./, VSWFG XASZW HDJWU
LFPRO CXWRG LSHDF CXAGS MCNU I 20136 VXAID .,AS/= BXVSH MVKDO
PLETX

QRDFT DSHDS MBNFJ PLEOI ZXACS FHRYE MFLRK ZXAQE URJTH 32156
PLOTI /-VA' QEWSR CZXSA NVHFK QWRET UGTIO VCB DG MLGKT ZXADS
?VA'AS, VCDGW 63205 KHJGK ERATY XVD FS LMCKD ESVAZ QXDZA NBGHI
WERQY 96358 BVNVD ?.,/' VCD FH LKJMF WRET C ZA QXW BFGEU PLROU
CXFDE QWAEB 47859 BCDHE .+'AS/ EUFUS POTIY QWAES BCVDF ZCSQE
QAW EV NVHFK LBPNO 45632 WESKD ./,?AS QWAES VBDJK LPROF XCSVW
SADFG LKJHG ZXASW CVBFN 02365 BCDHW ?+.,/ CVDFG XASZQ MWNGJ
URYTE PLEOI ARTWH ZXACW MHKYT 32056 VODJK ?.,=' NVBDG ZALOK
CVDFB

QRDFT DSHDS MBNFJ PLEOI ZXACS FHRYE MFLRK ZXAQE URJTH 32156
PLOTI /-VA' QEWSR CZXSA NVHFK QWRET UGTIO VCB DG MLGKT ZXADS
?VA'AS, VCDGW 63205 KHJGK ERATY XVD FS LMCKD ESVAZ QXDZA NBGHI
WERQY 96358 BVNVD ?.,/' VCD FH LKJMF WRET C ZA QXW BFGEU PLROU
CXFDE QWAEB 47859 BCDHE .+'AS/ EUFUS POTIY QWAES BCVDF ZCSQE
QAW EV NVHFK LBPNO 45632 WESKD ./,?AS QWAES VBDJK LPROF XCSVW
SADFG LKJHG ZXASW CVBFN 02365 BCDHW ?+.,/ CVDFG XASZQ MWNGJ
URYTE PLEOI ARTWH ZXACW MHKYT 32056 VODJK ?.,=' NVBDG ZALOK
CVDFB

GVXHS WNQHA IKDLS MWPZY DGSHA NWJDU DGRUJ WKLSP NJWKE UJSHZ
OKHJD BXHRT 36271 IUJFG CBSJZ WHNSL KOLWM AUJDG XBCFV WHNSK
OLMQH AYHDG XVCFD BWJZU XIDKC XKJDU HNDIC VPMRY 65378 KLSGQ
WNB DH XVCUR CIKDL PMSVR XVCHF YHFKS ZUYHS 56372 BWVDY IKDHY
XBCJS GBWJZ UJWKL JKDBV YHCIR YHXVF GBFYR DFSCZ UJVFC FVCHD
FKSLR WCX FV HNFLA PHFCT WXXHZ QJHAU 67354 BXHDY WBXHZ GFCUJ
SHRTF CJGUH 10964 GBCHS WBXUY TGDJZ 652/3 BXHSJ WKAPL PMDHV
BXGRT DFXCS JNCGV YHXJZ JWKA O KLWUY HNCRD XVCHZ YHWJZ PLGCV
TGXLA PMWJD WFGRT CJSIZ WNXGD YHDGV 64829 IKFHC BXHDL VHDUJ
VCXGR YHSPA PKLDU LWJDY GHFUC VXYRT DGSHZ LKFHT KHDYT XVDJK
10746 G off

M51a: 3881//6825 kHz, 14-08, 0820 UTC

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

SAMEDI 2/LEÇON NUMÉRO 1/2 VITESSE 600 CODÉ =
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 BCDWV NKGIR
BCXWY 54783 CBHQA AR'/. , YHHBY CXDWE VNYEA AWQEV XVSWF MBFUR
AWQLG RYUSN 14790 XMLPO , .AS?AR AJAUW XCSAR LDOEJ GMNRY XBSTW
DSEWX VNFJE LEPWM 65874 VZQJA +/AR. , ASZXW CHYDE KFOLG VCRWT
CXARQ MFYRU NFNFY AEQDS 12680 GBDHE /. ' .? VSWFG XASZW HDJWU
LFPRO CXWRG LSHDF VXRAU CLNOP 54103 BCUEL , .?' / BCEUF LGPTO
VZAXW +

SAMEDI 2/LEÇON NUMÉRO 2/2 VITESSE 600 CLAIR =
LE PRIX DU GRAND JURY REVIENT À DANIEL GRENON POUR " HARKIS SOLDATS ABANDONNÉS ". CE LIVRE Rassemble des
TÉMOIGNAGES DE CES SOLDATS ET AUSSI D'OFFICIERS, " HOMMES D'HONNEUR ", 50 ANS APRÈS LES ACCORDS D'ÉVIAN. PRÉFACÉ
PAR LE ROMANCIER ET DOCUMENTARISTE PIERRE SCHËNDËRFFER, " HARKIS, SOLDATS ABANDONNÉS " DONNE LA PAROLE À SIX
HARKIS ET QUATRE " HOMMES D'HONNEUR ". 50 ANS APRÈS LA GUERRE D'ALGÉRIE, DANS CES TÉMOIGNAGES INÉDITS, ILS
REVIENNENT SUR LEUR PASSÉ, OÙ HISTOIRE PERSONNELLE ET HISTOIRE SE SONT MÊLÉS. +

CQ DE FAV22 VA

M89 - Chinese Military

4125 kHz, 14-08, 1458 UTC

VVV 8XB 8XB 8XB DE RGB RGB F 253 253 253
AS AS AS
VVV 8XB 8XB 8XB DE RGB RGB F 253 253 253
QTC QTC NR NR 359 115 0814 2330 0109 =
87341 66828 91291 79427 74936 23781 94572 16593 56758 79001 ...

5454 kHz, 14-08, 1131 UTC, i.p.

RR QSA 2 QSA 2 HR WK NR 1065 HR WK NR 1065 K K
R R QSA 2 QSA 2 HR WK NR 0601 HR WK NR 0601 R K
R R OK OK
R 7G PSE CY 7G PSE CY R K
R R 7G GA GA
R NR .156 CK 95 75 0814 1934 RMKS 5396 TO 5407 AR
R R GA GA
= = 3346 7T33 46DT AT7T A5AD 5TT. ...

5790 kHz, 14-08, 1126 UTC, i.p.

R1 AR
F NR 8679/EX 1924 RMKS 9114 TO 9267 =
P=5/K4R1 AR K
R RPT K
R U F GA K

5245 kHz, 14-08, 1414 UTC, i.p.

AU76 4T36 734D 536T ... AR
R QSL 2214 K (Both stations on this frequency)
R GA K
R 7G NR 1787 CK 141 36 0814 2130 RMKS 2843429 TO 2843420 K
R GA K
= = 4A67 3AU7 D657 4AU5 3U46 U7N3 ...

5543 kHz, 27-08, 1358 UTC, i.p.

1720 = XLW4/5BZ AR
4910/EX 2157 RMKS 1983 TO 1720 =
XLW4/5BZ AR
4920/EX 2157 RMKS 1983 TO 1720 =
XLW4/5BZ AR K

5555 kHz, 27-08, 1356 UTC, i.p.
HR ASGN AHR HR MSG CK
HR MSG GA CY K
R R MSG R QSA 2 QSA FM ?
IEC = 74 = 3D4N (Exercise related)

5600.2 kHz, 27-08, 1411 UTC, i.p.
MSG NR 6873 CK 141 36 0827 2230 RMKS 2..43427 TO 2943428 K
= = A3NT UD45 A7UN 543D 46DA 75TA N7T4 4DAT 4U3D AN7U ND56 AUN3 ...

M95 - Chinese Military

4364//8073 kHz, 03-08, 1132 UTC, V26: USB. XSV85 callsup in Chinese voice
4364//8073 kHz, 03-08, 1133 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages
4364//8073 kHz, 03-08, 1146 UTC: M95: CW
V BNGC (x3) DE XSV85 (x2)
HR 7GS GA PSE CY
NR 0623 CK 406 35 0803 1626 =
TT3 3U6 3AN 3U7 TAU 773 354 3N4 4AA NN3 ...

9054 kHz, 03-08, 1151 UTC
AR 7G AGN NR 084 CK 235 0803 1515 =
5AA UTT TT3 3U6 3A4 5T7 5TD N44 5TN
N44 5AA 75U 35U N3D 354 374 4TN 445
3DA 4D3 AR A HR 7G GA
NR 039 CK 15 35 0803 1550 =
UT5 TT3 3U6 3A4 TTA TTU TT3 773 356 4AD
445 4D6 N3D 4D3 3DA AR 7G AGN
NR 039 CK 15 35 0803 1550 = (Repeats message)
AR A HR 7G GA
NR 06 CK 114 35 0803 1602 =
UTU TT3 3U6 3AU 73. .4T TTU 773 353 N3D 354 4TN ...

4243 kHz, 10-08, 1145 UTC, Q26: 4+4 QPSK 75/3000 LSB
4243 kHz, 10-08, 1147 UTC, M89: CW
VV HR 7G TO YR PSE CY
NR 20 CK 138 35 0810 1548 =
UTU TAT 3U6 3A4 TTU 773 353 U4T 454 N35 374 ...

4364//8073 kHz, 10-08, 1131 UTC, V26: USB. XSV85: callup in Chinese voice. Male operator
4364//8073 kHz, 10-08, 1133 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 messages
4364//8073 kHz, 10-08, 1140 UTC, M95: CW
V BNGC (x3) DE XSV85 (x2)
HR 7G GA PSE CY
NR 0665 CK 163 35 0810 1550 =
TAT 3U6 3TA 3U7 TAU 773 TU7 773 TU4 773 ...

4243 kHz, 13-08, 1141 UTC, V26: USB/Q26: 4+4 QPSK 75/3000 LSB. Callup in Chinese voice and digital message at the same time
4243 kHz, 13-08, 1144 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243 kHz, 13-08, 1151 UTC, M89: CW
VV HR 7G TO YR PSE CY
NR 005 CK 32 35 0813 1545 =
5AA UTT TA3 3U6 3A4 5T7 5TD N44 5TN 75U
353 U4T 35A 4TA 445 3DA 4D3 5AA 75U 353
U4T 35A 75D 354 373 4T3 34U N3D 4T7 445
3DA 4D3 AR MSG AGN
NR 005 CK 32 35 0813 14545 = (Repeats message)
AR A HR MSG GA
NR 069 CK 17 35 0813 1618 =
UT5 TA3 3U6 3A4 TTA TTU TT3 773 353 U4T
35U 4UT 435 33U 446 4D6 3DA AR MSG AGN

NR 069 CK 17 35 0813 1618 = (Repeats message)
AR A HR MSG GA
NR 26 CK 117 35 0813 1720 =
UTU TA3 3U6 3A4 TTU N44 TT3 N44 5AA 75U 353 ...

4364//8073 kHz, 13-08, 1130 UTC, V26: USB. XSV85: callup in Chinese voice. Male operator

4364//8073 kHz, 13-08, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 messages

4364//8073 kHz, 13-08, 1140 UTC, M95: CW

05 05 05 (Don't believe that I've ever seen 05 being sent during this sked -JPL)

BNGC (x3) DE XSV85 (x2)

HR MSG GA PSE CY

NR 0671 CK 131 35 0813 1550 =

TA3 3U6 3AN 3U7 TAU 773 353 4AA NN3 ...

4679 kHz, 29-08, 1112 UTC, i.p.

LKM5 wkg RG2G: MSG NR 324/CCK 95 40 08 29 1918 RMKS 4145 TO 4233 =

65A7 3046 ADUN 7D43 A5NT AT63 UT36 U5DN ...

MSG 324/CCK CK 95 40 08 29 1928 RMKS 4233 TO 4145 = 3T46 ADUN 6D4S ...

4793 kHz, 29-08, 1139 UTC, i.p.

Q8AI wkg 9QAT: MSG NR 070/CCK CK 31 80 08 29 1935 RMKS 9581 TO 9121 = 7A74 5U5N U673 3NU4 DTA3 ...

MSG NR 070/CCK CK 30 80 08 29 1935 RMKS 9121 TO 9581 = TV4I 6AU7 A745 ...

DIGITAL MODES

HM01 - Dirección General de Inteligencia

11435 kHz, 02-08, 1600 UTC 14427 82028 12815 43556 63805 81641 (repeat of 29 July)
11435 kHz, 03-08, 1555 UTC 14428 41151 12816 43557 63806 81641
11530 kHz, 04-08, 1700 UTC 14429 41151 12817 70401 63807 81642
11435 kHz, 05-08, 1630 UTC 26421 41152 12818 70401 63808 81643
11435 kHz, 06-08, 1557 UTC 26421 41153 60011 70402 63809 81644
11435 kHz, 07-08, 1557 UTC 26422 41154 60011 70403 35751 81645
11435 kHz, 08-08, 1630 UTC 26423 41155 60012 70404 35751 81646
11435 kHz, 09-08, 1610 UTC 26424 41156 60013 70405 35752 81646. Started while already i.p.
11435 kHz, 10-08, 1556 UTC 26425 41157 60014 70406 35753 81648
11435 kHz, 11-08, 1556 UTC 26426 54171 60015 70407 35754 81649
11435 kHz, 12-08, 1554 UTC 26427 54171 60016 70408 35755 48721
11435 kHz, 13-08, 1556 UTC 26428 54172 60017 04131 35756 48721
11435 kHz, 14-08, 1626 UTC 26429 54173 60018 04131 35757 48722
11435 kHz, 15-08, 1626 UTC 63421 54174 65861 04132 35758 48723
11435 kHz, 16-08, 1556 UTC 63421 54175 65861 04133 35759 48724
11530 kHz, 17-08, 1700 UTC 63422 54176 65862 04134 11271 48725
11435 kHz, 18-08, 1558 UTC 63423 54177 65863 04135 11271 48726
11435 kHz, 19-08, 1556 UTC 63424 54178 65864 04136 11272 48727
11435 kHz, 20-08, 1610 UTC 63425 87721 65865 04137 11273 48728, i.p.
16180 kHz, 21-08, 2056 UTC 63426 87721 65866 04138 11274 48729
11435 kHz, 22-08, 1630 UTC 63427 87722 65867 04139 11275 55511
11435 kHz, 23-08, 1556 UTC 67701 87723 65868 56711 11276 55511
11435 kHz, 24-08, 1557 UTC 67701 87724 65869 56711 11277 55512
11435 kHz, 25-08, 1557 UTC 67702 87725 33011 56712 11278 55513
11435 kHz, 26-08, 1559 UTC 67703 87726 33011 56713 53021 55514
11435 kHz, 27-08, 1600 UTC 67704 87727 33012 56714 53021 55515
11435 kHz, 28-08, 1626 UTC 67705 87728 33013 56715 53022 55516
11530 kHz, 29-08, 1712 UTC 67706 87729 33014 56716 53023 55517, i.p.
11435 kHz, 30-08, 1603 UTC 67707 38171 33015 56717 53024 55518. Started while already i.p.
11435 kHz, 31-08, 1626 UTC 64131 38171 33016 56718 53025 55519

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

M42 – various modes

12153 kHz, 03-08, 0816 UTC, MFSK
14838 kHz, 23-08, 0910 UTC, MFSK-66

F01 – FSK 200/500

15854/13543/11126 kHz, 04-08, 1840/1850/1900 UTC
Null message: 5761 00000 +++++ +++++

F01 – FSK 200/500 Mon-Fri schedule

11076/9164/7316 kHz, 02-08, 1015/1025/1035 UTC

08243 37202 73845 61911 79628 45922 44658 93363 30382 99864
78822 04300 75007 19475 93179 27049 90744 43958 23774 16910
04456 34451 85444 68845 69837 28849 89709 25679 02157 84229
00648 76235 62697 67814 33449 66854 10089 82406 25334 74727
60732 37225 33521 16484 25484 00107 39929 90470 14803 91973
67314 76159 29540 09535 36510 39121 79560 87150 19476 15007
97384 33781 67828 70962 39034 05983 21555 67930 89279 02874
27584 72267 13462 94004 22909 90105 23088 16086 61949 22921
47382 99491 92843 67716 27983 10491 12343 10284 78967 20139
54017 84955 79406 35764 89448 99310 90609 55992 47089 47256
15284 35241 78496 58919 40756 68627 26613 60796 33482 33220
75781 44602 76997 46578 88190 68230 70523 28516 56435 37300
30400 77018 26869 40687 61541 94266 73454 38516 91094 23690
26786 26011 81497 83989 87971 21682 65113 11082 82072 53252
67640 43880 30777 39779 12473 14863 48999 93411 23213 31372
95095 89200 66509 58560 29375 76430 02419 39942 60606 29873
34470 16485 85194 64435 76630 30160 48721 61619 79343 22918
84539 81229 81848 66998 09103 56781 82946 87536 78723 98031
47417 63384 37440 49080 90264 17094 10693 75472 05983 03004
24475 78741 35031 43350 54675 61835 84701 31359 36270 93854
46568 57249 87076 47548 77706 48072 25736 07997 37870 49352
88628 75926 99813 45437 75402 14094 74942 56515 77792 10164
21487 48228 71445 54542 27383 14820 75401 56575 85045 21754
08956 47575 00223 18750 00561 44091 02125 59158 28467 69878
47007 86625 97796 59994 32392 74980 83724 95458 64135 32280
95458 41919 43501 04956 40713 90759 66447 42991 95358 26087
52308 12073 07929 66030 44055 63658 93680 51803 47329 98876
97899 82942 00432 87234 33119 22197 92453 26024 19963 18457
71747 51407 86283 21214 11905 37087 04289 84940 27455 41523
70346 86859 56448 89610 57150 06533 52125 99774 92938 40690
50855 92412 47448 51767 08533 40621 29300 73554 22615 49143
24487 22432 81993 72478 30677 87586 11891 08088 66993 98692
05950 25640 63974 94449 62736 18221 63396 40456 68805 86461
82647 69824 95551 91509 23342 44990 02011 37789 28856 64154
60801 71474 20477 60788 49404 05638 66859 69639 43964 07985
66462 57687 17790 12125 47666 43472 31755 38321 16254 53238
08781 34645 04935 87335 09582 74477 04622 95315 31880 71302
82117 83144 40253 96714 13927 00995 98819 12592 90861 85034
73943 53365 73140 51660 99143 19325 00659 67607 19403 66891
88122 44377 57049 06812 59739 30421 66418 46185 03140 99508
69464 35291 47226 58735 89522 05126 93642 24582 25393 06610
56530 40498 32958 87383 90288 34406 06494 67149 09998 39596
76886 97475 34215 21423 00000 +++++

11076/9164/7316 kHz, 03-08, 1015/1025/1035 UTC

49714 69105 40543 53680 41713 31631 45042 31518 87597 44418
25311 12091 74390 36987 75999 78872 45607 32651 17361 26569
16948 95728 75061 78890 58885 13223 32341 68129 88331 21920
09235 50003 36578 16828 48527 52179 85690 01900 13134 79934
90548 68990 24598 27382 28717 15956 97382 67694 45337 39870
48657 20778 85225 66258 88256 21819 29370 00317 18506 39150
77997 11037 98589 14867 47425 84174 53168 26640 72858 05012
29915 94154 34338 56835 35663 78616 48019 46076 05867 48758
89966 90046 87029 11793 44661 22085 00000 00000 00000 00000

71807 78597 51138 87290 62758 75965 57976 56123 53489 29142
54966 64115 46038 41851 03392 05927 29994 18456 82167 36666
58513 87802 25831 55551 35376 82241 38397 68965 99012 01516
31539 75091 14439 16192 60519 37324 09045 90342 56309 38626
13162 28140 77345 34048 91357 74071 29347 43556 75384 21456
26632 52403 34737 08945 93390 11189 45731 09699 28317 52824
45067 42935 81077 68575 78795 62512 14015 10376 82633 02268
47559 11597 54567 82771 12758 43463 05675 09197 59373 49299
00112 14987 92989 23795 20190 31023 39555 29480 17500 84947
60805 23091 00000 +++++ +++++ +++++

11076/9164/7316 kHz, 04-08, 1015/1025/1035 UTC

10500 68501 30189 16780 64239 17849 11323 50189 48804 22286
11798 95077 41180 00709 70889 46822 88256 12532 85553 64584
32792 81292 97183 48869 19954 21086 92535 89878 57858 33017
54747 66359 30555 63862 25392 99628 86881 44124 63504 92455
53648 47672 12520 07498 46566 40143 11057 64979 77370 08313
08493 64287 80570 87598 71246 59187 08272 29904 90742 41337
66492 78975 28953 11791 91433 45473 62489 45174 89114 98927
11156 76230 86837 18789 61919 63410 69895 71737 24231 09202
01980 07452 77616 41890 52711 90029 97511 88425 80739 07227
70239 93092 45847 24730 33093 61673 48496 77628 00454 35776
20246 16280 61881 27039 13498 48761 63111 65877 63988 47090
05905 44466 24475 09400 27680 58659 93047 95260 46865 78514
84512 76331 84919 02116 18274 69535 00942 72391 21163 44935
99819 61608 68639 25513 99849 53219 12815 21022 70770 75775
70727 63113 78139 68562 71309 33920 94997 83675 84480 05284
66755 54198 80810 30811 40241 83186 95186 57958 92840 33142
92918 52313 22684 20656 61725 51275 85789 45921 78037 89320
91133 11794 21057 62031 89553 12095 32997 21088 17448 93829
48968 17399 81193 23033 44913 34568 93220 08903 77060 79880
95690 65934 11308 24993 32707 18717 65994 13523 56994 79105
16480 77715 82001 50435 34984 31381 15331 38478 64116 31292
34473 73826 47533 24223 90754 75386 66163 21820 52442 09672
53433 70494 22957 25591 87941 08521 95109 69404 87002 27529
27319 09549 49515 80580 52736 26011 21579 04011 57216 43940
83307 45233 87075 16184 80263 13682 72572 84440 47968 97093
78048 73713 02909 10305 14665 99744 98490 68752 76677 94139
69366 03876 87181 76837 12581 62600 64265 30650 78974 58082
43519 57522 73272 63923 17822 21231 86304 69015 80347 06190
07794 35233 81746 47059 93147 25131 37406 08844 82688 91857
45758 22159 96762 48460 03560 03373 55176 58772 29075 14291
94364 17070 29110 41077 80776 08689 70839 97109 43868 68776
44341 79438 77173 81390 26805 33557 80878 86102 84329 06146
44331 84318 72261 90510 91935 62489 19999 94365 40863 74406
11215 84683 44007 49761 95421 89270 16648 21168 91819 59774
70226 86829 71376 25807 01699 51032 28055 94861 11888 09662
75151 77724 51278 72928 27658 44055 16689 42485 56601 37842
47266 85125 26299 07394 93221 70253 50448 29580 55776 63311
28016 32993 21716 92351 44839 49725 41026 29937 51892 50445
21028 57564 56149 42462 35451 04797 84983 35467 71888 80281
10037 04639 66072 36864 41502 05797 96390 37959 28750 22296
37114 17383 28245 48345 93733 49833 24679 38438 68873 74196
16271 77590 32212 24413 00000 +++++ +++++

11076/9164/7316 kHz, 05-08, 1015/1025/1035 UTC

45080 43659 58860 32557 45266 33892 47055 11317 91173 39876
38805 77161 45630 87060 92875 56517 78733 90743 84855 97808
60025 10730 49189 25385 46872 86942 26000 17370 92459 73183
98626 37122 21866 11224 32834 73005 49632 12414 53608 66135
37274 38999 20493 30813 14177 02332 87399 97311 10303 20169
57825 31724 74154 00229 71417 12540 74427 42216 82828 68654
08793 75486 18786 08488 68251 74539 24328 94903 30480 19540
34136 45621 80631 94036 29902 63798 83006 25077 00000 00000

17034 30898 21022 66306 44302 08369 05346 29317 49028 93959
10965 85098 63143 24446 82378 34246 55114 44674 31392 48651
23735 20275 19435 76846 93583 58679 81385 56868 48067 18116
89330 28818 61014 09297 79712 64327 12728 19456 92281 55102
01454 13438 94314 27733 86202 91536 88517 76968 21844 08744
28054 34631 72435 85125 87152 16356 13704 61989 60702 13370
60628 83542 91301 21452 81057 08729 47181 24311 81298 82927
99444 73530 74617 24198 72061 32290 68583 03770 63050 75039
32208 25457 60297 60325 28794 33679 00434 18938 25453 04793
44223 24585 15219 26093 00000 +++++ +++++

11076/9164/7316 kHz, 06-08, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

11076/9164/7316 kHz, 09-08, 1015/1025/1035 UTC

46474 30141 36250 56588 86759 02591 44552 82950 15783 98503
01822 76485 12651 95121 77843 78961 25441 04000 61223 62586
36065 14064 68442 44012 74054 79300 76049 14071 08965 99512
18193 94157 76077 67580 16665 55225 15086 81658 35659 60302
26465 45759 78416 16494 75201 07150 67960 47382 96569 03999
79093 21784 83653 21718 13858 99789 61288 81436 37637 82020
76121 09035 18091 73057 57466 58186 34107 94951 28650 85839
46964 11788 73537 03578 50885 51202 87915 53298 45178 33829
70429 80644 95140 46578 32758 04626 73922 20709 33711 06872
02539 00623 66946 88949 30207 14314 56985 71186 22206 81421
43210 31431 47448 19815 56547 07199 82935 36654 18506 09628
77307 14853 17273 22695 40652 30902 40543 86115 52775 64963
69774 85379 07120 89200 65558 97350 32506 45259 98793 64867
59905 46848 07340 98791 26407 68358 82856 30927 33590 05454
17498 66263 02472 18567 65163 07970 92227 95249 96987 53577
74866 92304 55747 85794 83055 43640 38889 06393 73268 44786
64861 86581 71459 50007 02423 32342 93446 42952 67637 88129
57181 66769 18227 27392 29105 24646 99977 03352 71777 86680
24882 58463 84959 64048 85707 16017 57337 36389 36681 02295
71083 43352 94969 72742 26437 76240 42655 40567 78487 30692
33876 31235 03355 06331 36846 11264 35954 64328 65405 64784
46527 78815 79829 16289 48130 43075 61549 23004 52267 16460
91491 85338 14857 22976 86715 48825 39718 37447 75046 96013
31760 20239 12372 51735 17069 86429 72314 50189 72080 20414
62946 37277 29013 71836 50245 06632 49766 93822 92976 92781
85459 09427 18688 69865 63804 17239 95505 29369 71495 72094
79418 35289 23809 01815 41734 80185 38596 45922 06410 90544
56856 27266 51915 54897 77083 92490 57357 73132 95568 82297
97505 50433 69842 17425 16453 84282 47455 11285 34561 17975
27275 45206 68405 59065 45493 67203 68387 86201 03519 00226
03717 92765 79966 70808 49439 40779 93900 94083 55206 23494
11551 76063 00467 60107 13654 19153 65778 71057 65649 41821
74913 07307 57874 48374 87453 32077 07980 09754 46567 78461
42733 41319 11638 31352 01408 88530 30457 07117 27939 56489
30645 29480 44037 44250 35002 25015 20448 69872 30472 86721
88541 97116 45408 79089 59423 99749 14824 83119 42751 24375
38321 04710 82447 37746 60384 94866 51492 69482 27719 55168
72984 86137 03339 26919 59667 57547 42065 87428 89088 01407
57152 01867 56597 17003 32704 04114 73364 44046 61586 05053
01603 07538 13511 51748 44183 34610 62980 85932 30840 54276
31790 75252 68136 16026 25766 15701 45392 27407 00000 +++++
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11076/9164/7316 kHz, 10-08, 1015/1025/1035 UTC

49315 21974 37817 97659 14492 84145 71806 91760 48245 81553
64055 89130 66006 76385 25684 21219 79298 72624 83405 30661
21586 14033 13244 58576 78518 04123 84098 81182 64752 59028
65873 69164 14550 29228 81837 68235 78325 51054 09912 24325
42345 13920 62572 01836 13757 54213 00049 68404 38130 11781
56518 44596 41720 09956 83971 41995 15610 45050 43437 38089
83944 96263 98267 61428 23433 91934 89153 85463 26302 93078
95570 28071 00000 00000 00000 00000 00000 00000 00000 00000

38622 66366 56143 56516 21900 21820 88390 90998 52256 21823
22016 89572 09373 88698 63137 30359 96521 77151 52050 23698
84717 13814 54703 38268 87053 87666 08563 99174 92902 39786
65065 68952 16663 25828 95839 47407 40746 49723 54877 51254
57489 91981 13856 59470 39684 81083 12797 35310 94398 81353
93229 60919 79798 95793 06080 45483 89630 07289 11436 92843
35086 06620 12413 39538 78697 80748 90268 99169 99986 59777
32998 74077 97531 46048 74549 20217 57152 73804 86892 76214
40888 72852 92089 92503 76474 34676 86589 21509 51986 29089
00000 +++++ +++++ +++++

11076/9164/7316 kHz, 11-08, 1015/1025/1035 UTC

75083 84361 57726 38240 28420 38218 10813 62448 42086 63321
88451 52544 08615 08932 44915 94805 08989 02889 09034 56499
70130 07812 08917 28250 70537 18016 00296 84489 36246 08091
53161 35399 94314 69073 76390 68801 76022 93163 85053 05428
86947 92902 40076 16000 86141 65768 14960 73566 41566 40118
69238 39537 53987 63412 33355 06835 66516 18667 34664 48624
01984 80057 19221 46039 95324 43631 49067 93349 13183 94044
79693 04014 77901 93282 47358 66041 38098 02277 20965 20112
53009 71385 98170 58888 82790 60645 50427 70950 01967 75755
46632 77805 78205 30714 10076 37398 83617 73060 88389 12555
30759 32646 41155 27821 50533 79878 74884 63104 54171 04383
80054 57574 46480 49999 49870 22255 82555 67076 85462 84744
85128 67980 17192 14502 64753 96766 96760 02138 10011 48952
39806 91150 39919 02314 23674 85529 35738 44672 70055 81689
94356 09575 67169 98149 70454 55830 11192 01404 99606 51834
71602 51428 19553 50603 10151 15242 31780 66485 08119 21987
70636 89456 81573 57934 72145 97958 89298 24881 59723 56205
63082 10359 88965 06902 15060 43094 18716 95312 01800 32162
00583 85608 49802 13274 04106 55447 72127 50621 19752 79700
30808 67731 06935 39289 24766 05764 79233 16052 07891 32680
44012 59582 66990 51737 38621 36978 14292 82727 30366 01440
74172 14420 72433 40654 68829 51617 32963 90898 32552 05294
39448 27806 09300 99224 05664 69726 13267 91561 33288 54629
57122 34793 05436 76471 77618 22510 14257 91977 13239 96432
89815 33771 13600 12129 22423 90787 85262 86856 95615 41907
03670 77979 71960 53759 45876 65378 98889 78607 23773 36311
26731 13287 22481 96149 56142 05102 73614 53428 57120 15639
18093 52654 26788 78427 38186 53305 78126 11385 63495 78452
76864 69983 80535 81458 68691 52078 00633 04170 63993 90334
65793 25059 72292 93184 97262 20740 03589 20267 16442 89302
78773 03262 92853 08900 16321 48091 98845 30026 87432 79388
75730 24927 56826 13201 41019 42573 51359 68846 91475 42636
23668 55871 81649 06913 03018 97045 82580 51620 50546 73320
50376 89008 61087 01710 59335 11739 78762 82008 79307 98431
18541 73302 01986 63866 10927 86195 45800 02230 11991 01706
94127 96880 45918 52746 46476 95045 72263 29153 87355 70905
95099 92181 02503 25484 56246 09408 97163 96803 79775 45987
96111 78724 59966 73190 30091 71917 09906 80167 38373 15397
12928 99863 42119 72064 44062 85046 68220 66691 53699 95354
28326 99775 30643 81328 82723 85726 86749 76343 43780 88788
30334 32398 98611 55170 20533 60683 55688 64792 19816 62876
45044 30411 00000 +++++

11076/9164/7316 kHz, 12-08, 1015/1025/1035 UTC. Wrong 1000Hz shift

32468 37232 83483 57381 17520 83819 29969 92224 77172 75938
93355 90595 13609 68048 38588 15465 07972 72274 33400 16033
33877 69758 23803 98890 81968 77176 85443 78574 81447 98127
99281 49705 29510 14071 25023 47891 64629 94495 70738 91596
44625 31026 82121 22148 15464 25133 99801 84074 81699 84147
58167 12970 14536 05266 24131 23057 58404 52227 99269 11651
22027 54353 33785 22704 64880 82642 25716 36616 15017 82603
03840 78505 79162 68505 17709 62128 31043 08755 83250 11618
88864 57059 57366 28257 17902 31085 00000 00000 00000 00000

31860 98868 03668 11417 68864 74232 39914 28361 25023 76584
81237 91691 69670 61943 29486 94407 61614 68467 71033 21286
64268 85858 92547 71460 77288 07285 09353 43990 83142 56008
67327 91094 32071 03912 04276 68764 13859 24102 81708 39409
89854 44789 22972 06257 83690 96615 18660 84171 54131 70636
85252 36583 98480 29128 87912 33223 59997 36415 63378 08344
37758 01908 03893 24120 22386 52533 88109 68901 06108 76747
69899 45034 40561 07314 61014 25903 40788 35049 68533 32079
00000 +++++ +++++ +++++

11076/9164/7316 kHz, 13-08, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

11076/9164/7316 kHz, 16-08, 1015/1025/1035 UTC

28334 11870 07614 04818 48985 14317 57104 45079 47049 51995
00165 23076 97289 38353 77155 81211 89719 88462 63517 72053
39014 09863 42713 16805 45593 51694 70678 21285 44293 91828
30206 41624 01580 66672 98715 16849 47232 73335 77837 10553
51433 98842 58248 28830 83214 56097 18202 06678 11179 31256
79187 80028 32452 72229 67152 85626 40791 72973 52731 55920
69791 33275 68915 01156 72128 98709 29602 95872 20770 10471
97460 11980 43107 19735 74546 65598 23920 46279 14118 69864
38137 86018 77069 10872 99319 97156 81442 88956 34796 19635
18432 92487 23405 07578 33336 96375 56763 79405 94890 02472
10018 15312 01410 64046 32996 56798 97191 61543 97713 87940
97603 21785 63161 03081 46309 97824 43316 90636 53052 51634
89315 87711 85444 06804 21722 85185 13204 63453 73832 87993
28260 92541 31954 60258 89186 51750 83586 09973 63378 90138
09467 92933 65425 33765 80378 40583 15119 69439 44703 41477
63511 68815 17616 31047 60494 20000 07895 69356 62313 58871
43246 11525 02453 17292 80121 00522 74351 30400 08931 37010
99363 70171 90612 05925 78411 97443 85480 64482 50770 49581
60302 21296 08413 05965 84531 61301 39371 98518 51637 96162
98523 59424 86475 44858 29271 23244 24625 74127 84529 25619
74640 53473 20469 65739 99146 04392 61452 24771 75720 48543
59598 57425 23503 84523 97413 98862 06455 47942 06925 54115
49227 34487 03757 62217 26555 90667 59584 52229 12134 01914
61407 33342 97891 32738 31075 86256 19626 98624 03499 48011
49915 74347 87002 07464 44251 68405 54231 53599 51342 18254
37070 43857 23503 86028 23996 84671 88083 59438 83319 41395
65875 87529 60735 19818 47421 05996 24627 86444 63173 31727
57567 19738 08442 31285 17442 09497 09060 92995 16647 46578
38714 57332 92781 70125 23866 85295 69287 64517 97218 69470
29469 23200 85643 17438 52324 21605 43529 62245 83632 66341
67469 79613 40735 12840 53241 16563 74440 68640 81001 61164
36504 24516 39650 08083 26098 80613 26282 99609 13741 59801
81683 46873 66088 25414 47793 60912 20050 45576 58080 48303
79661 71296 96761 51013 34142 20519 87817 35197 20584 85321
99713 58593 79707 04443 76795 71227 78122 68325 33278 29105
95527 48879 70763 25570 00292 71122 05242 70042 61848 68917
14498 68793 73346 91970 41858 87465 82991 56287 17237 00016
57518 55280 81394 53774 26226 73698 24357 05299 79016 71580

73941 06728 16881 30420 95303 47297 78260 78719 87469 79726
89719 39126 87770 86156 14381 64337 20128 63324 96548 53971
48127 31663 25956 69569 18804 98013 70090 89936 08104 26642
48006 74007 03927 98238 44098 23407 87716 61603 85235 61915
00519 07677 29725 74011 04448 33425 00000 +++++ +++++

11076/9164/7316 kHz, 17-08, 1015/1025/1035 UTC

65927 65988 94723 51644 83071 02273 73372 53205 43285 19596
12281 64180 55230 39187 82113 35526 36850 41552 14384 44713
49978 83292 04283 03602 08485 81595 51879 58220 45903 96087
90145 22618 53456 62740 73227 13994 24434 59511 23417 81277
65863 08418 60244 44356 63389 43716 60137 86135 10323 00883
20093 23780 37188 99891 70856 33527 14292 70856 33527 14292
20894 21541 56626 84702 80252 18425 59384 79550 06540 43998
27378 67310 20138 65191 95324 96938 17660 99207 95027 31336
08018 37671 94825 38335 36109 08745 28974 34087 00000 00000

57456 24545 33465 07320 57047 03978 35213 24791 17278 15504
74678 81217 44405 23676 16022 79300 36483 16498 62901 30574
92367 69182 71044 86990 13395 71294 77708 56977 27423 65712
90223 16908 89923 72835 00807 53914 41813 98495 19830 00994
28711 48982 44740 50327 11306 01648 06801 55768 21531 04506
62859 60420 44220 03282 24323 10256 28940 19330 40524 39709
61695 26880 78671 40168 51171 03024 67570 47330 09223 48907
97295 08331 30287 05542 92017 14597 99409 35077 00000 +++++
+++++

11076/9164/7316 kHz, 18-08, 1015/1025/1035 UTC

20519 00253 41531 32957 00258 37541 02493 18090 66130 60807
52688 60160 40809 00276 02582 83229 78373 70173 17430 59172
41091 71366 24192 10933 59495 10490 00946 28399 55444 34029
41022 57788 32869 00769 09030 50531 65873 41067 30955 82539
38890 76382 85546 79846 18574 97485 89138 11514 62124 24812
91137 35768 91708 99363 22324 10301 89706 77634 63185 02662
94424 28963 24451 61687 00994 58769 57021 35901 97130 06105
33483 49830 88452 88964 68388 74162 93021 95780 69496 50691
09822 46548 37153 57985 90847 72020 54012 28715 71497 84408
32264 54576 38943 38012 10584 39756 43190 03247 17964 88860
80493 02468 46635 40263 03822 81064 01252 80790 40066 12237
16542 02706 18671 58905 60591 88899 41378 41181 65971 37256
47773 82849 55874 60105 56320 35286 57466 19716 85570 02255
19630 85763 85235 14028 77283 25699 31810 24249 29485 63977
68435 27995 23476 71059 93688 24469 61879 68146 28979 72751
75230 58569 19255 14061 27021 21776 46692 58955 43456 30854
62058 62912 85100 79528 63444 38724 02615 29566 77044 79151
43750 14530 19671 88258 03813 60817 47705 44888 36758 11924
22146 46699 69132 66860 44476 08204 84023 68677 43005 11253
67221 04016 14389 31396 32774 99633 50021 88556 70125 26850
01964 95467 80021 49819 68125 02291 91376 78609 01362 60872
76277 12994 72184 57055 05330 87899 39781 84506 10511 56462
11018 58477 47744 71610 92110 92948 76357 52124 62676 89584
97625 44101 26819 11953 19586 13778 20964 43421 40307 32626
83112 52194 66805 40680 13213 11913 11788 99016 79328 51256
35426 67344 49301 30986 24319 67611 52583 71873 24872 19602
01936 81935 73237 59433 29675 56429 89041 76902 18165 49039
25054 32620 29226 37690 90015 40868 62162 33428 86787 29108
95087 05804 33024 10101 89241 23201 56553 27553 60982 31539
82651 61237 51136 19794 55397 02521 46408 45777 60300 36250
32519 20597 40381 89908 83781 75257 22901 36007 18777 57818
98919 58627 76841 34564 22874 20071 95034 93605 24367 88532
90292 74373 49342 12758 76428 71411 72851 54602 70706 85942
50586 15442 69628 23610 01363 17369 98670 61856 37761 25108
65612 35365 87086 19596 72184 13012 69856 59155 63690 64747

27990 89209 21311 41868 19902 86457 26775 19099 24661 48478
54072 71933 22436 64661 67910 87656 43389 29442 33598 33510
02213 83744 68038 30412 60506 95593 86526 05687 84162 15821
25030 23233 87968 69805 42651 14577 84601 71191 33950 59231
80197 68510 05819 87817 83699 60654 98590 06376 22160 42132
56080 65304 79182 64054 74235 21364 98706 21766 83085 66188
21298 05093 41687 19736 45159 72105 50734 12118 29026 32376
12542 02245 79146 50624 93073 06729 87537 06727 65711 37471
13688 36431 00000 +++++ +++++

11076/9164/7316 kHz, 19-08, 1015/1025/1035 UTC

25729 89726 87194 83641 44918 39129 37328 29103 42219 55568
69096 35336 07883 44180 52598 49869 39787 70503 71254 43494
35324 13665 56520 27570 96670 86470 57071 43686 97867 64574
53394 80384 87161 91914 53727 96610 23030 54608 32290 56599
67343 40494 95729 05868 84084 26502 88731 43010 17084 61045
74724 66982 45181 33619 52622 04565 38280 48793 95543 47678
62710 46787 22428 55266 09348 37812 38516 99401 42924 42378
05603 60323 95966 54734 28020 00093 55801 71650 65273 69540
18067 53714 07285 28211 05164 11333 73163 81974 73079 37089
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

48597 55432 33467 83291 57448 12323 26691 21295 47008 58506
52943 46305 26261 53038 53171 66461 27879 94121 67598 03846
42131 07391 70844 38861 82522 92869 00510 21890 87867 54072
96405 38189 90466 57662 92608 36927 05097 97120 29543 60337
18477 58851 78265 33891 83917 14166 94143 03451 50829 85590
42122 30337 83789 60918 60753 80230 50835 53458 57184 66875
85692 31914 50294 36490 53613 68322 04155 03849 75515 77505
19019 75956 90112 46454 72014 24260 58712 77102 24727 38079
00000 +++++ +++++

11076/9164/7316 kHz, 20-08, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

11076/9164/7316 kHz, 23-08, 1015/1025/1035 UTC

60389 15386 76466 05842 64986 09095 31748 81462 66789 74782
34460 20987 67187 55398 54406 23703 88961 71569 03289 65972
78164 49718 69056 41709 50228 71372 56201 32628 85000 67107
49208 94234 00403 03546 41330 68455 59375 36873 95889 58884
89821 31286 32279 29553 22222 65820 53862 13174 74612 78001
59956 39801 39617 17741 09079 21831 53215 09929 25662 56289
49936 49157 67397 30349 34165 75001 95425 40996 22250 01315
14538 64798 35104 97961 75588 38717 45970 48425 57298 37873
13063 31737 69642 61246 51750 02158 46010 61200 25981 65048
16316 77808 63634 72377 78256 63893 25482 86282 08906 11733
82454 84145 83823 17358 80894 03607 95870 43388 00481 50955
90920 66343 34526 21338 62658 19359 47315 04225 73636 66252
88189 72558 94799 67876 67048 79041 80648 26691 20973 07984
22238 20499 26647 56154 45190 61276 38265 41079 44919 40040
55614 60212 76253 43689 52027 49428 39627 54751 16878 14262
31057 69981 92318 32349 48065 98745 08945 50484 68753 27127
50068 24760 46201 58686 99297 77191 85391 67830 51100 67300
94842 26707 89043 02066 30127 91577 61403 32695 71481 59598
08813 11653 02683 31945 23659 08372 83375 44234 45904 07105
32059 50150 25013 35330 61885 69252 02690 96171 36497 34859
96096 03255 38059 02986 86256 41443 64689 08240 41305 01889
99471 77637 29309 64840 18238 38265 00315 28644 28307 79717
42318 08362 55367 57273 40862 52474 20696 46716 96916 51069
75886 86765 82764 33988 87301 70035 40549 82335 87398 68466
53193 01820 35156 04171 42369 31334 52760 01624 73199 85241
30746 82139 70392 52779 18795 86568 75484 03036 44348 37159
99887 68925 26253 74513 53424 08610 75613 30579 53033 67799

01025 23614 41345 91363 60408 86059 69807 57702 26597 61267
26043 34305 58895 30002 10143 77943 97766 52672 89561 27921
24871 38225 87323 65838 55602 75629 83211 40291 56352 88901
32632 79949 03653 01600 32846 43457 27412 21730 91248 79576
05412 83003 75384 96037 01266 03371 49399 60500 63024 46784
26586 82097 24605 99121 92755 46974 77251 94203 80071 06266
03187 50849 96080 39967 88678 06903 37597 45100 58666 61169
44132 21654 00178 59203 70578 54704 66685 83874 83803 16162
80619 36665 12866 34597 76206 20617 07529 06557 49830 60887
84764 47831 10100 23833 67929 08091 44809 20566 48309 97353
46980 05928 23710 97690 67181 08799 93788 58631 84290 54705
16811 99700 11916 66638 57518 68512 82639 55042 80802 27877
77283 32894 70862 70344 91385 16823 80537 83627 56066 00196
40509 15344 55477 09119 83046 10506 08022 77287 59995 20211
03533 00615 59688 39413 00000 +++++ +++++

11076/9164/7316 kHz, 24-08, 1015/1025/1035 UTC

70071 31516 17225 42730 02644 27048 12844 83563 85241 55930
55361 79932 52312 48958 66598 55182 66751 26452 52332 34072
06719 26059 10053 25308 97074 53698 52439 82699 33888 99840
57504 99606 75442 88306 81332 16384 98189 49767 94350 45493
41079 37148 27076 43986 86703 25106 36269 88031 52699 60785
27442 29185 91837 58018 94643 37081 24247 52183 63473 58244
50196 57889 48251 45695 16890 96674 59285 39044 37697 86922
21183 99769 87262 40073 00000 00000 00000 00000 00000 00000

33667 51248 68726 09771 37187 79898 19881 68235 58889 14890
25176 36157 54449 16111 66654 11706 29546 61055 52261 12035
32020 74353 07274 49146 24989 62093 89648 25398 58104 36864
58986 97067 79142 44459 53797 79429 53115 28173 56748 91763
81087 91644 52599 65749 35887 46156 08491 65674 56900 53360
31286 93899 71132 99339 81652 80008 32733 60962 49568 77093
98155 50455 20945 13606 79156 49135 90042 74204 40812 66244
97382 08057 36741 83816 97832 88007 98721 73513 88552 69070
22894 96381 51495 19672 19727 21440 90139 24088 19947 24071
65159 79505 53606 41093 00000 +++++ +++++

11076/9164/7316 kHz, 25-08, 1015/1025/1035 UTC

69141 11943 95724 71940 06666 09105 93189 37371 23459 36849
28843 90420 13306 62518 06460 60296 48896 57739 00063 71581
00469 85400 57576 06253 64713 37909 60830 47459 02360 18895
02849 09708 07902 85560 68360 85178 59881 93872 28472 60826
25178 13759 85437 85979 15745 06521 28462 95113 21220 81642
86478 15485 65846 75174 88833 14318 63164 16891 69826 65228
66875 78404 78026 38576 41349 19427 76315 45426 00188 74354
43591 89814 86301 46383 14068 09001 91918 01324 15114 06396
41983 78312 89554 06855 89355 59606 13398 89018 95282 66645
44894 74394 93547 74574 65893 77863 61755 62405 01414 49300
48179 41016 28379 60993 27618 26167 09448 20556 84686 48722
12886 14005 47990 19269 04397 08716 23619 89317 21882 70918
01386 76271 69030 77433 32265 44353 88703 26336 00456 58673
02043 76232 38512 54636 24229 68834 58979 89864 92854 14528
00968 70822 69812 45612 15109 71345 02673 66905 35326 85244
56462 58395 10859 80182 51792 09638 96981 45004 70272 90575
27849 47720 13149 88465 19905 46307 24099 65618 79299 19544
12127 17615 11749 10044 35492 36706 58267 96688 32613 10073
05224 38634 10877 07636 42144 58100 29301 39110 65712 54104
35978 84972 53395 64348 46245 31058 55136 17431 72507 61442
76552 42585 41667 89325 52073 29120 61084 30583 31457 52756
19009 49680 28125 11047 30424 32644 02751 35063 64238 66765
80534 69541 12762 31732 25618 38673 89404 31876 21052 39725
65534 24213 27779 31681 82439 21982 21053 11093 99310 78354
27733 92319 63215 80003 12906 34354 11968 05232 89247 81419

45852 26332 47588 09516 29127 60871 32101 96121 07263 01602
08556 55218 50826 79650 99079 04838 61970 40718 81856 59321
04456 38944 79211 63462 43151 78130 82501 10743 03935 55027
87266 12831 89948 84349 37077 12541 15140 10220 99494 57433
41020 33728 22618 76251 27589 11288 45617 25373 34350 03482
61720 97473 32368 79087 57072 09581 13295 03960 73911 12709
06310 69468 71504 90271 38898 40172 83264 37442 02428 25420
93507 38660 08437 04563 82267 85478 46590 60470 11618 01917
80229 01031 51939 69533 40455 73332 71555 69382 04691 00204
38198 83063 70645 93806 05716 20029 61636 25965 84478 63357
24183 59925 18913 51167 03837 73223 20598 35865 10163 26355
30371 88411 06823 56937 07873 39792 87690 04041 71967 76889
24941 92388 40487 34929 00054 31106 42723 53701 53656 06707
03111 89737 15158 75004 19547 01632 98105 81641 84765 50692
72200 65913 24227 84113 47909 27586 48941 92859 34609 61384
46673 61434 58216 88850 59963 51739 49210 42243 24407 88199
37017 80186 65613 36346 11668 39736 78306 42417 00000 +++++

11076/9164/7316 kHz, 27-08, 1015/1025/1035 UTC

23938 14692 28888 12780 75615 25847 78087 73830 95899 01141
17577 54649 58145 09668 79428 23571 18944 83972 49295 98486
90872 77542 22608 71569 84870 70436 01495 37612 70681 65252
43358 80669 28799 40613 97047 98680 92359 54357 87573 70777
02405 13629 35292 96948 24970 54039 20493 64758 03417 95114
29346 22802 44466 64182 42124 65587 61355 05918 49655 59529
22561 19711 08929 64746 79527 92061 73802 32343 71838 16177
61746 43071 00000 00000 00000 00000 00000 00000 00000 00000

42562 23720 17587 44129 71982 57495 93946 33940 14136 98881
79657 84807 22109 17392 17668 63393 63864 01051 64196 06240
74330 60617 28573 12706 88847 40535 46766 06359 88041 31082
12043 82021 56016 83043 11188 80635 14981 64648 39741 59161
51936 98711 94657 47668 18680 26416 67863 10834 38864 42371
89114 56016 17124 83984 91620 55098 17050 65077 98855 72289
68940 58419 55990 15072 93290 56881 54406 50478 50926 67886
22700 53891 55742 20851 82635 82545 10978 92300 93475 90928
54964 78349 33125 30260 27273 69226 89531 99245 91230 05552
60781 44091 00000 +++++

11076/9164/7316 kHz, 27-08, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

11076/9164/7316 kHz, 30-08, 1015/1025/1035 UTC

09761 24010 61398 54359 50844 24608 39804 21027 45163 40063
31194 22663 47391 74475 84752 23627 46495 83494 07809 80953
04572 37256 24255 52183 04771 28722 60007 56451 75477 63371
35221 24266 82962 91182 67913 64418 09667 66823 18713 91454
60330 49017 31405 50154 63125 74996 48965 14452 58010 70996
90769 87234 89473 84717 53664 49456 45854 50703 92594 32006
12437 24558 25465 08772 30507 46959 01925 34325 79543 23386
64770 74681 24750 30508 25650 04556 97098 85174 53750 69563
98086 36940 82164 36804 46385 70056 61618 82254 08572 25880
16256 88419 81129 81625 81153 50672 15906 46407 26262 15728
06213 60495 96471 00677 75765 08742 22462 66030 37630 84099
82054 41195 15391 62174 16730 25842 43701 72752 33018 15587
90422 79239 43431 25386 67532 01946 26638 09233 22986 46154
11569 99335 30728 20913 15123 13472 21029 59490 88186 03804
18350 77423 49637 45642 78906 29107 13016 89588 45130 48847
35575 25492 59216 87332 44370 31664 02931 79451 19086 07782
55885 04391 36298 14922 89452 23962 04842 71158 38508 10082
46981 76165 18201 97360 05069 63265 77927 21712 78380 02349
09695 30947 19815 02117 53075 78272 47137 85072 63923 34639
48473 33709 39055 80871 86717 31323 14064 65528 32561 45893

76480 39412 80815 30466 61439 02687 29735 38485 22061 25522
28000 77489 91726 28218 19074 49640 80433 31733 37609 52494
72422 14565 37592 38467 17257 36912 56907 56436 31553 18062
48022 23894 53538 77937 29473 03120 17631 78742 37832 79785
41225 27636 84857 67439 40872 26391 49502 86313 20041 78953
59475 89873 95652 92850 40245 37571 55567 35389 48758 37221
64220 30573 83783 05442 58585 07678 90548 19602 01658 37429
76369 59712 85654 16713 79753 63691 02091 87758 10063 44447
20956 02733 12384 32218 46150 69679 50247 10599 39375 40746
71975 59702 29682 28636 55212 04880 50836 62213 19450 94450
73712 17211 25169 14875 25891 82975 51297 96797 15653 51176
82530 70416 90255 23743 56120 43597 81763 71796 83427 01190
74380 18985 44077 48964 40864 38067 26688 50613 59822 26688
29397 31269 39300 83115 96864 45945 52793 18207 45913 36377
17141 32060 31492 24657 54513 68984 17515 17144 05655 52510
95625 17048 86596 37672 90391 69154 06009 66523 80610 85111
85383 37809 91423 22718 49239 26731 36904 17657 77529 15756
17836 91107 37453 22390 04348 81670 36838 34869 58096 75052
66297 91690 73695 29937 22349 65935 44061 28349 65935 44061
23485 28666 40308 79380 64905 97673 83845 34373 50525 99658
66210 23545 58805 31582 70531 29116 08731 02797 00710 31311
30017 79835 24140 15705 45411 00000 +++++

11076/9164/7316 kHz, 31-08, 1015/1025/1035 UTC

72273 77685 81044 62575 35034 52042 89117 51855 63416 90893
03115 95844 29848 37786 22877 79267 60555 11921 59721 10253
28875 18429 06557 64641 45526 43501 32306 51871 56800 89078
74092 69637 86596 26777 25607 39503 83238 75733 45115 40663
57021 34074 31524 84027 19410 18677 41951 93836 59844 92923
49242 88977 21073 87131 62859 81194 58958 41339 61593 32382
97702 25155 11525 38152 16406 14335 67676 29848 27922 28788
82798 12217 35933 61701 71720 78898 81179 54454 04697 72947
12797 97030 28208 46083 00000 00000 00000 00000 00000 00000

16070 54586 49975 03477 91401 46215 86793 99970 31088 06818
81002 89115 74437 63173 92766 97279 62477 26062 79167 81548
07530 81882 71102 05682 51950 30072 79111 64150 51952 46014
26675 82154 47478 74127 34394 30242 04041 80809 03473 35511
37467 21939 71968 56573 57503 04611 42220 14489 91189 47796
02921 96828 71970 71626 94241 77084 05461 69961 89470 16587
47803 45962 91583 41138 57573 15324 68205 09535 07145 06888
73376 16173 64473 47073 00000 +++++ +++++ +++++

F06 – FSK 200/1000

Link 00052

16046/14354/12228 kHz, 11-08/12-08, 0800/0810/0820 UTC

11166 00052 69321 11090 01939
48462 33729 06832 19705 13367 15680 59895 82320 36120 03037
44424 19769 58368 84988 32416 97284 65674 79817 96415 58240
33713 28819 47845 59515 20795 68040 64481 52672 73078 45053
43043 90610 76619 72922 37803 64403 60294 38581 71181 99994
98036 07772 27246 69448 83835 93771 64055 96435 77917 82066
05795 60649 47563 28175 00631 30825 50986 70795 55226 81074
37719 27487 81853 70196 63936 65042 19043 88668 46165 61763
11703 03001 01799 03820 61652 52144 49877 82873 84496 75630
70553 87160 33795 78140 46687 03220 78444 60191 36006 70448
44227 69612 47274 55688 55455 53526 18897 40005 37648 15485
23408 34871 67188 07490 46271 69928 78879 11548 12440 19520
67359 90471 59098 60176 43296 12607 78046 76255 30299 80168
76135 55903 13506 15881 27220 44537 75750 87607 14046 48045
82279 75651 83513 02865 99929 12423 63767 55158 61728 49158

16530 16245 12829 29375 23130 86501 98737 73751 27663 64898
81767 06126 85717 86374 96642 75287 92096 54226 81204 52264
85993 59705 43158 07779 57038 06014 48784 99575 00662 78879
44563 24291 96216 30898 47648 13568 06287 71836 66124 79092
20624 82075 34987 36245 93157 91393 78780 61053 45503 90260
36842 90191 00000

16046/14354/12228 kHz, 25-08/26-08, 0800/0810/0820 UTC

11166 00052 17935 25091 02259
76874 14541 29783 79525 15828 60041 43260 38412 36120 28928
33438 31201 15248 32464 32582 73980 63174 35898 37028 73894
57700 16028 38744 05699 22192 12607 26130 34510 72830 34544
58741 08181 74245 06819 45629 67744 85480 69059 81978 49358
63478 61717 23739 76197 16275 60780 04925 63719 23080 46955
27282 86745 63455 20258 77008 81804 22744 95959 48206 83154
65970 42812 77765 15947 97378 49492 21361 94947 47806 30217
25242 02266 57072 05446 73521 42524 43578 18626 15635 98907
78298 74904 03662 38526 05360 12754 94199 40538 76381 44445
94477 45455 90776 26306 57392 49086 59203 44697 55160 89539
32336 28658 86269 00735 62168 25140 95418 30851 88015 97784
11136 49161 64412 35164 30755 89673 73098 79441 07447 05034
86264 11372 18987 29117 73262 52592 22951 71749 67956 71132
28021 93990 38909 01089 36094 37430 29583 12390 34878 05914
60755 91604 45663 23160 12319 19715 55961 14686 26670 57808
91686 87484 00870 76608 08586 05904 59753 90797 07584 87145
27191 84059 03750 64830 37680 35779 03562 94076 55449 85347
70157 96506 93281 94994 81264 68646 48224 97098 09492 02126
96382 36904 79671 89148 13981 46589 82940 11644 16887 11615
52245 37547 35773 15301 28965 72651 69115 72559 75330 41463
81207 88725 12331 95490 37387 04427 87802 72422 93651 12420
04374 54618 82859 57342 61965 00346 64699 54309 94527 46226
31615 87296 05702 91223 00000

Link 10053

17428/15786/12228 kHz, 01-08, 1530/1540/1550 UTC

11166 10053 14789 01021 00049 00000 00000 00000 00000

17428/15786/12228 kHz, 08-08, 1530/1540/1550 UTC

11166 10053 78946 08001 00049 00000 00000 00000 00000

17428/15786/12228 kHz, 15-08, 1530/1540/1550 UTC

11166 10053 15936 15001 00049 00000 00000 00000 00000

17418/15786/12228 kHz, 22-08, 1530/1540/1550 UTC

11166 10053 15973 22001 00049 00000 00000 00000 00000

17418/15786/12228 kHz, 29-08, 1530/1540/1550 UTC

11166 10053 14789 29070 00049 00000 00000 00000 00000

17534/15613/12215 kHz, 03-08, 1650/1700/1710 UTC

11166 10053 89632 03001 00049 00000 00000 00000 00000

17534/15613/12215 kHz, 10-08, 1650/1700/1710 UTC

11166 10053 15973 10001 00049 00000 00000 00000 00000

17534/15613/12215 kHz, 17-08, 1650/1700/1710 UTC

11166 10053 14789 17073 00049 00000 00000 00000 00000

17534/15613/12215 kHz, 24-08, 1650/1700/1710 UTC

11166 10053 78541 24001 00049 00000 00000 00000 00000

17534/15613/12215 kHz, 31-08, 1650/1700/1710 UTC

11166 10053 25814 31001 00049 00000 00000 00000 00000

16346/14847/12223 kHz, 04-08/05-08, 0600/0610/0620 UTC

11166 40122 86259 31058 04589
57865 51086 43527 93682 90607 62801 70933 18925 78061 07378
35731 79324 96404 52205 82352 09530 56251 12244 70050 03037
86289 11958 01303 48000 81074 68051 54234 83061 48928 72689
17470 65384 20863 81892 50872 68089 06488 38796 20596 49258
07820 86468 81887 59723 26943 49954 08093 81804 28455 92251
89276 16189 42631 73900 48915 59153 20257 70873 52101 37294
75053 30451 03672 91970 74631 69778 59734 30642 65933 46779
00996 87286 46071 58122 41350 59089 14521 43933 70159 11587
67594 03919 51663 69459 21145 54616 29946 35150 72419 82438
12926 02505 37020 72204 33763 57626 21894 15857 13167 84112
20300 31024 71008 14882 39679 44154 60686 97770 98382 17871
24692 67079 52176 27263 94794 38276 36468 14787 85300 68016
35204 78467 52808 46697 12355 73085 20913 15709 66935 29049
93286 26584 97503 18619 03571 84229 87068 24189 75530 41428
44338 88305 91893 36794 62263 50113 95320 93376 79798 97905
69946 20095 57819 92492 76911 83189 05148 41039 42356 39887
15602 26092 21272 51453 02026 19463 85682 17828 38226 35666
10576 01038 44756 04594 56028 29557 79486 68111 68951 00816
18898 30279 52914 24040 41033 11168 95100 81618 89830 27952
91424 04041 03303 31534 57365 47427 14909 26270 18405 08486
94703 73838 79581 32886 18571 48897 65424 74506 87035 84712
70458 21956 98089 21025 17298 82816 37177 97727 43752 12910
92275 74017 17372 82773 55012 77736 00870 98528 93756 14563
16864 19326 09613 91768 85365 38570 11278 36197 32473 21093
69663 11184 93678 13476 38260 62075 60252 69703 50145 45065
42128 59334 27602 18998 45724 50382 65264 04871 90154 84089
72736 42681 10245 83783 87629 00333 19811 65003 94934 14283
33625 39079 13688 66603 71509 27365 36858 28174 92997 28294
35395 22654 36005 04457 62369 90963 57930 81890 18155 60924
02646 78757 62580 51773 41798 05607 84991 68221 63863 04409
68161 63756 09397 18542 06985 77865 75910 10926 67895 76875
40813 72489 99944 53091 75858 88155 33478 61924 51537 52529
27344 01696 54838 52489 50579 65802 68835 58855 09500 21935
87528 94323 56143 98034 64365 69868 38997 79673 17906 06773
81944 48550 43041 86508 02376 16785 01229 95623 04393 36702
88152 57843 08055 90795 02284 70557 00589 91542 62732 87900
20515 45787 49878 17598 10624 63345 67171 23759 00728 14545
47580 52832 06143 66378 53090 24878 52832 51953 40715 57368
65141 52931 93449 13690 77071 99645 39599 93543 53025 18582
08925 07430 28964 81905 99042 02392 09912 38728 50517 31228
84741 32809 54082 82345 44188 36354 38426 12440 13021 54630
11982 49205 32312 81057 57160 56237 52740 07484 00465 77346
24870 19321 06912 02439 97334 30227 72217 22179 58878 36037
11168 63600 85168 92607 65622 23864 76342 47283 80580 44349
96211 78660 21755 92265 49057 24341 33083 41969 54972 01358
57622 73171 09665 48970 70257 28238 58456 00000

16346/14847/12223 kHz, 11-08/12-08, 0600/0610/0620 UTC

11166 40122 97641 07059 03049
23177 84166 22140 05886 62697 05533 80514 19045 52787 66819
87920 94845 95060 41701 15744 80222 49260 29256 36202 95432
87449 18681 14683 39447 39708 11522 89658 33325 29771 93620
01156 06272 24048 73951 53684 54052 42455 32537 24581 24462
04502 44637 53701 09526 09072 73399 75396 49139 71331 48138
78710 75805 65201 70468 06742 55185 44836 15439 31098 02128
43545 19883 62388 76884 73591 75162 82689 91176 75302 66490
10918 78826 88943 26030 37055 10610 47777 91939 86153 58053
15750 90573 98065 35828 18253 84010 33838 77457 39374 50096
44694 24003 84105 87204 64562 30432 28923 60881 12071 19347

09175 34580 12950 36765 16744 51656 78791 89637 06377 60834
03082 69793 34164 02302 60468 93994 76572 96646 20178 14797
03485 03812 09537 81896 03687 44255 88526 58650 86221 99506
21309 23461 06074 34301 55665 10717 87597 07493 46280 70962
44137 63911 82809 55002 17284 24375 08679 51610 84190 16031
41531 33549 06396 10215 31279 91568 18583 60016 16690 61087
80730 54744 66447 71232 42061 33466 15614 70933 90261 24825
33453 11750 84385 05307 83526 92133 94881 93157 62020 92794
99201 20131 25229 57870 06394 48249 42133 01591 09156 23784
33025 45105 86752 85616 80089 13187 07260 70196 20909 45478
02557 80251 60808 01978 14512 09472 64988 67455 35794 40328
16381 84477 93760 57224 50164 69732 50831 42171 00878 93346
19824 45163 23066 25876 17655 46457 71404 82660 05858 52926
51225 20228 91364 95683 75402 64436 85968 21170 88508 75047
47919 92875 44207 76404 54085 45903 46795 08918 76121 61546
92851 81033 59073 54074 73910 26387 25866 86911 26120 95803
56105 60404 37801 38871 12631 38347 50856 54729 14272 05477
16967 16801 78216 73102 94511 01131 80457 75071 97140 73020
07740 21257 29956 11661 99449 00749 74218 77434 02880 51939
06531 51579 90312 41691 63436 02910 11362 20778 87352 61271
78998 47781 59302 00000

11166 40122 35741 07060 02729
34781 17449 60226 81495 50656 65050 77562 55732 14211 17631
79248 81809 51491 31762 54856 16158 62493 71658 21628 00826
11638 05291 23789 53782 48023 49424 76482 82363 41410 93266
02778 62051 44862 55423 37180 47766 19978 53836 94081 09880
85672 93398 24589 12107 76417 00939 10172 73489 20899 62242
66561 81650 77019 40829 56346 49494 84190 83141 33685 32566
18841 39852 69600 49233 64088 57977 31267 70888 29512 23465
13742 74362 81952 58975 47580 73727 73291 06510 30759 73685
76139 49601 58357 11727 63368 54738 48434 81242 92433 36713
87526 52781 80418 77586 44218 35645 80730 53954 24211 46992
97409 52196 65340 80661 97958 76406 95965 92878 10654 78686
05180 47054 17265 66486 98272 84842 77117 66684 35882 15666
43445 51094 80280 41875 57967 53088 97223 61751 34619 30013
86801 17520 68384 51101 41735 80571 30163 15555 56548 91083
33611 30496 36059 94218 84889 03462 76626 40096 51262 29145
18579 39714 09478 75053 93282 94023 59874 95788 13274 38333
17149 30624 78890 69226 13714 64064 99846 46198 76601 54093
55194 85173 63830 57774 40084 86114 71188 08904 72802 61898
45361 27410 60477 60650 64346 65168 46930 98716 71087 17932
91086 46479 71275 58069 49390 34181 31238 67783 60661 69963
36870 77508 56833 87295 99540 39170 48004 63988 19899 89001
55245 79975 45535 79584 89592 06051 83430 85831 00684 40757
53119 14573 43442 37595 91518 72444 36277 89763 45357 71766
09223 64597 12130 79096 65457 04908 15536 36148 04632 39401
26321 07756 81460 69361 64466 36582 98003 23804 43670 09249
53067 00260 44041 63581 97183 33397 23960 91657 66589 58666
07037 18336 94641 63144 05102 59971 24120 40782 63170 92982
60270 00000

16346/14847/12223 kHz, 18-08, 0600/0610/0620 UTC

11166 40122 28574 18069 00049 00000 00000 00000 00000

16346/14847/12223 kHz, 25-08/26-08, 0600/0610/0620 UTC

11166 40122 21309 21061 03439
53537 16020 60644 39363 08720 48213 03682 68338 39634 18412
60073 13513 62744 25916 86154 30759 03382 02230 38734 75578
71364 32952 03312 37943 03921 16102 04420 87763 61815 86544
46541 73204 89653 61228 59020 39011 76275 84904 43422 57046
76179 81024 46766 86217 77930 37502 09085 03996 30468 82023
58720 76688 63270 26595 53833 60688 61293 86022 93520 51851

80645 99996 47012 25211 15911 13484 74369 32217 55075 95102
37121 47678 82989 98178 22280 83592 19299 94161 28182 12075
01791 33092 85566 64538 51081 10804 12362 99341 77595 47563
25586 55080 16766 07808 58830 31707 03389 15694 58730 66673
21084 46129 58887 98277 87785 95985 54669 33409 63205 65170
27322 61870 89210 02248 90842 84477 99043 94306 60035 47102
56331 05742 63202 97878 09813 95659 47902 09723 74732 68578
53204 35385 76828 38118 46894 87202 19852 08368 51050 58749
62567 02614 04442 30567 16155 94119 35180 27167 97966 18644
42057 17484 02566 73387 08017 75985 75983 32045 94194 46599
04149 30671 87954 76670 51397 04017 03373 13123 10036 77061
57601 78010 46863 41393 71540 65662 57609 71144 68274 28581
65220 58169 67692 44312 22927 71141 00741 80453 08042 68271
91739 99990 17405 18316 82206 74160 00444 09584 94621 95018
90747 51615 59565 04901 22138 99220 54680 84964 40126 53574
28883 70006 44737 20047 10270 81725 25607 27460 21146 97646
75308 38456 48629 97861 91834 05672 44250 56796 06180 53392
50999 72186 95959 89389 81245 48441 70994 76620 93984 76599
41817 19473 44825 78041 07013 44256 07178 04174 20358 78608
88068 09243 23672 59531 87020 38492 56330 24708 71436 98834
77384 66824 66926 04232 61204 55558 86009 12966 52601 56931
43642 98998 92356 04718 32983 24600 49106 03587 59869 06421
18497 68668 59406 92231 75579 31240 43131 90473 91349 65208
50178 19843 49397 14079 00887 71073 23582 23107 76286 98118
02688 06302 71900 80912 72984 02998 99301 26904 94637 03642
33860 03542 32902 49530 32120 18915 30043 36138 67241 92709
28911 74767 55951 84701 84118 92164 75427 72945 21750 72833
93567 98860 33547 73695 61074 21400 16500 65812 38789 47490
93789 61341 00000

Link 60070

10736 kHz, 10-08, 0030 UTC

Link 60070. Null message

10736/9419/8121 kHz, 17-08, 0030/0040/0050 UTC

11166 60070 15973 17001 00049 00000 00000 00000 00000

10736/9419/8121 kHz, 24-08, 0030/0040/0050 UTC

11166 60070 85214 24001 00049 00000 00000 00000 00000

10736/9419/8121 kHz, 31-08, 0030/0040/0050 UTC

11166 60070 15973 31001 00049 00000 00000 00000 00000

Link 70059

10263/8126/6888 kHz, 02-08, 0400/0410/0420 UTC

11166 70059 17935 02001 00049 00000 00000 00000 00000

10263/8126/6888 kHz, 16-08, 0400/0410/0420 UTC

11166 70059 75321 16001 00049 00000 00000 00000 00000

Link 70202

13509/11076/9053 kHz, 02-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 02-08, 1200/1210/1220 UTC

11166 70202 46978 30050 02559
16820 55865 84495 69104 96608 67424 67759 24766 31697 27049
88265 46548 73492 83553 23957 68478 88690 28204 95098 86584
05947 21832 68619 24347 61868 18536 45356 12690 19753 53150
66157 64227 59531 84672 97761 46418 62325 12834 84404 83346
38084 10001 76085 40797 69711 35601 69425 74323 72149 25251
22072 44982 89827 71780 26565 32446 80936 40337 54621 00150

61953 84766 07759 92191 10858 57439 35216 66646 52476 29732
05084 95001 74396 65338 39604 82389 46880 13591 50564 88306
45223 15006 35727 52514 97989 36206 22229 55796 09564 76437
67898 70272 30460 12851 56411 78946 73816 76739 47236 69180
01523 77923 66306 29788 28417 19465 48340 06419 17976 69904
66776 94937 67960 85199 12224 77478 09426 97566 05404 30861
67562 13396 55489 62060 57779 87440 99797 50408 15483 65463
85764 01227 82987 12522 81146 40575 01988 69098 23377 05794
85036 02233 44024 11537 64467 43877 29284 95984 42190 33634
02445 76915 88806 08086 39257 72327 65481 03886 52164 65304
66999 66809 04305 17800 09456 83955 39241 63042 11015 81266
37357 31234 39163 53583 34836 88239 22917 19396 66194 91957
53399 17493 16268 96045 21233 87692 92625 55699 64198 02846
54319 15175 23566 44292 57921 81731 32575 37962 06789 15685
85465 93310 14487 91272 60519 12273 18301 07993 95543 60425
03800 57133 39232 17537 26355 73151 26842 49713 40584 24616
53625 70297 73632 24375 44450 81737 03243 63662 43057 15596
26551 99808 69372 12885 30536 52254 18331 11933 00071 86555
98641 35946 24511 91058 34931 97475 88747 75946 81694 61957
59682 49328 22519 50253 00000

13509/11076/9053 kHz, 03-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 03-08, 1200/1210/1220 UTC

11166 70202 94613 02051 01579
37442 70014 22898 36767 75079 45005 79039 59268 75746 85124
43557 01352 83160 04746 42192 36141 59990 77430 18901 39147
37476 02817 64041 97978 07738 86889 09462 56525 88439 84060
32672 04550 14510 74510 37277 48633 36593 75213 01877 25395
30937 08097 14601 42948 50381 73767 35485 61504 71158 04236
53861 49084 15173 93089 32955 73252 52465 26542 58879 14843
13535 63792 36207 14572 66207 40151 97319 88521 36756 91344
17708 73387 79933 22460 54412 87466 27623 69943 49808 18292
70793 30119 67902 72876 54437 52630 55331 51481 90187 22276
44270 30861 16296 77656 39404 67926 59663 40068 56187 59741
79609 51102 02546 20813 98064 42360 21231 63605 45879 85743
35004 93210 79929 97743 61840 52116 50717 96170 92338 76010
25139 32771 46530 46561 94122 50150 52261 52101 19816 36456
12354 92162 02006 76250 52718 86798 68473 21010 68610 76626
18956 27699 11226 24528 77411 38835 81806 54952 32271 02508
25460 91750 69368 55768 41869 51155 00000

11166 70202 58246 02052 01779
41173 82759 34520 21572 68601 40273 94556 37113 88253 73954
68473 76353 43178 94424 61314 99149 80871 55268 96437 74513
82503 17865 33455 39054 98866 49921 54626 97701 97757 81128
36902 52661 52478 64389 51792 71518 26124 16040 60258 30446
31373 33526 94813 93447 70442 13947 46014 13569 84914 21925
95533 67029 70107 80219 63009 56187 33690 81541 58841 42299
03216 44989 60141 94004 12280 65557 52008 62460 19966 30142
01330 19082 43286 98496 55281 16816 07302 72558 81727 60885
42600 02596 93706 99947 84820 03610 25177 73596 55930 80420
50227 77149 31911 84896 62926 29664 26574 53731 60011 56102
46159 00243 93587 19608 94440 58600 86042 64805 32993 03938
24349 58078 26328 96780 75953 35756 26582 25228 93432 96152
77439 43324 00111 96381 41985 29059 73811 39900 84164 10443
70954 65714 58550 33069 58163 75177 88096 67634 43582 57326
34563 80827 25088 98689 91310 18042 97583 88505 53142 71333
86563 55289 42884 31078 00130 95685 99391 44752 16660 81537
56670 31285 50304 56128 68796 24409 61499 55505 60324 43456
04694 15851 06874 15032 30465 52175 00000

13509/11076/9053 kHz, 04-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 04-08, 1200/1210/1220 UTC

11166 70202 46798 03053 02559
01462 62853 22514 95483 14448 08786 47704 51700 10041 75207
01701 29073 23602 25239 06625 45800 59090 18489 34621 08096
49991 09464 68647 57861 16436 26931 68037 44290 41959 51425
24801 49077 18313 33091 21569 19935 31792 17044 27153 92095
89492 68433 90623 02493 08960 14411 19870 26297 19643 45166
55573 90514 49608 41247 76516 44313 95946 19326 97189 90782
02301 13615 43613 09803 91970 35114 18321 26713 30013 75877
90441 06474 12784 50485 71818 78000 08370 91912 65096 18360
96320 43979 94722 51520 80145 17571 56793 41339 70999 02811
48687 83474 65996 54387 64420 25911 69591 92201 66662 72789
31462 84543 71346 51219 99336 05970 05822 45770 10200 87077
26472 30325 68312 98363 06745 51988 83484 35346 31536 46728
68046 97148 58845 91442 15943 75731 34671 22145 12392 97944
72050 72947 47552 87609 30207 15529 32634 39806 54730 03786
41878 24552 64725 53342 28866 62066 97878 10609 90570 36797
49365 91084 77604 42416 65543 91580 74101 74950 78375 06062
95652 16246 91503 99780 78760 74954 53925 21411 60221 77226
82202 57847 69897 24295 17150 61374 85295 59146 25923 03882
21411 09461 85463 37823 54250 99000 08222 68593 01494 44659
96108 68028 08719 81323 33605 83697 14625 81773 55965 23688
93709 63775 53462 21565 99810 01576 97599 11197 58974 83977
00242 66122 85074 86185 41576 83171 16623 47603 27883 14997
98206 72783 65006 81227 54994 97705 58497 12918 33747 88570
76353 09994 08769 65309 35292 16363 76234 66979 96493 42395
85339 01246 81758 89456 79695 45134 46013 56172 47427 89236
67094 31122 03388 53253 00000

13509/11076/9053 kHz, 05-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 05-08, 1200/1210/1220 UTC

11166 70202 96274 04054 01739
00310 69461 71371 63749 75156 81648 95806 72066 90710 45576
27756 01107 20942 14752 28105 96966 79705 50332 36978 07025
12661 99431 59062 75297 17794 16503 64259 14453 49242 01225
70859 90425 84117 51326 03419 80565 56988 53791 42534 91254
91738 62880 08703 45942 85472 38404 47443 79521 24158 42693
07879 99995 34692 19691 31969 03360 03090 04616 96564 52653
13462 37628 75487 57099 87488 79935 13817 12286 29067 55782
31571 87320 03819 68746 98967 69887 08155 65802 50456 05163
07576 47563 29709 89505 48893 48161 82750 04878 76068 33189
41429 04920 04358 89148 64395 88629 32434 02837 27800 22571
97190 54113 82876 97557 00913 70488 22611 30745 65491 16955
24683 49074 93377 19521 62856 14996 39968 45866 04022 80422
27098 91567 33069 79832 52337 45326 72776 98481 73773 31637
90911 76642 74970 54339 11720 35820 39797 89479 74004 37876
91793 00932 02971 13000 77788 77206 88020 17471 00435 12892
83708 07133 29360 83155 76013 37537 45620 84760 81136 26683
99141 42008 69008 41286 83830 01076 28685 92526 60059 61157
17835 54171 00000

11166 70202 38241 04055 01879
49163 09772 62155 58998 83891 66932 76017 20841 16990 58006
90059 38232 08877 87307 11965 55121 82006 55653 63568 44440
94762 98591 15747 01261 01000 52847 64405 41520 37412 61933
02282 79751 05929 56857 66221 84248 43312 72861 64645 33116
95145 88140 14865 19640 36414 95465 44965 80396 05847 42652
39906 44571 46217 02826 36572 27894 67791 60393 97411 19646
77104 23693 17399 36168 38258 00221 43966 39311 58928 95416
14626 43270 18259 20899 41946 58225 78847 23127 00582 44244
49995 68404 96043 73874 94413 45163 19892 26863 95575 69482
21042 65442 27904 04754 47875 63621 96970 31453 40835 88921

41910 27944 80195 59981 17227 48259 18702 28489 96175 07781
53755 58861 62927 12779 18834 04116 85677 94734 98848 01378
87903 35376 99102 35439 59963 93386 22558 43840 78194 68704
35087 61876 23740 65355 23402 30992 18257 38765 75346 18993
18709 38476 37235 25503 38430 82210 27941 71123 86646 22229
14396 93710 43642 89896 78211 00231 13750 29423 28103 47611
23374 56690 37795 51033 56212 04122 14107 43106 42871 37522
24903 32362 47068 55825 41587 34491 15601 09694 75845 74785
84272 99899 15301 85197 56965 55185 00000

13509/11076/9053 kHz, 06-08, 0700/0710/0720 UTC

11166 70202 97524 06041 00049 00000 00000 00000 00000

13509/11076/9053 kHz, 09-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 09-08, 1200/1210/1220 UTC

11166 70202 35147 06056 02579
31025 28801 23488 84488 44919 37229 39628 31174 88264 03437
17565 52920 45082 66929 26876 32833 82055 91864 17038 36739
95476 70516 78486 37199 25079 61200 76030 99342 76960 71625
09319 01960 22769 23582 80047 92271 67348 59916 70589 97846
02029 79730 63743 44072 85746 12745 58272 50629 21187 68750
59946 05418 18134 23103 52746 39351 61210 24186 79936 50473
24205 33790 89693 50826 98164 36328 24964 34513 25449 77848
62252 90382 56924 20763 29024 07790 74492 25238 54406 48850
46137 93183 32880 85647 05680 35772 05644 25807 74429 50440
89340 74894 66912 18290 06846 09068 47873 57845 99777 56415
32732 96091 27444 10429 48691 42732 81901 24041 98660 78616
73811 57660 95222 94253 68786 79663 56782 39372 78914 42746
83131 69441 39143 84607 52580 00114 23214 26378 07869 05507
78840 67243 23025 21275 86807 98696 68380 38401 73681 86856
15907 98647 32831 96285 52074 27614 33424 53761 90424 66311
22109 75411 01026 87232 47056 05675 99019 05811 59050 41515
59438 23244 69319 40326 50465 61589 68796 34959 02359 77091
38483 04330 54195 62664 05624 73014 45636 75476 25364 38300
45900 50563 92585 48105 37132 86418 13604 78218 94352 13495
92417 82298 29180 81552 11193 13052 89502 26787 09680 38051
32302 04690 93237 98616 11806 99560 24160 85198 50162 46620
75991 27701 82815 27662 55519 24195 95783 26167 22125 56428
97013 52842 59192 65610 89006 77491 77249 86874 34901 28186
53535 65871 35200 43646 37688 05936 57330 89792 78221 19250
85220 76384 49503 80448 81091 34704 83895 06110 76628 42208
38769 08552 35751 05088 53065 56255 00000

13509/11076/9053 kHz, 10-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 10-08, 1200/1210/1220 UTC

11166 70202 12549 09057 01799
15695 14907 75838 20499 47054 37349 07578 33379 65096 09344
44336 40461 13739 02602 80294 65750 53513 97298 78894 14320
24109 38531 73905 71396 08573 01089 11996 08974 35115 42200
35249 92131 77439 46967 27054 02241 39555 96152 69814 19265
35994 11023 87911 30317 03378 54933 74356 56684 04267 96328
24577 16492 09237 62866 25762 65195 68112 41337 75219 81105
06296 03073 26168 88102 07140 59533 84412 32761 66282 77751
04331 58047 28898 10332 57622 40787 45795 19693 73238 85095
09299 01224 71952 88944 54856 35063 43983 26071 39299 21176
43136 10393 31714 77418 95875 35143 77832 05279 48779 03895
23905 52983 02812 95662 10984 30647 07849 31284 75549 57172
15893 33246 17426 43565 16419 96169 20914 42367 02288 10114
40092 17889 39660 03904 84209 16933 40355 00673 64113 44689
60085 02787 85651 75497 71008 48358 00989 53156 82037 06530
53761 60474 05334 03713 79025 62744 92436 97968 43922 54833
88454 43727 40009 66570 77766 14020 63183 06126 19653 72423
42142 46063 97320 11896 01316 81757 28733 02694 69213 16862
12696 16563 68113 55514 08640 19383 46039 57177 00000

11166 70202 54839 09058 01639
88423 34719 68881 71303 57404 62572 10301 26167 55612 98367
39517 55784 82997 39876 10506 30592 69541 01051 88215 26288
23498 46951 91972 84593 53938 00263 96791 63565 41064 86572
28535 57145 52700 10612 13861 88632 30425 80637 70888 07780
93762 23149 51525 46171 35880 55125 71395 10612 09222 05961
88296 19172 24534 06311 15138 09609 11693 86000 78278 74835
15795 48223 57224 05120 26935 12177 66598 41723 67114 41359
66344 71642 82714 99686 11083 18154 15977 02640 74571 06850
53922 55605 10192 11848 78147 96626 33418 11864 63943 85720
37193 10835 02159 07978 76143 02780 42269 82614 80597 85592
80057 95164 86304 53436 38372 95008 90834 22451 14391 25425
72560 69441 91815 78341 33185 88241 41456 90982 49732 93445
58625 26606 46958 26189 10788 06500 26101 41665 93904 85439
10923 83068 20901 87794 96967 71654 90704 46457 14986 67597
11284 11801 44453 81332 75135 22837 38124 40086 10639 57774
43559 39253 57739 06156 32563 33338 41377 29761 74467 46128
41107 58161 00000

13509/11076/9053 kHz, 11-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 11-08, 1200/1210/1220 UTC

11166 70202 15648 10059 02899
71572 70053 55684 91886 47727 99050 31138 68275 59161 73101
32973 71194 21679 21308 32068 56872 00584 65954 93718 96187
47309 24448 81116 60843 74055 01215 08546 58075 71085 92959
61470 99839 96396 55756 25698 17406 92436 07383 92822 57293
09557 63346 34121 19501 40899 30050 60085 23960 98385 03509
07803 16135 84517 47082 23343 47735 39657 46642 31357 93459
69491 66624 09071 89703 82346 55389 06860 06191 91073 73343
82592 86442 59149 42250 41935 18034 95720 39167 01792 18579
29255 83453 19090 48364 14490 90277 52071 85594 52375 89071
46302 25158 27687 30355 62568 86877 94010 29387 88856 44167
60765 20065 03610 09033 61978 17513 82428 34359 11475 12806
65427 19428 74186 48255 27420 29585 08261 46699 18120 66008
57654 93234 64550 46516 99909 92830 52856 83342 78786 52251
31685 68823 76450 59742 04347 04933 04898 60901 01927 37604
21303 54178 54546 81768 96985 54446 02950 48064 94673 98072
17618 07129 33755 87929 17584 52445 48206 01793 06145 47640
66888 12543 65655 69208 70881 93633 78591 80578 07573 08243
67068 98460 66159 05557 68010 37425 44271 72619 86142 43633
60387 15186 92008 53672 91747 66015 57197 39417 42439 44046
43955 24876 71339 12887 91390 85936 34620 12057 65442 68962
22480 59427 64804 89181 94811 48277 99998 94782 45474 87430
87778 07688 49871 57891 28048 76912 75518 84411 55497 05466
60281 45457 83119 36717 87979 69969 79825 11181 16045 94396
49312 29645 34912 78406 02398 83582 63839 02736 40001 38790
12838 97597 88948 83182 65408 75100 57803 74691 61762 64103
04903 50189 87217 70954 35785 81393 95456 14541 72207 88681
21344 09096 59924 48746 62971 93197 07424 57042 37634 28395
72819 30959 41419 15902 41057 64638 67094 04792 58655 71410
59990 90137 18146 74746 16547 24531 09410 59287 00000

13509/11076/9053 kHz, 12-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 12-08, 1200/1210/1220 UTC

11166 70202 25869 11060 01999
34438 27341 10519 76117 59505 12719 81670 73393 54559 36735
72345 14013 65259 85181 73979 42526 26244 65698 72011 97335
60562 23684 19195 45998 99908 62213 28929 20613 05344 64395
80788 14253 93190 41606 55462 24369 95795 56043 41256 54102
11840 91032 79384 07441 25891 67524 40204 39166 01874 30223
47595 45521 80163 51776 93683 06542 32972 28475 11072 15975
57726 65892 94781 59743 13125 77896 91090 28882 27550 47489
95451 77875 34536 22893 26680 64352 14980 47326 69600 31063

50765 45916 03336 16075 19515 18169 57428 02135 85129 09452
62981 41123 63828 59909 91008 14549 70352 54264 95175 16011
74043 20931 01128 66574 19461 53885 09580 98994 91252 55727
05371 71721 27935 25363 89661 98632 14297 38768 77457 05421
07103 96244 27662 48585 73783 34619 97825 57952 48796 27826
40801 88671 37362 24305 85470 93624 21242 94643 68745 52174
46251 87928 11028 16208 96211 20211 52311 59393 83003 43542
91112 40608 07425 69016 93431 17451 70538 42255 63903 70802
40192 94762 96363 26347 02409 19610 45977 84014 52316 44861
90151 91263 04328 03198 70397 21149 26238 21171 32337 41118
26941 76520 06049 83463 52440 96993 93920 53371 69852 99113
58223 35507 44088 90315 25570 85077 36893 60197 00000

11166 70202 15984 11061 02159
99001 41587 57044 50911 47799 18284 67244 51404 77330 99209
27967 84217 31030 34131 26010 48145 01966 58876 67926 88049
49877 24258 43405 05476 22990 48926 08272 67409 70562 25832
35553 55367 57091 36989 08050 22008 14102 56229 50853 47448
90497 44631 27236 12475 87355 68306 46358 30839 88153 93252
56234 07819 20332 36922 20384 17241 09150 81238 01617 14143
09750 76710 01381 25272 28404 92355 28116 84599 68834 91107
93048 06048 64589 35401 56865 10604 83375 52621 75704 50023
14315 15102 19896 94296 74035 14359 63900 75077 92556 34260
70873 02252 64896 52795 20292 95845 79333 27157 52093 00441
58272 41801 25750 74310 72640 24195 17723 70439 15760 57913
05735 51634 47627 47800 13293 06894 45544 16859 12909 61246
22027 39571 11440 96225 95950 41331 66004 23180 27838 18675
03897 76599 55256 60008 44942 19656 89249 71496 49738 79127
57737 37831 42199 51918 06828 72537 79870 50334 95978 37525
70422 78325 47939 36564 57776 55867 39424 12373 26299 33679
43435 02007 96500 65456 59187 30237 10672 29815 90575 45606
31902 19127 59100 28839 04910 37437 62217 28315 52136 74656
13022 02273 03520 49202 22235 72442 83405 36291 08391 18789
03019 24060 47206 70058 31945 64704 96030 69810 47048 12834
54340 22633 82268 68207 46205 50210 27741 65061 35657 11946
51659 75207 10921 61213 00000

13509/11076/9053 kHz, 13-08, 0700/0710/0720 UTC

11166 70202 37651 13035 00049 00000 00000 00000 00000

13509/11076/9053 kHz, 16-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 16-08, 1200/1210/1220 UTC

11166 70202 97524 13062 02599
68714 92533 13163 10819 30845 10745 39170 01447 16137 43960
69017 19446 99471 74873 32561 71011 71362 28768 94861 49682
15697 81027 87500 61683 80174 28028 56793 35730 69094 69850
71079 28250 13195 78238 54291 59945 96241 48255 37969 44646
43026 57064 48926 96386 98492 78283 74752 25634 52653 25332
74319 60624 91001 22230 25516 54729 75092 25270 27356 65793
82995 44006 98684 18386 64289 35000 40644 84897 89300 66756
55103 46422 97265 79284 36227 19365 73109 86730 77378 58702
07520 96511 60543 73851 20013 43393 20460 18064 49674 61942
00641 37298 43265 45798 43480 89500 95373 67200 81631 70233
20313 55202 22837 05590 60435 56017 45408 98328 60567 23931
46531 38172 63244 16219 10601 12202 04428 90500 89752 76283
14405 27975 13794 73474 53551 30978 71716 10332 37637 68284
31979 27074 32382 66607 93745 22527 21927 71723 86271 19790
80922 27668 58614 83563 04922 47431 26872 25078 78755 73597
71125 55548 87583 52360 99272 74114 00317 69357 19951 01179
80081 20760 91721 93101 01424 18049 40718 99174 78944 49925
63933 46822 37043 49782 60344 65957 75460 42186 57049 88443
10318 66793 22622 83580 95320 03151 84849 15573 52837 44809
95057 33905 69519 96195 06210 32562 36166 90667 56954 39037

36507 53209 78820 19062 14611 56182 68749 07999 75580 41586
94139 04826 99248 08261 22601 89663 71539 87464 93606 50768
63199 55272 74221 31937 10579 55224 66105 36264 78148 29666
55967 47179 07442 83222 26672 52707 82118 26834 71171 83892
63814 75792 76458 03315 78495 00232 69730 04647 57976 51480
43941 09180 66304 12746 04940 70260 65698 62257 00000

13509/11076/9053 kHz, 17-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 17-08, 1200/1210/1220 UTC

11166 70202 21548 16063 01979
10218 91271 50921 34780 75609 79814 88191 27009 31666 62311
49924 72837 01229 85168 04167 67559 11028 08377 57581 53053
88304 32380 08564 77129 26288 69194 21552 58832 79448 62437
45967 76883 74480 85986 28220 23463 47942 75928 90215 90505
46493 75495 72812 80705 50666 97688 67644 60415 08120 35253
85770 96625 87283 72705 36575 45219 87369 80107 15361 82677
65662 93258 23064 98432 68021 09999 66547 90048 73562 57323
12888 28432 89421 08976 96107 85236 56562 58220 99787 39671
52548 75476 63996 06889 02238 05508 89964 55139 32310 83845
40966 03889 30592 77137 62816 20073 96099 77112 72436 54692
90738 02846 87933 86917 28605 91011 98605 67911 63824 78810
98340 81537 62857 09260 30821 64153 72218 13540 19989 50676
17540 50073 84197 39102 94930 05029 57496 90669 40540 83946
66479 07859 89301 49153 36141 57405 58756 82675 23166 30526
18927 79320 00107 57534 34152 99627 38871 19042 87837 37365
66968 20929 26057 81268 94942 25269 80930 75700 38439 54400
59729 09933 83332 10328 10647 90715 67362 76651 01154 77850
76709 95185 69903 87423 80951 34495 38098 92417 54831 92489
91271 75360 60284 00310 67418 12722 87155 19652 12408 95731
76043 50753 88615 17314 71713 63195 00000

11166 70202 35914 16064 02179
48943 98334 77676 71949 34498 44866 18462 88304 37290 58348
55663 84095 69370 05367 28818 65095 75001 59259 39750 91077
81357 72376 07615 19812 62216 13286 48656 74582 19323 92347
97855 21182 11118 24112 14659 65324 83522 99970 39984 06393
82452 69496 96674 08480 52762 53917 50602 74650 53306 40146
74600 35362 42791 28831 82420 86983 16128 34829 24894 41353
95950 63571 65480 72299 09004 11743 77414 70084 02076 65706
29607 39686 77177 96133 53508 03866 50639 72250 08121 96966
65826 44161 85339 60361 14152 66662 22806 75507 44083 63016
16482 95526 62814 52083 50110 61270 60312 87289 83754 12782
10409 80831 68615 32118 28630 11586 80300 78444 91454 40141
87741 01367 46680 79395 99933 43409 69598 94160 57712 67596
44654 28207 62717 71075 77273 82187 60765 70698 65569 90876
21799 71528 86586 73164 83608 54183 76789 53245 51504 41970
11475 76424 71139 33739 12799 68006 16664 13398 41101 08676
61396 72028 49224 24822 23205 03533 04502 17249 01778 59751
08112 76690 49985 75999 66484 59589 46499 02942 94445 22563
61881 05759 54781 38998 35304 16531 63926 46212 04119 50785
18442 96620 53425 24144 21991 11347 77864 29996 17484 59698
72796 64159 54088 12982 97060 07433 43792 46050 74511 02014
87200 85055 26507 82688 73265 24822 52539 48753 82618 64292
01203 87589 49217 33474 98679 64215 00000

13509/11076/9053 kHz, 18-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 18-08, 1200/1210/1220 UTC

11166 70202 14758 17065 02239
54089 86151 61026 29227 69470 42398 68162 40414 32929 47208
79298 79085 79010 30213 02135 56460 02462 33389 62747 58859
89553 36400 76023 18599 66286 66398 38447 96694 05689 03248
97947 50828 61379 16089 80474 87000 19587 92190 78010 18314
86812 44022 27684 79321 55332 05490 36697 69381 13708 53267

32730 23451 94511 14163 44525 33760 76448 44459 42339 70800
83048 92162 92938 77072 45144 78101 08837 32016 19290 56808
96458 11579 79337 43123 32917 90844 23340 15462 26086 63168
62968 31679 37669 74253 87649 18464 73940 94602 20583 20212
73848 78794 08851 18307 49169 85004 14794 56748 56402 53225
00842 35067 05088 65606 24993 54460 32240 37372 89123 28087
97581 11734 07313 91465 79261 57248 86385 73900 74755 91055
35835 16886 36625 76425 49342 50416 97828 68071 25053 63149
66274 03644 16819 27346 93287 64857 33582 64544 45710 56684
29087 62882 36281 78053 49121 82026 92016 82484 28451 06632
65267 52110 54664 34274 17131 33505 41083 08793 27919 08779
75958 34987 14368 00349 40110 35586 58265 32854 10219 36449
76196 00626 89948 90930 85090 14166 36086 79328 43257 24069
71891 44381 71588 45821 04840 48731 84641 33909 90945 65299
86254 78696 12859 36508 09413 24481 63914 63289 05036 32183
55330 09812 09379 35101 88734 34876 44732 61172 61212 85896
33116 20175 95063 16432 27642 79304 09447 13174 91244 75573
76115 65221 00000

13509/11076/9053 kHz, 19-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 19-08, 1200/1210/1220 UTC

11166 70202 12548 18066 01859
91623 98863 29499 19723 05402 78301 48845 74402 04381 80299
90349 19474 17396 83195 91478 46157 94965 86618 60609 22481
82960 23618 56413 83968 44819 15462 80627 91229 18231 98810
32635 96625 17226 79929 99304 87210 15621 95645 78518 96123
72742 85729 59832 99630 87375 06393 10697 41996 90874 39579
41689 55373 15371 77750 49179 66903 98011 88847 58881 10210
07177 91113 18716 83469 01603 92462 14434 21260 58356 74099
06419 72362 30588 23052 11135 00705 21019 43322 75624 51640
82075 00343 18526 50745 78631 78411 36015 27325 74276 55813
96144 79812 27067 27293 69983 25248 05680 28590 73019 00033
61913 42705 15250 04133 20483 92594 83405 05935 72025 49977
03732 49929 80274 14943 58783 34412 39329 46049 56657 51400
41959 45594 76099 05933 44880 29750 35937 56961 41942 38250
62255 47003 81164 63314 51776 12760 86555 02500 54854 93873
70655 65163 26547 82017 48739 87224 19188 77506 90617 33922
14901 45613 70970 95238 21486 89780 04160 03696 80137 83917
74442 29193 58401 30957 97542 30593 26826 39881 74498 68723
42754 38385 23735 10500 89664 63372 02303 78845 45529 96469
52209 28101 78604 66183 00000

11166 70202 58674 18067 01959
09254 00523 82531 44550 57795 81214 16427 68851 66611 27766
91140 00152 51520 93079 15207 76218 51820 00965 19258 83183
38093 78910 88675 62596 66202 21835 51047 92397 00918 03963
04325 71504 57614 81040 96656 62706 35463 50074 93812 73539
40573 58773 95144 79837 22507 81881 84018 21655 72616 06599
23662 26227 57629 94270 34350 37682 86926 10533 12884 58169
36952 41098 80290 30104 81189 35384 68682 14216 99134 45146
83211 43079 62719 50335 00064 54825 23611 89333 86422 36713
49822 35784 53345 33257 85086 89180 77480 98585 29413 71423
52582 97727 64279 46514 56737 86518 70884 05583 46253 24799
14911 84434 12150 02606 96222 05809 60183 84036 86948 63522
00337 98480 06375 90706 56730 33901 06098 79301 33875 11846
63866 43021 00210 48901 09548 40949 74862 34240 31669 03978
28575 77987 37956 31257 34719 10065 68316 48862 31351 34207
83698 47843 80240 66858 79272 43863 33807 15597 95358 25609
45905 76818 24550 84151 87393 57331 38466 40456 52429 49575
82571 13223 66418 15128 12496 94245 31569 56215 70296 23479
70975 79886 24104 81002 57176 84556 19579 38064 36125 23596
16625 34388 82503 25667 09792 73952 47326 76474 55809 56400
83760 91642 56687 67193 00000 00000

13509/11076/9053 kHz, 20-08, 0700/0710/0720 UTC
11166 70202 25874 20059 00049 00000 00000 00000 00000

13509/11076/9053 kHz, 23-08, 0700/0710/0720 UTC
12138/10394/8076 kHz, 23-08, 1200/1210/1220 UTC
11166 70202 47259 20068 02299

33832 58376 61562 88348 44164 95675 55459 90812 01359 05932
27660 53995 15949 11217 10584 25215 25664 80915 29830 00911
29871 72678 52740 88165 90912 07863 09307 28039 44524 92368
40146 54151 86524 18836 51201 84966 27958 11117 79876 73199
35886 96976 02279 60789 02010 19952 36266 12876 06310 26311
19979 29225 67896 88038 70552 56521 00249 47806 52688 49986
13044 96846 11779 57747 27751 21674 51267 26395 99178 80591
58939 51177 60176 95923 11821 19250 31660 72904 14381 19439
65157 81168 49723 16943 10067 59770 48448 16407 22804 31682
04889 61827 60034 38700 95384 46693 23173 32698 78301 32836
46341 84166 80477 01392 44971 93971 99779 84345 67240 19281
78461 50068 15523 49577 27009 41297 30052 93720 03164 89003
51976 63968 75808 50561 07994 67916 28401 45686 83765 44280
81655 88553 78270 03471 40132 39554 56322 58883 92462 25108
41406 59849 19853 98988 16038 62190 92597 43586 21835 97300
59246 34551 76472 25710 58157 17250 49732 86044 06082 68481
65814 75351 43495 41877 24105 21695 41359 20438 55594 34980
98985 24630 57122 46941 87712 49489 70645 76219 20058 29167
99708 79482 49058 52354 80313 74510 27463 77018 48372 46199
81488 17900 70918 71409 78798 05197 33295 23592 95423 37878
99463 43150 11283 80066 87668 84452 89010 73920 28600 75444
15777 67462 98280 50799 12772 80780 42834 44537 42062 59053
37347 53055 65498 85823 45990 04511 35357 68227 00000

13509/11076/9053 kHz, 24-08, 0700/0710/0720 UTC
12138/10394/8076 kHz, 24-08, 1200/1210/1220 UTC
11166 70202 14983 23069 01939

72552 70994 71029 49024 46589 89775 94545 47775 11726 99996
06521 02925 18416 61126 15311 86301 51080 96607 19839 76088
93478 64478 81462 09917 62935 72235 17039 43914 74347 40623
36608 34904 19912 46032 74154 87931 75516 96203 84859 36315
69731 18917 07311 46393 76328 68360 14075 64183 16277 78854
99097 46106 80154 20635 75351 40988 06893 37372 81180 15519
79825 70112 18767 40357 25942 97337 73171 79059 29313 45823
85372 47037 94608 51982 77745 32717 21655 78390 55432 98096
76956 15171 32007 00882 73137 20930 52919 05394 92227 82930
15108 74430 13728 01195 06257 59281 33405 26218 12114 30060
83746 04980 65309 13572 92009 14950 34122 30876 36805 90764
74622 51747 89159 73270 94629 08225 48980 35614 02923 34419
12873 66075 42148 24786 34245 12326 28851 28040 61625 16792
49073 18902 66150 97831 82958 14864 94148 56393 56799 30165
05753 12844 45952 84158 85492 03676 77089 06259 35793 92751
03182 04666 89324 76786 49691 91036 01131 89771 55383 78310
06488 35990 56205 93861 55417 06350 85672 75166 59802 57695
90197 40192 14031 59801 82787 49662 75122 39727 83573 03418
13254 78218 20579 38043 68640 37854 89190 17945 75701 27613
93752 69191 00000

11166 70202 75249 23070 02139
28867 89514 75467 15914 82028 09372 41795 66641 50547 23537
56318 86935 36414 04831 72469 65621 67027 81620 63997 05977
06513 88180 45511 72240 06986 14761 91569 28783 23198 74544
40240 01657 38995 29696 92064 17184 79023 43673 40378 97286
04145 51994 93908 16245 13960 68659 77601 48567 04910 70390
22605 62661 57385 25900 81348 39990 50263 62367 28664 24411
26335 86302 34871 31369 57045 00998 21781 71649 79986 87748

37540 69363 07583 43026 11266 78860 30404 88804 73399 30255
63551 98207 52724 58252 09533 03685 85974 93967 36098 79890
00989 24410 92437 18458 59323 49343 12207 36854 69292 90187
76797 88509 05340 30664 37311 66396 94705 93863 18648 17257
57313 85427 54169 08666 09813 57534 24369 16104 69728 73367
97974 22251 20639 76764 98936 45657 24325 96728 47727 41014
90836 41486 50403 38182 42398 61791 33847 12180 32107 88145
50649 01318 03353 71641 02046 15667 00888 83100 52370 03038
69511 50200 33440 64678 01277 37275 62321 37858 17170 97488
20920 87535 94213 52048 70809 74300 73897 76159 01768 90763
12911 96410 37432 83602 62091 29266 46523 03428 84532 15361
33074 49679 48789 29286 04101 02720 58122 69550 38148 60332
01713 58397 03159 20794 38786 06186 97086 79715 51583 19998
09713 32851 28120 61177 29082 02038 60667 81481 41007 26478
70889 70211 00000

13509/11076/9053 kHz, 25-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 25-08, 1200/1210/1220 UTC

11166 70202 31597 24071 02179
03307 77057 84304 62758 39764 41762 28038 22996 51440 65773
42169 93616 52314 48749 48791 79102 09891 28668 15119 77124
95506 52136 98770 73703 03884 90887 24009 93150 46605 27905
06122 88743 49202 61619 66142 85045 06543 01603 03077 07836
76210 54208 15855 62569 14559 21587 92159 47311 85126 62520
06350 11078 94105 88512 93648 93530 32547 93564 92785 06948
29994 41083 74290 46431 49222 56357 96610 39256 76791 98033
57256 69336 89074 07039 31149 37711 98470 56377 13359 45011
09476 50244 08437 06833 39309 45897 33506 37962 82770 96716
27311 66381 26035 39890 82417 62997 39048 77175 42738 98035
01231 22155 33583 60026 40167 12437 16409 98326 87973 10238
85473 75119 85026 39775 48566 37814 85742 34922 59004 47807
46094 95544 91097 26516 97559 75973 76243 04642 37174 54044
41867 85590 88393 54131 20373 58994 12435 22636 20304 25264
74804 79346 76899 17115 96679 93113 24234 29010 45845 55281
56119 90435 46871 49314 67971 43981 15209 40044 96821 14125
44906 30992 01652 77689 04625 63188 51257 71892 21637 53933
11816 00931 58510 98946 51345 27042 12145 86320 03251 56970
89868 95732 56135 59781 42266 81353 62071 76968 57436 61875
80515 10772 46362 66114 00057 01664 74081 07614 05180 30934
16345 86686 80240 09301 46452 43342 67832 37504 81949 09521
23739 49807 45877 34096 35652 71215 00000

13509/11076/9053 kHz, 26-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 26-08, 1200/1210/1220 UTC

11166 70202 36958 25072 02059
13571 42335 69031 95826 16025 71392 61444 09438 21397 82790
30875 67524 10158 36476 40022 73399 22959 31191 35015 94800
58918 39650 40040 30758 78690 67636 71591 76602 98257 66717
20786 29304 84384 55261 77188 00335 87665 27436 92573 28236
74117 54891 08071 08075 41230 10795 93119 79995 29438 70933
69683 44026 64937 71535 20154 93354 94785 28532 02385 83236
00230 47925 20291 77748 99181 81960 23448 41553 73810 10783
34144 68867 84150 54274 25296 66837 53697 43749 97695 35484
37903 08207 29998 11425 11527 54814 99910 67548 35765 48321
00009 85835 91109 19086 96608 45516 86859 54402 05163 93735
83235 52816 80576 90939 87030 46114 45917 48146 06728 18677
07936 98301 78030 78888 32841 68908 95746 62277 80764 48103
12945 71082 22359 61390 93347 79942 85959 01196 27872 62371
08746 76450 51280 17735 90354 74371 19855 03396 72363 51647
36050 01727 92090 97195 31059 76667 84157 33700 41217 99527
28230 50095 39203 48710 66398 82201 05953 13051 38622 83693
54239 53460 09673 54578 39847 02546 86025 19395 21282 06919
46126 72298 53957 41862 32472 31225 29786 53045 78954 68337

98120 04980 71884 08912 28980 40906 68148 15886 04501 83781
18941 02224 49543 33079 72483 38312 37399 37072 54198 46555
31535 45293 47760 72203 00000

11166 70202 25861 25073 02099
55474 75289 95699 37168 30291 93292 62634 43059 48924 97876
70287 43168 49623 56730 14307 76758 08759 26980 31662 60380
42650 33059 33759 72237 23154 13436 83808 57751 99221 97116
23111 79745 41594 95879 75956 61705 52824 23161 87832 97534
09834 75549 76605 26259 31161 37801 01395 95103 86112 97341
78796 59391 87992 79172 01166 92690 38608 37119 36635 05660
16221 62374 15559 97013 24155 95258 33069 85065 42226 51141
22433 93263 48200 96460 78904 88174 01452 35778 38740 93346
06019 95803 43087 27483 95241 17337 41421 40377 05170 91046
14220 45032 28924 98047 19562 69417 69209 41187 93340 76279
31150 78001 57782 24472 22654 91262 17942 70212 54477 58071
50889 31729 57187 03407 17246 65717 57206 49100 49778 29054
79124 94152 98728 24198 66469 87329 38574 51729 38122 77990
65892 18440 22562 56072 43036 74447 37136 17170 67290 77729
04531 13653 70205 09554 23639 77755 76797 89218 37011 27578
79298 61541 62073 91930 05138 55547 78308 14971 83861 37784
87570 26554 42654 08704 89741 89249 85167 15542 40904 57959
33334 80147 86220 13059 36860 65189 84706 53019 80080 27174
68088 57444 40860 29721 00928 56441 81239 15531 34204 67289
74505 60482 69544 84325 98370 58288 76279 32989 48957 09168
28525 23971 55269 10951 54465 68384 98840 73207 00000

13509/11076/9053 kHz, 27-08, 0700/0710/0720 UTC

11166 70202 32619 27089 00049 00000 00000 00000 00000

13509/11076/9053 kHz, 30-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 30-08, 1200/1210/1220 UTC

11166 70202 25847 27074 02739
18722 64397 18308 24141 02802 09036 57134 68629 37861 51619
27469 12370 41807 22079 55994 48908 58031 90681 35516 24673
05657 62965 18414 99972 53302 92359 98470 51904 02335 40165
29521 61325 90521 37577 54345 51111 52036 29464 42270 67860
94746 04553 58881 24245 80726 41739 16314 44199 20926 27198
77542 78120 19942 21977 13114 80278 31823 84769 33759 65627
12846 79552 47316 88184 82202 22767 13417 08194 26535 49748
94359 40237 09256 05076 25604 99492 70591 86531 54349 88328
29282 97372 19598 90408 21888 86575 72173 64510 40618 81770
58111 55241 55644 44530 13867 62825 32817 02717 46780 39173
82731 39554 99229 02397 02080 44143 19912 86977 93223 53077
90695 71762 72932 37863 82472 52980 06208 17832 38451 54462
26158 03222 08333 92266 25834 98124 81797 35872 32976 17991
94753 33151 03620 01358 06771 91292 95470 20522 73139 30878
07012 20805 60008 55280 93269 43140 76017 02591 94179 09632
18869 72241 36479 76797 60289 43538 95081 86172 17796 28259
24857 66966 86721 24537 98759 70452 30935 64185 13245 40791
55683 70681 46902 51959 11005 69973 83252 65486 99143 21308
33643 88670 84410 60267 21178 37983 28912 71200 11618 37323
02611 31234 02196 05832 41127 93055 04271 14939 49739 98651
80782 19343 77006 41192 24408 91596 06467 17245 87397 14996
39830 36512 98998 14459 70121 81271 31413 30078 68190 32712
00236 63039 31055 06356 10293 48588 65479 63743 82836 35734
05260 92579 25022 78383 85629 72523 27601 67586 23236 68811
01788 59578 75114 20897 91210 79317 75110 18299 19908 04193
71180 80845 62289 57596 12002 85498 46011 67050 56345 06951
23703 66564 03637 64170 74468 47928 69140 90103 21119 90607
52220 74271 00000

13509/11076/9053 kHz, 31-08, 0700/0710/0720 UTC

12138/10394/8076 kHz, 31-08, 1200/1210/1220 UTC

11166 70202 46821 30075 01679

62252 52894 34049 39219 85529 61694 02107 09873 40903 00547
63620 40317 40604 01973 13006 36688 60601 47262 38906 28215
52096 92683 99016 60085 99593 28615 59455 09064 92751 07513
78380 20301 04177 01670 38521 88775 90375 76697 58335 33797
58029 91661 36457 40018 62794 61827 09139 63380 32802 44925
25366 25452 34064 36902 69339 44568 19950 88074 84999 77231
31937 75633 82300 68207 43820 93432 29902 32738 66565 45001
63977 19338 55989 50712 67817 26577 90467 05057 01935 72315
10845 44944 89329 38818 39738 14982 85625 42174 22427 40658
88762 99488 56507 45385 67912 92245 02509 72311 16334 49316
92650 96866 57838 98024 79935 40967 61547 56720 94755 24814
44653 67290 01213 17230 67843 91052 70326 70464 53090 16466
12335 50417 78497 52091 35248 98201 29881 03245 21879 83995
13771 55782 37921 00408 13233 67161 62306 98332 52057 70439
61223 50234 55597 56450 67652 96329 63197 43961 22350 23455
59756 45067 65296 32963 19769 00360 82260 42078 95684 76095
63881 75740 45980 08475 85281 75165 00000

11166 70202 25471 30076 01859

09738 75976 44046 18803 39746 80879 96693 91752 98286 68611
40865 92019 55929 34766 43268 71858 42582 47019 07984 55167
70189 02377 81442 56108 94592 80219 36403 92746 52488 70837
33373 87904 34418 84139 82903 74397 79732 68225 57209 46863
04468 92508 24533 27356 98068 75085 04710 36896 49892 59010
69353 90169 91444 67210 35112 55551 65263 90677 23429 47657
56412 89662 85244 44595 47501 12542 14073 47118 83181 62045
95899 21851 55055 63535 69333 95794 42924 15028 94445 94282
73334 23633 53742 39582 81332 58117 33698 52332 86389 72256
60302 22993 18419 78686 87034 45507 54834 77920 58733 30361
54573 72240 99763 39213 00036 19129 99959 08309 82869 03947
96739 52841 94537 36529 76859 69457 07615 01404 46231 79104
58738 16303 41247 77383 69159 78667 80040 84622 63828 04823
77125 12834 74951 91522 69864 91760 40962 54542 30171 21187
36835 24008 59920 41711 96690 01153 93478 41160 14614 06188
55805 38833 34643 71974 49554 14773 65849 63178 69618 76235
83454 25609 68556 78559 01919 95416 21326 42615 30944 22839
62786 36026 50318 90188 96377 10344 64548 28771 97435 11366
23217 64401 59576 76183 00000

Link 80214

14978/12216/10164 kHz, 05-08, 1330/1340/1350 UTC

11166 80214 96521 05027 00049 00000 00000 00000 00000

14978/12216/10164 kHz, 12-08, 1330/1340/1350 UTC

80214 36491 12014 00049 00000 00000 00000 00000

14978/12216/10164 kHz, 19-08, 1330/1340/1350 UTC

11166 80214 65741 19023 00049 00000 00000 00000 00000

14978/12216/10164 kHz, 26-08, 1330/1340/1350 UTC

11166 80214 35724 26071 00049 00000 00000 00000 00000

18516/14878/12119 kHz, 01-08, 2100/2115/2130 UTC	File 04479
17503/15763/13926 kHz, 07-08/08-08, 2100/2115/2130 UTC	File 04480
17503/15763/13926 kHz, 14-08/15-08, 2100/2115/2130 UTC	File 04481
17503/15763/13926 kHz, 21-08/22-08, 2100/2115/2130 UTC	File 04482
17503/15763/13926 kHz, 28-08/29-08, 2100/2115/2130 UTC	File 04483

6916/5851/4831 kHz, 05-08/06-08, 0400/0415/0430 UTC	File 04486
6916/5851/4831 kHz, 12-08/13-08, 0400/0415/0430 UTC	File 04487
6916/5851/4831 kHz, 19-08/20-08, 0400/0415/0430 UTC	File 04488
6916/5851/4831 kHz, 26-08/27-08, 0400/0415/0430 UTC	File 04489

10687/7992/5913 kHz, 19-08, 1900/1915/1930 UTC	File ?
9064/6790/4565 kHz, 19-08, 2000/2015/2030 UTC	File ?
10687/7992/5913 kHz, 20-08, 1900/1915/1930 UTC	File ?
9064/6790/4565 kHz, 20-08, 2000/2015/2030 UTC	File ?
10687/7992/5913 kHz, 23-08, 1900/1915/1930 UTC	Files 44436, 44437
9064/6790/4565 kHz, 23-08, 2000/2015/2030 UTC	Files 44436, 44437
10687/7992/5913 kHz, 25-08, 1900/1915/1930 UTC	Files 44438, 44439, 44440, 44441
9064/6790/4565 kHz, 25-08, 2000/2015/2030 UTC	Files 44438, 44439, 44440, 44441
10687/7992/5913 kHz, 26-08, 1900/1915/1930 UTC	Files 44442, 44443
9064/6790/4565 kHz, 26-08, 2000/2015/2030 UTC	Files 44442, 44443
10687/7992/5913 kHz, 30-08, 1900/1915/1930 UTC	File 04445
9064/6790/4565 kHz, 30-08, 2000/2015/2030 UTC	File 04445
10687/7992/5913 kHz, 31-08, 1900/1915/1930 UTC	File 40446
9064/6790/4565 kHz, 31-08, 2000/2015/2030 UTC	File 40446

X06 - Mazielka

13524 kHz, 03-08, 0803 UTC	MFA Moscow clg 125643: Russian embassy Ulanbatar
15836 kHz, 03-08, 0805 UTC	MFA Moscow clg 165423: Russian embassy Brussels
14631 kHz, 04-08, 0830 UTC	MFA Moscow clg 362154: Russian embassy Athens
10175 kHz, 16-08, 0714 UTC	MFA Moscow clg 263514: unid Russian embassy
12133 kHz, 16-08, 0718 UTC	MFA Moscow clg 263514: unid Russian embassy
8068 kHz, 16-08, 0723 UTC	MFA Moscow clg 263514: unid Russian embassy
13415 kHz, 16-08, 0735 UTC	MFA Moscow clg 263514: unid Russian embassy
11158 kHz, 16-08, 0745 UTC	MFA Moscow clg 263514: unid Russian embassy

9000 kHz, 05-08, 1938 UTC	Sequence 111666. Extremely long test. It ran for 10 hours and 58 minutes !!!
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XPA1

10234/11511/12117 kHz, 03-08, 0710/0730/0750 UTC
 829 829 829 000
 01140 00001 00000 31655

10234/11511/12117 kHz, 05-08, 0710/0730/0750 UTC
 829 829 829 000
 01202 00001 00000 33251

10234/11511/12117 kHz, 10-08, 0710/0730/0750 UTC
 829 829 829 000
 04186 00001 00000 34664

10234/11511/12117 kHz, 12-08, 0710/0730/0750 UTC
 829 829 829 000
 09700 00001 00000 34661

10234/11511/12117 kHz, 17-08, 0710/0730/0750 UTC
 829 829 829 000
 08497 00001 00000 36671

10234/11511/12117 kHz, 17-08, 0710/0730/0750 UTC

829 829 829 000

07692 00001 00000 35270

10234/11511/12117 kHz, 24-08, 0710/0730/0750 UTC

829 829 829 000

01610 00001 00000 34252

10234/11511/12117 kHz, 26-08, 0710/0730/0750 UTC

829 829 829 000

05031 00001 00000 31660

10234/11511/12117 kHz, 26-08, 0710/0730/0750 UTC

829 829 829 000

06257 00001 00000 35663

13491/12191/10691 kHz, 04-08, 1210/1230/1250 UTC

416 416 416 000

04521 00001 00000 34256

13491/12191/10691 kHz, 06-08, 1210/1230/1250 UTC

416 416 416 000

04556 00001 00000 36661

13491/12191/10691 kHz, 11-08, 1210/1230/1250 UTC

416 416 416 000

05010 00001 00000 31256

13491/12191/10691 kHz, 13-08, 1210/1230/1250 UTC

416 416 416 000

06342 00001 00000 33662

13491/12191/10691 kHz, 18-08, 1210/1230/1250 UTC

416 416 416 000 02201 00001 00000 32652

13491/12191/10691 kHz, 20-08, 1210/1230/1250 UTC

416 416 416 000

04019 00001 00000 35655

13491/12191/10691 kHz, 25-08/27-08, 1210/1230/1250 UTC

416 416 416 1 416 416 416 1 416 416 416 1

00204 00100 70867 92149 46927 84787 21272 97056 29006 60627

05054 90775 06513 03462 86035 10213 20708 90792 15569 45110

90882 45848 04504 63531 67051 53166 00767 45003 14801 24362

16881 52426 49069 76910 96670 47342 63601 45963 11262 75912

73322 09282 60344 15556 15119 47917 57933 47380 97787 82548

65120 35019 27982 74667 71979 81741 31815 26504 41268 79054

45988 94069 44754 39310 54781 87126 90099 49282 04893 71084

64655 77776 89031 98376 06487 64396 57703 43646 92729 09349

06314 96228 35246 79224 03501 17144 67646 43419 14235 56552

55982 17631 92602 74153 20210 24697 81000 63478 23145 88264

95801 84181 73513

12192 kHz, 03-08, 1150 UTC, i.p. Probably an exercise

12159/11559/10559 kHz, 01-08, 2100/2120/2140 UTC

09728 00156 69196 76337 57197 04318 07154 27014 64196 92260
84325 86054 80822 86055 98068 57593 39633 03269 15531 09194
17429 34707 38385 46701 42558 49135 07164 12446 77737 21248
53969 68098 00219 15473 50904 83776 47227 37286 85420 92567
92291 74633 36529 07411 37746 31142 41399 15194 27479 53038
94863 53585 34600 04755 28895 46899 01559 31716 54508 85707
47987 67514 74941 77645 48619 48523 69140 14583 95802 45483
37417 59863 62210 38680 08096 16542 32941 94101 42289 51621
27964 41061 82152 81446 72765 55478 29902 90411 52893 60983
16749 79870 13019 16012 02691 38209 82749 72491 79069 94845
00285 67149 32783 89296 16721 95515 96508 99351 12269 15832
20296 66242 56333 03787 15332 55301 15643 44090 35003 63814
77829 37273 90581 26768 76461 69330 36188 59116 51196 87804
45661 02754 08284 65987 11301 79069 92869 33731 83243 06384
71500 39142 32230 70655 87876 62514 97251 79303 63139 46958
30899 47057 91289 23940 55933 23652 65627 76060 12443

12152/13552/13952 kHz, 02-08/04-08/09-08/11-08/16-08/18-08, 0700/0720/0740 UTC

00565 00100 20279 66947 44673 23418 38829 63737 19782 56401
28728 69754 05048 79831 59544 07781 48842 50916 88958 80390
67675 51982 43526 77563 95160 35723 71177 49059 39903 46767
34515 60331 98513 98575 21246 05524 32980 56457 35467 84976
35287 84032 13340 09345 87456 21778 53227 56525 44561 93445
58209 74761 74349 56646 12778 76607 35966 80772 94765 53751
62831 29052 57690 19059 21017 10581 61564 72224 53859 87134
56057 48578 31784 43709 09740 16954 43241 21091 57980 08084
07200 20392 63034 90977 86894 06797 64314 07792 34863 32387
73046 50376 98126 83489 07745 04161 54808 38655 25489 21295
37464 30528 23642

18059/16093/14874 kHz, 02-08/04-08, 0910/0930/0950 UTC

09079 00086 45095 86303 36914 70676 14368 92576 26341 67389
69220 65103 38278 53594 62960 60311 00235 96460 13090 82624
96218 43107 68327 12119 23689 76946 22599 55826 77272 85130
17171 70695 28494 35885 75675 26594 15370 13949 40640 40315
23490 89581 73642 23513 27149 58175 89156 32497 10252 02433
74154 12794 46087 26034 67524 61814 93197 39615 69115 69415
55936 42461 71284 40474 39016 49104 78562 17370 31527 21718
66935 07399 06772 26307 43183 96300 25033 94359 00876 38926
61212 42783 08692 06743 30175 30862 77537 37024 57554

13825/12125/11025 kHz, 02-08, 1500/1520/1540 UTC

03315 00001 00000 35254

10427 kHz, 03-08, 1045 UTC

04302 00500 24976 44123 81342 34651 28682 54832 46125 88966
75210 20339 20711 48051 05808 19194 54983 66480 51539 49000
07356 16238 29494 80874 84155 90504 29084 70422 93007 67591
30252 56897 11086 38556 76655 43179 25581 16458 02540 71244
71924 74608 25005 55374 64075 40147 21631 05344 70366 51584
28497 30269 62135 08784 02837 60310 35395 46767 02647 48005
64644 99111 36165 09181 31004 75353 89253 98855 45544 30096
56291 53506 46583 33526 10627 85550 64498 17347 53891 70610
95724 49913 97999 91601 60151 81719 79450 17243 17118 83992
64604 93205 22825 03397 18169 88063 52793 33310 74180 99987
40010 72905 13570 05981 79280 77350 98498 52585 13259 39470
30030 47113 08306 28685 79030 37796 82556 97183 70355 20286
52512 40737 70254 73847 47758 75477 25820 57322 80715 78717
92812 74035 85954 21049 09518 49690 88398 06603 06063 30263

57217 96627 78126 02964 54018 49985 37965 15129 30326 15792
00527 07133 07773 09575 51770 50746 81955 31784 33899 62686
20037 83712 99664 87220 82622 23784 24983 81686 93565 36151
90478 04715 56979 50826 60461 46978 51274 10203 43421 34769
37884 86763 34039 34128 48791 26158 99274 73336 42569 93037
93485 50972 25284 42291 00863 22092 85778 64328 73603 99724
70127 84852 39943 68597 08003 64724 24845 83500 15895 83177
14854 80180 37510 81595 33596 49155 23052 86206 72696 40796
78213 88989 99638 06981 28437 06621 32188 30924 07406 86215
81984 84833 12665 77754 97031 44368 43463 22349 91593 70759
18775 04569 40258 77933 43354 72803 46867 56713 77644 88885
91415 75227 86535 71672 10805 77805 81743 22600 04534 11396
73274 93468 06169 68192 54572 75454 53948 59094 98029 43847
20361 28547 48822 66683 78153 74278 37081 59326 73520 19893
76900 49834 85863 77007 62426 43852 75240 77987 51088 14883
39726 52745 10206 22465 97231 42544 94029 77075 59526 59915
80223 57401 26396 60019 42600 02966 52385 81793 02952 85659
58720 63122 37735 03438 43178 12081 45471 74079 40460 25602
50274 17048 32318 72028 52743 48465 66055 32729 94696 26273
04417 33840 32382 61865 45829 05770 76735 22981 94216 61870
08528 45126 76132 65929 32955 02652 97070 90441 61613 33999
01576 78068 19506 05323 60413 26712 73761 82303 09860 65653
79662 06334 00940 71988 81292 72716 70284 76031 18062 99362
45774 66735 78267 08192 10676 01672 78181 13538 19773 25391
18431 49904 40918 87445 72711 13833 58650 84867 23594 09594
50834 91229 00568 54419 48773 37771 28898 40200 71677 17808
54400 62100 23507 12684 51401 22092 58785 74881 18198 46595
91063 40488 32185 36650 73862 69417 57133 47151 60908 76345
79998 52436 46202 50850 55143 73772 96969 68157 13786 07972
88849 28460 15607 76506 79378 27272 04954 17577 73546 66618
41814 95067 55630 65165 00838 33811 51197 86804 56992 27139
15058 32431 66941 33752 07010 31816 61420 90504 52598 87488
89519 35855 24264 42742 38716 72031 66037 65226 32052 19843
69054 02451 15549 53898 89478 08195 74594 66587 31714 87567
81865 75273 21554 70592 88024 71329 32516 65847 13745 26777
81638 01617 51970 95337 21121 40562 04651 16236 58661 94945
73495 70424 46571

13887/12187/10387 kHz, 03-08/06-08, 1100/1120/1140 UTC

00248 00138 44960 40920 52098 42152 86017 87040 38412 01462
48511 92908 78001 93769 35525 80089 84662 96029 67518 18545
92535 35248 99792 11172 34922 56931 57034 86368 29291 48336
72321 78235 53375 66056 16751 04812 07693 77261 61966 82360
09455 41679 48079 23577 22374 39980 28546 54998 09633 16898
68280 25883 30028 64524 18286 76179 73540 44395 12848 81180
56484 19318 21501 60171 06542 78682 12835 41870 63382 48692
30795 92546 08542 67662 62847 84119 48824 01226 24342 03097
64438 71710 23955 72738 00805 30343 20013 74577 36464 14297
93019 36073 72788 37040 68602 00129 66349 05113 37734 87640
73345 58487 26194 67335 22022 80497 76300 76862 73339 72540
32804 54415 32658 61906 32877 31394 50851 52619 36223 31040
14383 75835 85831 07575 31882 86382 67125 06061 66109 97321
18301 96247 79658 53426 48328 52932 90028 60506 87330 51798
52364

12153 kHz, 03-08, 1055 UTC, i.p. Probably an exercise

12153 kHz, 03-08, 1305 UTC

07686 00350 80860 00086 41902 64394 92314 00767 16186 29018
08680 68534 21387 56729 13415 70140 64213 16407 23314 03001
51717 73532 66138 88265 82656 68264 48034 46036 80070 53036
00532 23230 70888 76783 17887 82830 38903 33500 04628 70182
85284 41573 04837 91853 40663 71600 80000 76859 37880 56249

51658 99667 24464 03700 32360 71857 19004 74432 80276 82130
19046 37850 70086 33317 58482 38501 58545 18651 94825 78313
58054 25123 41845 75534 56708 00134 36466 68803 66327 85477
23868 81863 13878 87278 85507 81530 55462 86787 48260 38728
03688 78888 65678 58250 18304 82884 03348 28674 08890 93575
45227 18630 48849 22286 62509 20485 56148 31067 23260 00307
60718 00135 04683 78333 01503 30887 27328 48858 30606 66323
36856 45685 02152 30488 78660 03335 66564 58853 83007 18283
72325 48256 00328 37506 51859 47789 00608 33209 75393 99913
33008 54831 71354 83345 04408 88800 48555 88312 85882 62754
56463 99019 65627 85805 88005 54583 71365 73826 88226 38713
03785 55307 33282 52870 66636 06852 66332 33308 08830 56300
09017 37334 87880 70658 28778 68220 32630 77279 69960 40933
48828 01220 44000 60463 07862 28064 68886 64560 54074 18864
46303 78005 00684 66154 24657 67220 31320 85768 72519 57138
47322 88736 06880 86484 08566 99662 85946 68001 18398 14590
83387 41762 92008 46435 15362 26674 54754 42961 41472 86003
49239 29665 85917 55574 27800 90644 54530 51361 55302 81307
31461 70029 13120 40500 32959 63792 87670 40922 40070 14008
86283 00874 34191 46315 30287 21157 23604 25849 22189 08155
50944 73310 90202 07159 88823 18487 40502 14157 81749 29169
27566 61613 77536 83280 56580 71330 17894 64935 97928 05379
87353 62768 56302 08580 54820 86399 18732 34257 37240 24808
09374 38055 08767 69088 56016 72327 47308 14989 44707 48673
33013 39006 14770 36785 19193 09942 86784 06174 23917 06004
82722 31182 40778 56920 64932 80012 48904 68560 85359 16132
47887 32483 31858 60631 71201 00330 28798 60920 33528 76873
09715 24787 29081 44961 51437 35923 42690 20546 13057 42713
36158 85440 64433 82188 38500 20852 08880 70000 65028 68507
21839 30055 85800 86545 80070 88313 44770 88586 70552 26900
02169 00021 02762

14864/14364/13464 kHz, 03-08/05-08, 1600/1620/1640 UTC

00131 00183 35664 86188 39811 15341 41263 40362 81758 44331
19222 97776 00824 76598 83686 12378 95417 20471 53585 53226
19235 45123 25024 39816 65878 45276 14122 71216 20747 90838
66121 98957 63482 42608 04042 83918 85680 75511 63156 23139
32809 00811 44062 43598 33512 56136 33250 18004 02294 82854
40438 18669 76831 85773 97893 55923 70115 89346 61634 68441
39855 49841 95807 70961 77386 04842 38625 43662 74892 45406
92399 15137 36540 70127 88220 61500 78258 31946 13340 26130
88166 46179 85886 71066 07701 59098 72940 73915 22845 48463
23041 23672 34158 01430 53729 90414 74567 17413 86490 01092
10132 01452 38232 58228 39899 61151 64274 61096 87624 49857
94189 67782 12312 88968 46353 00332 10238 05241 83083 15851
88647 23795 74552 99224 49541 08315 59927 62175 39771 77782
42316 30653 37278 00774 23366 35531 67702 66980 13519 63126
62649 20009 42389 82605 47853 17378 84559 02075 51154 19128
11101 73299 49977 31367 13478 57369 96749 17950 00871 73700
32609 38469 50516 16082 49449 80252 36163 15246 60562 39909
37316 99029 90150 69601 95395 34978 16633 56024 52777 41607
61061 88898 91449 18575 14732 35752

12159/11559/10559 kHz, 03-08/08-08, 2100/2120/2140 UTC

02752 00144 45532 73275 26874 01703 46424 00762 67020 61396
65272 47332 51530 08520 47582 96692 09300 09045 11102 77055
09406 29483 72928 10495 48174 53958 40791 40211 24481 22368
31830 27432 26383 08695 81275 64028 69183 98675 60757 70214
18522 22575 13734 96817 69462 12791 92914 87625 91844 40977
60834 16107 28737 72888 94454 34624 94379 31871 10345 86547
61010 47421 06091 04884 99798 00128 21020 75904 38603 72710
27747 17299 82894 70947 22357 57534 01687 16462 61676 03106
89328 98222 32724 87843 41215 37408 36974 32119 26473 42198

67092 24917 11269 49995 62116 05557 58768 31273 64244 93866
07978 80995 63755 36235 18410 78540 88568 65869 61993 21310
92270 41144 56855 83414 60976 82076 19840 93000 82313 94406
65425 07508 14126 23448 73483 08569 50782 66137 91971 12476
95980 14884 64383 52037 12888 52946 10019 44206 73842 94809
79076 89335 73190 70621 03394 92581 51071

16264/15864/14864 kHz, 04-08/05-08, 1100/1120/1140 UTC

04402 00039 84935 01219 79903 74883 04765 55988 31995 18592
39299 73457 99979 71870 70567 95206 39180 05869 74315 55689
19296 75579 25088 55040 82832 99463 48459 55561 53887 71174
88217 82296 16812 71151 95490 80584 41068 82794 85631 80269
80902 62062

13919/14719/16219 kHz, 04-08/06-08, 1200/1220/1240 UTC

00165 00144 70258 08394 45584 68387 43212 67565 18044 98873
68119 86453 73002 67964 40414 11352 50849 50340 10409 05713
29066 73094 78602 60449 33937 06258 15217 15784 21496 15469
77628 68966 35761 69288 68759 54072 79234 28753 93327 10870
20907 62231 67521 81050 70163 98619 92516 61390 27639 00535
59209 70513 75721 69050 60225 21440 13706 35289 90320 90654
71238 13487 13230 75869 93006 51368 58718 74675 08077 00123
35574 10782 80499 64318 92865 01638 81257 53776 41865 13508
37373 45356 14452 87175 43784 16201 33729 93186 35374 13041
00901 24371 14217 68242 50640 96123 30955 95240 20751 17170
42437 55041 30094 93158 55976 53545 89109 62000 52326 66689
36709 32298 33693 94454 30400 91694 03937 74198 69013 30956
46988 82772 21001 15206 60552 76536 20044 50694 66508 89166
09605 89965 11111 00366 49001 92934 10700 07524 72655 20707
39293 71790 66649 00436 59626 71447 16602

14372/13372/12172 kHz, 05-08, 0910/0930/0950 UTC

07722 00001 00000 35662

14372/13372/12172 kHz, 07-08, 0910/0930/0950 UTC

03834 00001 00000 37256

13825/12125/11025 kHz, 07-08, 1500/1520/1540 UTC

02987 00001 00000 41262

18059/16093/14874 kHz, 09-08/11-08, 0910/0930/0950 UTC

04587 00200 45342 61070 06808 03011 88889 06957 36751 23589
44545 11196 11137 86976 78060 01385 98751 07050 35388 27317
32667 18949 71471 01421 96105 81626 95971 47717 36998 16226
75370 22668 10679 03265 10409 99555 54662 10630 37782 23367
94871 70890 56227 53618 21833 96005 59889 33883 23502 06998
44541 51046 29457 21076 47617 12963 44714 17701 14999 99469
57040 83466 58446 60017 44519 54489 29894 71895 75263 68151
73479 70821 82756 83749 63745 32357 13801 51764 64035 85809
97453 70730 28861 11018 80624 78303 74171 18368 98060 89697
65348 84115 33401 92015 65102 23688 90338 63275 36273 26624
13229 47861 18764 10349 92082 58582 85360 29611 34389 81392
46044 84623 90233 95631 05663 77929 30612 50790 42372 30961
60888 98844 71247 17817 98630 65905 94234 15241 19107 52344
59860 17291 36458 97494 26438 63243 81354 07289 14914 56571
18226 51508 41730 35992 28676 93233 00656 34246 05589 20736
51489 17234 12113 44226 99778 76985 40118 60782 91088 28614
84568 71129 54386 76342 32706 11623 38460 37244 80321 06316
68121 79360 04573 58368 68795 18925 34223 65679 45176 53865
13007 42864 16759 68630 85835 10896 28183 62181 26362 66196
92707 67379 57384 62560 30280 34342 49099 19263 83637 94030
51801 41836 63773

13825/12125/11025 kHz, 09-08/14-08, 1500/1520/1540 UTC

08742 00232 19157 88515 01392 44916 24180 17174 85284 35976
66803 79250 13643 28815 62801 95199 61329 52067 80140 99858
03316 14310 64858 39294 70754 54188 71083 04370 60171 30211
42215 64658 12630 99322 27849 31562 56548 63289 35135 56398
99653 73815 30233 81168 24114 02119 60270 15599 43823 97406
85573 36384 07713 60529 04564 28487 20609 78483 11022 28777
91725 00424 35949 63529 61408 81328 50709 87208 98104 91975
35934 96690 37192 28661 74333 01628 11649 47332 77342 83340
80437 80500 98943 74090 63446 04441 23662 27862 70192 04860
78256 83838 63511 57261 57750 56533 36072 33497 97828 45768
14232 72719 37079 27019 48760 98161 96120 14576 50254 59773
26070 23983 38354 17249 50323 95644 64774 57875 10645 61319
39478 52755 39565 31215 21091 18155 36591 53068 65648 02453
57550 69592 84984 79979 10495 58514 12375 08740 54630 80662
85974 97878 92376 74712 92290 92891 35396 54651 44344 69132
59516 10447 24414 04398 89464 99317 50622 62940 91777 64917
07681 03506 63651 34373 18934 49303 93731 79987 09724 05542
11742 43933 60204 30053 83666 61753 85418 22961 07630 95006
62672 10682 98223 46223 78793 94039 94869 37270 73724 24113
04632 85236 55345 90868 72012 22052 79312 93114 74666 12300
14227 97629 60585 07376 23538 91070 04894 62431 69707 16399
55633 31694 54065 01140 77888 45562 71714 78318 65534 14524
50085 34891 55947 52729 41991 74444 13193 21329 05887 78834
23123 55071 11082 22573 44465

13887/12187/10387 kHz, 10-08/13-08, 1100/1120/1140 UTC

02821 00054 98853 57157 58886 43735 89547 89473 49436 70218
78139 36736 18521 52130 50518 49909 84679 87703 37142 80823
88394 53863 65523 58557 09372 13131 74115 05506 06866 36973
61173 23284 18574 21107 92306 91494 70046 09031 46658 93552
19555 72899 09408 93058 03504 44763 80433 73238 52125 41936
86518 34656 54820 75590 62848 31508 44750

14864/14364/13464 kHz, 10-08, 1600/1620/1640 UTC

09908 00001 00000 41661

12159/11559/10559 kHz, 10-08/15-08, 2100/2120/2140 UTC

03814 00132 35317 24638 17375 47322 91814 48109 60671 18271
61009 70394 63193 01683 55160 80456 08898 76760 77446 23070
73355 32875 72620 95608 72331 50432 54111 74105 95120 37343
95671 00522 80619 60352 51211 80145 05255 46276 93287 94325
87420 65739 33097 78169 36240 46328 10683 18554 53376 97639
66545 81780 36556 85490 15484 42976 25907 61381 81036 42598
13713 56913 06447 87435 34021 25723 26971 38617 12364 76097
67292 26343 50327 22194 72959 89478 02786 63492 09623 36162
29024 84757 18301 57081 91555 03049 19064 00720 60104 59046
26393 75631 38343 21193 26622 75545 85230 18051 80020 48917
17579 58933 21507 74489 26800 50780 60849 75794 25779 02136
96673 56171 38108 43991 13862 83398 97986 66945 52097 35021
61190 37590 97322 31144 44713 27653 96709 49219 83738 51603
32528 45113 74565 78880 66236

16264/15864/14864 kHz, 11-08, 1100/1120/1140 UTC

06863 00001 00000 36664

13919/14719/16219 kHz, 11-08/13-08, 1200/1220/1240 UTC

00233 00080 25367 04670 41631 62201 79333 52359 17460 55322
15080 72830 01675 64228 04382 40467 03023 48218 64405 49293
43379 29629 93695 79103 01482 09631 02107 67644 94406 26985
50775 30466 63235 87239 00285 29821 16211 24743 81866 86118
96081 71272 10538 93886 20890 96912 37198 24037 16179 84524
30220 05677 89032 93742 11985 77943 69417 63948 85623 20171

09681 28761 97693 41590 58183 08777 23703 98590 75363 62759
12585 09257 83371 54140 25769 54685 21604 53950 97017 02920
64010 42703 62055

14372/13372/12172 kHz, 12-08, 0910/0930/0950 UTC

06659 00001 00000 40663

16264/15864/14864 kHz, 12-08, 1100/1120/1140 UTC

09626 00001 00000 37263

14864/14364/13464 kHz, 12-08, 1600/1620/1640 UTC

09889 00001 00000 41671

14372/13372/12172 kHz, 14-08, 0910/0930/0950 UTC

04932 00001 00000 36657

18059/16093/14874 kHz, 16-08/18-08, 0910/0930/0950 UTC

09850 00120 96952 01999 92239 54156 62114 04711 64110 85129
29732 88905 88750 61887 69804 06375 37292 97038 46909 49928
32477 07920 96182 90215 42596 65469 20613 29168 13098 05669
22659 60938 23632 70631 94305 17917 32402 04377 53345 43079
14150 78872 92643 05927 68872 03947 03424 70607 27015 03240
78126 15587 54850 22301 55002 92699 54076 81421 35392 54463
33907 89710 44571 25643 30896 62780 49829 07780 39207 58703
51664 53093 25132 51608 24552 73049 76839 66832 43976 86702
79159 53480 76496 86763 46268 24220 83866 16482 68743 59806
03091 21795 71036 32727 77351 17705 31512 59698 05935 97601
05515 94924 42807 05283 74404 01940 61831 19019 20950 82013
67577 64566 78137 86549 31455 77481 29038 09318 53308 15747
36938 19145 33305

13825/12125/11025 kHz, 16-08, 1500/1520/1540 UTC

01150 00001 00000 21556

13887/12187/10387 kHz, 17-08/20-08/24-08/27-08, 1100/1120/1140 UTC

06697 00112 36920 33031 06628 09240 47349 07579 46739 36539
45919 45190 82836 31836 57092 33393 29495 89444 74004 48042
36271 54376 72281 02620 33220 16277 20152 02807 95541 71233
35128 78967 03326 97626 55244 12106 75661 74016 05681 29495
35604 10485 63838 22839 74024 62098 19876 67249 00854 59731
14349 03622 23896 96300 82735 71090 77065 65748 14949 29631
25605 45656 64098 79426 73438 95209 10725 56834 22904 28268
23347 47580 66635 85543 20778 35524 41504 47628 20123 08076
21921 88012 66262 24276 97546 58212 55087 29896 82792 47209
39616 81671 39613 65297 79802 32344 38666 89573 99803 33784
97847 11258 94264 80737 02625 15302 45018 41516 86365 46807
75125 29359 19283 84892 45562

14864/14364/13464 kHz, 17-08/19-08, 1600/1620/1640 UTC

00505 00183 05874 10363 79206 97264 58312 41601 38260 84859
64573 16005 92232 15250 86123 92550 96047 33609 11268 98281
72958 36074 58343 63635 10590 84821 75447 45085 27524 31340
71739 81128 04973 51976 17913 40081 10138 79016 74232 46880
63953 82600 95724 26152 53417 70467 90911 14726 67687 33429
22908 28449 48629 90820 90961 42016 98481 45416 52265 70156
36429 69334 48291 68390 82013 36287 63886 51984 61843 36038
80536 96738 69890 03423 55563 03221 49263 30239 07556 98637
16306 46225 10402 00086 94689 20067 74855 83048 32603 89110
93554 28444 10862 53089 92231 41658 48630 67557 20198 80565
32433 91158 97486 69155 69142 42616 06778 84330 50824 98833
65889 23094 53094 30702 95716 84569 73596 71595 98033 59939
09723 23663 27626 08988 22930 64578 10521 13416 78837 78114
75079 95403 42424 31620 59501 36878 90201 58312 74584 06722

43818 86548 89022 17849 65657 97558 31420 77054 45870 15544
11452 11549 09030 25709 71823 75199 94425 02188 95041 75166
13376 57186 92615 38570 50524 58112 38642 87741 32212 15679
30795 78911 12964 94523 30331 04598 50663 57735 70237 04917
09481 25225 21425 80805 31396 27740

12159/11559/10559 kHz, 17-08/22-08, 2100/2120/2140 UTC

07578 00106 30115 78887 52535 56363 90388 94874 45491 18959
97199 98595 26500 39115 18893 18428 91583 69339 22436 60040
81979 39739 89634 91556 75770 78624 46154 44461 65889 96674
49041 01845 74544 07581 41278 02741 08471 61609 78911 88065
15971 18879 80531 45537 02521 50252 29608 00958 63247 31607
52839 65829 93717 75162 76876 32133 89223 18442 58779 37333
44565 26245 31867 15225 24074 48650 11635 34027 59200 14744
48350 72683 09717 63270 25068 43115 96159 94236 69380 58531
79457 28376 75635 34885 45859 95787 17221 82871 35212 07599
19116 73571 31153 52776 93179 34284 58299 21328 16847 61134
60800 41270 92362 39293 43548 75167 54783 20942 41646

16264/15864/14864 kHz, 18-08/19-08/25-08/26-08, 1100/1120/1140 UTC

06458 00120 93398 72684 37734 09664 32255 17628 93031 12084
35991 91926 01943 13010 21077 41180 22176 75570 25803 67934
41657 07441 87702 26082 78455 31777 54796 35797 57375 99259
05335 01580 60224 73072 24869 93140 05643 21920 51695 22711
35826 71942 06512 17545 58928 96893 37467 34026 38673 26589
58722 98436 47067 55295 76656 34482 12312 97150 93882 28092
32156 66637 03698 35074 52375 97867 64271 97727 76523 11666
30001 76616 37865 30246 79249 18554 39159 92740 11409 64295
84641 04625 98549 80064 92981 19034 19982 37342 63794 73431
24932 92387 52205 77404 93313 97860 02131 27155 52796 38493
70703 23636 96421 88740 27948 03957 50932 21352 69495 47950
43579 21508 46675 73206 12545 64971 79835 55646 38428 99768
07495 64213 02661

13919/14719/16219 kHz, 18-08/13-08/20-08, 1200/1220/1240 UTC

00637 00108 94465 42035 74970 23923 62319 56967 32550 54439
49208 27298 58736 67904 09381 93689 93510 16099 89724 21207
28875 83506 91524 44441 05498 86491 61412 26459 48210 30845
54804 49041 34763 57270 64982 97974 92931 55658 42272 88700
44140 25094 67079 94571 77211 82622 05738 13774 13697 19518
62663 51739 73811 61042 40007 44139 98911 65908 68421 68916
55183 84928 91180 18372 78444 44534 60499 54946 17262 77853
64585 27497 63487 39733 83352 77702 26972 16959 40626 57939
46656 67088 85559 15038 16476 63788 15454 39235 36064 96029
33921 62632 00310 04846 84125 70730 50214 04835 79852 06125
23968 77890 66150 66762 52360 36686 32993 92276 59487 14158
20336

14372/13372/12172 kHz, 19-08/21-08, 0910/0930/0950 UTC

08654 00088 47514 63986 54626 87640 84366 50194 33005 87855
86608 13041 39694 31872 20882 53398 69769 84927 61002 66848
87274 82303 73813 75524 74072 43698 16915 37490 49329 96950
26522 31343 04887 94446 61035 72790 18538 08391 19285 20147
81835 70561 09178 49926 27383 53860 96703 24971 53654 53385
27843 84825 55901 43070 69319 27525 14682 35788 94831 39119
24357 45041 08348 74486 96760 53289 41871 48406 99854 87939
16376 77387 24604 58800 98946 81378 45539 26139 19070 76014
59998 13910 38598 84674 74395 00859 03317 10132 66368 34184
73626

13825/12125/11025 kHz, 21-08, 1500/1520/1540 UTC

04685 00001 00000 36664

12152/13552/13952 kHz, 23-08, 0700/0720/0740 UTC

06247 00001 00000 35662

18059/16093/14874 kHz, 23-08, 0910/0930/0950 UTC

07323 00001 00000 33261

13825/12125/11025 kHz, 23-08/28-08, 1500/1520/1540 UTC

00345 00259 07733 92586 80332 28006 32961 46219 05090 15558
94768 88630 24272 00977 31332 52237 64483 66661 16655 77466
86186 08266 32904 11640 76225 93877 09881 11433 94419 84206
98415 91515 99425 64147 41722 90620 35207 33711 25355 11922
94788 92330 88722 33525 21644 44644 00905 51606 44369 71027
09751 24372 23611 88606 82022 76647 21171 55130 11222 10688
08438 91759 80911 22693 65535 15506 30061 80809 44444 43726
24224 70009 40247 02793 26395 18294 44446 48578 04787 38116
11510 97158 82944 15048 84363 37040 75229 41155 52625 95186
65526 70641 60317 04186 18704 57251 74157 98816 69329 18684
77254 59333 41072 38760 98258 96874 82533 97958 02099 92842
17284 31888 57163 61399 26200 11004 08981 56810 29168 33040
53070 81726 73027 83011 09464 71022 64760 15756 51558 50338
53787 88074 77609 10050 87039 37335 43687 90538 81733 72253
62166 66805 33522 87334 75222 96085 21097 09335 41607 52669
07833 56491 95358 53141 15658 90757 36906 00064 82046 44113
29871 11547 09170 19428 21941 15700 24307 25988 88803 47554
45530 54741 31041 26104 26669 49733 07265 57491 30713 28143
53809 05365 14818 08062 85606 32255 32941 71814 57316 91120
17975 81077 95043 77680 28853 28431 63940 72222 70835 11933
38843 44966 39005 83830 33606 22374 23306 92374 41968 69667
37273 39656 01774 33876 26636 81333 55491 70915 98888 07473
55261 82755 77604 69527 58870 43322 43868 38177 87166 00374
51282 55970 95386 48016 87754 39166 54086 61851 92744 83498
47083 88938 94278 28131 01888 77843 55311 30026 44488 70523
32238 59947 11259 54468 45106 74922 50012 91726 18271 31562
41516 15442

14864/14364/13464 kHz, 24-08, 1600/1620/1640 UTC

03903 00001 00000 37253

12159/11559/10559 kHz, 24-08, 2100/2120/2140 UTC

01005 00001 00000 33651

12152/13552/13952 kHz, 25-08, 0700/0720/0740 UTC

08337 00001 00000 36263

18059/16093/14874 kHz, 25-08, 0910/0930/0950 UTC

01191 00001 00000 32262

13919/14719/16219 kHz, 25-08, 1200/1220/1240 UTC

00100 00168 63435 73340 88363 71776 59766 39971 34465 43381
20756 83339 51707 76818 18943 86556 76192 36971 65872 70625
39651 91405 26295 30913 22145 85689 80560 33851 80044 31968
69116 50865 24506 83715 84553 39648 36154 47219 93240 73208
88445 34990 66359 19973 83788 43580 65616 33457 10308 86599
89947 87706 63324 55084 59970 07312 52254 36785 64992 14037
67361 96902 14068 41697 20849 34549 56240 39841 76391 76847
60855 37120 36512 54235 71764 35576 92924 69343 94632 60084
27100 78608 76088 77094 50818 98344 52219 65980 01296 03095
21939 41122 31142 03009 96431 78329 36225 50743 91485 79199
01888 37553 53134 36942 43504 31158 35067 35392 13635 82188
93636 00612 67835 22208 94736 55381 93139 23537 65773 67530
07293 69156 07487 00816 89567 80682 33946 28674 91960 31419
48569 62295 66936 44402 72980 49107 08994 96807 66508 10324
74154 50947 81554 21614 97596 32308 65723 03866 52848 43303

84379 89230 01874 38476 06773 39090 52392 33019 37958 12278
08772 89641 08509 20745 19986 02022 10077 06025 08961 48856
27632

14372/13372/12172 kHz, 26-08, 0910/0930/0950 UTC

05263 00120 50838 98127 54123 93162 63688 13415 46808 38489
17795 25586 29193 80128 94792 07578 63153 44860 78889 40612
00236 56588 47467 94863 56938 98341 90569 61300 78998 66255
42741 02921 46685 16583 00168 09457 97815 90096 81929 64951
80681 41925 74526 43964 04481 36068 73282 40761 72149 40516
53110 26943 26962 93584 57203 29287 67302 00423 45920 78250
31759 85298 08703 53418 21077 68824 71987 28307 75171 72820
22543 29903 40796 07684 07975 56453 05606 77071 09874 01981
75366 57706 67201 05446 80931 27563 91158 29010 49457 50472
82521 46701 28786 33402 24581 39197 20378 38388 80178 53331
70320 23877 37976 46763 50546 56495 54840 16269 22872 65857
21916 20666 41225 99158 04410 54044 19114 09965 10594 28074
67480 76307 03631

14864 kHz, 26-08, 1600 UTC. Stopped after 15 secs

14364/13464 kHz, 26-08, 1620/1640 UTC

01018 00001 00000 35242

13919/14719/16219 kHz, 27-08, 1200/1220/1240 UTC

06957 00001 00000 41263

14372/13372/12172 kHz, 28-08, 0910/0930/0950 UTC

03493 00001 00000 34664

12159/11559/10559 kHz, 29-08, 2100/2120/2140 UTC

06023 00001 00000 33660

12152/13552/13952 kHz, 30-08, 0700/0720/0740 UTC

04179 00001 00000 36263

18059/16093/14874 kHz, 30-08, 0910/0930/0950 UTC

00569 00098 16647 51004 14688 00776 31148 55117 94107 69109
28248 46296 98180 92117 04043 73509 50726 98456 52947 90535
11508 67740 77905 20614 27135 88498 14257 43523 67022 94418
06667 29761 75162 95615 97453 37486 92681 99530 61002 03392
32917 74203 86449 00428 15239 72677 47958 16728 23109 48535
46777 05216 67342 13047 95336 74844 61860 07778 05665 59279
85784 14159 11695 59661 06192 74219 05714 84394 71887 47469
16659 47531 08929 79880 71955 35529 27662 24459 48641 17170
67702 33800 54679 15331 13253 57920 66184 77365 53666 68433
62449 44839 96182 05949 84171 52562 13322 20288 08446 54213
73215

13825/12125/11025 kHz, 30-08, 1500/1520/1540 UTC

05599 00001 00000 40266

13887/12187/10387 kHz, 31-08, 1100/1120/1140 UTC

06356 00001 00000 35663

16264/15864/14864 kHz, 31-08, 1100/1120/1140 UTC

02332 00183 39258 17251 11799 10339 25847 91876 09631 71634
07705 70285 03219 66440 46670 60795 96863 94047 88547 18832
73397 04277 75385 35740 46590 17609 14223 69457 32081 62317
28815 96984 21612 91948 75355 66855 83484 31560 97855 89564
77001 62176 80726 09704 33106 26872 21808 57054 74394 06634
02105 53576 29194 53555 98584 95406 40486 74150 58366 77984
00414 71994 64916 10320 36789 58231 84603 81446 31066 51943
74654 69086 19117 72075 19728 56806 62920 35948 72550 75306

23147 31005 51739 02613 66130 21900 40241 37172 73692 73647
92943 39366 36234 58241 42968 65670 74590 01438 42934 94566
51536 65926 55445 23762 46062 45452 65578 11827 20581 58312
20683 60245 31348 13110 05827 96513 78866 16190 17693 64320
77217 27165 87628 72758 26652 63198 90351 28953 25835 41732
56650 68053 18643 00118 74123 83939 98888 53284 06417 74245
99024 44528 36810 82117 65868 74490 06614 52395 92813 44364
94300 13760 57071 27595 01236 09723 06352 43784 69357 43703
58832 53920 11637 29228 90698 09648 43055 60898 44378 09942
03534 81135 49768 82715 27619 46372 75979 36439 67237 89820
18008 99191 13840 08739 56597 50433

12159/11559/10559 kHz, 31-08, 2100/2120/2140 UTC

04407 00086 13781 32188 18060 50720 65525 04972 02514 65553
83380 62703 10380 44054 13202 55111 48802 14255 54910 04979
31744 99213 36000 11005 15827 85882 91111 20195 50665 69222
40383 38291 72978 11938 96322 00849 33322 11291 06571 23651
93655 78826 77688 58716 19004 26158 47043 33724 34308 15995
00717 44911 25603 46116 26323 59188 66625 66028 05937 77277
20325 87629 18471 83455 85544 28886 04064 44954 86533 17529
62058 66376 22855 55301 76281 63361 23331 26584 55473 66631
21307 31910 26443 94448 17200 17266 88873 49818 03034

XPB1

11559 kHz, 02-08/03-08/09-08/10-08/16-08/17-08/23-08/24-08/30-08/31-08, 0500 UTC
12159 kHz, 02-08/03-08/09-08/10-08/16-08/17-08/23-08/24-08/30-08/31-08, 0510 UTC
13459 kHz, 02-08/03-08/09-08/10-08/16-08/17-08/23-08/24-08/30-08/31-08, 0520 UTC
13959 kHz, 02-08/03-08/09-08/10-08/16-08/17-08/23-08/24-08/30-08/31-08, 0530 UTC
14459 kHz, 02-08/03-08/09-08/10-08/16-08/17-08/23-08/24-08/30-08/31-08, 0540 UTC
14959 kHz, 02-08/03-08/09-08/10-08/16-08/17-08/23-08/24-08/30-08/31-08, 0550 UTC

13567 kHz, 04-08/07-08/11-08/14-08/18-08/21-08/23-08/25-08/28-08, 1100 UTC
13367 kHz, 04-08/07-08/11-08/14-08/18-08/21-08/23-08/25-08/28-08, 1110 UTC
12167 kHz, 04-08/07-08/11-08/14-08/18-08/21-08/23-08/25-08/28-08, 1120 UTC
11567 kHz, 04-08/07-08/11-08/14-08/18-08/21-08/23-08/25-08/28-08, 1130 UTC
11067 kHz, 04-08/07-08/11-08/14-08/18-08/21-08/23-08/25-08/28-08, 1140 UTC
10567 kHz, 04-08/07-08/11-08/14-08/18-08/21-08/23-08/25-08/28-08, 1150 UTC

15876 kHz, 02-08/07-08/09-08/14-08/16-08/21-08/28-08/30-08, 1200 UTC
14876 kHz, 02-08/07-08/09-08/14-08/16-08/21-08/28-08/30-08, 1210 UTC
14376 kHz, 02-08/07-08/09-08/14-08/16-08/21-08/28-08/30-08, 1220 UTC
13976 kHz, 02-08/07-08/09-08/14-08/16-08/21-08/28-08/30-08, 1230 UTC
13376 kHz, 02-08/07-08/09-08/14-08/16-08/21-08/28-08/30-08, 1240 UTC
12176 kHz, 02-08/07-08/09-08/14-08/16-08/21-08/28-08/30-08, 1250 UTC

14918 kHz, 01-08/03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 1900 UTC
13918 kHz, 01-08/03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 1910 UTC
12218 kHz, 01-08/03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 1920 UTC
11118 kHz, 01-08/03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 1930 UTC
10218 kHz, 01-08/03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 1940 UTC
9118 kHz, 01-08/03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 1950 UTC

CLANDESTINE / TARGETED RADIO & JAMMERS

Russian-Ukrainian radio propaganda war

7055 kHz, 08-08, 1826 UTC, LSB	Several stations on top of each other
7055 kHz, 15-08, 1927 UTC, LSB	Anti Russia propaganda
7060 kHz, 15-08, 1927 UTC, LSB	Anti Russia program
7055 kHz, 18-08, 2008 UTC, LSB	Yelling. Several stations. Anti Russia
7055 kHz, 23-08, 1749 UTC, LSB	Anti Russia/Putin loop transmission
7055 kHz, 28-08, 1331 UTC, LSB	Various loop transmissions on top of each other
7055 kHz, 28-08, 1657 UTC, LSB	Loop transmissions, anti Russian, pro Ukraine
7055 kHz, 29-08, 1630 UTC, LSB	Rurik ESSB Radio. Loop transmissions in English and local music
7055 kHz, 29-08, 1715 UTC, LSB	Unid radio amateur sending: SHAME UKRAINE ADMINISTRATION - SHAME RUSSIA-INTRUDERS ON OUR EXCLUSIVE AMATEUR BAND
7055 kHz, 30-08, 1330 UTC, LSB	Excerpts from radio programs in Russian/Ukrainian. Music
7055 kHz, 30-08, 1600 UTC, LSB	Excerpts from radio programs in Russian/Ukrainian. Various stations on top of each other
7055 kHz, 30-08, 1700 UTC, LSB	Looped transmission consisting of short phrases in Russian
7055 kHz, 31-08, 1700 UTC, LSB	Rock music
7055 kHz, 31-08, 1706 UTC, CW	Unid radio amateur sending: UKRAIN BREAK INTERNATIONAL AMATEUR RIGHTS SO KICK OUT UKRAIN UARL FROM IARU

Target: Afghanistan

On August 15th, the day the Taliban captured Afghanistan's capital Kabul, Afghanistan International TV was launched. The station belongs to Volant Media UK Ltd., the parent company of Iran International TV. The station transmits on 7600 kHz and is targeted to Afghanistan.

7600 kHz, 18-08, 2018 UTC, AM

Afghanistan International TV. Loop transmission which includes the voices of four US presidents talking about the Taliban.

George W. Bush: "The Taliban regime is coming to an end"

Barack Obama: "America's war in Afghanistan will come to a responsible end."

Donald Trump: "The Afghan soldiers are doing the fighting. We are training as we are working with them."

Journalist: "Is the Taliban takeover of Afghanistan now inevitable? Joe Biden: "No."

7600 kHz, 30-08, 1715 UTC, AM

Spoken program in a local language. Taliban was mentioned often.



Target: Turkey**11530 kHz, 28-08, 1400 UTC, AM**

Radio Denge Welat. Kurdish program targeted to Turkey

Target: Pakistan/Afghanistan border area**12035 kHz, 28-08, 1418 UTC, AM****13800 kHz, 28-08, 1433 UTC, AM****15640 kHz, 28-08, 1440 UTC, AM**

VoA Radio Deewa. Program on Pashto to Pakistan/Afghanistan Border Region

Target: Iran**12005 kHz, 28-08, 1422 UTC, AM**

Radio Farda (RFE/RL). Program in Persian targeted to Iran

Target: Cuba**13605 kHz, 28-08, 1430 UTC, AM**

Radio Marti. Station id, jingles. Program in Spanish targeted to Cuba

UTILITY ROUND-UP**PROMRÖ****4735 kHz, 03-08, 0700 UTC**

VVVVV PROMRÖ = 03 08 =

1000 0560 0590 0700 1130

1200 0580 0610 0720 1170

1400 0570 0600 0700 1160

1600 0550 0570 0680 1060

1800 0550 0570 0670 0950

2000 0630 0650 0740 1020

2200 0590 0620 0700 0970

2400 0470 0490 0560 0760

0200 0400 0410 0470 0640

0400 0350 0360 0410 0600

0600 0420 0450 0450 0770

0800 0510 0540 0640 0990

= ABV

VVVVV PROMRÖ = 03 08 =

1000 0560 0590 0700 1130

1200 0580 0610 0720 1170

1400 0570 0600 0700 1160

1600 0550 0570 0680 1060

1800 0550 0570 0670 0950

2000 0630 0650 0740 1020

2200 0590 0620 0700 0970

2400 0470 0490 0560 0760

0200 0400 0410 0470 0640

0400 0350 0360 0410 0600

0600 0420 0450 0450 0770

0800 0510 0540 0640 0990

= AR

4735 kHz, 08-08, 0705 UTC**Late start.**

VVV VVV PROMRÖ = 08 08 =

1000 0570 0610 0720 1130

1200 0580 0610 0720 1170

1400 0570 0600 0710 1160

1600 0550 0580 0690 1170

1800 0550 0580 0680 0960

2000 0640 0670 0760 1040

2200 0600 0620 0710 0980

2400 0470 0490 0560 0760

0200 0410 0430 0480 0650

0400 0360 0370 0420 0570

0600 0420 0450 0530 0780

0800 0520 0550 0560 0980

= ABV

VVV VVV PROMRÖ = 08 08 =

1000 0570 0610 0720 1130

1200 0580 0610 0720 1170

1400 0570 0600 0710 1160

1600 0550 0580 0690 1170

1800 0550 0580 0680 0960

2000 0640 0670 0760 1040

2200 0600 0620 0710 0980

2400 0470 0490 0560 0760

0200 0410 0430 0480 0650

0400 0360 0370 0420 0570

0600 0420 0450 0530 0780

0800 0520 0550 0560 0980

= AR

4735 kHz, 10-08, 0700 UTC

VVVVV PROMRÖ = 10 08 =

1000 0570 0610 0720 1130

1200 0580 0610 0720 1170

1400 0570 0600 0710 1160

1600 0550 0590 0690 1070

1800 0550 0580 0680 0970

2000 0640 0660 0760 1040

2200 0590 0610 0700 0970

0000 0470 0490 0550 0760

0200 0410 0420 0480 0650

0400 0360 0370 0420 0580

0600 0420 0450 0530 0770

0800 0520 0550 0660 0980

= ABV =

VVVVV PROMRÖ = 10 08 =

1000 0570 0610 0720 1130

1200 0580 0610 0720 1170

1400 0570 0600 0710 1160

1600 0550 0590 0690 1070

1800 0550 0580 0680 0970

2000 0640 0660 0760 1040

2200 0590 0610 0700 0970

0000 0470 0490 0550 0760

0200 0410 0420 0480 0650

0400 0360 0370 0420 0580

0600 0420 0450 0530 0770

0800 0520 0550 0660 0980

= AR

4735 kHz, 11-08, 0700 UTC

VVV VVV PROMRÖ = 11 08 =

1000 0570 0610 0720 1130

1200 0580 0610 0730 1170

1400 0570 0600 0710 1150

1600 0550 0580 0690 1060

1800 0550 0580 0680 0960

2000 0640 0660 0750 1040

2200 0580 0610 0700 0960

0000 0460 0480 0550 0750

0200 0400 0420 0470 0640

0400 0350 0370 0420 0570

0600 0420 0450 0530 0770

0800 0520 0550 0660 0980

= ABV

VVV VVV PROMRÖ = 11 18 =

1000 0570 0610 0720 1130

1200 0580 0610 0730 1170

1400 0570 0600 0710 1150

1600 0550 0580 0690 1060

1800 0550 0580 0680 0960

2000 0640 0660 0750 1040

2200 0580 0610 0700 0960

0000 0460 0480 0550 0750

0200 0400 0420 0470 0640

0400 0350 0370 0420 0570

0600 0420 0450 0530 0770

0800 0520 0550 0660 0980

= AR

4735 kHz, 12-08, 0700 UTC
VVVVV PROMRÖ = 12 08 =
1000 0570 0600 0720 1130
1200 0570 0610 0720 1170
1400 0560 0590 0700 1150
1600 0550 0580 0690 1060
1800 0550 0570 0670 0960
2000 0630 0660 0750 1040
2200 0580 0600 0690 0960
2400 0460 0480 0540 0740
0200 0400 0410 0460 0630
0400 0350 0360 0420 0570
0600 0420 0440 0530 0770
0800 0510 0550 0650 0980
= ABV =
VVVVV PROMRÖ = 12 08 =
1000 0570 0600 0720 1130
1200 0570 0610 0720 1170
1400 0560 0590 0700 1150
1600 0550 0580 0690 1060
1800 0550 0570 0670 0960
2000 0630 0660 0750 1040
2200 0580 0600 0690 0960
2400 0460 0480 0540 0740
0200 0400 0410 0460 0630
0400 0350 0360 0420 0570
0600 0420 0440 0530 0770
0800 0510 0550 0650 0980
= AR

4735 kHz, 15-08, 0700 UTC
VVV VVV PROMRÖ = 15 08 =
1000 0570 0600 0720 1130
1200 0560 0600 0710 1160
1400 0550 0590 0700 1150
1600 0540 0580 0690 1060
1800 0540 0560 0660 0950
2000 0620 0650 0740 1020
2200 0570 0600 0680 0960
0000 0440 0460 0530 0720
0200 0390 0390 0450 0610
0400 0340 0350 0410 0560
0600 0410 0430 0520 0760
0800 0510 0540 0650 0970
= ABV
VVV VVV PROMRÖ = 15 08 =
1000 0570 0600 0720 1130
1200 0560 0600 0710 1160
1400 0550 0590 0700 1150
1600 0540 0580 0690 1060
1800 0540 0560 0660 0950
2000 0620 0650 0740 1020
2200 0570 0600 0680 0960
0000 0440 0460 0530 0720
0200 0390 0390 0450 0610
0400 0340 0350 0410 0560
0600 0410 0430 0520 0760
0800 0510 0540 0650 0970
= AR

4735 kHz, 19-08, 0700 UTC
VVVV PROMRÖ = 19 08 =
1000 0550 0590 0710 1120
1200 0540 0580 0710 1160
1400 0540 0580 0690 1140
1600 0530 0570 0680 1060
1800 0530 0560 0660 0950
2000 0610 0640 0730 1000
2200 0570 0570 0660 0930
2400 0430 0450 0510 0700
0200 0370 0380 0430 0590
0400 0340 0350 0400 0540
0600 0400 0420 0510 0750
0800 0490 0520 0630 0970
= ABV =
VVVV PROMRÖ = 19 08 =
1000 0550 0590 0710 1120
1200 0540 0580 0710 1160
1400 0540 0580 0690 1140
1600 0530 0570 0680 1060
1800 0530 0560 0660 0950
2000 0610 0640 0730 1000
2200 0570 0570 0660 0930
2400 0430 0450 0510 0700
0200 0370 0380 0430 0590
0400 0340 0350 0400 0540
0600 0400 0420 0510 0750
0800 0490 0520 0630 0970
= AR

4735 kHz, 31-08, 0700 UTC
VVV VVV PROMRÖ = 3108 =
0000 0560 0600 7300 1110
1200 0560 0590 0710 1150
1400 0550 0580 0700 1130
1600 0550 0580 0700 1040
1800 0530 0560 0660 0950
2000 0600 0620 0710 0990
2200 0540 0560 0650 0910
0000 0430 0440 0500 0690
0200 0360 0370 0430 0580
0400 0330 0340 0400 0540
0600 0330 0410 0500 0730
0800 0500 0530 0640 0940
= ABV
VVV VVV PROMRÖ = 3108 =
0000 0560 0600 7300 1110
1200 0560 0590 0710 1150
1400 0550 0580 0700 1130
1600 0550 0580 0700 1040
1800 0530 0560 0660 0950
2000 0600 0620 0710 0990
2200 0540 0560 0650 0910
0000 0430 0440 0500 0690
0200 0360 0370 0430 0580
0400 0330 0340 0400 0540
0600 0330 0410 0500 0730
0800 0500 0530 0640 0940
= AR

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
01-08	0404	Sandwich	30 chr EAM 27Q3BO ZSQB4WT5I2VKOFCVC36BJ72U
01-08	1933	Sandwich	30 chr EAM TOFETC OLCPCZP2CDGC4WHHXDFK4DHY
01-08	2032	Sandwich	30 chr EAM TOWNDF EY2EAYVDAJSQLEFZUV4JFECR
03-08	1537	Genetic	54 chr EAM 27RSQL T2UKNERKBSZP6YOAEBPINEIXBYNYS7HINODT3YINHHDL5BQ
03-08	1553	Genetic	30 chr EAM 275HZ4 6HFPVYZ5EGHSGLEHUNPWTRC
03-08	1612	Genetic	30 chr EAM TOSWV5 34ZHLA6HL2YC6HT5DTXUBTGQ
03-08	1637	Genetic	30 chr EAM TOHNM6 NTHBNBGV5CVOQXGV3ZYJ7BZG
03-08	1641	Genetic	30 chr EAM TOBKNQ PF3J2UHWJQF2DRVMKWIFQZCK
03-08	1817	Genetic	54 chr EAM WET2IB ZIR4BNEI7ZEKLNQFOSMXN2JDD2FRU4U644QQQQ3BKWUKKVE
03-08	1822	Genetic	54 chr EAM WET2IB ZIR4BNEI7ZEKLNQFOSMXN2JDD2FRU4U644QQQQ3BKWUKKVE
04-08	0520	Firedome	30 chr EAM TO5DHT W5U3TDISORGIQE6FFWBXLFTD
04-08	0531	Firedome	30 chr EAM TOMN3G JWR2G3RCOSFA25TJDGD7OBGH
04-08	0533	Firedome	30 chr EAM TO5DHT W5U3TDISORGIQE6FFWBXLFTD
04-08	0559	Firedome	30 chr EAM TON6RL QMXRJMVMYOYILCND4L2EGJA
04-08	0602	Firedome	30 chr EAM TOYPHJ ME3Y6XX4KPILH6NNRNBKXZL
04-08	0604	Firedome	30 chr EAM TOAD4Z 2TGYVNHGDWYAPV65AA7CI3JP
04-08	0607	Firedome	30 chr EAM TOFWCI NPEQH6IFGJQHLH53ZFJRVYBX
04-08	0610	Firedome	30 chr EAM TORO2J 6HZPFOGMCBAE4YDCFEVTIWBH
04-08	0642	Firedome	30 chr EAM BXKYL6 3VEYFU6WFSSLYDNLULRKBJFA
04-08	1203	Firedome	30 chr EAM for Zerta? 27TSPL GUKFZ2W5MWNCCRS3LXOONBIJ
04-08	1219	Firedome	30 chr EAM for Zerta? 27FUJ7 KG6E2AXJDGPNMF5UOFTLILOJ
04-08	1240	Firedome	30 chr EAM for Zerta? 274ROS SRC5ORZIZHAKFX2MZCISLLSL
04-08	1517	Firedome	30 chr EAM BXV52Y MD7MKOSPIUUBLG3XJ43QPWNY
04-08	1603	Firedome	30 chr EAM for Coir 27IRAF BT7X2JUPWWJDR2JAUMDGNN4C
04-08	1832	Firedome	30 chr EAM BX3B56 3D7NEGOSM4LLOGFNHXPB6T
04-08	2003	Firedome	30 chr EAM for Coir 27D7IS 2HRYDL6GJ634NZCCB2VXXJNZ

06-08	0443	Accompany	54 chr EAM 27YWQM AGIEM5PLDGYVCQHUFUJKHFU6BMH DU7WPQQWKPMH6U7DRLSJYD
06-08	1339	Accompany	37 chr EAM 27JEPA BHYOOHUIDPOZM6QQKXVUHC GAPHFAE6F
07-08	1417	Parts Kit	29 chr EAM BXNM3B KRIEWAKWXEQG7XXNG6XZH7T no repeat
08-08	1634	Personify	30 chr EAM BXJH2P HQDFM7R3QCLLRYEBDAPWZGOT
08-08	1935	Personify	30 chr EAM BX2ME3 ZQFPS6VV6VEX5TUWDDP6WJ47
08-08	2032	Personify	30 chr EAM BXSYPM ZFLF7GLLQL2KNVNENFEN2UZH
09-08	1718	Soft Coal	164 chr EAM WE6PEM XS4XVO6YWCCA3ZET6EIKQISWIPK DCHDDE7RRRRRCX43FP7RJGVBCJBBDTCCCCW JHPSX4Q4L2A37AU7UJXXX374VGZAA5QGZK7EZECFFFDYSGWGYXWJ6MNGUZURMMMM B7X6ZNNWMM4WGGYEW6WWWWTVB4Y242N
09-08	1948	Soft Coal	30 chr EAM BXHK4J XM4N3LRU75PYM73Y57IYOQWS
10-08	1832	Horn Rack	30 chr EAM BXY5CL FYP4RPBLPWAYCJ K26ZQ5JHYG
10-08	1904	Horn Rack	30 chr EAM BXZJDE ULKWK3Y4XEGOO55QUVPJ76Z
10-08	1907	Horn Rack	30 chr EAM BXIVSN OL2R7TCJCOJ4KNF7ZBQGT FDP
10-08	1914	Horn Rack	30 chr EAM BXUAUJ NZ43QLYJ7UOKCFWJZA4W7ELK
10-08	1917	Horn Rack	30 chr EAM BXB6WR 6373LC7EEOA22T364F2QADHS
10-08	1920	Horn Rack	30 chr EAM BXS LC7 PNGALQTI6ADPUYSM2OROX6N7
10-08	2134	Horn Rack	30 chr EAM for Hula Dance? 27VGFY YAZXEGDGLHCCWWX5E5JDYWEU
10-08	2232	Horn Rack	37 chr EAM 27SMXG 4TDA6V5PZ4BZXCX3GGCJEG3CX63D2Z6
11-08	1208	Colourful	30 chr EAM for Pants 27KXI2 UIRV4JTZMEN4OG4KES773ZKC
11-08	1218	Colourful	30 chr EAM for Pants 276KQ6 X4KMOPJ7VYZZNPDSFAODBCNH
11-08	1235	Colourful	30 chr EAM for Honky Tonk for Pants 272JCF G7BCQYWFYKFYBVAF2ONL77U4
11-08	1246	Colourful	30 chr EAM for Honky Tonk 27NLKL 6TN6WUX24Q546JHDW3NDDOIA
11-08	1302	Colourful	30 chr EAM for Honky Tonk 27M46O JZIT6QVY55WYDWPRYNHOIBQJ
11-08	1316	Colourful	30 chr EAM for Honky Tonk 272HKY CPTGVXXBXF5UV3L2EDF54GKA
11-08	1630	Colourful	30 chr EAM for Man for Midday 27OL3D VGUPPRO7DUFHIPXKEOBTXYIE
11-08	1647	Colourful	30 chr EAM for Midday 273EMD VATYIXYJ3F37QYL5RYUE6Z43
11-08	1717	Colourful	30 chr EAM 27PNQ7 DHI46CAWPB5IMI25BXIC6IYM
11-08	1723	Colourful	37 chr EAM 273LMG G74CVM57MBP353NLBXNXBIEIU2LWZV
11-08	1732	Colourful	30 chr EAM for Midday 273KYY GZPT7QCUJKOY2X5J7SCZF4B5
11-08	1802	Colourful	30 chr EAM for Midday 27XHRW LBTTEMP4AXT26Y3TXNEENSKV
11-08	1816	Colourful	30 chr EAM for Midday 27KW52 UG4F4N3P4ZXMGXJJ23GS7EIW
11-08	2003	Colourful	30 chr EAM for Man 27J4WC VCZYE6FTVNHJPWJAGAMUGIR
12-08	1006	Broad Beam	30 chr EAM for Confide 27JBZT USB5WPBGMVU2MJ3NOIAJT6U7
12-08	1020	Broad Beam	30 chr EAM for Confide 27JZWZ TATLYJDWEFNMBUCHD3LN7UED
12-08	1034	Broad Beam	30 chr EAM for Confide 27Y2D7 XQVQPWIJB3L2IVKUBSKPJ CIV
12-08	1034	Broad Beam	30 chr EAM 37IOTQ 5SOI5DH33AVN3KGZIVOG4Y7P
12-08	1157	Broad Beam	30 chr EAM for Confide 37K5WG 4N7J4INNLZKABEQOTOLG5322
12-08	1214	Broad Beam	30 chr EAM for Confide 37SHXU HWMO7ML3C67MUEHKVJNBMZAN
12-08	1659	Broad Beam	30 chr EAM BXA FX7 EHAPKCFWUSYHUMYVVJ7YUF4Q
12-08	1703	Broad Beam	30 chr EAM for Cutler 37P7HN RFP5FFI2XYE2X6YN224YBAOI
12-08	1707	Broad Beam	30 chr EAM BXA FX7 EHAPKCFWUSYHUMYVVJ7YUF4Q
12-08	1709	Broad Beam	30 chr EAM BXS6B6 KL3CVODUFYX2BUX5ZW7KSOJD
12-08	1712	Broad Beam	30 chr EAM BXVTPX 7AKBH6T7XS7ETJZLLDFARN3
12-08	1729	Broad Beam	30 chr EAM BXA FX7 EHAPKCFWUSYHUMYVVJ7YUF4Q
12-08	1732	Broad Beam	30 chr EAM BXS6B6 KL3CVODUFYX2BUX5ZW7KSOJD
12-08	1734	Broad Beam	30 chr EAM BXVTPX 7AKBH6T7XS7ETJZLLDFARN3
12-08	1751	Broad Beam	30 chr EAM BXXFDF 7GP7BS6QAIWBNK4WDZ34VAKQ
12-08	1753	Broad Beam	30 chr EAM BXTMXK LBSUIRZOJ4I627I52J4WIEFX
12-08	1823	Broad Beam	30 chr EAM BXHVU6 GI7UF5YGNJY23ZDBHZAN5YWF
12-08	2311	Broad Beam	30 chr EAM BXFWFI ZCNXGIA3IXS43X4SHU2BNOPZ
13-08	0512	Ricochet	30 chr EAM BXZSCS I4VP45TSPIKH5UOEYXVCLAFI
13-08	1410	Ricochet	30 chr EAM for ? 3756KH M4GTXV55O62AZBAO4DH2ORTT
13-08	1705	Ricochet	30 chr EAM BX7VVV NPIBSWWIOOVIRYK3IU73NYC2
13-08	1711	Ricochet	30 chr EAM BXYU4H HDR7C7LXSGWC3IMZUY2DEURQ
13-08	1729	Ricochet	30 chr EAM BXYU4H HDR7C7LXSGWC3IMZUY2DEURQ
13-08	1732	Ricochet	30 chr EAM BX7VVV NPIBSWWIOOVIRYK3IU73NYC2
13-08	1753	Ricochet	30 chr EAM BXTLUA D3SDE3NEAFABDZIS76QCWYH7
13-08	1759	Ricochet	30 chr EAM BX457E BWPYGRICA7A22HWF2CH7SRUJ
13-08	1831	Ricochet	30 chr EAM BX457E BWPYGRICA7A22HWF2CH7SRUJ
13-08	1834	Ricochet	30 chr EAM BXTLUA D3SDE3NEAFABDZIS76QCWYH7
13-08	1836	Ricochet	30 chr EAM BX7VVV NPIBSWWIOOVIRYK3IU73NYC2

13-08	1838	Ricochet	30 chr EAM BXH72N CGBQVIQ2HWCD2NM54FGFHXP
13-08	1854	Ricochet	30 chr EAM BXFI6E NPTE25SGTXKPP77IY52KGHU
13-08	1859	Ricochet	30 chr EAM BXH72N CGBQVIQ2HWCD2NM54FGFHXP
13-08	1946	Ricochet	30 chr EAM BXTZE3 3ZSWP23TXUQAQL6MWUNGI76F
14-08	1736	Smoke Pot	30 chr EAM BX5JVH FHK7WMLCEUSNHO7DAFLEN7ZC
14-08	1832	Smoke Pot	30 chr EAM BXRTHG CGIZSECGUN7LM3XSDT6XVCEO
14-08	2033	Smoke Pot	30 chr EAM BXC62 LIB2XHLXLSZ4VMI6UWSMAHD
15-08	1512	Flawless	30 chr EAM for Acid-71 37GO4Q 3CCVS6SPYV7SA7ORKLYVO2VW
16-08	1326	Geometric	30 chr EAM 37HS4G 4UI2PO2MJ3FNHT3YNHXJGDIP
16-08	1424	Geometric	30 chr EAM BX3NVO SLJGBUFKZP3IOLQNC4YZQ43J
16-08	1427	Geometric	30 chr EAM BXWTYS ZS43Y2243XTUSML4ALCUANZJ
16-08	1600	Geometric	30 chr EAM BXP4N3 WVET4OZ42KBA3MF6NOKBP2AZ
16-08	1611	Geometric	30 chr EAM BXQLIB KKDPRBTRQ2QQRHYI4NYCTSLV
16-08	1733	Geometric	30 chr EAM for Expressman 37YWRE N665ORAF3JLAWXBA2QYFQ5CX
16-08	1737	Geometric	30 chr EAM for Expressman 37YWRE N665ORAF3JLAWXBA2QYFQ5CX
16-08	1932	Geometric	30 chr EAM for Expressman 376ZLE HNEYXNBLG5ZRUBDQL4GUOS43
16-08	2032	Geometric	30 chr EAM BXHR36 BSBVLOYBPNME6KJBFLWPLZKG
18-08	1617	Day Feast	30 chr EAM 37C3CV GDBEUNBZVTMVQLYL3PTVOKK5
18-08	1643	Day Feast	30 chr EAM for Ambrosia 37Q6BO 2WIV6J6CEMKLWNS4EHXZEPLZ
18-08	1657	Day Feast	30 chr EAM for Ambrosia 37P6LS I5P3KJQPIHH3CTB252T2DTBL
18-08	1726	Day Feast	30 chr EAM for Ambrosia 37H4HL 2QR3KIRXSR5HCXPBYLIQZ3XL
18-08	1817	Day Feast	30 chr EAM for Ambrosia 37OWSY EAJ32HLRB2RIBZZIEASAGX7T
18-08	1835	Day Feast	19 chr EAM 37A47O RR5DXRRYQNWYD
18-08	2002	Day Feast	30 chr EAM for Nifty? 37HIGQ EFBCNGUGLAD6H43EOMTA7LFA
18-08	2013	Day Feast	30 chr EAM BX7YQW RALLZ4DWDXEM7MXW5RY4JQAV
18-08	2103	Day Feast	30 chr EAM BXJWIM CH5BIXPO3YEHZHTP37NY7TZE
19-08	1710	Audio Kit	66 chr EAM 37AWRL 4OY67XDYBK5BDEMYVDSMYVRG- BAE62SNG5QA4BAEF2IVYAP4BAGQ26LBPFGN
19-08	1802	Audio Kit	66 chr EAM 37AWRL 4OY67XDYBK5BDEMYVDSMYVRG- BAE62SNG5QA4BAEF2IVYAP4BAGQ26LBPFGN
19-08	1809	Audio Kit	30 chr EAM BXFMZU 3BP7EQ5CGQWJWZGSFUOYU46E
19-08	1830	Audio Kit	30 chr EAM BXFMZU 3BP7EQ5CGQWJWZGSFUOYU46E
19-08	1833	Audio Kit	37 chr EAM 37OMHN I3Q5KTKIZXL7YDRRRROMPKFIY44RDXT
19-08	1835	Audio Kit	71 chr EAM 373VWW CGCVWQX2HRJO7VSEJDA- SEJ6ASEJ2E3JYD227RBJQBT6S42JEG3XHBT6MM2ZUGOBPG
21-08	1222	Shoe Gum	30 chr EAM BXXDKG JPB6YX7HWKZILNQLLVPSA4QU
21-08	1932	Shoe Gum	30 chr EAM BXKNNX VGKVXUZHSAURIBLNQPBNDZOR
22-08	1715	Firebrat	164 chr EAM WEND3S RRXE345Y4RFVEXSW7SXZIDO5DFDHTQUTTPGHHHHEW13YSAEFVMVJZVVQ7XXXX AYTA3PUSUKUVHYVEYECCCCNG54EYAAV2TRYKPRPQ2222NXEFKY6RKAJPOUUVLV3GGGGYW HWFCC3NNXZRR7WZGVVVV2QIHRZHZC
22-08	1834	Firebrat	164 chr EAM WEG3X4 6VI7CW5LAGCAFILBELFWDUNIUAUT6JE66AKSSSSV4VUE2P4I3DK34KKG7PPPOB GPTANONHQQ7MO2M2DDDDCWG5QFKKRAWF5DOFOH7777VWHQISKIRKDCCHIZ6RRRR CX43IFFJ77VBCCJUBDCCCCWJORKWRWE
23-08	1847	Ant Trail	30 chr EAM BXB5ZR U56FTVUDCNVD3X5YCLIAJSLX
23-08	1930	Ant Trail	30 chr EAM BXU7CY SPRERYE2RXZZT25XNFFN6QGW
23-08	1934	Ant Trail	30 chr EAM BXMP3J BBK6JXYIAPIEAJBYNF4GJSL
23-08	1937	Ant Trail	30 chr EAM BXGBEA 3HO7NYPV3VNFMQF3J4J2THRQ
23-08	1940	Ant Trail	30 chr EAM BXU7CY SPRERYE2RXZZT25XNFFN6QGW
24-08	0651	Waistcoat	30 chr EAM BXM7TF EHS3J537BJ45FFE7RNDAPG
24-08	1233	Waistcoat	30 chr EAM for Whist Boil? 37U7GZ W5BOKHLRMKF5CSKFIFBBVHMU
24-08	1243	Waistcoat	30 chr EAM for Whist Boil? 377OZP SQJOGKACMSQYOW7T64FB343R
24-08	1823	Waistcoat	59 chr EAM 37NPLV ASVFRU4KZIT7DXZ7MPXZ7UPAMKBXR22GGGI2TMM4R223GC5PFGVT
24-08	1828	Waistcoat	30 chr EAM 37C5FX C65DHONLG4MGV3UWA7PAOJNZ
24-08	1832	Waistcoat	30 chr EAM 372VZF 2FG62T3YRFW66B6UIUQEB44C
24-08	1836	Waistcoat	30 chr EAM BXOPFD UC4NVW7KEQKDRMZOJTBXUY3H
26-08	1233	Orthodox	30 chr EAM for Forty Niner 37BSKO DNZQALEY25BI2TPPH2WPTYZX
26-08	1247	Orthodox	30 chr EAM for Forty Niner 376RUC RU4WOAL467Y5MBCKW3N7Z62X
26-08	1302	Orthodox	30 chr EAM for Forty Niner 37SPFE FKHFMWOI2ACPHWRSDEAAYF2Y
26-08	1317	Orthodox	30 chr EAM for Forty Niner 37LTPS NP2VDE7TCIMKJSTQEZR6F47Z
26-08	1503	Orthodox	30 chr EAM 37N2YV BTSQH62OQQH3DHDDLQVJZ6S4

26-08	1524	Orthodox	30 chr EAM BXBSZU DQVT2JOO7JRS4RTHVLGHUENB
26-08	2017	Orthodox	30 chr EAM BXFBPQ 6YPCVBYJQEK5KP7VB44MUZCR
29-08	1421	Crash Car	30 chr EAM BXSKI4 3CDYCBX6DIHRH4MMV2RG2OZF
29-08	1429	Crash Car	30 chr EAM BXSKI4 3CDYCBX6DIHRH4MMV2RG2OZF
29-08	1439	Crash Car	30 chr EAM BXHTO4 2JGB2AJJ6KRISUACRXXG3WFO
29-08	1443	Crash Car	30 chr EAM BXTR3H GTRHGLHCZ5SUEJOQ3BIZ3A4R
29-08	1632	Crash Car	30 chr EAM BXAHV7 Z63KOMTQ53ECUGBHTBJQXBS6
29-08	1832	Crash Car	30 chr EAM BXPANA TR227V6AEKVPOM4D3NHFI67E
30-08	0628	Advantage	224 chr EAM WEEYAE AYYVQZCTMXUZ3JIINVCFYPS4SCLA2UAP366SXXX374VGAGBEQGEZOKXKEFFFDY SGWYWTZJ6UMQN2LGMMMMB7X6NIN3ZP4KWHYKWHWWWWWTVB4KQCDOX4NTPQMIA FZSHHVIM4AWLLWA5ZZZZPALUSPSH63NOQCCQORZZZN3SXXNQNNFRU444UVQQQQ3 BOYEREE3E7OCDOSOASSSE2C7GEUBT
30-08	1400	Advantage	30 chr EAM BXNT33 34RRJZIW7VGX2IXWHMWVEPG
30-08	1429	Advantage	30 chr EAM BXNT33 34RRJZIW7VGX2IXWHMWVEPG
31-08	2057	Snowball	30 chr EAM BXZ3SA BQDJHC2DS4XCTWKJN7IKMSQJ
31-08	2100	Snowball	30 chr EAM BXZ3SA BQDJHC2DS4XCTWKJN7IKMSQJ
31-08	2217	Snowball	30 chr EAM BX2YXB AOXIOWGXR77A2O2NEAQA2Z4L

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, F5JBR

Strategic messages

10452 kHz, 11-08, 1558 UTC XXX XXX 9XOW 9XOW 45410 47577 WZBUHANXE 5843 7408 K
12158 kHz, 13-08, 1002 UTC XXX XXX H7Q6 H7Q6 17570 VANROBOEC 8731 7605 K
10452 kHz, 18-08, 1412 UTC XXX XXX XHOP XHOP 49659 33246 KANON 3730 9845 K
12593 kHz, 18-08, 0900 UTC XXX XXX XHOP XHOP 25085 AWARIJNYJ 7132 4123
12593 kHz, 18-08, 0910 UTC XXX XXX 9XOW 9XOW CDI5 CDI5 91276 91851 FORSOMAG 5207 1013 PASSOBXEF 2374 7766
12593 kHz, 18-08, 0901 UTC XXX XXX JWB1 JWB1 LNN7 LNN7 2990. 60146 9903. ROTODER 3169 5643
12593 kHz, 18-08, 1010 UTC XXX XXX XHOP XHOP 62650 POLZUChESTX 0045 6024 GAZELX 8194 3158
12593 kHz, 18-08, 1035 UTC XXX XXX XHOP XHOP 80106 ITOGOKAP 0680 0280
12593 kHz, 18-08, 1108 UTC XXX XXX GVFL GVFL 38015 67884 072 = DDDDD ZYAGN CVBNO WMYKJ ... YaYaWW = K
12593 kHz, 18-08, 1210 UTC XXX XXX 24YO 24YO 74048 LUCKOSNEG 1263 3738
12593 kHz, 18-08, 1214 UTC XXX XXX 24YO 24YO 74048 LUCKOSNEG 1263 3778 (correction of 1210z)
12593 kHz, 18-08, 1220 UTC XXX XXX KFXB KFXB H7Q6 H7Q6 80885 008887 48815 GUNNOLARX 9816 7045
12593 kHz, 18-08, 1224 UTC XXX XXX XHOP XHOP 37904 OPOROKUST 8316 1211
12593 kHz, 18-08, 1400 UTC XXX XXX DQJG DQJG 55045 KONOKOWch 0585 1214
12593 kHz, 18-08, 1404 UTC XXX XXX XHOP XHOP 33246 KANON 3730 9845
11116 kHz, 24-08, 1130 UTC XXX XXX TEKhNICHESKAYa PROWERKA 540 K
8136 kHz. 25-08, 0800 UTC RBL88: XXX TEKhNICHESKAYa PROWERKA 592 K //7564 kHz
7564 kHz, 25-08, 0800 UTC RBL88: XXX TEKhNICHESKAYa PROWERKA 592 K //8136 kHz
8136 kHz, 25-08, 0802 UTC RBL88 wkg RFN69 RFN77 RBL90 RGR99. XXX TEKhNICHESKAYa PROWERKA 592 K
RFN69, RFN77, RGR99 and RBL90 acknowledge receipt
7674 kHz, 25-08, 0759 UTC RGT77: XXX 82QI 0085 4476 BESNOWATYJ 2708 7260 K

Russian military morse transmissions

M32 - Russian Military

10452 kHz, 11-08, 1423-1450 UTC. Encrypted traffic and short FSK-CW messages

RDL RDL RDL 23607 29745 23607 29745 23607 29745 K
RDL RDL RDL 63206 81260 63206 81260 63206 81260 K
RDL RDL RDL 74538 13825 74538 13825 74538 13825 K
RDL RDL RDL 23607 29745 23607 29745 23607 29745 K
RDL RDL RDL 69285 85308 69285 85308 69285 85308 K
RDL RDL RDL 74538 13825 74538 13825 74538 13825 K
RDL RDL RDL 83519 95935 83519 95935 83519 95935 K
RDL RDL RDL 53737 99473 53737 99473 53737 99473 K

RDL RDL RDL 95261 04778 95261 04778 95261 04778 K
RDL RDL RDL 32726 23961 32726 23961 32726 23961 K

11116 kHz, 24-08, 0937 UTC	RDL RDL RDL 58826 48669 58826 48669 58826 48669 K
11116 kHz, 24-08, 0949 UTC	RDL RDL RDL 27553 91766 27553 91766 27553 91766 K
11116 kHz, 24-08, 0957 UTC	RDL RDL RDL 82010 07105 82010 07105 82010 07105 K
11116 kHz, 24-08, 0959 UTC	RDL RDL RDL 74431 30010 74431 30010 74431 30010 K
11116 kHz, 24-08, 1007 UTC	RDL RDL RDL 29288 26930 29288 26930 29288 26930 K
11116 kHz, 24-08, 1035 UTC	RDL RDL RDL 63674 72589 63674 72589 63674 72589 K
11116 kHz, 24-08, 1137 UTC	RDL RDL RDL 96124 33529 96124 33529 96124 33529 K
11116 kHz, 24-08, 1200 UTC	RDL RDL RDL 12433 52996 12433 52996 12433 52996 K
11116 kHz, 24-08, 1243 UTC	RDL RDL RDL 31385 39265 31385 39265 31385 39265 K
11116 kHz, 24-08, 1254 UTC	RDL RDL RDL 70603 31651 70603 31651 70603 31651 K
11116 kHz, 24-08, 1306 UTC	RDL RDL RDL 54208 76741 54208 76741 54208 76741 K
11116 kHz, 24-08, 1315 UTC	RDL RDL RDL 59179 57188 59179 57088 59179 57088 K
11116 kHz, 24-08, 1315 UTC	RDL RDL RDL 20322 19706 20322 19706 20322 19706 K
11116 kHz, 24-08, 1324 UTC	RDL RDL RDL 78119 07471 78119 07471 78119 07471 K
11116 kHz, 24-08, 1335 UTC	RDL RDL RDL 38751 73647 38751 73647 38751 73647 K
11116 kHz, 24-08, 1347 UTC	RDL RDL RDL 61556 67517 61556 67517 61556 67517 K

11136 kHz, 14-08, 0445 UTC

LDBO LDBO LDBO QTC 284 25 14 T73T 284 = 399 =
BVCEK CBQChYa DDDTED VRChOT CYIchR ChGDPE IBUS BDVHShch KLSHsk
YaWPZZ YaVVMF ShchGNDQ PPAGB VChEFCh QALCE CQTWB WVVWFShch CWNBI
AWOChY CQYYaO TPSUM GTYaGG YaRPWW 118 AR

12593 kHz, 19-08, 0805 UTC

VVVV
47W6 47W6 47W6 QTC ZGZ AR
47W6 47W6 47W6 QTC ZGZ AR
47W6 47W6 47W6 QTC ZGZ AR
TWSK TWSK TWSK
922 24 19 1106 922 = ZGZ 811 =
DDDDD ChFZIF FCFCs YaKRBB WYaZAU YaKRBB WYaZAU YaKRBB
WYaZAU HDRYM GZShVR BBAVB UDEChT PDCMW QLFLH GWISHM
IZDWSh ATDOE DYaIKO ZCYEch YaOPWP 190 K

12593 kHz, 19-08, 0808 UTC

QT9S QT9S QT9S DE TWSK TWSK R 922 ? K
P38G P38G P38G DE TWSK TWSK R 922 ? K
5FWZ 5FWZ 5FWZ TWSK TWSK R 922 ? K

12593 kHz, 19-08, 1010 UTC

5FWZ 5FWZ 5FWZ DE TWSK TWSK R 922 ? K
TWSK = TWSK 922 24 19 1106 922 K

M32a - Russian Navy

8345 kHz, 24-08, 1508 UTC. RMHW wkg RIT: Baltic Fleet

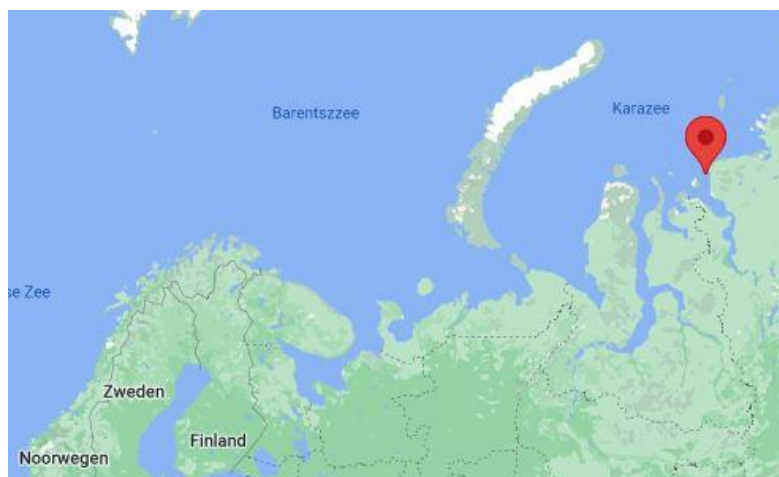
QTC SML 613 16 24 1803 613 = FOR RJH74 RJH45 =
24151 99732 10804 41397 80613 10080 49972 57008
76162
8572/ 22200 00102 20302 24013 =
AR RMHW K

8345 kHz, 25-08, 0911 UTC. RMHW wkg RIT: Baltic Fleet

QTC SML FOR RJH74 RJH45 =
25091 99732 10804 41597 80213 10057 40106 52036
75243
885// 22120 00098 20400 25013 =
AR RMHW K

Location for both logs

<https://goo.gl/maps/tmVyHdhpyV8jp2du9>



5882 kHz, 29-08, 0905 UTC. Russian Pacific Fleet. RLR63 wkg RJD93

QTC SML 300 11 29 1200 300 = FM RLR63 FOR RJS/RJD97 =
290902 99457 11495 41697 20000 10140 40080 51020 70002 22200 2//// =
AR

Location <https://goo.gl/maps/ZrW3Fgmw5pobeKo26>



5054 kHz, 29-08, 1449 UTC. Russian Pacific Fleet. RJT24 wkg RCC

QTC SML 367 15 29 1200 367 = FM RJT24 FOR RJH45 RJH48 RJE60 =
29091 99591 11511 41397 93206 10139 40146 54000 70242 8//// 22200 =
AR RJT24 K

Location <https://goo.gl/maps/NMifiyZQoFVwbWk78>

5054 kHz, 29-08, 1452 UTC. Russian Pacific Fleet. RJT24 wkg RCC

QTC SML 449 15 29 1500 449 = FM RJT24 FOR RJH45 RJH48 RJE60 =
29121 99591 11511 41397 93206 10139 40146 54000 70242 8//// 22200 =
AR RJT24 K

Location <https://goo.gl/maps/NMifiyZQoFVwbWk78>

5054 kHz, 29-08, 1454 UTC. Russian Pacific Fleet. RJT24 wkg RCC

QTC SML 618 15 29 1800 618 = FM RJT24 FOR RJH45 RJH48 RJE60 =
29151 99591 11511 41397 93206 10139 40146 54000 70242 8//// 22200 =
AR RJT24 K

Location <https://goo.gl/maps/NMifiyZQoFVwbWk78>



M32b - Russian Naval Air Transport

8816 kHz, 18-08, 0909 UTC

RJF94 RJC38 DE 52571 QTH 16223 13620 QTR 0910 QBD 0300 QRE XLWF 1018 K
QQM XLWF 1015 SK

8816 kHz, 18-08, 1130 UTC

RJF94 RJC38 DE 52571 QTO 1115 QRD XLMD XLWF QRE 1415 QBD 0500 K
QTH 16240 14742 QTR 1215 QBG 6100 K
QTH 16520 13516 QTR 1255 QBD 0300 QRE XLMD 1355 K
QQM XLMD 1400 SK

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	4735	3-8	0700	Tue	VVVVV PROMRÖ = 03 08 = 1000 0560 0590 0700 1130 ... 0800 0510 0540 0640 0990 = AR	CW	(AB-GRC)
---	4735	8-8	0705	Sun	Late start. VVV VVV PROMRÖ = 08 08 = 1000 0570 0610 0720 1130 ... 0800 0520 0550 0560 0980 = AR	CW	(AB-HNG)
---	4735	10-8	0700	Tue	VVVVV PROMRÖ = 10 08 = 1000 0570 0610 0720 1130 ... 0800 0520 0550 0660 0980 = AR	CW	(AB-HNG)
---	4735	11-8	0700	Wed	VVV VVV PROMRÖ = 11 08 = 1000 0570 0610 0720 1130 ... 0800 0520 0550 0660 0980 = AR	CW	(AB-HNG)
---	4735	12-8	0700	Thu	VVVVV PROMRÖ = 12 08 = 1000 0570 0600 0720 1130 ... 0800 0510 0550 0650 0980 = AR	CW	(AB-HNG)
---	4735	15-8	0700	Sun	VVV VVV PROMRÖ = 15 08 = 1000 0570 0600 0720 1130 ... 0800 0510 0540 0650 0970 = AR	CW	(AB-HNG)
---	4735	19-8	0700	Thu	VVVV PROMRÖ = 19 08 = 1000 0550 0590 0710 1120 ... 0800 0490 0520 0630 0970 = AR	CW	(AB-HNG)
---	4735	31-8	0700	Tue	VVV VVV PROMRÖ = 3108 = 0000 0560 0600 7300 1110 ... 0800 0500 0530 0640 0940 = AR	CW	(AB-HNG)
---	7055	8-8	1826	Sun	Russian-Ukrainian radio war. Several stations on top of each other	LSB	(AB)
---	7055	15-8	1927	Sun	Russian-Ukrainian radio war	LSB	(AB)
---	7055	18-8	2008	Wed	Russian-Ukrainian radio war	LSB	(AB)
---	7055	23-8	1749	Mon	Russian-Ukrainian radio war. Anti Russia/Putin loop transmission	LSB	(AB)
---	7055	29-8	1630	Sun	Russian-Ukrainian radio war. Rurik ESSB Radio. Loop transmissions in English and local music	LSB	(AB)
---	7055	29-8	1715	Sun	Unid radio amateur: SHAME UKRAINE ADMINISTRATION - SHAME RUSSIA-INTRUDERS ON OUR EXCLUSIVE AMATEUR BAND	CW	(AB)
---	7055	30-8	1330	Mon	Russian-Ukrainian radio war. Excerpts from radio programs in Russian/Ukrainian. Music	LSB	(AB)
---	7055	30-8	1600	Mon	Russian-Ukrainian radio war. Excerpts from radio programs in Russian/Ukrainian. Various stations on top of each other	LSB	(AB)
---	7055	30-8	1700	Mon	Russian-Ukrainian radio war. Looped transmission consisting short phrases in Russian	LSB	(AB)
---	7055	31-8	1700	Tue	Russian-Ukrainian radio war. Sinister sounding rock music	LSB	(AB)
---	7055	31-8	1706	Tue	Unid radio amateur: UKRAIN BREAK INTERNATIONAL AMATEUR RIGHTS SO KICK OUT UKRAIN UARL FROM IARU	CW	(AB)
---	7060	15-8	1927	Sun	Russian-Ukrainian radio war	LSB	(AB)
DPRK	9053	2-8	0720	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	16252	6-8	0653	Fri	North Korean diplo i.p.	DPRL-ARQ 600 LSB	(AB)
E06	11472	2-8	0210	Mon	537 206 37 88955 99937 09952 ... 71757 89921 19585 206 37 00000	USB	(PY)
E06	13576	2-8	0310	Mon	537 206 37 88955 99937 09952 ... 71757 89921 19585 206 37 00000	USB	(PY)
E06	11472	3-8	0210	Tue	537 206 37 88955 99937 09952 ... 71757 89921 19585 206 37 00000	USB	(PY)
E06	13584	3-8	0310	Tue	537 206 37 88955 99937 09952 ... 71757 89921 19585 206 37 00000	USB	(PY)
E06	14648	5-8	0300	Thu	361 924 50 90882 28457 47276 ... 72604 56429 23072 924 50 00000	USB	(PY)
E06	12084	5-8	0400	Thu	361 924 50 90882 28457 47276 ... 72604 56429 23072 924 50 00000	USB	(PY)
E06	13540	5-8	0500	Thu	210 496 53 41649 54422 87782 ... 98920 41526 78425 496 53 00000	USB	(AB/HFD)
E06	16115	5-8	0600	Thu	210 496 53 41649 54422 87782 ... 98920 41526 78425 496 53 00000	USB	(AB/HFD)
E06	14648	6-8	0300	Fri	361 924 50 90882 28457 47276 ... 72604 56429 23072 924 50 00000	USB	(PY)
E06	12084	6-8	0400	Fri	361 924 50 90882 28457 47276 ... 72604 56429 23072 924 50 00000	USB	(PY)
E06	13540	6-8	0500	Fri	210 496 53 41649 54422 87782 ... 98920 41526 78425 496 53 00000	USB	(AB)

E06	16115	6-8	0600	Fri	210 496 53 41649 54422 87782 ... 98920 41526 78425 496 53 00000	USB	(AB)
E06	11472	9-8	0210	Mon	537 149 38 29231 28217 61651 ... 52831 84277 55278 149 38 00000	USB	(PY)
E06	13574	9-8	0310	Mon	537 149 38 29231 28217 61651 ... 52831 84277 55278 149 38 00000	USB	(PY)
E06	11472	10-8	0210	Tue	537 149 38 29231 28217 61651 ... 52831 84277 55278 149 38 00000	USB	(PY)
E06	13572	10-8	0310	Tue	537 149 38 29231 28217 61651 ... 52831 84277 55278 149 38 00000	USB	(PY)
E06	14648	12-8	0300	Thu	361 758 30 22646 92783 07986 ... 52684 07690 87488 758 30 00000	USB	(PY)
E06	12084	12-8	0400	Thu	361 758 30 22646 92783 07986 ... 52684 07690 87488 758 30 00000	USB	(PY)
E06	14648	13-8	0300	Fri	361 758 30 22646 92783 07986 ... 52684 07690 87488 758 30 00000	USB	(PY)
E06	12084	13-8	0400	Fri	361 758 30 22646 92783 07986 ... 52684 07690 87488 758 30 00000	USB	(PY)
E06	11472	16-8	0210	Mon	537 260 39 00349 98317 75490 ... 66659 74082 68236 260 39 00000	USB	(PY)
E06	13573	16-8	0310	Mon	537 260 39 00349 98317 75490 ... 66659 74082 68236 260 39 00000	USB	(PY)
E06	11472	17-8	0210	Tue	537 260 39 00349 98317 75490 ... 66659 74082 68236 260 39 00000	USB	(PY)
E06	13574	17-8	0310	Tue	537 260 39 00349 98317 75490 ... 66659 74082 68236 260 39 00000	USB	(PY)
E06	14648	19-8	0300	Thu	361 402 31 42794 38017 55491 ... 29231 32886 06617 402 31 00000	USB	(PY)
E06	12084	19-8	0400	Thu	361 402 31 42794 38017 55491 ... 29231 32886 06617 402 31 00000	USB	(PY)
E06	16115	19-8	0600	Thu	210 768 53 83527 67343 91699 ... 25025 38238 35628 768 53 00000	USB	(AB)
E06	14648	20-8	0300	Fri	361 402 31 42794 38017 55491 ... 29231 32886 06617 402 31 00000	USB	(PY)
E06	12084	20-8	0400	Fri	361 402 31 42794 38017 55491 ... 29231 32886 06617 402 31 00000	USB	(PY)
E06	16115	20-8	0600	Fri	210 768 53 83527 67343 91699 ... 25025 38238 35628 768 53 00000	USB	(AB)
E06	11472	23-8	0210	Mon	537 918 40 20484 74335 05764 ... 10131 10445 73282 918 40 00000	USB	(PY)
E06	13575	23-8	0310	Mon	537 918 40 20484 74335 05764 ... 10131 10445 73282 918 40 00000	USB	(PY)
E06	11472	24-8	0210	Tue	537 918 40 20484 74335 05764 ... 10131 10445 73282 918 40 00000	USB	(PY)
E06	13573	24-8	0310	Tue	537 918 40 20484 74335 05764 ... 10131 10445 73282 918 40 00000	USB	(PY)
E06	11472	30-8	0210	Mon	537 620 41 10471 73777 38464 ... 59029 29237 38909 620 41 00000	USB	(PY)
E06	13573	30-8	0310	Mon	537 620 41 10471 73777 38464 ... 59029 29237 38909 620 41 00000	USB	(PY/HFD)
E06	11472	31-8	0210	Tue	537 620 41 10471 73777 38464 ... 59029 29237 38909 620 41 00000	USB	(PY)
E06	13572	31-8	0310	Tue	537 620 41 10471 73777 38464 ... 59029 29237 38909 620 41 00000	USB	(PY)
E07	9261	1-8	0600	Sun	224 224 224 000	USB	(AB)
E07	10261	1-8	0620	Sun	224 224 224 000	USB	(AB)
E07	13397	1-8	1700	Sun	316 316 316 1 665 71 665 71 08659 15321 64155 ... 66392 50673 30948 000 000	USB	(AB/HFD)
E07	12197	1-8	1720	Sun	316 316 316 1 665 71 665 71 08659 15321 64155 ... 66392 50673 30948 000 000	USB	(AB/HFD)
E07	10697	1-8	1740	Sun	316 316 316 1 665 71 665 71 08659 15321 64155 ... 66392 50673 30948 000 000	USB	(AB/HFD)
E07	16246	3-8	0700	Tue	242 242 242 1 1154 59 1154 59 17772 88417 79731 ... 45069 26738 21055 000 000	USB	(AB/HFD-KWT)
E07	18446	3-8	0720	Tue	242 242 242 1 1154 59 1154 59 17772 88417 79731 ... 45069 26738 21055 000 000	USB	(AB-RUS/HFD-KWT)
E07	19236	3-8	0740	Tue	242 242 242 1 1154 59 1154 59 17772 88417 79731 ... 45069 26738 21055 000 000	USB	(AB-RUS/HFD-KWT)
E07	13397	4-8	1700	Wed	316 316 316 000	USB	(AB)
E07	12197	4-8	1720	Wed	316 316 316 000	USB	(AB)
E07	13519	5-8	1410	Thu	288 288 288 1 655 56 655 56 87095 81135 00785 ... 70811 66915 61847 000 000	USB	(AB/MPJ)
E07	14819	5-8	1430	Thu	288 288 288 1 655 56 655 56 87095 81135 00785 ... 70811 66915 61847 000 000	USB	(AB/MPJ)
E07	15919	5-8	1450	Thu	288 288 288 1 655 56 655 56 87095 81135 00785 ... 70811 66915 61847 000 000	USB	(AB/MPJ)
E07	16246	6-8	0700	Fri	242 242 242 1 1154 59 1154 59 17772 88417 79731 ... 45069 26738 21055 000 000	USB	(AB)
E07	18446	6-8	0720	Fri	242 242 242 1 1154 59 1154 59 17772 88417 79731 ... 45069 26738 21055 000 000	USB	(AB-KWT)

E07	19236	6-8	0740	Fri	242 242 242 1 1154 59 1154 59 17772 88417 79731 ... 45069 26738 21055 000 000	USB	(AB-KWT)
E07	12176	7-8	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	7-8	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	13519	7-8	1410	Sat	288 288 288 1 655 56 655 56 87095 81135 00785 ... 70811 66915 61847 000 000	USB	(AB/MPJ/HFD)
E07	14819	7-8	1430	Sat	288 288 288 1 655 56 655 56 87095 81135 00785 ... 70811 66915 61847 000 000	USB	(AB/MPJ/HFD)
E07	15919	7-8	1450	Sat	288 288 288 1 655 56 655 56 87095 81135 00785 ... 70811 66915 61847 000 000	USB	(AB/MPJ/HFD)
E07	9261	8-8	0600	Sun	224 224 224 000	USB	(AB)
E07	10261	8-8	0620	Sun	224 224 224 000	USB	(AB)
E07	13397	8-8	1700	Sun	316 316 316 000	USB	(AB)
E07	12197	8-8	1720	Sun	316 316 316 000	USB	(AB)
E07	16246	10-8	0700	Tue	242 242 242 000	USB	(AB-KWT)
E07	18446	10-8	0720	Tue	242 242 242 000	USB	(AB-KWT)
E07	13397	11-8	1700	Wed	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	12197	11-8	1720	Wed	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	10697	11-8	1740	Wed	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	13519	12-8	1410	Thu	288 288 288 000	USB	(AB/MPJ/RL)
E07	14819	12-8	1430	Thu	288 288 288 000	USB	(AB/MPJ/RL)
E07	16246	13-8	0700	Fri	242 242 242 000	USB	(AB)
E07	18446	13-8	0720	Fri	242 242 242 000	USB	(AB)
E07	12176	14-8	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	14-8	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	13519	14-8	1410	Sat	288 288 288 000	USB	(AB/MPJ)
E07	14819	14-8	1430	Sat	288 288 288 000	USB	(AB/MPJ)
E07	9261	15-8	0600	Sun	224 224 224 000	USB	(AB)
E07	10261	15-8	0620	Sun	224 224 224 000	USB	(AB)
E07	13397	15-8	1700	Sun	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB/RL-HOL)
E07	12197	15-8	1720	Sun	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB/RL-HOL)
E07	10697	15-8	1740	Sun	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB/RL-HOL)
E07	16246	17-8	0700	Tue	242 242 242 1 1660 59 1660 59 06538 20065 19502 ... 21272 41348 23001 000 000	USB	(AB-KWT)
E07	18446	17-8	0720	Tue	242 242 242 1 1660 59 1660 59 06538 20065 19502 ... 21272 41348 23001 000 000	USB	(AB-KWT)
E07	19246	17-8	0740	Tue	242 242 242 1 1660 59 1660 59 06538 20065 19502 ... 21272 41348 23001 000 000	USB	(AB-KWT)
E07	13397	18-8	1700	Wed	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	12197	18-8	1720	Wed	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	10697	18-8	1740	Wed	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	13519	19-8	1410	Thu	288 288 288 000	USB	(AB/MPJ)
E07	14819	19-8	1430	Thu	288 288 288 000	USB	(AB/MPJ)
E07	16246	20-8	0700	Fri	242 242 242 1 1660 59 1660 59 06538 20065 19502 ... 21272 41348 23001 000 000	USB	(AB-KWT)
E07	18446	20-8	0720	Fri	242 242 242 1 1660 59 1660 59 06538 20065 19502 ... 21272 41348 23001 000 000	USB	(AB-KWT)
E07	19246	20-8	0740	Fri	242 242 242 1 1660 59 1660 59 06538 20065 19502 ... 21272 41348 23001 000 000	USB	(AB-KWT)
E07	12176	21-8	1300	Sat	152 152 152 000	USB	(AB)
E07	11576	21-8	1320	Sat	152 152 152 000	USB	(AB)
E07	13519	21-8	1410	Sat	288 288 288 000	USB	(AB)

E07	14819	21-8	1430	Sat	288 288 288 000	USB	(AB)
E07	9261	22-8	0600	Sun	224 224 224 000	USB	(AB)
E07	10261	22-8	0620	Sun	224 224 224 000	USB	(AB)
E07	13397	22-8	1700	Sun	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	12197	22-8	1720	Sun	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	10697	22-8	1740	Sun	316 316 316 1 1839 66 1839 66 61472 40065 42949 ... 03401 32994 10268 000 000	USB	(AB)
E07	16246	24-8	0700	Tue	242 242 242 000	USB	(AB-KWT)
E07	18446	24-8	0720	Tue	242 242 242 000	USB	(AB-KWT)
E07	13397	25-8	1700	Wed	316 316 316 000	USB	(AB)
E07	12197	25-8	1720	Wed	316 316 316 000	USB	(AB)
E07	13519	26-8	1410	Thu	288 288 288 000	USB	(AB/MPJ)
E07	14819	26-8	1430	Thu	288 288 288 000	USB	(AB/MPJ)
E07	16246	27-8	0700	Fri	242 242 242 000	USB	(AB-KWT)
E07	18446	27-8	0720	Fri	242 242 242 000	USB	(AB-KWT)
E07	12176	28-8	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	28-8	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	13519	28-8	1410	Sat	288 288 288 000	USB	(AB/MPJ)
E07	14819	28-8	1430	Sat	288 288 288 000	USB	(AB/MPJ)
E07	9261	29-8	0600	Sun	224 224 224 000	USB	(AB)
E07	10261	29-8	0620	Sun	224 224 224 000	USB	(AB)
E07	13397	29-8	1700	Sun	316 316 316 000	USB	(AB/MPJ)
E07	12197	29-8	1720	Sun	316 316 316 000	USB	(AB/MPJ)
E07	16246	31-8	0700	Tue	242 242 242 1 8144 59 8144 59 32820 64232 57732 ... 30852 35586 92297 000 000	USB	(AB-KWT)
E07	18446	31-8	0720	Tue	242 242 242 1 8144 59 8144 59 32820 64232 57732 ... 30852 35586 92297 000 000	USB	(AB-KWT)
E07	19246	31-8	0740	Tue	242 242 242 1 8144 59 8144 59 32820 64232 57732 ... 30852 35586 92297 000 000	USB	(AB-KWT)
E07a	12166	4-8	2000	Wed	172 172 172 000	USB	(AB)
E07a	10766	4-8	2020	Wed	172 172 172 000	USB	(AB)
E07a	7933	5-8	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	5-8	0450	Thu	912 912 912 000	USB	(AB)
E07a	12213	6-8	1510	Fri	241 241 241 000	USB	(AB/MPJ/RL/HFD)
E07a	11413	6-8	1530	Fri	241 241 241 000	USB	(AB/MPJ/RL/HFD)
E07a	12177	7-8	0800	Sat	148 148 148 000	USB	(AB/HFD)
E07a	13477	7-8	0820	Sat	148 148 148 000	USB	(AB/HFD)
E07a	12166	11-8	2000	Wed	172 172 172 000	USB	(AB/RL)
E07a	10766	11-8	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	12-8	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	12-8	0450	Thu	912 912 912 000	USB	(AB)
E07a	12213	13-8	1510	Fri	241 241 241 000	USB	(AB/MPJ)
E07a	11413	13-8	1530	Fri	241 241 241 000	USB	(AB/MPJ)
E07a	12177	14-8	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	14-8	0820	Sat	148 148 148 000	USB	(AB)
E07a	12166	18-8	2000	Wed	172 172 172 000	USB	(AB)

E07a	10766	18-8	2020	Wed	172 172 172 000	USB	(AB)
E07a	7933	19-8	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	19-8	0450	Thu	912 912 912 000	USB	(AB)
E07a	12213	20-8	1510	Fri	241 241 241 000	USB	(AB)
E07a	11413	20-8	1530	Fri	241 241 241 000	USB	(AB)
E07a	12177	21-8	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	21-8	0820	Sat	148 148 148 000	USB	(AB)
E07a	12166	25-8	2000	Wed	172 172 172 000	USB	(AB/RL)
E07a	10766	25-8	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	26-8	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	26-8	0450	Thu	912 912 912 000	USB	(AB)
E07a	12213	27-8	1510	Fri	241 241 241 000	USB	(AB/MPJ)
E07a	11413	27-8	1530	Fri	241 241 241 000	USB	(AB/MPJ)
E07a	12177	28-8	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	28-8	0820	Sat	148 148 148 000	USB	(AB)
E11	9150	1-8	0600	Sun	355/00	USB	(AB)
E11	7377	1-8	0730	Sun	496/00	USB	(AB)
E11	5409	1-8	1330	Sun	522/00	USB	(AB)
E11	5371	1-8	1605	Sun	230/00	USB	(AB)
E11	7863	1-8	1625	Sun	972/00	USB	(AB/MPJ)
E11	12229	1-8	1650	Sun	920/00	USB	(AB/MPJ)
E11	14410	1-8	1745	Sun	249/00	USB	(AB/MPJ)
E11	9610	1-8	1910	Sun	612/00	USB	(AB)
E11	15800	2-8	0640	Mon	942/00	USB	(AB)
E11	18030	2-8	0715	Mon	750/00	USB	(AB)
E11	9610	2-8	0745	Mon	267/00	USB	(AB)
E11	12815	2-8	0845	Mon	710/00	USB	(AB)
E11	7449	2-8	0900	Mon	534/00	USB	(AB)
E11	5737	2-8	1300	Mon	319/00	USB	(AB)
E11	14410	2-8	1745	Mon	240/00	USB	(AB-POL/MPJ- POL/RL-HOL)
E11	7600	2-8	1900	Mon	649/00	USB	(AB/RL-HOL)
E11	8091	3-8	0645	Tue	512/00	USB	(AB)
E11	8680	3-8	0700	Tue	577/00	USB	(AB)
E11	10429	3-8	0715	Tue	636/00	USB	(AB)
E11	14940	3-8	0745	Tue	220/00	USB	(AB-POL)
E11	17378	3-8	0820	Tue	131/00	USB	(AB)
E11	12153	3-8	0845	Tue	156/00	USB	(AB)
E11	12153	3-8	1000	Tue	304/00	USB	(AB)
E11	6304	3-8	1205	Tue	465/00	USB	(AB/MPJ)
E11	12984	3-8	1345	Tue	912/00	USB	(AB/MPJ)
E11	5371	3-8	1605	Tue	236/00	USB	(AB)

E11	14575	3-8	1645	Tue	337/00	USB	(AB)
E11	15800	4-8	0640	Wed	949/00	USB	(AB)
E11	18030	4-8	0715	Wed	753/00	USB	(AB)
E11	15720	4-8	0745	Wed	346/00	USB	(AB)
E11	17378	4-8	0820	Wed	138/00	USB	(AB)
E11	12815	4-8	0845	Wed	715/00	USB	(AB)
E11	7449	4-8	0900	Wed	530/00	USB	(AB)
E11	6304	4-8	1205	Wed	469/00	USB	(AB)
E11	7863	4-8	1625	Wed	976/00	USB	(AB)
E11	4783	4-8	1910	Wed	391/00	USB	(AB)
E11	8091	5-8	0645	Thu	519/00	USB	(AB)
E11	14940	5-8	0745	Thu	223/00	USB	(AB)
E11	4909	5-8	0820	Thu	434/00	USB	(AB)
E11	12153	5-8	0845	Thu	151/00	USB	(AB)
E11	5737	5-8	1300	Thu	315/00	USB	(AB/MPJ)
E11	5409	5-8	1330	Thu	527/00	USB	(AB)
E11	10356	5-8	1530	Thu	267/00	USB	(AB/MPJ)
E11	14575	5-8	1645	Thu	333/00	USB	(AB-POL/MPJ-POL)
E11	7600	5-8	1900	Thu	649/00	USB	(AB)
E11	9150	6-8	0600	Fri	350/00	USB	(AB)
E11	8680	6-8	0700	Fri	570/00	USB	(AB)
E11	10429	6-8	0715	Fri	630/00	USB	(AB)
E11	15720	6-8	0745	Fri	346/00	USB	(AB)
E11	4909	6-8	0820	Fri	435/00	USB	(AB)
E11	12153	6-8	1000	Fri	305/00	USB	(AB)
E11	12229	6-8	1650	Fri	926/00	USB	(AB/MPJ)
E11	9610	6-8	1910	Fri	614/00	USB	(AB)
E11	7377	7-8	0730	Sat	497/00	USB	(AB)
E11	12984	7-8	1345	Sat	918/00	USB	(MPJ)
E11	5082	7-8	1530	Sat	366/00	USB	(AB/MPJ)
E11	4783	7-8	1910	Sat	390/00	USB	(AB)
E11	9150	8-8	0600	Sun	353/00	USB	(AB)
E11	7377	8-8	0730	Sun	490/00	USB	(AB)
E11	5409	8-8	1330	Sun	524/00	USB	(AB/MPJ)
E11	5082	8-8	1530	Sun	360/00	USB	(AB)
E11	5371	8-8	1605	Sun	236/00	USB	(AB/MPJ)
E11	7863	8-8	1625	Sun	976/00	USB	(AB/MPJ)
E11	12229	8-8	1650	Sun	922/00	USB	(AB/MPJ)
E11	14410	8-8	1745	Sun	242/00	USB	(AB/MPJ)
E11	9610	8-8	1910	Sun	611/00	USB	(AB)
E11	7469	9-8	0450	Mon	411/00	USB	(AB)
E11	15800	9-8	0640	Mon	940/00	USB	(AB)

E11	18030	9-8	0715	Mon	750/00	USB	(AB)
E11	12815	9-8	0845	Mon	719/00	USB	(AB)
E11	7449	9-8	0900	Mon	530/00	USB	(AB)
E11	8545	9-8	1045	Mon	698/00	USB	(AB)
E11	5737	9-8	1300	Mon	313/00	USB	(AB)
E11	8680	10-8	0700	Tue	575/00	USB	(AB)
E11	10429	10-8	0715	Tue	635/00	USB	(AB)
E11	14940	10-8	0745	Tue	223/00	USB	(AB)
E11	12153	10-8	0845	Tue	151/00	USB	(AB)
E11	12153	10-8	1000	Tue	304/00	USB	(AB)
E11	6304	10-8	1205	Tue	464/00	USB	(AB)
E11	12984	10-8	1345	Tue	911/00	USB	(AB)
E11	14575	10-8	1645	Tue	332/00	USB	(AB)
E11	15800	11-8	0640	Wed	945/00	USB	(AB)
E11	18030	11-8	0715	Wed	759/00	USB	(AB)
E11	15720	11-8	0745	Wed	342/00	USB	(AB)
E11	12815	11-8	0845	Wed	718/00	USB	(AB)
E11	7449	11-8	0900	Wed	535/00	USB	(AB)
E11	6923	11-8	0930	Wed	278/00	USB	(AB)
E11	8545	11-8	1045	Wed	698/00	USB	(AB)
E11	6304	11-8	1205	Wed	469/00	USB	(AB)
E11	7863	11-8	1625	Wed	977/00	USB	(AB/MPJ)
E11	4783	11-8	1910	Wed	396/00	USB	(AB)
E11	14940	12-8	0745	Thu	224/00	USB	(AB)
E11	4909	12-8	0820	Thu	431/00	USB	(AB)
E11	12153	12-8	0845	Thu	156/00	USB	(AB)
E11	6923	12-8	0930	Thu	276/00	USB	(AB)
E11	5737	12-8	1300	Thu	315/00	USB	(AB/MPJ)
E11	14575	12-8	1645	Thu	335/00	USB	(MPJ)
E11	8088	12-8	1730	Thu	411/00	USB	(AB)
E11	9150	13-8	0600	Fri	358/00	USB	(AB)
E11	8680	13-8	0700	Fri	570/00	USB	(AB)
E11	10429	13-8	0715	Fri	635/00	USB	(AB)
E11	15720	13-8	0745	Fri	342/00	USB	(AB)
E11	4909	13-8	0820	Fri	439/00	USB	(AB)
E11	12153	13-8	1000	Fri	309/00	USB	(AB)
E11	9610	13-8	1910	Fri	616/00	USB	(AB)
E11	7377	14-8	0730	Sat	498/00	USB	(AB)
E11	5082	14-8	1530	Sat	364/00	USB	(AB/MPJ)
E11	4783	14-8	1910	Sat	394/00	USB	(AB)
E11	9150	15-8	0600	Sun	358/00	USB	(AB)
E11	7377	15-8	0730	Sun	491/00	USB	(AB)

E11	5082	15-8	1530	Sun	360/00	USB	(AB)
E11	7863	15-8	1625	Sun	977/00	USB	(AB)
E11	9610	15-8	1910	Sun	616/00	USB	(AB/RL-HOL)
E11	7469	16-8	0450	Mon	412/00	USB	(AB)
E11	18030	16-8	0715	Mon	754/00	USB	(AB)
E11	9610	16-8	0745	Mon	267/00	USB	(AB)
E11	7449	16-8	0900	Mon	538/00	USB	(AB)
E11	8545	16-8	1045	Mon	692/00	USB	(AB)
E11	14410	16-8	1745	Mon	245/00	USB	(AB/MPJ)
E11	7600	16-8	1900	Mon	648/00	USB	(AB/MPJ)
E11	8091	17-8	0645	Tue	518/00	USB	(AB)
E11	10429	17-8	0715	Tue	630/00	USB	(AB)
E11	14940	17-8	0745	Tue	220/00	USB	(AB)
E11	17378	17-8	0820	Tue	131/00	USB	(AB)
E11	12984	17-8	1345	Tue	915/00	USB	(AB)
E11	5371	17-8	1605	Tue	238/00	USB	(AB)
E11	18030	18-8	0715	Wed	757/00	USB	(AB-RUS)
E11	17378	18-8	0820	Wed	133/00	USB	(AB)
E11	7449	18-8	0900	Wed	535/00	USB	(AB)
E11	6923	18-8	0930	Wed	270/00	USB	(AB)
E11	8545	18-8	1045	Wed	696/00	USB	(AB)
E11	7863	18-8	1625	Wed	977/00	USB	(AB)
E11	4783	18-8	1910	Wed	393/00	USB	(AB)
E11	8091	19-8	0645	Thu	510/00	USB	(AB)
E11	14940	19-8	0745	Thu	227/00	USB	(AB)
E11	4909	19-8	0820	Thu	431/00	USB	(AB)
E11	6923	19-8	0930	Thu	278/00	USB	(AB)
E11	5409	19-8	1330	Thu	522/00	USB	(AB)
E11	10356	19-8	1530	Thu	261/00	USB	(AB/MPJ)
E11	8088	19-8	1730	Thu	415/00	USB	(AB/MPJ)
E11	7600	19-8	1900	Thu	646/00	USB	(AB)
E11	10429	20-8	0715	Fri	639/00	USB	(AB)
E11	4909	20-8	0820	Fri	436/00	USB	(AB)
E11	12229	20-8	1650	Fri	927/00	USB	(AB)
E11	12984	21-8	1345	Sat	918/00	USB	(AB)
E11	4783	21-8	1910	Sat	393/00	USB	(AB)
E11	5409	22-8	1330	Sun	522/00	USB	(AB/MPJ/HFD)
E11	5371	22-8	1605	Sun	231/00	USB	(AB/MPJ)
E11	7863	22-8	1625	Sun	976/00	USB	(AB/MPJ)
E11	12229	22-8	1650	Sun	920/00	USB	(AB/MPJ)
E11	14410	22-8	1745	Sun	249/00	USB	(AB/MPJ)
E11	9610	22-8	1910	Sun	616/00	USB	(AB)

E11	7469	23-8	0450	Mon	418/00	USB	(AB)
E11	15800	23-8	0640	Mon	945/00	USB	(AB)
E11	9610	23-8	0745	Mon	269/00	USB	(AB)
E11	12815	23-8	0845	Mon	719/00	USB	(AB)
E11	8545	23-8	1045	Mon	696/00	USB	(AB)
E11	5737	23-8	1300	Mon	311/00	USB	(AB/MPJ)
E11	14410	23-8	1745	Mon	242/00	USB	(AB/MPJ-HOL)
E11	7600	23-8	1900	Mon	640/00	USB	(AB-POL)
E11	8091	24-8	0645	Tue	517/00	USB	(AB)
E11	8680	24-8	0700	Tue	571/00	USB	(AB)
E11	17378	24-8	0820	Tue	131/00	USB	(AB)
E11	12153	24-8	0845	Tue	151/00	USB	(AB)
E11	12153	24-8	1000	Tue	300/00	USB	(AB)
E11	6304	24-8	1205	Tue	462/00	USB	(AB)
E11	5371	24-8	1605	Tue	236/00	USB	(AB)
E11	14575	24-8	1645	Tue	333/00	USB	(AB/MPJ)
E11	15800	25-8	0640	Wed	941/00	USB	(AB-POL)
E11	15720	25-8	0745	Wed	346/00	USB	(AB)
E11	17378	25-8	0820	Wed	136/00	USB	(AB)
E11	12815	25-8	0845	Wed	716/00	USB	(AB)
E11	6923	25-8	0930	Wed	273/00	USB	(AB)
E11	8545	25-8	1045	Wed	694/00	USB	(AB)
E11	6304	25-8	1205	Wed	461/00	USB	(AB/MPJ-HNG)
E11	8091	26-8	0645	Thu	512/00	USB	(AB)
E11	12153	26-8	0845	Thu	156/00	USB	(AB)
E11	6923	26-8	0930	Thu	275/00	USB	(AB)
E11	5737	26-8	1300	Thu	313/00	USB	(AB)
E11	5409	26-8	1330	Thu	528/00	USB	(AB/MPJ)
E11	10356	26-8	1530	Thu	268/00	USB	(AB)
E11	14575	26-8	1645	Thu	330/00	USB	(AB)
E11	8088	26-8	1730	Thu	410/00	USB	(AB)
E11	7600	26-8	1900	Thu	649/00	USB	(AB)
E11	9150	27-8	0600	Fri	351/00	USB	(AB)
E11	8680	27-8	0700	Fri	576/00	USB	(AB)
E11	15720	27-8	0745	Fri	346/00	USB	(AB)
E11	12229	27-8	1650	Fri	926/00	USB	(MPJ)
E11	7377	28-8	0730	Sat	492/00	USB	(AB)
E11	5082	28-8	1530	Sat	363/00	USB	(AB/MPJ)
E11	9150	29-8	0600	Sun	355/00	USB	(AB)
E11	7377	29-8	0730	Sun	495/00	USB	(AB)
E11	5409	29-8	1330	Sun	522/00	USB	(AB/MPJ)
E11	5082	29-8	1530	Sun	365/00	USB	(AB/MPJ)

E11	5371	29-8	1605	Sun	230/00	USB	(AB)
E11	7863	29-8	1625	Sun	976/00	USB	(AB)
E11	12229	29-8	1650	Sun	926/00	USB	(AB)
E11	14410	29-8	1745	Sun	246/00	USB	(AB/MPJ)
E11	9060	30-8	0300	Mon	189/00	USB	(HFD)
E11	7469	30-8	0450	Mon	415/00	USB	(AB)
E11	15800	30-8	0640	Mon	946/00	USB	(AB)
E11	18030	30-8	0715	Mon	752/00	USB	(AB)
E11	9610	30-8	0745	Mon	266/00	USB	(AB)
E11	12815	30-8	0845	Mon	715/00	USB	(AB)
E11	7449	30-8	0900	Mon	532/00	USB	(AB)
E11	8545	30-8	1045	Mon	696/00	USB	(AB)
E11	5737	30-8	1300	Mon	311/00	USB	(AB)
E11	14410	30-8	1745	Mon	246/00	USB	(AB/MPJ/HFD)
E11	7600	30-8	1900	Mon	646/00	USB	(AB)
E11	8091	31-8	0645	Tue	512/00	USB	(AB)
E11	8680	31-8	0700	Tue	577/00	USB	(AB)
E11	10429	31-8	0715	Tue	634/00	USB	(AB)
E11	14940	31-8	0745	Tue	229/00	USB	(AB)
E11	17378	31-8	0820	Tue	131/00	USB	(AB-POL)
E11	12153	31-8	0845	Tue	154/00	USB	(AB)
E11	12153	31-8	1000	Tue	300/00	USB	(AB)
E11	6304	31-8	1205	Tue	469/00	USB	(AB/MPJ)
E11	12984	31-8	1345	Tue	918/00	USB	(AB/MPJ)
E11	5371	31-8	1605	Tue	231/00	USB	(AB/MPJ)
E11	14575	31-8	1645	Tue	331/00	USB	(AB-POL)
E11a	7469	2-8	0450	Mon	415/32 Attention 09609 42228 53809 ... 50945 37447 23057 Attention (message repeated) Out	USB	(AB)
E11a	8545	2-8	1045	Mon	696/37 Attention 38782 27141 66735 ... 16393 25171 33795 Attention (message repeated) Out	USB	(AB)
E11a	6923	4-8	0930	Wed	273/31 Attention 43540 21056 84453 ... 03505 22669 85889 Attention (message repeated) Out	USB	(AB)
E11a	8545	4-8	1045	Wed	696/37 Attention 38782 27141 66735 ... 16393 25171 33795 Attention (message repeated) Out	USB	(AB)
E11a	6923	5-8	0930	Thu	273/31 Attention 43540 21056 84453 ... 03505 22669 85889 Attention (message repeated) Out	USB	(AB)
E11a	8088	5-8	1730	Thu	415/32 Attention 09609 42228 53809 ... 50945 37447 23057 Attention (message repeated) Out	USB	(AB)
E11a	9610	9-8	0745	Mon	267/32 Attention 94547 72009 72697 ... 34801 22464 78030 Attention (message repeated) Out	USB	(AB)
E11a	14410	9-8	1745	Mon	249/33 Attention 37635 55568 54172 ... 35664 56598 22389 Attention (message repeated) Out	USB	(AB)
E11a	7600	9-8	1900	Mon	643/36 Attention 68396 85650 13122 ... 03977 06312 41409 Attention (message repeated) Out	USB	(AB)
E11a	8091	10-8	0645	Tue	515/35 Attention 27926 14134 21232 ... 20615 51777 55256 Attention (message repeated) Out	USB	(AB)
E11a	17378	10-8	0820	Tue	136/35 Attention 56152 28989 91130 ... 60488 47061 62114 Attention (message repeated) Out	USB	(AB)
E11a	5371	10-8	1605	Tue	236/39 Attention 62695 27176 70723 ... 41202 98177 42506 Attention (message repeated) Out	USB	(AB)
E11a	17378	11-8	0820	Wed	136/35 Attention 56152 28989 91130 ... 60488 47061 62114 Attention (message repeated) Out	USB	(AB)
E11a	8091	12-8	0645	Thu	515/35 Attention 27926 14134 21232 ... 20615 51777 55256 Attention (message repeated) Out	USB	(AB)
E11a	5409	12-8	1330	Thu	521/40 Attention 85663 16214 43488 ... 49394 01206 83294 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10356	12-8	1530	Thu	267/32 Attention 94547 72009 72697 ... 34801 22464 78030 Attention (message repeated) Out	USB	(AB)

E11a	7600	12-8	1900	Thu	643/36 Attention 68396 85650 13122 ... 03977 06312 41409 Attention (message repeated) Out	USB	(AB)
E11a	12229	13-8	1650	Fri	922/32 Attention 73924 90465 29157 ... 41177 34747 08543 Attention (message repeated) Out	USB	(MPJ-AUT)
E11a	5409	15-8	1330	Sun	521/40 Attention 85663 16214 43488 ... 49394 01206 83294 Attention (message repeated) Out	USB	(AB)
E11a	5371	15-8	1605	Sun	236/39 Attention 62695 27176 70723 ... 41202 98177 42506 Attention (message repeated) Out	USB	(AB)
E11a	12229	15-8	1650	Sun	922/32 Attention 73924 90465 29157 ... 41177 34747 08543 Attention (message repeated) Out	USB	(AB)
E11a	14410	15-8	1745	Sun	249/33 Attention 37635 55568 54172 ... 35664 56598 22389 Attention (message repeated) Out	USB	(AB)
E11a	15800	16-8	0640	Mon	941/30 Attention 47862 13259 89972 ... 52041 87263 03757 Attention (message repeated) Out	USB	(AB)
E11a	12815	16-8	0845	Mon	711/31 Attention 52734 20465 34002 ... 70430 44267 02780 Attention (message repeated) Out	USB	(AB)
E11a	5737	16-8	1300	Mon	314/36 Attention 19657 40927 02024 ... 02151 18431 36065 Attention (message repeated) Out	USB	(AB)
E11a	8680	17-8	0700	Tue	573/35 Attention 71261 01149 50283 ... 39621 48714 54417 Attention (message repeated) Out	USB	(AB)
E11a	12153	17-8	0845	Tue	155/29 Attention 05356 65459 70352 ... 09601 17399 07088 Attention (message repeated) Out	USB	(AB)
E11a	12153	17-8	1000	Tue	306/24 Attention ...	USB	(AB)
E11a	6304	17-8	1205	Tue	460/32 Attention 83834 68891 02395 ... 23855 32695 72083 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	14575	17-8	1645	Tue	337/36 Attention 82863 89681 75995 ... 66821 02970 17204 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	14575	18-8	0315	Wed	251/36 Attention 25117 43242 26868 ... 01945 02042 78227 Attention (message repeated) Out	USB	(AB)
E11a	15800	18-8	0640	Wed	941/30 Attention 47862 13259 89972 ... 52041 87263 03757 Attention (message repeated) Out	USB	(AB)
E11a	15720	18-8	0745	Wed	349/31 Attention 46208 25888 19992 ... 63696 53643 21233 Attention (message repeated) Out	USB	(AB)
E11a	12815	18-8	0845	Wed	711/31 Attention 52734 20465 34002 ... 70430 44267 02780 Attention (message repeated) Out	USB	(AB)
E11a	6304	18-8	1205	Wed	460/32 Attention 83834 68891 02395 ... 23855 32695 72083 Attention (message repeated) Out	USB	(AB)
E11a	12153	19-8	0845	Thu	155/29 Attention 05356 65459 70352 ... 09601 17399 07088 Attention (message repeated) Out	USB	(AB)
E11a	5737	19-8	1300	Thu	314/36 Attention 19657 40927 02024 ... 02151 18431 36065 Attention (message repeated) Out	USB	(AB/MPJ-POL)
E11a	14575	19-8	1645	Thu	337/36 Attention 82863 89681 75995 ... 66821 02970 17204 Attention (message repeated) Out	USB	(AB)
E11a	9150	20-8	0600	Fri	355/33 Attention 08690 68040 35660 ... 27528 46433 83200 Attention (message repeated) Out	USB	(AB/HFD)
E11a	8680	20-8	0700	Fri	573/35 Attention 71261 01149 50283 ... 39621 48714 54417 Attention (message repeated) Out	USB	(AB)
E11a	15720	20-8	0745	Fri	349/31 Attention 46208 25888 19992 ... 63696 53643 21233 Attention (message repeated) Out	USB	(AB)
E11a	7377	21-8	0730	Sat	496/32 Attention 65622 95062 75471 ... 73191 63616 28025 Attention (message repeated) Out	USB	(AB)
E11a	5082	21-8	1530	Sat	363/34 Attention 41705 74148 75589 ... 22581 12675 42783 Attention (message repeated) Out	USB	(AB)
E11a	9150	22-8	0600	Sun	355/33 Attention 08690 68040 35660 ... 27528 46433 83200 Attention (message repeated) Out	USB	(AB)
E11a	7377	22-8	0730	Sun	496/32 Attention 65622 95062 75471 ... 73191 63616 28025 Attention (message repeated) Out	USB	(AB)
E11a	5082	22-8	1530	Sun	363/34 Attention 41705 74148 75589 ... 22581 12675 42783 Attention (message repeated) Out	USB	(AB/MPJ-POL)
E11a	18030	23-8	0715	Mon	757/32 Attention 67324 24971 77578 ... 76974 46983 34840 Attention (message repeated) Out	USB	(AB)
E11a	7449	23-8	0900	Mon	534/31 Attention 48625 19018 74546 ... 84788 32157 60155 Attention (message repeated) Out	USB	(AB)
E11a	10429	24-8	0715	Tue	637/32 Attention 47141 04810 34214 ... 21396 14624 50133 Attention (message repeated) Out	USB	(AB)
E11a	14940	24-8	0745	Tue	221/32 Attention 90203 50799 45180 ... 36184 56397 40914 Attention (message repeated) Out	USB	(AB)
E11a	12984	24-8	1345	Tue	912/35 Attention 38908 65737 64849 ... 33386 82866 71580 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	18030	25-8	0715	Wed	757/32 Attention 67324 24971 77578 ... 76974 46983 34840 Attention (message repeated) Out	USB	(AB-POL)
E11a	7449	25-8	0900	Wed	534/31 Attention 48625 19018 74546 ... 84788 32157 60155 Attention (message repeated) Out	USB	(AB)
E11a	7863	25-8	1625	Wed	970/30 Attention 32104 43563 29333 ... 58896 62660 46033 Attention (message repeated) Out	USB	(AB)
E11a	4783	25-8	1910	Wed	399/38 Attention 42023 44935 50069 ... 40723 71815 03035 Attention (message repeated) Out	USB	(AB)
E11a	14940	26-8	0745	Thu	221/32 Attention 90203 50799 45180 ... 36184 56397 40914 Attention (message repeated) Out	USB	(AB)
E11a	4909	26-8	0820	Thu	431/37 Attention 51656 18570 16554 ... 91735 44148 24587 Attention (message repeated) Out	USB	(AB)
E11a	10429	27-8	0715	Fri	637/32 Attention 47141 04810 34214 ... 21396 14624 50133 Attention (message repeated) Out	USB	(AB)

E11a	4909	27-8	0820	Fri	431/37 Attention 51656 18570 16554 ... 91735 44148 24587 Attention (message repeated) Out	USB	(AB)
E11a	9610	27-8	1910	Fri	618/34 Attention 22787 68684 26074 ... 94564 87359 69614 Attention (message repeated) Out	USB	(AB)
E11a	12984	28-8	1345	Sat	912/35 Attention 38908 65737 64849 ... 33386 82866 71580 Attention (message repeated) Out	USB	(MPJ)
E11a	4783	28-8	1910	Sat	399/38 Attention 42023 44935 50069 ... 40723 71815 03035 Attention (message repeated) Out	USB	(AB)
E11a	9610	29-8	1910	Sun	618/34 Attention 22787 68684 26074 ... 94564 87359 69614 Attention (message repeated) Out	USB	(AB)
E17z	16780	5-8	0800	Thu	217 438 5 21767 53672 11834 81022 36903 438 5 00000	USB	(AB)
E17z	12850	5-8	0810	Thu	217 438 5 21767 53672 11834 81022 36903 438 5 00000	USB	(AB)
E17z	16780	12-8	0800	Thu	217 438 5 21767 53672 11834 81022 36903 438 5 00000	USB	(AB)
E17z	12850	12-8	0810	Thu	217 438 5 21767 53672 11834 81022 36903 438 5 00000	USB	(AB)
E17z	16780	19-8	0800	Thu	217 830 5 04537 87875 47152 23486 80331 830 5 00000	USB	(AB)
E17z	12850	19-8	0810	Thu	217 830 5 04537 87875 47152 23486 80331 830 5 00000	USB	(AB)
E17z	16780	26-8	0800	Thu	217 830 5 04537 87875 47152 23486 80331 830 5 00000	USB	(AB)
E17z	12850	26-8	0810	Thu	217 830 5 04537 87875 47152 23486 80331 830 5 00000	USB	(AB)
F01	11076	2-8	1015	Mon	Russian diplo/intel. 08243 37202 73845 ... 34215 21423 00000 +++++	FSK 200/500	(AB)
F01	9164	2-8	1025	Mon	Russian diplo/intel. 08243 37202 73845 ... 34215 21423 00000 +++++	FSK 200/500	(AB-RUS)
F01	7316	2-8	1035	Mon	Russian diplo/intel. 08243 37202 73845 ... 34215 21423 00000 +++++	FSK 200/500	(AB-RUS)
F01	11076	3-8	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	9164	3-8	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7316	3-8	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11076	4-8	1015	Wed	Russian diplo/intel. 10500 68501 30189 ... 77590 32212 24413 00000 +++++ +++++	FSK 200/500	(AB/HFD-RUS)
F01	9164	4-8	1025	Wed	Russian diplo/intel. 10500 68501 30189 ... 77590 32212 24413 00000 +++++ +++++	FSK 200/500	(AB-RUS/HFD-RUS)
F01	7316	4-8	1035	Wed	Russian diplo/intel. 10500 68501 30189 ... 77590 32212 24413 00000 +++++ +++++	FSK 200/500	(AB-RUS/HFD-RUS)
F01	15854	4-8	1840	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	13543	4-8	1850	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11126	4-8	1900	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11076	5-8	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9164	5-8	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7316	5-8	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11076	6-8	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9164	6-8	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7316	6-8	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11076	9-8	1015	Mon	Russian diplo/intel. 46474 30141 36250 ... 15701 45392 27407 00000 +++++ +++++	FSK 200/500	(AB)
F01	9164	9-8	1025	Mon	Russian diplo/intel. 46474 30141 36250 ... 15701 45392 27407 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7316	9-8	1035	Mon	Russian diplo/intel. 46474 30141 36250 ... 15701 45392 27407 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11076	10-8	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9164	10-8	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7316	10-8	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11076	11-8	1015	Wed	Russian diplo/intel. 75083 84361 57726 ... 62876 45044 30411 00000 +++++	FSK 200/500	(AB)
F01	9164	11-8	1025	Wed	Russian diplo/intel. 75083 84361 57726 ... 62876 45044 30411 00000 +++++	FSK 200/500	(AB-RUS)
F01	7316	11-8	1035	Wed	Russian diplo/intel. 75083 84361 57726 ... 62876 45044 30411 00000 +++++	FSK 200/500	(AB-RUS)
F01	11076	12-8	1015	Thu	Russian diplo/intel. Two messages. Wrong shift	FSK 200/1000	(AB-RUS)
F01	9164	12-8	1025	Thu	Russian diplo/intel. Two messages. Wrong shift	FSK 200/1000	(AB-RUS)

F01	7316	12-8	1035	Thu	Russian diplo/intel. Two messages. Wrong shift	FSK 200/1000	(AB-RUS)
F01	11076	13-8	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9164	13-8	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7316	13-8	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11076	16-8	1015	Mon	Russian diplo/intel. 28334 11870 07614 ... 29725 74011 04448 33425 00000 +++++ +++++	FSK 200/500	(AB)
F01	9164	16-8	1025	Mon	Russian diplo/intel. 28334 11870 07614 ... 29725 74011 04448 33425 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7316	16-8	1035	Mon	Russian diplo/intel. 28334 11870 07614 ... 29725 74011 04448 33425 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11076	17-8	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9164	17-8	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7316	17-8	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11076	18-8	1015	Wed	Russian diplo/intel. 20519 00253 41531 ... 37471 13688 36431 00000 +++++ +++++	FSK 200/500	(AB)
F01	9164	18-8	1025	Wed	Russian diplo/intel. 20519 00253 41531 ... 37471 13688 36431 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7316	18-8	1035	Wed	Russian diplo/intel. 20519 00253 41531 ... 37471 13688 36431 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11076	19-8	1015	Thu	Russian diplo/intel. Two messages	FSK 200/1000	(AB)
F01	9164	19-8	1025	Thu	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
F01	7316	19-8	1035	Thu	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
F01	11076	20-8	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9164	20-8	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7316	20-8	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11076	23-8	1015	Mon	Russian diplo/intel. 60389 15386 76466 ... 00615 59688 39413 00000 +++++ +++++	FSK 200/500	(AB)
F01	9164	23-8	1025	Mon	Russian diplo/intel. 60389 15386 76466 ... 00615 59688 39413 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7316	23-8	1035	Mon	Russian diplo/intel. 60389 15386 76466 ... 00615 59688 39413 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11076	24-8	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9164	24-8	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7316	24-8	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11076	25-8	1015	Wed	Russian diplo/intel. 69141 11943 95724 ... 39736 78306 42417 00000 +++++	FSK 200/500	(AB-RUS)
F01	9164	25-8	1025	Wed	Russian diplo/intel. 69141 11943 95724 ... 39736 78306 42417 00000 +++++	FSK 200/500	(AB-RUS)
F01	7316	25-8	1035	Wed	Russian diplo/intel. 69141 11943 95724 ... 39736 78306 42417 00000 +++++	FSK 200/500	(AB-RUS)
F01	11076	26-8	1015	Thu	Russian diplo/intel. Two messages	FSK 200/1000	(AB)
F01	9164	26-8	1025	Thu	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
F01	7316	26-8	1035	Thu	Russian diplo/intel. Two messages	FSK 200/1000	(AB-RUS)
F01	11076	27-8	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9164	27-8	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7316	27-8	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11076	30-8	1015	Mon	Russian diplo/intel. 09761 24010 61398 ... 24140 15705 45411 00000 +++++	FSK 200/500	(AB)
F01	9164	30-8	1025	Mon	Russian diplo/intel. 09761 24010 61398 ... 24140 15705 45411 00000 +++++	FSK 200/500	(AB-RUS)
F01	7316	30-8	1035	Mon	Russian diplo/intel. 09761 24010 61398 ... 24140 15705 45411 00000 +++++	FSK 200/500	(AB-RUS)
F01	11076	31-8	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	9164	31-8	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7316	31-8	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F03j	17410	2-8	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	2-8	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	10210	2-8	0735	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	2-8	0740	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	2-8	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	2-8	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	2-8	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	2-8	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	3-8	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	3-8	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	3-8	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	3-8	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	3-8	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	3-8	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	3-8	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	3-8	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	3-8	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	3-8	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	3-8	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	3-8	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	4-8	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	4-8	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	4-8	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	4-8	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	4-8	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	4-8	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	4-8	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	4-8	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	5-8	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	5-8	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	5-8	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	5-8	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	5-8	0735	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	5-8	0740	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	5-8	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	5-8	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	5-8	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	5-8	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	6-8	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	6-8	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	6-8	0900	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	6-8	0905	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	6-8	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	6-8	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	17410	9-8	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	9-8	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	9-8	0735	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	9-8	0740	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	9-8	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	9-8	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	9-8	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	9-8	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	10-8	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	10-8	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	10-8	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	10-8	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	10-8	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	10-8	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	10-8	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	10-8	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	10-8	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	10-8	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	10-8	0945	Tue	Polish intel. Test tone, no transmission	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	10-8	0950	Tue	Polish intel. Test tone, no transmission	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	11-8	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	11-8	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	11-8	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	11-8	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	11-8	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	11-8	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	11-8	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	11-8	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	12-8	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	12-8	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	12-8	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	12-8	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	12-8	0735	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	12-8	0740	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	12-8	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	12-8	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	12-8	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	12-8	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	13-8	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	13-8	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	13-8	0900	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	13-8	0905	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	7663	13-8	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	13-8	0947	Fri	Polish intel. Error, should be sent at 0950z	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	13-8	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	16-8	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	16-8	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	16-8	0735	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	16-8	0740	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	16-8	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	16-8	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6923	16-8	0930	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(linkz)
F03j	6923	16-8	0935	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(linkz)
F03j	8423	16-8	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	16-8	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	17-8	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	17-8	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	17-8	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	17-8	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	17-8	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	17-8	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	17-8	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	17-8	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	17-8	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	17-8	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	17-8	0945	Tue	Polish intel. Test tone, no transmission	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	17-8	0950	Tue	Polish intel. Test tone, no transmission	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	18-8	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	18-8	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	18-8	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	18-8	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	18-8	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	18-8	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	18-8	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	18-8	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	19-8	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	19-8	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	19-8	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	19-8	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	19-8	0735	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	19-8	0740	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	19-8	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	19-8	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	19-8	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	6304	19-8	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	20-8	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	20-8	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	20-8	0900	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	20-8	0905	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	20-8	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	20-8	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	23-8	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	23-8	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	23-8	0735	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	23-8	0740	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	23-8	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	23-8	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6923	23-8	0930	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(linkz)
F03j	6923	23-8	0935	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(linkz)
F03j	8423	23-8	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	23-8	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	24-8	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	24-8	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	24-8	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	24-8	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	24-8	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	24-8	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	24-8	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	24-8	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	24-8	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	24-8	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	24-8	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	24-8	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	25-8	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	25-8	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	25-8	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	25-8	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	25-8	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	25-8	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	25-8	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	25-8	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	26-8	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	26-8	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	26-8	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	26-8	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10210	26-8	0735	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	10210	26-8	0740	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	26-8	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	26-8	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	26-8	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	26-8	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	27-8	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	27-8	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	27-8	0900	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	27-8	0905	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	30-8	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	30-8	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	30-8	0735	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	30-8	0740	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	30-8	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12397	30-8	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6923	30-8	0930	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(linkz)
F03j	6923	30-8	0935	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(linkz)
F03j	8423	30-8	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	30-8	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	31-8	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	31-8	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	31-8	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	31-8	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	31-8	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	31-8	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	31-8	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	31-8	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	31-8	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9950	31-8	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	31-8	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	31-8	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03l	7469	2-8	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	7469	2-8	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	6304	2-8	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03l	6304	2-8	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03l	14865	3-8	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14865	3-8	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	12385	3-8	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03l	12385	3-8	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03l	14410	4-8	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14410	4-8	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	7469	4-8	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	7469	4-8	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	4-8	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	4-8	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	5-8	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	5-8	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	5-8	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	5-8	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	5-8	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	5-8	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	5-8	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	5-8	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7469	9-8	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	9-8	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	9-8	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	9-8	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	10-8	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	10-8	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	10-8	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	10-8	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	11-8	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	11-8	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	11-8	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	11-8	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	11-8	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	11-8	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	12-8	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	12-8	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	12-8	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	12-8	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	12-8	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	12-8	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	12-8	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	12-8	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7469	16-8	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	16-8	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	16-8	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	16-8	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	17-8	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	17-8	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	17-8	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	17-8	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	17-8	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)

F03I	12385	17-8	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	14410	18-8	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	18-8	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	18-8	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	18-8	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	18-8	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	18-8	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	19-8	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	19-8	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	19-8	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	14865	19-8	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	12385	19-8	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	19-8	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	19-8	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	19-8	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7469	23-8	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	23-8	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	23-8	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	23-8	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	14865	24-8	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	24-8	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	24-8	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	24-8	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	24-8	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	24-8	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7469	25-8	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	25-8	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	25-8	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	25-8	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	26-8	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14410	26-8	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14865	26-8	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	14865	26-8	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	12385	26-8	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	26-8	1805	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	26-8	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	26-8	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	30-8	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	30-8	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	30-8	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	30-8	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	14865	31-8	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	14865	31-8	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	31-8	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6433	31-8	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	31-8	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	31-8	1805	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F06	17428	1-8	1530	Sun	Russian diplo/intel. 11166 10053 14789 01021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15786	1-8	1540	Sun	Russian diplo/intel. 11166 10053 14789 01021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12228	1-8	1550	Sun	Russian diplo/intel. 11166 10053 14789 01021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10263	2-8	0400	Mon	Russian diplo/intel. 11166 70059 17935 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8126	2-8	0410	Mon	Russian diplo/intel. 11166 70059 17935 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6888	2-8	0420	Mon	Russian diplo/intel. 11166 70059 17935 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13509	2-8	0700	Mon	Russian diplo/intel. 11166 70202 46978 30050 02559	FSK 200/1000	(AB)
F06	11076	2-8	0710	Mon	Russian diplo/intel. 11166 70202 46978 30050 02559	FSK 200/1000	(AB)
F06	9053	2-8	0720	Mon	Russian diplo/intel. 11166 70202 46978 30050 02559	FSK 200/1000	(AB)
F06	12138	2-8	1200	Mon	Russian diplo/intel. 11166 70202 46978 30050 02559	FSK 200/1000	(AB)
F06	10394	2-8	1210	Mon	Russian diplo/intel. 11166 70202 46978 30050 02559	FSK 200/1000	(AB)
F06	8076	2-8	1220	Mon	Russian diplo/intel. 11166 70202 46978 30050 02559	FSK 200/1000	(AB)
F06	13509	3-8	0700	Tue	Russian diplo/intel. 11166 70202 94613 02051 01579 and 11166 70202 58246 02052 01779	FSK 200/1000	(AB)
F06	11076	3-8	0710	Tue	Russian diplo/intel. 11166 70202 94613 02051 01579 and 11166 70202 58246 02052 01779	FSK 200/1000	(AB)
F06	9053	3-8	0720	Tue	Russian diplo/intel. 11166 70202 94613 02051 01579 and 11166 70202 58246 02052 01779	FSK 200/1000	(AB)
F06	12138	3-8	1200	Tue	Russian diplo/intel. 11166 70202 94613 02051 01579 and 11166 70202 58246 02052 01779	FSK 200/1000	(AB/MPJ)
F06	10394	3-8	1210	Tue	Russian diplo/intel. 11166 70202 94613 02051 01579 and 11166 70202 58246 02052 01779	FSK 200/1000	(AB/MPJ)
F06	8076	3-8	1220	Tue	Russian diplo/intel. 11166 70202 94613 02051 01579 and 11166 70202 58246 02052 01779	FSK 200/1000	(AB/MPJ)
F06	17534	3-8	1650	Tue	Russian diplo/intel. 11166 10053 89632 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15613	3-8	1700	Tue	Russian diplo/intel. 11166 10053 89632 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12215	3-8	1710	Tue	Russian diplo/intel. 11166 10053 89632 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16346	4-8	0600	Wed	Russian diplo/intel. 11166 40122 86259 31058 04589	FSK 200/1000	(AB-J)
F06	14847	4-8	0610	Wed	Russian diplo/intel. 11166 40122 86259 31058 04589	FSK 200/1000	(AB-KOR)
F06	12223	4-8	0620	Wed	Russian diplo/intel. 11166 40122 86259 31058 04589	FSK 200/1000	(AB-J)
F06	13509	4-8	0700	Wed	Russian diplo/intel. 11166 70202 46798 03053 02559	FSK 200/1000	(AB)
F06	11076	4-8	0710	Wed	Russian diplo/intel. 11166 70202 46798 03053 02559	FSK 200/1000	(AB)
F06	9053	4-8	0720	Wed	Russian diplo/intel. 11166 70202 46798 03053 02559	FSK 200/1000	(AB)
F06	12138	4-8	1200	Wed	Russian diplo/intel. 11166 70202 46798 03053 02559	FSK 200/1000	(AB)
F06	10394	4-8	1210	Wed	Russian diplo/intel. 11166 70202 46798 03053 02559	FSK 200/1000	(AB)
F06	8076	4-8	1220	Wed	Russian diplo/intel. 11166 70202 46798 03053 02559	FSK 200/1000	(AB)
F06	16346	5-8	0600	Thu	Russian diplo/intel. 11166 40122 86259 31058 04589	FSK 200/1000	(AB-J)
F06	14847	5-8	0610	Thu	Russian diplo/intel. 11166 40122 86259 31058 04589	FSK 200/1000	(AB-KOR)
F06	12223	5-8	0620	Thu	Russian diplo/intel. 11166 40122 86259 31058 04589	FSK 200/1000	(AB-J)
F06	13509	5-8	0700	Thu	Russian diplo/intel. 11166 70202 96274 04054 01739 and 11166 70202 38241 04055 01879	FSK 200/1000	(AB)
F06	11076	5-8	0710	Thu	Russian diplo/intel. 11166 70202 96274 04054 01739 and 11166 70202 38241 04055 01879	FSK 200/1000	(AB)
F06	9053	5-8	0720	Thu	Russian diplo/intel. 11166 70202 96274 04054 01739 and 11166 70202 38241 04055 01879	FSK 200/1000	(AB)
F06	12138	5-8	1200	Thu	Russian diplo/intel. 11166 70202 96274 04054 01739 and 11166 70202 38241 04055 01879	FSK 200/1000	(AB)

F06	10394	5-8	1210	Thu	Russian diplo/intel. 11166 70202 96274 04054 01739 and 11166 70202 38241 04055 01879	FSK 200/1000	(AB)
F06	8076	5-8	1220	Thu	Russian diplo/intel. 11166 70202 96274 04054 01739 and 11166 70202 38241 04055 01879	FSK 200/1000	(AB)
F06	14978	5-8	1330	Thu	Russian diplo/intel. 11166 80214 96521 05027 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12216	5-8	1340	Thu	Russian diplo/intel. 11166 80214 96521 05027 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10164	5-8	1350	Thu	Russian diplo/intel. 11166 80214 96521 05027 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13509	6-8	0700	Fri	Russian diplo/intel. 11166 70202 97524 06041 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11076	6-8	0710	Fri	Russian diplo/intel. 11166 70202 97524 06041 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9053	6-8	0720	Fri	Russian diplo/intel. 11166 70202 97524 06041 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17428	8-8	1530	Sun	Russian diplo/intel. 11166 10053 78946 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/RL)
F06	15786	8-8	1540	Sun	Russian diplo/intel. 11166 10053 78946 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/RL)
F06	12228	8-8	1550	Sun	Russian diplo/intel. 11166 10053 78946 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/RL)
F06	13509	9-8	0700	Mon	Russian diplo/intel. 11166 70202 35147 06056 02579	FSK 200/1000	(AB)
F06	11076	9-8	0710	Mon	Russian diplo/intel. 11166 70202 35147 06056 02579	FSK 200/1000	(AB)
F06	9053	9-8	0720	Mon	Russian diplo/intel. 11166 70202 35147 06056 02579	FSK 200/1000	(AB)
F06	12138	9-8	1200	Mon	Russian diplo/intel. 11166 70202 35147 06056 02579	FSK 200/1000	(AB)
F06	10394	9-8	1210	Mon	Russian diplo/intel. 11166 70202 35147 06056 02579	FSK 200/1000	(AB)
F06	8076	9-8	1220	Mon	Russian diplo/intel. 11166 70202 35147 06056 02579	FSK 200/1000	(AB)
F06	10736	10-8	0030	Tue	Russian diplo/intel. Link 60070. Null message	FSK 200/1000	(AB)
F06	13509	10-8	0700	Tue	Russian diplo/intel. 11166 70202 12549 09057 01799 and 11166 70202 54839 09058 01639	FSK 200/1000	(AB-RUS)
F06	11076	10-8	0710	Tue	Russian diplo/intel. 11166 70202 12549 09057 01799 and 11166 70202 54839 09058 01639	FSK 200/1000	(AB)
F06	9053	10-8	0720	Tue	Russian diplo/intel. 11166 70202 12549 09057 01799 and 11166 70202 54839 09058 01639	FSK 200/1000	(AB)
F06	12138	10-8	1200	Tue	Russian diplo/intel. 11166 70202 12549 09057 01799 and 11166 70202 54839 09058 01639	FSK 200/1000	(AB)
F06	10394	10-8	1210	Tue	Russian diplo/intel. 11166 70202 12549 09057 01799 and 11166 70202 54839 09058 01639	FSK 200/1000	(AB)
F06	8076	10-8	1220	Tue	Russian diplo/intel. 11166 70202 12549 09057 01799 and 11166 70202 54839 09058 01639	FSK 200/1000	(AB)
F06	17534	10-8	1650	Tue	Russian diplo/intel. 11166 10053 15973 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15613	10-8	1700	Tue	Russian diplo/intel. 11166 10053 15973 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12215	10-8	1710	Tue	Russian diplo/intel. 11166 10053 15973 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16346	11-8	0600	Wed	Russian diplo/intel. 11166 40122 97641 07059 03049 and 11166 40122 35741 07060 02729	FSK 200/1000	(AB-KOR)
F06	14847	11-8	0610	Wed	Russian diplo/intel. 11166 40122 97641 07059 03049 and 11166 40122 35741 07060 02729	FSK 200/1000	(AB-KOR)
F06	12223	11-8	0620	Wed	Russian diplo/intel. 11166 40122 97641 07059 03049 and 11166 40122 35741 07060 02729	FSK 200/1000	(AB-J)
F06	13509	11-8	0700	Wed	Russian diplo/intel. 11166 70202 15648 10059 02899	FSK 200/1000	(AB)
F06	11076	11-8	0710	Wed	Russian diplo/intel. 11166 70202 15648 10059 02899	FSK 200/1000	(AB)
F06	9053	11-8	0720	Wed	Russian diplo/intel. 11166 70202 15648 10059 02899	FSK 200/1000	(AB)
F06	16046	11-8	0800	Wed	Russian diplo/intel. 11166 00052 69321 11090 01939	FSK 200/1000	(AB)
F06	14354	11-8	0810	Wed	Russian diplo/intel. 11166 00052 69321 11090 01939	FSK 200/1000	(AB)
F06	12228	11-8	0820	Wed	Russian diplo/intel. 11166 00052 69321 11090 01939	FSK 200/1000	(AB)
F06	12138	11-8	1200	Wed	Russian diplo/intel. 11166 70202 15648 10059 02899	FSK 200/1000	(AB)
F06	10394	11-8	1210	Wed	Russian diplo/intel. 11166 70202 15648 10059 02899	FSK 200/1000	(AB)
F06	8076	11-8	1220	Wed	Russian diplo/intel. 11166 70202 15648 10059 02899	FSK 200/1000	(AB)
F06	16346	12-8	0600	Thu	Russian diplo/intel. 11166 40122 97641 07059 03049 and 11166 40122 35741 07060 02729	FSK 200/1000	(AB-KOR)
F06	14847	12-8	0610	Thu	Russian diplo/intel. 11166 40122 97641 07059 03049 and 11166 40122 35741 07060 02729	FSK 200/1000	(AB-KOR)
F06	12223	12-8	0620	Thu	Russian diplo/intel. 11166 40122 97641 07059 03049 and 11166 40122 35741 07060 02729	FSK 200/1000	(AB-J)

F06	13509	12-8	0700	Thu	Russian diplo/intel. 11166 70202 25869 11060 01999 and 11166 70202 15984 11061 02159	FSK 200/1000	(AB)
F06	11076	12-8	0710	Thu	Russian diplo/intel. 11166 70202 25869 11060 01999 and 11166 70202 15984 11061 02159	FSK 200/1000	(AB)
F06	9053	12-8	0720	Thu	Russian diplo/intel. 11166 70202 25869 11060 01999 and 11166 70202 15984 11061 02159	FSK 200/1000	(AB)
F06	16046	12-8	0800	Thu	Russian diplo/intel. 11166 00052 69321 11090 01939	FSK 200/1000	(AB)
F06	14354	12-8	0810	Thu	Russian diplo/intel. 11166 00052 69321 11090 01939	FSK 200/1000	(AB)
F06	12228	12-8	0820	Thu	Russian diplo/intel. 11166 00052 69321 11090 01939	FSK 200/1000	(AB)
F06	12138	12-8	1200	Thu	Russian diplo/intel. 11166 70202 25869 11060 01999 and 11166 70202 15984 11061 02159	FSK 200/1000	(AB/MPJ)
F06	10394	12-8	1210	Thu	Russian diplo/intel. 11166 70202 25869 11060 01999 and 11166 70202 15984 11061 02159	FSK 200/1000	(AB/MPJ)
F06	8076	12-8	1220	Thu	Russian diplo/intel. 11166 70202 25869 11060 01999 and 11166 70202 15984 11061 02159	FSK 200/1000	(AB/MPJ)
F06	14978	12-8	1330	Thu	Russian diplo/intel. 11166 80214 36491 12014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12216	12-8	1340	Thu	Russian diplo/intel. 11166 80214 36491 12014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10164	12-8	1350	Thu	Russian diplo/intel. 11166 80214 36491 12014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13509	13-8	0700	Fri	Russian diplo/intel. 11166 70202 37651 13035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11076	13-8	0710	Fri	Russian diplo/intel. 11166 70202 37651 13035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9053	13-8	0720	Fri	Russian diplo/intel. 11166 70202 37651 13035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17428	15-8	1530	Sun	Russian diplo/intel. 11166 10053 15936 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15786	15-8	1540	Sun	Russian diplo/intel. 11166 10053 15936 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12228	15-8	1550	Sun	Russian diplo/intel. 11166 10053 15936 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10263	16-8	0400	Mon	Russian diplo/intel. 11166 70059 75321 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8126	16-8	0410	Mon	Russian diplo/intel. 11166 70059 75321 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6888	16-8	0420	Mon	Russian diplo/intel. 11166 70059 75321 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13509	16-8	0700	Mon	Russian diplo/intel. 11166 70202 97524 13062 02599	FSK 200/1000	(AB)
F06	11076	16-8	0710	Mon	Russian diplo/intel. 11166 70202 97524 13062 02599	FSK 200/1000	(AB)
F06	9053	16-8	0720	Mon	Russian diplo/intel. 11166 70202 97524 13062 02599	FSK 200/1000	(AB)
F06	12138	16-8	1200	Mon	Russian diplo/intel. 11166 70202 97524 13062 02599	FSK 200/1000	(AB)
F06	10394	16-8	1210	Mon	Russian diplo/intel. 11166 70202 97524 13062 02599	FSK 200/1000	(AB)
F06	8076	16-8	1220	Mon	Russian diplo/intel. 11166 70202 97524 13062 02599	FSK 200/1000	(AB)
F06	10736	17-8	0030	Tue	Russian diplo/intel. 11166 60070 15973 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9419	17-8	0040	Tue	Russian diplo/intel. 11166 60070 15973 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8121	17-8	0050	Tue	Russian diplo/intel. 11166 60070 15973 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13509	17-8	0700	Tue	Russian diplo/intel. 11166 70202 21548 16063 01979 and 11166 70202 35914 16064 02179	FSK 200/1000	(AB-RUS)
F06	11076	17-8	0710	Tue	Russian diplo/intel. 11166 70202 21548 16063 01979 and 11166 70202 35914 16064 02179	FSK 200/1000	(AB)
F06	9053	17-8	0720	Tue	Russian diplo/intel. 11166 70202 21548 16063 01979 and 11166 70202 35914 16064 02179	FSK 200/1000	(AB)
F06	12138	17-8	1200	Tue	Russian diplo/intel. 11166 70202 21548 16063 01979 and 11166 70202 35914 16064 02179	FSK 200/1000	(AB/MPJ)
F06	10394	17-8	1210	Tue	Russian diplo/intel. 11166 70202 21548 16063 01979 and 11166 70202 35914 16064 02179	FSK 200/1000	(AB/MPJ)
F06	8076	17-8	1220	Tue	Russian diplo/intel. 11166 70202 21548 16063 01979 and 11166 70202 35914 16064 02179	FSK 200/1000	(AB/MPJ)
F06	17534	17-8	1650	Tue	Russian diplo/intel. 11166 10053 14789 17073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15613	17-8	1700	Tue	Russian diplo/intel. 11166 10053 14789 17073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12215	17-8	1710	Tue	Russian diplo/intel. 11166 10053 14789 17073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16346	18-8	0600	Wed	Russian diplo/intel. 11166 40122 28574 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	14847	18-8	0610	Wed	Russian diplo/intel. 11166 40122 28574 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	12223	18-8	0620	Wed	Russian diplo/intel. 11166 40122 28574 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)

F06	13509	18-8	0700	Wed	Russian diplo/intel. 11166 70202 14758 17065 02239	FSK 200/1000	(AB)
F06	11076	18-8	0710	Wed	Russian diplo/intel. 11166 70202 14758 17065 02239	FSK 200/1000	(AB)
F06	9053	18-8	0720	Wed	Russian diplo/intel. 11166 70202 14758 17065 02239	FSK 200/1000	(AB)
F06	12138	18-8	1200	Wed	Russian diplo/intel. 11166 70202 14758 17065 02239	FSK 200/1000	(AB)
F06	10394	18-8	1210	Wed	Russian diplo/intel. 11166 70202 14758 17065 02239	FSK 200/1000	(AB)
F06	8076	18-8	1220	Wed	Russian diplo/intel. 11166 70202 14758 17065 02239	FSK 200/1000	(AB)
F06	13509	19-8	0700	Thu	Russian diplo/intel. 11166 70202 12548 18066 01859 and 11166 70202 58674 18067 01959	FSK 200/1000	(AB)
F06	11076	19-8	0710	Thu	Russian diplo/intel. 11166 70202 12548 18066 01859 and 11166 70202 58674 18067 01959	FSK 200/1000	(AB)
F06	9053	19-8	0720	Thu	Russian diplo/intel. 11166 70202 12548 18066 01859 and 11166 70202 58674 18067 01959	FSK 200/1000	(AB)
F06	12138	19-8	1200	Thu	Russian diplo/intel. 11166 70202 12548 18066 01859 and 11166 70202 58674 18067 01959	FSK 200/1000	(AB)
F06	10394	19-8	1210	Thu	Russian diplo/intel. 11166 70202 12548 18066 01859 and 11166 70202 58674 18067 01959	FSK 200/1000	(AB)
F06	8076	19-8	1220	Thu	Russian diplo/intel. 11166 70202 12548 18066 01859 and 11166 70202 58674 18067 01959	FSK 200/1000	(AB)
F06	14978	19-8	1330	Thu	Russian diplo/intel. 11166 80214 65741 19023 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12216	19-8	1340	Thu	Russian diplo/intel. 11166 80214 65741 19023 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10164	19-8	1350	Thu	Russian diplo/intel. 11166 80214 65741 19023 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13509	20-8	0700	Fri	Russian diplo/intel. 11166 70202 25874 20059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11076	20-8	0710	Fri	Russian diplo/intel. 11166 70202 25874 20059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9053	20-8	0720	Fri	Russian diplo/intel. 11166 70202 25874 20059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17428	22-8	1530	Sun	Russian diplo/intel. 11166 10053 15973 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	15786	22-8	1540	Sun	Russian diplo/intel. 11166 10053 15973 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12228	22-8	1550	Sun	Russian diplo/intel. 11166 10053 15973 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13509	23-8	0700	Mon	Russian diplo/intel. 11166 70202 47259 20068 02299	FSK 200/1000	(AB)
F06	11076	23-8	0710	Mon	Russian diplo/intel. 11166 70202 47259 20068 02299	FSK 200/1000	(AB)
F06	9053	23-8	0720	Mon	Russian diplo/intel. 11166 70202 47259 20068 02299	FSK 200/1000	(AB)
F06	12138	23-8	1200	Mon	Russian diplo/intel. 11166 70202 47259 20068 02299	FSK 200/1000	(AB/MPJ)
F06	10394	23-8	1210	Mon	Russian diplo/intel. 11166 70202 47259 20068 02299	FSK 200/1000	(AB/MPJ)
F06	8076	23-8	1220	Mon	Russian diplo/intel. 11166 70202 47259 20068 02299	FSK 200/1000	(AB/MPJ)
F06	10736	24-8	0030	Tue	Russian diplo/intel. 11166 60070 85214 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9419	24-8	0040	Tue	Russian diplo/intel. 11166 60070 85214 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8121	24-8	0050	Tue	Russian diplo/intel. 11166 60070 85214 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13509	24-8	0700	Tue	Russian diplo/intel. 11166 70202 14983 23069 01939 and 11166 70202 75249 23070 02139	FSK 200/1000	(AB-RUS)
F06	11076	24-8	0710	Tue	Russian diplo/intel. 11166 70202 14983 23069 01939 and 11166 70202 75249 23070 02139	FSK 200/1000	(AB)
F06	9053	24-8	0720	Tue	Russian diplo/intel. 11166 70202 14983 23069 01939 and 11166 70202 75249 23070 02139	FSK 200/1000	(AB)
F06	12138	24-8	1200	Tue	Russian diplo/intel. 11166 70202 14983 23069 01939 and 11166 70202 75249 23070 02139	FSK 200/1000	(AB/MPJ)
F06	10394	24-8	1210	Tue	Russian diplo/intel. 11166 70202 14983 23069 01939 and 11166 70202 75249 23070 02139	FSK 200/1000	(AB/MPJ)
F06	8076	24-8	1220	Tue	Russian diplo/intel. 11166 70202 14983 23069 01939 and 11166 70202 75249 23070 02139	FSK 200/1000	(AB/MPJ)
F06	17534	24-8	1650	Tue	Russian diplo/intel. 11166 10053 78541 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT/MPJ)
F06	15613	24-8	1700	Tue	Russian diplo/intel. 11166 10053 78541 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12215	24-8	1710	Tue	Russian diplo/intel. 11166 10053 78541 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16346	25-8	0600	Wed	Russian diplo/intel. 11166 40122 21309 21061 03439	FSK 200/1000	(AB-J)
F06	14847	25-8	0610	Wed	Russian diplo/intel. 11166 40122 21309 21061 03439	FSK 200/1000	(AB-J)
F06	12223	25-8	0620	Wed	Russian diplo/intel. 11166 40122 21309 21061 03439	FSK 200/1000	(AB-J)

F06	13509	25-8	0700	Wed	Russian diplo/intel. 11166 70202 31597 24071 02179	FSK 200/1000	(AB)
F06	11076	25-8	0710	Wed	Russian diplo/intel. 11166 70202 31597 24071 02179	FSK 200/1000	(AB)
F06	9053	25-8	0720	Wed	Russian diplo/intel. 11166 70202 31597 24071 02179	FSK 200/1000	(AB)
F06	16046	25-8	0800	Wed	Russian diplo/intel. 11166 00052 17935 25091 02259	FSK 200/1000	(AB)
F06	16046	25-8	0800	Wed	Russian diplo/intel. 11166 00052 17935 25091 02259	FSK 200/1000	(AB)
F06	14354	25-8	0810	Wed	Russian diplo/intel. 11166 00052 17935 25091 02259	FSK 200/1000	(AB)
F06	14354	25-8	0810	Wed	Russian diplo/intel. 11166 00052 17935 25091 02259	FSK 200/1000	(AB)
F06	12228	25-8	0820	Wed	Russian diplo/intel. 11166 00052 17935 25091 02259	FSK 200/1000	(AB)
F06	12228	25-8	0820	Wed	Russian diplo/intel. 11166 00052 17935 25091 02259	FSK 200/1000	(AB)
F06	12138	25-8	1200	Wed	Russian diplo/intel. 11166 70202 31597 24071 02179	FSK 200/1000	(AB/MPJ)
F06	10394	25-8	1210	Wed	Russian diplo/intel. 11166 70202 31597 24071 02179	FSK 200/1000	(AB/MPJ)
F06	8076	25-8	1220	Wed	Russian diplo/intel. 11166 70202 31597 24071 02179	FSK 200/1000	(AB/MPJ)
F06	16346	26-8	0600	Thu	Russian diplo/intel. 11166 40122 21309 21061 03439	FSK 200/1000	(AB-J)
F06	14847	26-8	0610	Thu	Russian diplo/intel. 11166 40122 21309 21061 03439	FSK 200/1000	(AB-J)
F06	12223	26-8	0620	Thu	Russian diplo/intel. 11166 40122 21309 21061 03439	FSK 200/1000	(AB-J)
F06	13509	26-8	0700	Thu	Russian diplo/intel. 11166 70202 36958 25072 02059 and 11166 70202 25861 25073 02099	FSK 200/1000	(AB)
F06	11076	26-8	0710	Thu	Russian diplo/intel. 11166 70202 36958 25072 02059 and 11166 70202 25861 25073 02099	FSK 200/1000	(AB)
F06	9053	26-8	0720	Thu	Russian diplo/intel. 11166 70202 36958 25072 02059 and 11166 70202 25861 25073 02099	FSK 200/1000	(AB)
F06	12138	26-8	1200	Thu	Russian diplo/intel. 11166 70202 36958 25072 02059 and 11166 70202 25861 25073 02099	FSK 200/1000	(AB/MPJ)
F06	10394	26-8	1210	Thu	Russian diplo/intel. 11166 70202 36958 25072 02059 and 11166 70202 25861 25073 02099	FSK 200/1000	(AB/MPJ)
F06	8076	26-8	1220	Thu	Russian diplo/intel. 11166 70202 36958 25072 02059 and 11166 70202 25861 25073 02099	FSK 200/1000	(AB/MPJ)
F06	14978	26-8	1330	Thu	Russian diplo/intel. 11166 80214 35724 26071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12216	26-8	1340	Thu	Russian diplo/intel. 11166 80214 35724 26071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10164	26-8	1350	Thu	Russian diplo/intel. 11166 80214 35724 26071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13509	27-8	0700	Fri	Russian diplo/intel. 11166 70202 32619 27089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11076	27-8	0710	Fri	Russian diplo/intel. 11166 70202 32619 27089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9053	27-8	0720	Fri	Russian diplo/intel. 11166 70202 32619 27089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17428	29-8	1530	Sun	Russian diplo/intel. 11166 10053 14789 29070 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	15786	29-8	1540	Sun	Russian diplo/intel. 11166 10053 14789 29070 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	12228	29-8	1550	Sun	Russian diplo/intel. 11166 10053 14789 29070 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13509	30-8	0700	Mon	Russian diplo/intel. 11166 70202 25847 27074 02739	FSK 200/1000	(AB)
F06	11076	30-8	0710	Mon	Russian diplo/intel. 11166 70202 25847 27074 02739	FSK 200/1000	(AB)
F06	9053	30-8	0720	Mon	Russian diplo/intel. 11166 70202 25847 27074 02739	FSK 200/1000	(AB)
F06	12138	30-8	1200	Mon	Russian diplo/intel. 11166 70202 25847 27074 02739	FSK 200/1000	(AB/MPJ)
F06	10394	30-8	1210	Mon	Russian diplo/intel. 11166 70202 25847 27074 02739	FSK 200/1000	(AB/MPJ)
F06	8076	30-8	1220	Mon	Russian diplo/intel. 11166 70202 25847 27074 02739	FSK 200/1000	(AB/MPJ)
F06	10736	31-8	0030	Tue	Russian diplo/intel. 11166 60070 15973 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9419	31-8	0040	Tue	Russian diplo/intel. 11166 60070 15973 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8121	31-8	0050	Tue	Russian diplo/intel. 11166 60070 15973 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13509	31-8	0700	Tue	Russian diplo/intel. 11166 70202 46821 30075 01679 and 11166 70202 25471 30076 01859	FSK 200/1000	(AB)
F06	11076	31-8	0710	Tue	Russian diplo/intel. 11166 70202 46821 30075 01679 and 11166 70202 25471 30076 01859	FSK 200/1000	(AB)
F06	9053	31-8	0720	Tue	Russian diplo/intel. 11166 70202 46821 30075 01679 and 11166 70202 25471 30076 01859	FSK 200/1000	(AB)

F06	12138	31-8	1200	Tue	Russian diplo/intel. 11166 70202 46821 30075 01679 and 11166 70202 25471 30076 01859	FSK 200/1000	(AB/MPJ)
F06	10394	31-8	1210	Tue	Russian diplo/intel. 11166 70202 46821 30075 01679 and 11166 70202 25471 30076 01859	FSK 200/1000	(AB/MPJ)
F06	8076	31-8	1220	Tue	Russian diplo/intel. 11166 70202 46821 30075 01679 and 11166 70202 25471 30076 01859	FSK 200/1000	(AB/MPJ)
F06	17534	31-8	1650	Tue	Russian diplo/intel. 11166 10053 25814 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	15613	31-8	1700	Tue	Russian diplo/intel. 11166 10053 25814 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12215	31-8	1710	Tue	Russian diplo/intel. 11166 10053 25814 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06a	18516	1-8	2100	Sun	Russian diplo/intel. File 04479 (704 bytes)	FSK 200/1000	(AB-RUS)
F06a	14878	1-8	2115	Sun	Russian diplo/intel. File 04479 (704 bytes)	FSK 200/1000	(AB-RUS)
F06a	12119	1-8	2130	Sun	Russian diplo/intel. File 04479 (704 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	6916	5-8	0400	Thu	Russian diplo/intel. File 04486 (1328 bytes)	FSK 200/1000	(AB)
F06a	5851	5-8	0415	Thu	Russian diplo/intel. File 04486 (1328 bytes)	FSK 200/1000	(AB)
F06a	4831	5-8	0430	Thu	Russian diplo/intel. File 04486 (1328 bytes)	FSK 200/1000	(AB)
F06a	6916	6-8	0400	Fri	Russian diplo/intel. File 04486 (1328 bytes)	FSK 200/1000	(AB)
F06a	5851	6-8	0415	Fri	Russian diplo/intel. File 04486 (1328 bytes)	FSK 200/1000	(AB)
F06a	4831	6-8	0430	Fri	Russian diplo/intel. File 04486 (1328 bytes)	FSK 200/1000	(AB)
F06a	17503	7-8	2100	Sat	Russian diplo/intel. File 04480 (944 bytes)	FSK 200/1000	(AB-RUS)
F06a	15763	7-8	2115	Sat	Russian diplo/intel. File 04480 (944 bytes)	FSK 200/1000	(AB-RUS)
F06a	13926	7-8	2130	Sat	Russian diplo/intel. File 04480 (944 bytes)	FSK 200/1000	(AB-RUS)
F06a	17503	8-8	2100	Sun	Russian diplo/intel. File 04480 (944 bytes)	FSK 200/1000	(AB-RUS)
F06a	15763	8-8	2115	Sun	Russian diplo/intel. File 04480 (944 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	13926	8-8	2130	Sun	Russian diplo/intel. File 04480 (944 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	6916	12-8	0400	Thu	Russian diplo/intel. File 04487 (992 bytes)	FSK 200/1000	(AB)
F06a	5851	12-8	0415	Thu	Russian diplo/intel. File 04487 (992 bytes)	FSK 200/1000	(AB)
F06a	4831	12-8	0430	Thu	Russian diplo/intel. File 04487 (992 bytes)	FSK 200/1000	(AB)
F06a	6916	13-8	0400	Fri	Russian diplo/intel. File 04487 (992 bytes)	FSK 200/1000	(AB)
F06a	5851	13-8	0415	Fri	Russian diplo/intel. File 04487 (992 bytes)	FSK 200/1000	(AB)
F06a	4831	13-8	0430	Fri	Russian diplo/intel. File 04487 (992 bytes)	FSK 200/1000	(AB)
F06a	17503	14-8	2100	Sat	Russian diplo/intel. File 04481 (784 bytes)	FSK 200/1000	(AB/SP1)
F06a	15763	14-8	2115	Sat	Russian diplo/intel. File 04481 (784 bytes)	FSK 200/1000	(AB/SP1)
F06a	13926	14-8	2130	Sat	Russian diplo/intel. File 04481 (784 bytes)	FSK 200/1000	(AB/SP1)
F06a	17503	15-8	2100	Sun	Russian diplo/intel. File 04481 (784 bytes)	FSK 200/1000	(AB/RL)
F06a	15763	15-8	2115	Sun	Russian diplo/intel. File 04481 (784 bytes)	FSK 200/1000	(AB)
F06a	13926	15-8	2130	Sun	Russian diplo/intel. File 04481 (784 bytes)	FSK 200/1000	(AB)
F06a	6916	19-8	0400	Thu	Russian diplo/intel. File 04488 (1024 bytes)	FSK 200/1000	(AB)
F06a	5851	19-8	0415	Thu	Russian diplo/intel. File 04488 (1024 bytes)	FSK 200/1000	(AB)
F06a	4831	19-8	0430	Thu	Russian diplo/intel. File 04488 (1024 bytes)	FSK 200/1000	(AB)
F06a	10687	19-8	1900	Thu	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	7992	19-8	1915	Thu	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	5913	19-8	1930	Thu	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	9064	19-8	2000	Thu	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	6790	19-8	2015	Thu	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	4565	19-8	2030	Thu	Russian diplo/intel.	FSK 200/1000	(linkz)

F06a	6916	20-8	0400	Fri	Russian diplo/intel. File 04488 (1024 bytes)	FSK 200/1000	(AB)
F06a	5851	20-8	0415	Fri	Russian diplo/intel. File 04488 (1024 bytes)	FSK 200/1000	(AB)
F06a	4831	20-8	0430	Fri	Russian diplo/intel. File 04488 (1024 bytes)	FSK 200/1000	(AB)
F06a	10687	20-8	1900	Fri	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	7992	20-8	1915	Fri	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	5913	20-8	1930	Fri	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	9064	20-8	2000	Fri	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	6790	20-8	2015	Fri	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	4565	20-8	2030	Fri	Russian diplo/intel.	FSK 200/1000	(linkz)
F06a	17503	21-8	2100	Sat	Russian diplo/intel. File 04482 (752 bytes)	FSK 200/1000	(AB-RUS)
F06a	15763	21-8	2115	Sat	Russian diplo/intel. File 04482 (752 bytes)	FSK 200/1000	(AB-RUS)
F06a	13926	21-8	2130	Sat	Russian diplo/intel. File 04482 (752 bytes)	FSK 200/1000	(AB-RUS)
F06a	17503	22-8	2100	Sun	Russian diplo/intel. File 04482 (752 bytes)	FSK 200/1000	(AB)
F06a	15763	22-8	2115	Sun	Russian diplo/intel. File 04482 (752 bytes)	FSK 200/1000	(AB)
F06a	13926	22-8	2130	Sun	Russian diplo/intel. File 04482 (752 bytes)	FSK 200/1000	(AB)
F06a	10687	23-8	1900	Mon	Russian diplo/intel. Files 44436, 44437	FSK 200/1000	(linkz)
F06a	7992	23-8	1915	Mon	Russian diplo/intel. Files 44436, 44437	FSK 200/1000	(linkz)
F06a	5913	23-8	1930	Mon	Russian diplo/intel. Files 44436, 44437	FSK 200/1000	(linkz)
F06a	9064	23-8	2000	Mon	Russian diplo/intel. Files 44436, 44437	FSK 200/1000	(linkz)
F06a	6790	23-8	2015	Mon	Russian diplo/intel. Files 44436, 44437	FSK 200/1000	(linkz)
F06a	4565	23-8	2030	Mon	Russian diplo/intel. Files 44436, 44437	FSK 200/1000	(linkz)
F06a	10687	25-8	1900	Wed	Russian diplo/intel. Files 44438, 44439, 44440, 44441	FSK 200/1000	(linkz)
F06a	7992	25-8	1915	Wed	Russian diplo/intel. Files 44438, 44439, 44440, 44441	FSK 200/1000	(linkz)
F06a	5913	25-8	1930	Wed	Russian diplo/intel. Files 44438, 44439, 44440, 44441	FSK 200/1000	(linkz)
F06a	9064	25-8	2000	Wed	Russian diplo/intel. Files 44438, 44439, 44440, 44441	FSK 200/1000	(linkz)
F06a	6790	25-8	2015	Wed	Russian diplo/intel. Files 44438, 44439, 44440, 44441	FSK 200/1000	(linkz)
F06a	4565	25-8	2030	Wed	Russian diplo/intel. Files 44438, 44439, 44440, 44441	FSK 200/1000	(linkz)
F06a	6916	26-8	0400	Thu	Russian diplo/intel. File 04489 (1024 bytes)	FSK 200/1000	(AB)
F06a	5851	26-8	0415	Thu	Russian diplo/intel. File 04489 (1024 bytes)	FSK 200/1000	(AB)
F06a	4831	26-8	0430	Thu	Russian diplo/intel. File 04489 (1024 bytes)	FSK 200/1000	(AB)
F06a	10687	26-8	1900	Thu	Russian diplo/intel. Files 44442, 44443	FSK 200/1000	(linkz)
F06a	7992	26-8	1915	Thu	Russian diplo/intel. Files 44442, 44443	FSK 200/1000	(linkz)
F06a	5913	26-8	1930	Thu	Russian diplo/intel. Files 44442, 44443	FSK 200/1000	(linkz)
F06a	9064	26-8	2000	Thu	Russian diplo/intel. Files 44442, 44443	FSK 200/1000	(linkz)
F06a	6790	26-8	2015	Thu	Russian diplo/intel. Files 44442, 44443	FSK 200/1000	(linkz)
F06a	4565	26-8	2030	Thu	Russian diplo/intel. Files 44442, 44443	FSK 200/1000	(linkz)
F06a	6916	27-8	0400	Fri	Russian diplo/intel. File 04489 (1024 bytes)	FSK 200/1000	(AB)
F06a	5851	27-8	0415	Fri	Russian diplo/intel. File 04489 (1024 bytes)	FSK 200/1000	(AB)
F06a	4831	27-8	0430	Fri	Russian diplo/intel. File 04489 (1024 bytes)	FSK 200/1000	(AB)
F06a	17503	28-8	2100	Sat	Russian diplo/intel. File 04483 (1024 bytes)	FSK 200/1000	(AB)
F06a	15763	28-8	2115	Sat	Russian diplo/intel. File 04483 (1024 bytes)	FSK 200/1000	(AB)
F06a	13926	28-8	2130	Sat	Russian diplo/intel. File 04483 (1024 bytes)	FSK 200/1000	(AB)

F06a	17503	29-8	2100	Sun	Russian diplo/intel. File 04483 (1024 bytes)	FSK 200/1000	(AB/RL)
F06a	15763	29-8	2115	Sun	Russian diplo/intel. File 04483 (1024 bytes)	FSK 200/1000	(AB/RL)
F06a	13926	29-8	2130	Sun	Russian diplo/intel. File 04483 (1024 bytes)	FSK 200/1000	(AB/RL)
F06a	10687	30-8	1900	Mon	Russian diplo/intel. File 04445	FSK 200/1000	(AB)
F06a	10687	30-8	1900	Mon	Russian diplo/intel. File 04445 (1632 bytes)	FSK 200/1000	(AB)
F06a	7992	30-8	1915	Mon	Russian diplo/intel. File 04445 (1632 bytes)	FSK 200/1000	(AB)
F06a	7992	30-8	1915	Mon	Russian diplo/intel. File 04445	FSK 200/1000	(AB)
F06a	5913	30-8	1930	Mon	Russian diplo/intel. File 04445 (1632 bytes)	FSK 200/1000	(PY)
F06a	5913	30-8	1930	Mon	Russian diplo/intel. File 04445	FSK 200/1000	(PY)
F06a	9064	30-8	2000	Mon	Russian diplo/intel. File 04445	FSK 200/1000	(AB)
F06a	9064	30-8	2000	Mon	Russian diplo/intel. File 04445 (1632 bytes)	FSK 200/1000	(AB)
F06a	6790	30-8	2015	Mon	Russian diplo/intel. File 04445	FSK 200/1000	(AB)
F06a	6790	30-8	2015	Mon	Russian diplo/intel. File 04445 (1632 bytes)	FSK 200/1000	(AB)
F06a	4565	30-8	2030	Mon	Russian diplo/intel. File 04445	FSK 200/1000	(AB)
F06a	4565	30-8	2030	Mon	Russian diplo/intel. File 04445 (1632 bytes)	FSK 200/1000	(AB)
F06a	10687	31-8	1900	Tue	Russian diplo/intel. File 40446	FSK 200/1000	(linkz)
F06a	7992	31-8	1915	Tue	Russian diplo/intel. File 40446	FSK 200/1000	(linkz)
F06a	5913	31-8	1930	Tue	Russian diplo/intel. File 40446	FSK 200/1000	(linkz)
F06a	9064	31-8	2000	Tue	Russian diplo/intel. File 40446	FSK 200/1000	(linkz)
F06a	6790	31-8	2015	Tue	Russian diplo/intel. File 40446	FSK 200/1000	(linkz)
F06a	4565	31-8	2030	Tue	Russian diplo/intel. File 40446	FSK 200/1000	(linkz)
HM01	11530	1-8	1700	Sun	14427 82028 12815 43556 63805 81641 (repeat of 29 July)	AM/RDFT	(RR2)
HM01	11635	1-8	2058	Sun	14427 82028 12815 43556 63805 81641 (repeat of 29 July)	AM/RDFT	(AB-USA)
HM01	11435	2-8	1600	Mon	14427 82028 12815 43556 63805 81641 (repeat of 29 July)	AM/RDFT	(AB-USA/RR2)
HM01	11435	3-8	1555	Tue	14428á41151á12816á43557á63806á81641	AM/RDFT	(RR2)
HM01	11530	4-8	1700	Wed	14429á41151á12817á70401á63807á81642	AM/RDFT	(AB)
HM01	11435	5-8	1630	Thu	26421á41152á12818á70401á63808á81643	AM/RDFT	(AB)
HM01	16180	5-8	2056	Thu	26421 41152 12818 70401 63808 81643	AM/RDFT	(RL)
HM01	11435	6-8	1557	Fri	26421 41153 60011 70402 63809 81644	AM/RDFT	(AB-USA/RR2)
HM01	11435	7-8	1557	Sat	26422 41154 60011 70403 35751 81645	AM/RDFT	(AB-USA)
HM01	11530	7-8	1700	Sat	26422 41154 60011 70403 35751 81645	AM/RDFT	(RR2)
HM01	11435	8-8	1630	Sun	26423 41155 60012 70404 35751 81646	AM/RDFT	(RR2)
HM01	11530	8-8	1700	Sun	26423 41155 60012 70404 35751 81646	AM/RDFT	(AB-USA)
HM01	11435	9-8	1610	Mon	Started while already i.p. 26424 41156 60013 70405 35752 81646	AM/RDFT	(AB-USA/RR2)
HM01	11435	10-8	1556	Tue	26425 41157 60014 70406 35753 81648	AM/RDFT	(RR2)
HM01	11435	11-8	1556	Wed	26426 54171 60015 70407 35754 81649	AM/RDFT	(AB-USA/RR2)
HM01	11435	12-8	1554	Thu	26427 54171 60016 70408 35755 48721	AM/RDFT	(AB-USA/RR2)
HM01	16180	12-8	2101	Thu	i.p. 26427 54171 60016 70408 35755 48721	AM/RDFT	(RL)
HM01	17480	12-8	2156	Thu	26427 54171 60016 70408 35755 48721	AM/RDFT	(RL)
HM01	11435	13-8	1556	Fri	26428 54172 60017 04131 35756 48721	AM/RDFT	(AB-USA)
HM01	11520	13-8	1830	Fri	26428 54172 60017 04131 35756 48721	AM/RDFT	(RR2)
HM01	11435	14-8	1600	Sat	26429 54173 60018 04131 35757 48722	AM/RDFT	(RR2)

HM01	11435	14-8	1626	Sat	26429 54173 60018 04131 35757 48722	AM/RDFT	(AB-USA)
HM01	16180	14-8	2102	Sat	i.p. 26429 54173 60018 04131 35757 48722	AM/RDFT	(RL)
HM01	17480	14-8	2156	Sat	26429 54173 60018 04131 35757 48722	AM/RDFT	(RL)
HM01	11435	15-8	1600	Sun	63421 54174 65861 04132 35758 48723	AM/RDFT	(RR2)
HM01	11435	15-8	1626	Sun	63421 54174 65861 04132 35758 48723	AM/RDFT	(AB-USA)
HM01	11435	16-8	1556	Mon	63421 54175 65861 04133 35759 48724	AM/RDFT	(AB-USA)
HM01	11530	16-8	1700	Mon	63421á54175á65861á04133á35759á48724	AM/RDFT	(RR2)
HM01	11530	17-8	1700	Tue	63422á54176á65862á04134á11271á48725	AM/RDFT	(RR2)
HM01	16180	17-8	2056	Tue	63422 54176 65862 04134 11271 48725	AM/RDFT	(RL)
HM01	17480	17-8	2156	Tue	63422 54176 65862 04134 11271 48725	AM/RDFT	(RL)
HM01	11435	18-8	1558	Wed	63423 54177 65863 04135 11271 48726	AM/RDFT	(AB-USA)
HM01	11530	18-8	1658	Wed	63423 54177 65863 04135 11271 48726	AM/RDFT	(RR2)
HM01	11435	19-8	1556	Thu	63424 54178 65864 04136 11272 48727	AM/RDFT	(RR2)
HM01	11435	20-8	1610	Fri	i.p. 63425 87721 65865 04137 11273 48728	AM/RDFT	(AB-USA)
HM01	11635	20-8	2100	Fri	63425 87721 65865 04137 11273 48728	AM/RDFT	(RR2)
HM01	11435	21-8	1630	Sat	63426 87721 65866 04138 11274 48729	AM/RDFT	(RR2)
HM01	16180	21-8	2056	Sat	63426 87721 65866 04138 11274 48729	AM/RDFT	(RL)
HM01	17480	21-8	2156	Sat	63426 87721 65866 04138 11274 48729	AM/RDFT	(RL)
HM01	11435	22-8	1630	Sun	63427 87722 65867 04139 11275 55511	AM/RDFT	(RR2)
HM01	11435	23-8	1556	Mon	67701 87723 65868 56711 11276 55511	AM/RDFT	(AB-USA)
HM01	11435	23-8	1625	Mon	67701 87723 65868 56711 11276 55511	AM/RDFT	(RR2)
HM01	11435	24-8	1557	Tue	67701 87724 65869 56711 11277 55512	AM/RDFT	(AB-USA/RR2)
HM01	11435	24-8	1656	Tue	67701 87724 65869 56711 11277 55512 Should be on 11530 kHz. Switched at 1657z	AM/RDFT	(AB-USA)
HM01	11530	24-8	1657	Tue	67701 87724 65869 56711 11277 55512	AM/RDFT	(AB-USA)
HM01	11435	25-8	1557	Wed	67702 87725 33011 56712 11278 55513	AM/RDFT	(AB-USA)
HM01	11435	25-8	1626	Wed	67702 87725 33011 56712 11278 55513	AM/RDFT	(RR2)
HM01	11530	25-8	1656	Wed	67702 87725 33011 56712 11278 55513	AM/RDFT	(AB-USA)
HM01	11435	26-8	1559	Thu	67703á87726á33011á56713á53021á55514	AM/RDFT	(AB-USA/RR2)
HM01	16180	26-8	2057	Thu	67703 87726 33011 56713 53021 55514	HM01	(AB)
HM01	17480	26-8	2156	Thu	67703 87726 33011 56713 53021 55514	HM01	(AB)
HM01	11435	27-8	1600	Fri	67704á87727á33012á56714á53021á55515	AM/RDFT	(RR2)
HM01	11435	28-8	1600	Sat	67705á87728á33013á56715á53022á55516	AM/RDFT	(RR2)
HM01	11435	28-8	1626	Sat	67705á87728á33013á56715á53022á55516	AM/RDFT	(AB-USA)
HM01	11435	29-8	1630	Sun	67706á87729á33014á56716á53023á55517	AM/RDFT	(RR2)
HM01	11530	29-8	1712	Sun	i.p. 67706á87729á33014á56716á53023á55517	AM/RDFT	(AB-USA)
HM01	11435	30-8	1603	Mon	Started while already i.p. 67707á38171á33015á56717á53024á55518	AM/RDFT	(AB-USA)
HM01	11435	30-8	1630	Mon	67707á38171á33015á56717á53024á55518	AM/RDFT	(RR2)
HM01	11530	30-8	1655	Mon	67707á38171á33015á56717á53024á55518	AM/RDFT	(AB-USA)
HM01	11435	31-8	1626	Tue	64131á38171á33016á56718á53025á55519	AM/RDFT	(RR2)
M01	6780	1-8	0700	Sun	025 564 564 30 30 63821 48372 75945 ... 94861 09473 95638 564 564 30 30 000	CW	(AB)
M01	5280	3-8	1800	Tue	025 586 586 30 30 = = 37564 93501 48131 ... 72195 76849 43459 = = 586 586 30 30 0.0.0.	CW	(MPJ-HNG)
M01	4905	3-8	2000	Tue	025 586 586 30 30 = = 37564 93501 58131 ... 72195 76849 43459 = = 586 586 30 30 000	CW	(AB)

M01	5280	5-8	1800	Thu	i.p. 025 98408 64735 ... 57648 81995 47633 = = 725 725 (?) 30 30 0 0 0	CW	(MPJ-AUT)
M01	4905	5-8	2000	Thu	025 763 763 30 30 = = 85766 74898 24352 ... 57688 46512 34526 = = 763 763 30 30 000	CW	(AB)
M01	6780	8-8	0700	Sun	025 097 097 30 30 = = 78329 47893 01284 ... 87875 98247 56550 097 097 30 30 000	CW	(AB-POL)
M01	4905	10-8	2000	Tue	025 963 963 30 30 = = 96864 36572 08850 ... 19573 86735 34345 = = 963 30 30 000	CW	(AB)
M01	5280	12-8	1800	Thu	025 325 325 30 30 = = 84637 01741 17463 ... 16354 85930 56374 = = 325 325 30 30 000	CW	(MPJ-HNG)
M01	6534	14-8	1500	Sat	025 214 214 30 30 = = 35422 87590 35455 ... 86909 27618 58790 = = 214 214 30 30 000	CW	(AB-FIN/MPJ)
M01	6780	15-8	0700	Sun	025 231 231 30 30 = = 46376 87900 21332 ... 90223 44536 18722 09900 = = 213 213 30 30 000	CW	(AB-FIN)
M01	5280	17-8	1800	Tue	025 217 217 30 30 = = 93018 92149 30 85943 ... 83957 14839 64920 = = 217 217 30 30 000	CW	(MPJ-HNG)
M01	5280	19-8	1800	Thu	025 433 433 30 30 = = (fading) ... 74290 ... 59091 ... 75298 73865 09365 = = 433 433 30 30 000	CW	(MPJ-AUT)
M01	4905	19-8	2000	Thu	025 501 501 30 30 = = 47462 12348 95607 ... 90391 92745 68234 = = 501 501 30 30 000	CW	(AB)
M01	6780	22-8	0700	Sun	025 724 724 30 30 = = 46578 90988 47658 ... 57687 23143 43511 = = 724 724 30 30 000	CW	(AB-FIN)
M01	5280	24-8	1800	Tue	025 603 603 30 30 = = 46678 98098 24310 ... = = 603 603 30 30 000	CW	(MPJ)
M01	4905	24-8	2000	Tue	Errors. Runs all groups together. 025 050 025 516 516 30 30 = = 4653745370068799687321443214435654355457680576808679586795 ...	CW	(AB-FIN)
M01	5280	26-8	1800	Thu	025 369 369 30 30 = = 45390 45672 96320 ... 46289 26583 36785 = = 369 369 30 30 000	CW	(AB-FIN)
M01	6435	28-8	1458	Sat	025 812 812 30 30 = = 43562 54789 12064 ... 32640 42618 37512 = = 812 812 30 30 000	CW	(AB/MPJ)
M01	6780	29-8	0700	Sun	025 836 836 30 30 = = 65784 87620 67855 87654 76890 54421 ... 71856 09712 65416 = = 836 836 30 30 000	CW	(AB-FIN)
M01	5280	31-8	1800	Tue	025 ... too weak to copy	CW	(AB/MPJ)
M01	4905	31-8	2000	Tue	025 ... too poor to copy	CW	(AB-FIN)
M12	14681	1-8	1600	Sun	683 683 683 000	CW	(AB/MPJ/HFD)
M12	13881	1-8	1620	Sun	683 683 683 000	CW	(AB/MPJ/HFD)
M12	14377	2-8	1130	Mon	317 317 317 1 1384 92 1384 92 68826 30199 27184 ... 28021 70100 87779 000 000	CW	(AB)
M12	13461	2-8	1150	Mon	317 317 317 1 1384 92 1384 92 68826 30199 27184 ... 28021 70100 87779 000 000	CW	(AB)
M12	12114	2-8	1210	Mon	317 317 317 1 1384 92 1384 92 68826 30199 27184 ... 28021 70100 87779 000 000	CW	(AB)
M12	16251	2-8	1600	Mon	294 294 294 000	CW	(AB)
M12	14951	2-8	1620	Mon	294 294 294 000	CW	(AB)
M12	12148	2-8	2000	Mon	374 374 374 1 1228 89 1228 89 79023 37006 07036 ... 11334 58369 46614 000 000	CW	(AB/RL)
M12	10648	2-8	2020	Mon	374 374 374 1 1228 89 1228 89 79023 37006 07036 ... 11334 58369 46614 000 000	CW	(AB/RL)
M12	9148	2-8	2040	Mon	374 374 374 1 1228 89 1228 89 79023 37006 07036 ... 11334 58369 46614 000 000	CW	(AB/RL)
M12	12214	2-8	2110	Mon	209 209 209 000	CW	(RL)
M12	11014	2-8	2130	Mon	209 209 209 000	CW	(RL)
M12	6784	3-8	0030	Tue	713 713 713 000	CW	(AB)
M12	8184	3-8	0050	Tue	713 713 713 000	CW	(AB)
M12	9317	3-8	0530	Tue	135 135 135 1 8942 106 8942 106 36930 04827 46151 ... 41876 30634 29543 000 000	CW	(AB)
M12	10484	3-8	0550	Tue	135 135 135 1 8942 106 8942 106 36930 04827 46151 ... 41876 30634 29543 000 000	CW	(AB)
M12	11552	3-8	0610	Tue	135 135 135 1 8942 106 8942 106 36930 04827 46151 ... 41876 30634 29543 000 000	CW	(AB)
M12	11148	3-8	0700	Tue	161 161 161 1 941 168 941 168 79512 75799 53061 ... 31189 84553 66254 000 000	CW	(AB-J)
M12	10648	3-8	0720	Tue	161 161 161 1 941 168 941 168 79512 75799 53061 ... 31189 84553 66254 000 000	CW	(AB-J)
M12	9148	3-8	0740	Tue	161 161 161 1 941 168 941 168 79512 75799 53061 ... 31189 84553 66254 000 000	CW	(AB-J)
M12	14681	4-8	1600	Wed	683 683 683 1 667 89 667 89 73830 14543 93071 ... 28485 64431 76703 000 000	CW	(AB)
M12	13881	4-8	1620	Wed	683 683 683 1 667 89 667 89 73830 14543 93071 ... 28485 64431 76703 000 000	CW	(AB)

M12	13381	4-8	1640	Wed	683 683 683 1 667 89 667 89 73830 14543 93071 ... 28485 64431 76703 000 000	CW	(AB)
M12	12162	4-8	1710	Wed	546 546 546 1 4051 111 4051 111 82990 11340 87808 ... 10108 18028 85513 000 000	CW	(AB)
M12	11566	4-8	1730	Wed	546 546 546 1 4051 111 4051 111 82990 11340 87808 ... 10108 18028 85513 000 000	CW	(AB)
M12	10711	4-8	1750	Wed	546 546 546 1 4051 111 4051 111 82990 11340 87808 ... 10108 18028 85513 000 000	CW	(AB)
M12	9052	4-8	2210	Wed	992 992 992 1 1547 122 1547 122 41759 56379 51941 ... 40900 81388 43707 000 000	CW	(AB)
M12	8052	4-8	2230	Wed	992 992 992 1 1547 122 1547 122 41759 56379 51941 ... 40900 81388 43707 000 000	CW	(AB)
M12	6952	4-8	2250	Wed	992 992 992 1 1547 122 1547 122 41759 56379 51941 ... 40900 81388 43707 000 000	CW	(AB)
M12	11148	5-8	0700	Thu	161 161 161 1 941 168 941 168 79512 75799 53061 ... 31189 84553 66254 000 000	CW	(AB-J)
M12	10648	5-8	0720	Thu	161 161 161 1 941 168 941 168 79512 75799 53061 ... 31189 84553 66254 000 000	CW	(AB-J)
M12	9148	5-8	0740	Thu	161 161 161 1 941 168 941 168 79512 75799 53061 ... 31189 84553 66254 000 000	CW	(AB-J)
M12	13386	5-8	1110	Thu	725 725 725 1 8463 98 8463 98 60727 40146 30199 ... 73301 76399 60225 000 000	CW	(AB/MPJ)
M12	12189	5-8	1130	Thu	725 725 725 1 8463 98 8463 98 60727 40146 30199 ... 73301 76399 60225 000 000	CW	(AB/MPJ)
M12	11491	5-8	1150	Thu	725 725 725 1 8463 98 8463 98 60727 40146 30199 ... 73301 76399 60225 000 000	CW	(AB/MPJ)
M12	16251	5-8	1600	Thu	294 294 294 000	CW	(AB/HFD)
M12	14951	5-8	1620	Thu	294 294 294 000	CW	(AB/HFD)
M12	12162	5-8	1700	Thu	546 546 546 1 1874 113 1874 113 44449 72426 12236 ... 15152 03109 45376 000 000	CW	(AB)
M12	11566	5-8	1720	Thu	546 546 546 1 1874 113 1874 113 44449 72426 12236 ... 15152 03109 45376 000 000	CW	(AB)
M12	10711	5-8	1740	Thu	546 546 546 1 1874 113 1874 113 44449 72426 12236 ... 15152 03109 45376 000 000	CW	(AB)
M12	12162	5-8	1800	Thu	546 546 546 1 8554 106 8554 106 03884 44019 39579 ... 35438 07426 28422 000 000	CW	(AB)
M12	11566	5-8	1820	Thu	546 546 546 1 8554 106 8554 106 03884 44019 39579 ... 35438 07426 28422 000 000	CW	(AB)
M12	10711	5-8	1840	Thu	546 546 546 1 8554 106 8554 106 03884 44019 39579 ... 35438 07426 28422 000 000	CW	(AB)
M12	12148	5-8	2000	Thu	374 374 374 1 1228 89 1228 89 79023 37006 07036 ... 11334 58369 46614 000 000	CW	(AB)
M12	14377	5-8	2000	Thu	317 317 317 1 3336 105 3336 105 28958 46802 23798 ... 35124 26592 80814 000 000	CW	(AB/RL)
M12	10648	5-8	2020	Thu	374 374 374 1 1228 89 1228 89 79023 37006 07036 ... 11334 58369 46614 000 000	CW	(AB)
M12	13461	5-8	2020	Thu	317 317 317 1 3336 105 3336 105 28958 46802 23798 ... 35124 26592 80814 000 000	CW	(AB/CL/RL/HFD)
M12	9148	5-8	2040	Thu	374 374 374 1 1228 89 1228 89 79023 37006 07036 ... 11334 58369 46614 000 000	CW	(AB/HFD)
M12	12114	5-8	2040	Thu	317 317 317 1 3336 105 3336 105 28958 46802 23798 ... 35124 26592 80814 000 000	CW	(AB/RL/HFD)
M12	12214	5-8	2110	Thu	209 209 209 000	CW	(AB/RL)
M12	11014	5-8	2130	Thu	209 209 209 000	CW	(AB/RL)
M12	6784	6-8	0030	Fri	713 713 713 000	CW	(AB)
M12	8184	6-8	0050	Fri	713 713 713 000	CW	(AB)
M12	10314	6-8	2100	Fri	310 310 310 000	CW	(AB/RL/HFD)
M12	9114	6-8	2120	Fri	310 310 310 000	CW	(AB/RL/HFD)
M12	10314	7-8	2100	Sat	310 310 310 000	CW	(AB/RL)
M12	9114	7-8	2120	Sat	310 310 310 000	CW	(AB/RL)
M12	9052	7-8	2210	Sat	992 992 992 1 1547 122 1547 122 41759 56379 51941 ... 40900 81388 43707 000 000	CW	(AB/HFD)
M12	8052	7-8	2230	Sat	992 992 992 1 1547 122 1547 122 41759 56379 51941 ... 40900 81388 43707 000 000	CW	(AB/HFD)
M12	6952	7-8	2250	Sat	992 992 992 1 1547 122 1547 122 41759 56379 51941 ... 40900 81388 43707 000 000	CW	(AB/HFD)
M12	14681	8-8	1600	Sun	683 683 683 1 667 89 667 89 73830 14543 93071 ... 28485 64431 76703 000 000	CW	(AB/MPJ)
M12	13881	8-8	1620	Sun	683 683 683 1 667 89 667 89 73830 14543 93071 ... 28485 64431 76703 000 000	CW	(AB/MPJ)
M12	13381	8-8	1640	Sun	683 683 683 1 667 89 667 89 73830 14543 93071 ... 28485 64431 76703 000 000	CW	(AB/MPJ)
M12	14377	9-8	1130	Mon	317 317 317 1 1245 96 1245 96 38974 35087 80327 ... 26445 41465 54423 000 000	CW	(AB)

M12	13461	9-8	1150	Mon	317 317 317 1 1245 96 1245 96 38974 35087 80327 ... 26445 41465 54423 000 000	CW	(AB)
M12	12114	9-8	1210	Mon	317 317 317 1 1245 96 1245 96 38974 35087 80327 ... 26445 41465 54423 000 000	CW	(AB)
M12	16251	9-8	1600	Mon	294 294 294 1 7983 66 7983 66 85031 93585 18283 ... 82928 93305 20301 000 000	CW	(AB)
M12	14951	9-8	1620	Mon	294 294 294 1 7983 66 7983 66 85031 93585 18283 ... 82928 93305 20301 000 000	CW	(AB)
M12	14451	9-8	1640	Mon	294 294 294 1 7983 66 7983 66 85031 93585 18283 ... 82928 93305 20301 000 000	CW	(AB)
M12	12148	9-8	2000	Mon	374 374 374 000	CW	(AB/RL)
M12	10648	9-8	2020	Mon	374 374 374 000	CW	(AB/RL)
M12	12214	9-8	2110	Mon	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	11014	9-8	2130	Mon	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	9914	9-8	2150	Mon	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	6784	10-8	0030	Tue	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	8184	10-8	0050	Tue	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	9342	10-8	0110	Tue	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	9317	10-8	0530	Tue	135 135 135 1 7442 111 7442 111 11473 96418 34122 ... 01477 56424 96975 000 000	CW	(AB)
M12	10484	10-8	0550	Tue	135 135 135 1 7442 111 7442 111 11473 96418 34122 ... 01477 56424 96975 000 000	CW	(AB)
M12	11552	10-8	0610	Tue	135 135 135 1 7442 111 7442 111 11473 96418 34122 ... 01477 56424 96975 000 000	CW	(AB)
M12	11148	10-8	0700	Tue	161 161 161 1 455 56 455 56 56829 05591 55125 ... 93567 50389 30355 000 000	CW	(AB-J)
M12	10648	10-8	0720	Tue	161 161 161 1 455 56 455 56 56829 05591 55125 ... 93567 50389 30355 000 000	CW	(AB-J)
M12	9148	10-8	0740	Tue	161 161 161 1 455 56 455 56 56829 05591 55125 ... 93567 50389 30355 000 000	CW	(AB-J)
M12	14681	11-8	1600	Wed	683 683 683 000	CW	(AB/MPJ)
M12	13881	11-8	1620	Wed	683 683 683 000	CW	(AB/MPJ)
M12	12162	11-8	1710	Wed	546 546 546 1 4586 104 4586 104 04144 40833 33336 ... 83700 75659 54125 000 000	CW	(AB)
M12	11566	11-8	1730	Wed	546 546 546 1 4586 104 4586 104 04144 40833 33336 ... 83700 75659 54125 000 000	CW	(AB)
M12	10711	11-8	1750	Wed	546 546 546 1 4586 104 4586 104 04144 40833 33336 ... 83700 75659 54125 000 000	CW	(AB)
M12	9052	11-8	2210	Wed	992 992 992 1 1215 116 1215 116 03209 77109 32517 ... 45469 76968 40025 000 000	CW	(AB/RL)
M12	8052	11-8	2230	Wed	992 992 992 1 1215 116 1215 116 03209 77109 32517 ... 45469 76968 40025 000 000	CW	(AB/RL)
M12	6952	11-8	2250	Wed	992 992 992 1 1215 116 1215 116 03209 77109 32517 ... 45469 76968 40025 000 000	CW	(AB/RL)
M12	11148	12-8	0700	Thu	161 161 161 1 455 56 455 56 56829 05591 55125 ... 93567 50389 30355 000 000	CW	(AB-J)
M12	10648	12-8	0720	Thu	161 161 161 1 455 56 455 56 56829 05591 55125 ... 93567 50389 30355 000 000	CW	(AB-J)
M12	9148	12-8	0740	Thu	161 161 161 1 455 56 455 56 56829 05591 55125 ... 93567 50389 30355 000 000	CW	(AB-J)
M12	13386	12-8	1110	Thu	725 725 725 1 3349 99 3349 99 90466 82616 59488 ... 49875 84428 96853 000 000	CW	(AB)
M12	12189	12-8	1130	Thu	725 725 725 1 3349 99 3349 99 90466 82616 59488 ... 49875 84428 96853 000 000	CW	(AB)
M12	11491	12-8	1150	Thu	725 725 725 1 3349 99 3349 99 90466 82616 59488 ... 49875 84428 96853 000 000	CW	(AB)
M12	16251	12-8	1600	Thu	294 294 294 1 7983 66 7983 66 85031 93585 18283 ... 82928 93305 20301 000 000	CW	(AB)
M12	14951	12-8	1620	Thu	294 294 294 1 7983 66 7983 66 85031 93585 18283 ... 82928 93305 20301 000 000	CW	(AB)
M12	14451	12-8	1640	Thu	294 294 294 1 7983 66 7983 66 85031 93585 18283 ... 82928 93305 20301 000 000	CW	(AB)
M12	12162	12-8	1700	Thu	546 546 546 1 6733 110 6733 110 35418 30724 66210 ... 47238 99697 13873 000 000	CW	(AB)
M12	11566	12-8	1720	Thu	546 546 546 1 6733 110 6733 110 35418 30724 66210 ... 47238 99697 13873 000 000	CW	(AB)
M12	10711	12-8	1740	Thu	546 546 546 1 6733 110 6733 110 35418 30724 66210 ... 47238 99697 13873 000 000	CW	(AB)
M12	12162	12-8	1800	Thu	546 546 546 1 8933 112 8933 112 38043 24355 71151 ... 07563 73302 35750 000 000	CW	(AB)
M12	11566	12-8	1820	Thu	546 546 546 1 8933 112 8933 112 38043 24355 71151 ... 07563 73302 35750 000 000	CW	(AB)
M12	10711	12-8	1840	Thu	546 546 546 1 8933 112 8933 112 38043 24355 71151 ... 07563 73302 35750 000 000	CW	(AB)

M12	12148	12-8	2000	Thu	374 374 374 000	CW	(AB/RL)
M12	14377	12-8	2000	Thu	317 317 317 1 8301 109 8301 109 89300 08438 79121 ... 60557 16762 50658 000 000	CW	(AB)
M12	10648	12-8	2020	Thu	374 374 374 000	CW	(AB/RL)
M12	13461	12-8	2020	Thu	317 317 317 1 8301 109 8301 109 89300 08438 79121 ... 60557 16762 50658 000 000	CW	(AB)
M12	12114	12-8	2040	Thu	317 317 317 1 8301 109 8301 109 89300 08438 79121 ... 60557 16762 50658 000 000	CW	(AB)
M12	12214	12-8	2110	Thu	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	11014	12-8	2130	Thu	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	9914	12-8	2150	Thu	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	6784	13-8	0030	Fri	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	8184	13-8	0050	Fri	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	9342	13-8	0110	Fri	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	10314	13-8	2100	Fri	310 310 310 000	CW	(AB/RL)
M12	9114	13-8	2120	Fri	310 310 310 000	CW	(AB/RL)
M12	10314	14-8	2100	Sat	310 310 310 000	CW	(AB/RL)
M12	9114	14-8	2120	Sat	310 310 310 000	CW	(AB/RL)
M12	9052	14-8	2210	Sat	992 992 992 1 1215 116 1215 116 03209 77109 32517 ... 45469 76968 40025 000 000	CW	(AB)
M12	8052	14-8	2230	Sat	992 992 992 1 1215 116 1215 116 03209 77109 32517 ... 45469 76968 40025 000 000	CW	(AB)
M12	6952	14-8	2250	Sat	992 992 992 1 1215 116 1215 116 03209 77109 32517 ... 45469 76968 40025 000 000	CW	(AB)
M12	14681	15-8	1600	Sun	683 683 683 000	CW	(AB)
M12	13881	15-8	1620	Sun	683 683 683 000	CW	(AB)
M12	14377	16-8	1130	Mon	317 317 317 1 1721 92 1721 92 01230 94585 65322 ... 37190 18204 71201 000 000	CW	(AB)
M12	13461	16-8	1150	Mon	317 317 317 1 1721 92 1721 92 01230 94585 65322 ... 37190 18204 71201 000 000	CW	(AB)
M12	12114	16-8	1210	Mon	317 317 317 1 1721 92 1721 92 01230 94585 65322 ... 37190 18204 71201 000 000	CW	(AB)
M12	16251	16-8	1600	Mon	294 294 294 000	CW	(AB/MPJ)
M12	14951	16-8	1620	Mon	294 294 294 000	CW	(AB/MPJ)
M12	12148	16-8	2000	Mon	374 374 374 1 597 59 597 59 18567 95694 11824 ... 23295 43161 88001 000 000	CW	(AB/RL)
M12	10648	16-8	2020	Mon	374 374 374 1 597 59 597 59 18567 95694 11824 ... 23295 43161 88001 000 000	CW	(AB/RL)
M12	9148	16-8	2040	Mon	374 374 374 1 597 59 597 59 18567 95694 11824 ... 23295 43161 88001 000 000	CW	(AB/RL)
M12	12214	16-8	2110	Mon	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	11014	16-8	2130	Mon	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	9914	16-8	2150	Mon	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/RL)
M12	6784	17-8	0030	Tue	713 713 713 1 ... 000 000	CW	(AB/HFD)
M12	8184	17-8	0050	Tue	713 713 713 1 ... 000 000	CW	(AB/HFD)
M12	9342	17-8	0110	Tue	713 713 713 1 ... 000 000	CW	(AB/HFD)
M12	9317	17-8	0530	Tue	135 135 135 1 4143 113 4142 113 65661 70414 29586 ... 81539 99548 75125 000 000	CW	(AB)
M12	10484	17-8	0550	Tue	135 135 135 1 4143 113 4142 113 65661 70414 29586 ... 81539 99548 75125 000 000	CW	(AB)
M12	11552	17-8	0610	Tue	135 135 135 1 4143 113 4142 113 65661 70414 29586 ... 81539 99548 75125 000 000	CW	(AB)
M12	11148	17-8	0700	Tue	161 161 161 1 926 122 926 122 95200 99060 66982 ... 15750 90121 69375 000 000	CW	(AB-J)
M12	10648	17-8	0720	Tue	161 161 161 1 926 122 926 122 95200 99060 66982 ... 15750 90121 69375 000 000	CW	(AB-J)
M12	9148	17-8	0740	Tue	161 161 161 1 926 122 926 122 95200 99060 66982 ... 15750 90121 69375 000 000	CW	(AB-J)
M12	14681	18-8	1600	Wed	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)
M12	13881	18-8	1620	Wed	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)

M12	13381	18-8	1640	Wed	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)
M12	12162	18-8	1710	Wed	546 546 546 1 9561 109 9561 109 20830 50870 17481 ... 42329 35326 00285 000 000	CW	(AB)
M12	11566	18-8	1730	Wed	546 546 546 1 9561 109 9561 109 20830 50870 17481 ... 42329 35326 00285 000 000	CW	(AB)
M12	10711	18-8	1750	Wed	546 546 546 1 9561 109 9561 109 20830 50870 17481 ... 42329 35326 00285 000 000	CW	(AB)
M12	9052	18-8	2210	Wed	992 992 992 1 5328 78 5328 78 61237 70586 89098 ... 23959 64830 87570 000 000	CW	(AB)
M12	8052	18-8	2230	Wed	992 992 992 1 5328 78 5328 78 61237 70586 89098 ... 23959 64830 87570 000 000	CW	(AB)
M12	6952	18-8	2250	Wed	992 992 992 1 5328 78 5328 78 61237 70586 89098 ... 23959 64830 87570 000 000	CW	(AB)
M12	11148	19-8	0700	Thu	161 161 161 1 926 122 926 122 95200 99060 66982 ... 15750 90121 69375 000 000	CW	(AB-J/HFD-J)
M12	10648	19-8	0720	Thu	161 161 161 1 926 122 926 122 95200 99060 66982 ... 15750 90121 69375 000 000	CW	(AB-J/HFD-J)
M12	9148	19-8	0740	Thu	161 161 161 1 926 122 926 122 95200 99060 66982 ... 15750 90121 69375 000 000	CW	(AB-J/HFD-J)
M12	13386	19-8	1110	Thu	725 725 725 1 5600 91 5600 91 65250 65745 04910 ... 57246 77786 75590 000 000	CW	(AB/MPJ)
M12	12189	19-8	1130	Thu	725 725 725 1 5600 91 5600 91 65250 65745 04910 ... 57246 77786 75590 000 000	CW	(AB/MPJ)
M12	11491	19-8	1150	Thu	725 725 725 1 5600 91 5600 91 65250 65745 04910 ... 57246 77786 75590 000 000	CW	(AB/MPJ)
M12	16251	19-8	1600	Thu	294 294 294 000	CW	(AB/MPJ)
M12	14951	19-8	1620	Thu	294 294 294 000	CW	(AB/MPJ)
M12	12162	19-8	1700	Thu	546 546 546 1 6192 106 6192 106 63843 41925 99782 ... 00614 31172 49608 000 000	CW	(AB)
M12	11566	19-8	1720	Thu	546 546 546 1 6192 106 6192 106 63843 41925 99782 ... 00614 31172 49608 000 000	CW	(AB)
M12	10711	19-8	1740	Thu	546 546 546 1 6192 106 6192 106 63843 41925 99782 ... 00614 31172 49608 000 000	CW	(AB)
M12	12162	19-8	1800	Thu	546 546 546 1 1185 105 1185 105 20869 27951 83818 ... 46784 46725 47778 000 000	CW	(AB)
M12	11566	19-8	1820	Thu	546 546 546 1 1185 105 1185 105 20869 27951 83818 ... 46784 46725 47778 000 000	CW	(AB)
M12	10711	19-8	1840	Thu	546 546 546 1 1185 105 1185 105 20869 27951 83818 ... 46784 46725 47778 000 000	CW	(AB)
M12	12148	19-8	2000	Thu	374 374 374 1 597 59 597 59 18567 95694 11824 ... 23295 43161 88001 000 000	CW	(AB)
M12	14377	19-8	2000	Thu	317 317 317 1 5160 110 5160 110 45840 61942 11554 ... 64231 05925 06216 000 000	CW	(AB)
M12	10648	19-8	2020	Thu	374 374 374 1 597 59 597 59 18567 95694 11824 ... 23295 43161 88001 000 000	CW	(AB)
M12	13461	19-8	2020	Thu	317 317 317 1 5160 110 5160 110 45840 61942 11554 ... 64231 05925 06216 000 000	CW	(AB)
M12	9148	19-8	2040	Thu	374 374 374 1 597 59 597 59 18567 95694 11824 ... 23295 43161 88001 000 000	CW	(AB)
M12	12114	19-8	2040	Thu	317 317 317 1 5160 110 5160 110 45840 61942 11554 ... 64231 05925 06216 000 000	CW	(AB)
M12	12214	19-8	2110	Thu	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/HFD)
M12	11014	19-8	2130	Thu	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/HFD)
M12	9914	19-8	2150	Thu	209 209 209 1 126 71 126 71 27638 72757 61479 ... 06360 19043 76150 000 000	CW	(AB/HFD)
M12	6784	20-8	0030	Fri	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	8184	20-8	0050	Fri	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	9342	20-8	0110	Fri	713 713 713 1 610 94 610 94 41625 27760 23669 ... 47966 75862 63639 000 000	CW	(AB)
M12	10314	20-8	2100	Fri	310 310 310 000	CW	(AB)
M12	9114	20-8	2120	Fri	310 310 310 000	CW	(AB)
M12	10314	21-8	2100	Sat	310 310 310 000	CW	(AB)
M12	9114	21-8	2120	Sat	310 310 310 000	CW	(AB/RL)
M12	9052	21-8	2210	Sat	992 992 992 1 5328 78 5328 78 61237 70586 89098 ... 23959 64830 87570 000 000	CW	(AB/RL)
M12	8052	21-8	2230	Sat	992 992 992 1 5328 78 5328 78 61237 70586 89098 ... 23959 64830 87570 000 000	CW	(AB/RL)
M12	6952	21-8	2250	Sat	992 992 992 1 5328 78 5328 78 61237 70586 89098 ... 23959 64830 87570 000 000	CW	(AB/RL)
M12	14681	22-8	1600	Sun	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)
M12	13881	22-8	1620	Sun	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)

M12	13381	22-8	1640	Sun	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)
M12	14377	23-8	1130	Mon	317 317 317 1 4249 90 4249 90 89069 87642 64810 ... 30235 23971 56997 000 000	CW	(AB)
M12	13461	23-8	1150	Mon	317 317 317 1 4249 90 4249 90 89069 87642 64810 ... 30235 23971 56997 000 000	CW	(AB)
M12	12114	23-8	1210	Mon	317 317 317 1 4249 90 4249 90 89069 87642 64810 ... 30235 23971 56997 000 000	CW	(AB)
M12	16251	23-8	1600	Mon	294 294 294 1 5945 98 5945 98 20764 07998 17293 ... 82018 96394 54372 000 000	CW	(AB)
M12	14951	23-8	1620	Mon	294 294 294 1 5945 98 5945 98 20764 07998 17293 ... 82018 96394 54372 000 000	CW	(AB)
M12	14451	23-8	1640	Mon	294 294 294 1 5945 98 5945 98 20764 07998 17293 ... 82018 96394 54372 000 000	CW	(AB)
M12	12148	23-8	2000	Mon	374 374 374 000	CW	(AB/RL)
M12	10648	23-8	2020	Mon	374 374 374 000	CW	(AB/RL)
M12	12214	23-8	2110	Mon	209 209 209 000	CW	(AB/RL)
M12	11014	23-8	2130	Mon	209 209 209 000	CW	(AB/RL)
M12	6784	24-8	0030	Tue	713 713 713 000	CW	(AB)
M12	8184	24-8	0050	Tue	713 713 713 000	CW	(AB)
M12	9317	24-8	0530	Tue	135 135 135 1 9640 105 9640 105 58597 83433 06894 ... 41848 53405 93153 000 000	CW	(AB)
M12	10484	24-8	0550	Tue	135 135 135 1 9640 105 9640 105 58597 83433 06894 ... 41848 53405 93153 000 000	CW	(AB)
M12	11552	24-8	0610	Tue	135 135 135 1 9640 105 9640 105 58597 83433 06894 ... 41848 53405 93153 000 000	CW	(AB)
M12	11148	24-8	0700	Tue	161 161 161 1 9343 98 9343 98 67379 98480 15383... 41144 88905 13603 000 000	CW	(AB-J)
M12	10648	24-8	0720	Tue	161 161 161 1 9343 98 9343 98 67379 98480 15383... 41144 88905 13603 000 000	CW	(AB-J)
M12	9148	24-8	0740	Tue	161 161 161 1 9343 98 9343 98 67379 98480 15383... 41144 88905 13603 000 000	CW	(AB-J)
M12	14681	25-8	1600	Wed	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB/MPJ)
M12	13881	25-8	1620	Wed	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB/MPJ)
M12	13381	25-8	1640	Wed	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB/MPJ)
M12	12162	25-8	1710	Wed	546 56 546 1 6766 104 6766 104 91335 43278 51996 ... 27943 22541 63388 000 000	CW	(AB)
M12	11566	25-8	1730	Wed	546 56 546 1 6766 104 6766 104 91335 43278 51996 ... 27943 22541 63388 000 000	CW	(AB)
M12	10711	25-8	1750	Wed	546 56 546 1 6766 104 6766 104 91335 43278 51996 ... 27943 22541 63388 000 000	CW	(AB)
M12	9052	25-8	2210	Wed	992 992 992 000	CW	(AB/RL)
M12	8052	25-8	2230	Wed	992 992 992 000	CW	(AB/RL)
M12	11148	26-8	0700	Thu	161 161 161 1 9343 98 9343 98 67379 98480 15383... 41144 88905 13603 000 000	CW	(AB-J)
M12	10648	26-8	0720	Thu	161 161 161 1 9343 98 9343 98 67379 98480 15383... 41144 88905 13603 000 000	CW	(AB-J)
M12	9148	26-8	0740	Thu	161 161 161 1 9343 98 9343 98 67379 98480 15383... 41144 88905 13603 000 000	CW	(AB-J)
M12	13386	26-8	1110	Thu	725 725 725 1 8111 94 8111 94 88233 00508 28519 ... 86180 06528 90912 000 000	CW	(AB/MPJ)
M12	12189	26-8	1130	Thu	725 725 725 1 8111 94 8111 94 88233 00508 28519 ... 86180 06528 90912 000 000	CW	(AB/MPJ)
M12	11491	26-8	1150	Thu	725 725 725 1 8111 94 8111 94 88233 00508 28519 ... 86180 06528 90912 000 000	CW	(AB/MPJ)
M12	16251	26-8	1600	Thu	294 294 294 1 5945 98 5945 98 20764 07998 17293 ... 82018 96394 54372 000 000	CW	(AB)
M12	14951	26-8	1620	Thu	294 294 294 1 5945 98 5945 98 20764 07998 17293 ... 82018 96394 54372 000 000	CW	(AB)
M12	14451	26-8	1640	Thu	294 294 294 1 5945 98 5945 98 20764 07998 17293 ... 82018 96394 54372 000 000	CW	(AB)
M12	12162	26-8	1700	Thu	546 546 546 1 1910 111 1910 111 56409 17155 17652 ... 74567 87710 58225 000 000	CW	(AB)
M12	11566	26-8	1720	Thu	546 546 546 1 1910 111 1910 111 56409 17155 17652 ... 74567 87710 58225 000 000	CW	(AB)
M12	10711	26-8	1740	Thu	546 546 546 1 1910 111 1910 111 56409 17155 17652 ... 74567 87710 58225 000 000	CW	(AB)
M12	12162	26-8	1800	Thu	546 546 546 1 9821 110 9821 110 20702 43916 86708 ... 67876 33160 56350 000 000	CW	(AB/MPJ)
M12	11566	26-8	1820	Thu	546 546 546 1 9821 110 9821 110 20702 43916 86708 ... 67876 33160 56350 000 000	CW	(AB/MPJ)
M12	10711	26-8	1840	Thu	546 546 546 1 9821 110 9821 110 20702 43916 86708 ... 67876 33160 56350 000 000	CW	(AB/MPJ)

M12	12148	26-8	2000	Thu	374 374 374 000	CW	(AB/RL)
M12	14377	26-8	2000	Thu	317 317 317 1 5048 108 5048 108 17830 98943 01198 ... 40645 96496 45007 000 000	CW	(AB/RL)
M12	10648	26-8	2020	Thu	374 374 374 000	CW	(AB)
M12	13461	26-8	2020	Thu	317 317 317 1 5048 108 5048 108 17830 98943 01198 ... 40645 96496 45007 000 000	CW	(AB/RL)
M12	12114	26-8	2040	Thu	317 317 317 1 5048 108 5048 108 17830 98943 01198 ... 40645 96496 45007 000 000	CW	(AB/RL)
M12	12214	26-8	2110	Thu	209 209 209 000	CW	(AB/RL)
M12	11014	26-8	2130	Thu	209 209 209 000	CW	(AB/RL)
M12	6784	27-8	0030	Fri	713 713 713 000	CW	(AB)
M12	8184	27-8	0050	Fri	713 713 713 000	CW	(AB)
M12	10314	27-8	2100	Fri	310 310 310 1 4148 120 4148 120 96596 26497 06498 ... 70265 66265 00618 000 000	CW	(AB/RL)
M12	9114	27-8	2120	Fri	310 310 310 1 4148 120 4148 120 96596 26497 06498 ... 70265 66265 00618 000 000	CW	(AB/RL)
M12	8014	27-8	2140	Fri	310 310 310 1 4148 120 4148 120 96596 26497 06498 ... 70265 66265 00618 000 000	CW	(AB/RL)
M12	10314	28-8	2100	Sat	310 310 310 1 4148 120 4148 120 96596 26497 06498 ... 70265 66265 00618 000 000	CW	(AB)
M12	9114	28-8	2120	Sat	310 310 310 1 4148 120 4148 120 96596 26497 06498 ... 70265 66265 00618 000 000	CW	(AB)
M12	8014	28-8	2140	Sat	310 310 310 1 4148 120 4148 120 96596 26497 06498 ... 70265 66265 00618 000 000	CW	(AB)
M12	9052	28-8	2210	Sat	992 992 992 000	CW	(AB)
M12	8052	28-8	2230	Sat	992 992 992 000	CW	(AB)
M12	14681	29-8	1600	Sun	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)
M12	13881	29-8	1620	Sun	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)
M12	13381	29-8	1640	Sun	683 683 683 1 5574 97 5574 97 35173 59676 97433 ... 57511 68653 54338 000 000	CW	(AB)
M12	14377	30-8	1130	Mon	317 317 317 1 1862 99 1862 99 57080 95224 67528 ... 33174 52060 22861 000 000	CW	(AB/MPJ)
M12	13461	30-8	1150	Mon	317 317 317 1 1862 99 1862 99 57080 95224 67528 ... 33174 52060 22861 000 000	CW	(AB/MPJ)
M12	12114	30-8	1210	Mon	317 317 317 1 1862 99 1862 99 57080 95224 67528 ... 33174 52060 22861 000 000	CW	(AB)
M12	16251	30-8	1600	Mon	294 294 294 000	CW	(AB)
M12	14951	30-8	1620	Mon	294 294 294 000	CW	(AB)
M12	12148	30-8	2000	Mon	374 374 374 1 302 90 302 90 69697 62814 58455 ... 08339 19660 40666 000 000	CW	(AB/RL)
M12	10648	30-8	2020	Mon	374 374 374 1 302 90 302 90 69697 62814 58455 ... 08339 19660 40666 000 000	CW	(AB/RL)
M12	9148	30-8	2040	Mon	374 374 374 1 302 90 302 90 69697 62814 58455 ... 08339 19660 40666 000 000	CW	(AB)
M12	12214	30-8	2110	Mon	209 209 209 1 7083 97 7083 97 98652 06648 12560 ... 52512 30346 43395 000 000	CW	(AB/RL)
M12	11014	30-8	2130	Mon	209 209 209 1 7083 97 7083 97 98652 06648 12560 ... 52512 30346 43395 000 000	CW	(AB)
M12	9914	30-8	2150	Mon	209 209 209 1 7083 97 7083 97 98652 06648 12560 ... 52512 30346 43395 000 000	CW	(AB/RL)
M12	6784	31-8	0030	Tue	713 713 713 1 389 76 389 76 89047 00592 33453 ... 30671 09332 56827 000 000	CW	(AB)
M12	8184	31-8	0050	Tue	713 713 713 1 389 76 389 76 89047 00592 33453 ... 30671 09332 56827 000 000	CW	(AB)
M12	9342	31-8	0110	Tue	713 713 713 1 389 76 389 76 89047 00592 33453 ... 30671 09332 56827 000 000	CW	(AB)
M12	9317	31-8	0530	Tue	135 135 135 1 4640 111 4640 111 92439 90803 78233 ... 65004 99535 24038 000 000	CW	(AB)
M12	10484	31-8	0550	Tue	135 135 135 1 4640 111 4640 111 92439 90803 78233 ... 65004 99535 24038 000 000	CW	(AB)
M12	11552	31-8	0610	Tue	135 135 135 1 4640 111 4640 111 92439 90803 78233 ... 65004 99535 24038 000 000	CW	(AB)
M12	11148	31-8	0700	Tue	161 161 161 1 8312 144 8312 144 26916 12894 66407 ... 78560 37770 49828 000 000	CW	(AB-J)
M12	10648	31-8	0720	Tue	161 161 161 1 8312 144 8312 144 26916 12894 66407 ... 78560 37770 49828 000 000	CW	(AB-J)
M12	9148	31-8	0740	Tue	161 161 161 1 8312 144 8312 144 26916 12894 66407 ... 78560 37770 49828 000 000	CW	(AB-J)
M14	12211	2-8	0500	Mon	952 368 368 51 51 = = 49148 81144 87437 ... 60197 15944 83020 = = 368 368 51 51 00000	CW	(AB-J)
M14	10243	2-8	0520	Mon	952 368 368 51 51 = = 49148 81144 87437 ... 60197 15944 83020 = = 368 368 51 51 00000	CW	(AB-J)

M14	12211	3-8	0500	Tue	952 401 401 63 63 == 62239 19490 88787 ... 24315 50557 01197 == 401 401 63 63 00000	CW	(AB-J)
M14	10243	3-8	0520	Tue	952 401 401 63 63 == 62239 19490 88787 ... 24315 50557 01197 == 401 401 63 63 00000	CW	(AB-J)
M14	12211	4-8	0500	Wed	952 867 867 51 51 == 08650 04002 31487 ... 06757 24496 26342 867 867 51 51 00000	CW	(AB-J)
M14	10243	4-8	0520	Wed	952 867 867 51 51 == 08650 04002 31487 ... 06757 24496 26342 867 867 51 51 00000	CW	(AB-J)
M14	12211	5-8	0500	Thu	952 304 304 51 51 == 33120 71838 49202 ... 71815 30961 04678 == 304 304 51 51 00000	CW	(AB-J)
M14	10243	5-8	0520	Thu	952 for 1m10s followed by several restarts, then off at 0523z	CW	(AB-J)
M14	12211	6-8	0500	Fri	952 716 716 54 54 == 08757 97556 75920 ... 04012 48043 23500 == 716 716 54 54 00000	CW	(AB-J)
M14	10243	6-8	0520	Fri	952 716 716 54 54 == 08757 97556 75920 ... 04012 48043 23500 == 716 716 54 54 00000	CW	(AB-J)
M14	12211	9-8	0500	Mon	952 438 438 52 52 == 77368 47957 66113 ... 30751 24011 61457 == 438 438 52 52 00000	CW	(AB-J)
M14	10243	9-8	0520	Mon	952 438 438 52 52 == 77368 47957 66113 ... 30751 24011 61457 == 438 438 52 52 00000	CW	(AB-J)
M14	12211	10-8	0500	Tue	Carrier till 0502z then 952 170 170 63 63 == 32446 46460 95344 ... 05564 98137 19443 == 170 170 63 63 00000	CW	(AB-J)
M14	10243	10-8	0520	Tue	952 off, 0525z: 302 9 off, 0527z: restart. 952 170 170 63 63 == 32446 46460 95344 ... 05564 98137 19443 == 170 170 63 63 00000	CW	(AB-J)
M14	16347	10-8	0930	Tue	617 617 617 00000	CW	(AB)
M14	12211	11-8	0500	Wed	952 643 51 == 70365 48511 45129 ... 07601 04499 53153 == 643 51 00000	CW	(AB-J)
M14	10243	11-8	0520	Wed	On and off for 2 minutes. No further problems after that. 952 643 51 == 70365 48511 45129 ... 07601 04499 53153 == 643 51 00000	CW	(AB-KOR)
M14	12211	12-8	0500	Thu	Carrier on and off till 0504z, then 952 870 870 51 51 == 73578 98462 76549 ... 76909 97569 80060 == 870 870 51 51 00000	CW	(AB-J)
M14	10243	12-8	0520	Thu	952 870 870 51 51 == 73578 98462 76549 ... 76909 97569 80060 == 870 870 51 51 00000	CW	(AB-J)
M14	12211	13-8	0500	Fri	952 164 164 57 57 == 57243 10372 58576 ... 73338 06339 66298 == 164 164 57 57 00000	CW	(AB-J)
M14	10243	13-8	0520	Fri	Carrier on and off at 0501z nothing else	CW	(AB-J)
M14	12211	16-8	0500	Mon	952 long pause 952 long pause, then 952 783 783 52 52 == 77870 27707 46463 ... 07027 08289 84651 == 783 783 52 52 00000	CW	(AB-J)
M14	10243	16-8	0521	Mon	Late start 952 783 783 52 52 == 77870 27707 46463 ... 07027 08289 84651 == 783 783 52 52 00000	CW	(AB-J)
M14	12211	17-8	0500	Tue	Carrier on and off till 0506z. 952 on and off, then 952 160 160 55 55 == 65176 10871 12217 ... 43247 61844 27500 == 160 160 55 55 00000	CW	(AB-J)
M14	10243	17-8	0520	Tue	952 on and off for 30 secs, then carrier for 2 mins, then 952 160 160 55 55 == 65176 10871 12217 ... 43247 61844 27500 == 160 160 55 55 00000	CW	(AB-J)
M14	12211	18-8	0500	Wed	952 734 734 52 52 == 28940 31255 51286 ... 44492 59478 34684 == 734 734 52 52 00000	CW	(AB-J)
M14	10243	18-8	0520	Wed	952 734 734 52 52 == 28940 31255 51286 ... 44492 59478 34684 == 734 734 52 52 00000	CW	(AB-J)
M14	12211	19-8	0500	Thu	952 618 618 52 52 == 80677 82359 11777 ... 32769 16158 54329 == 618 618 52 52 00000	CW	(AB-J)
M14	10243	19-8	0520	Thu	Hiccups during the 1st minute 952 618 618 52 52 == 80677 82359 11777 ... 32769 16158 54329 == 618 618 52 52 00000	CW	(AB-J)
M14	12211	20-8	0500	Fri	952 403 403 51 51 == 20133 69328 15773 ... 28684 01497 92805 == 403 403 51 51 00000	CW	(AB-J)
M14	10243	20-8	0520	Fri	952 403 403 51 51 == 20133 69328 15773 ... 28684 01497 92805 == 403 403 51 51 00000	CW	(AB-J)
M14	12211	23-8	0500	Mon	Technical problems after group 36, off after group 45. 952 786 786 52 52 == 61829 55371 68970 ... 83900 18605 54830 == 786 786 52 52 00000	CW	(AB-J)
M14	10243	23-8	0520	Mon	952 786 786 52 52 == 61829 55371 68970 ... 83900 18605 54830 == 786 786 52 52 00000	CW	(AB-J)
M14	12211	24-8	0500	Tue	952 143 143 51 51 == 61244 32081 92364 ... 22744 71023 57197 == 143 143 51 51 00000	CW	(AB-J)

M14	10243	24-8	0520	Tue	952 143 143 51 51 = = 61244 32081 92364 ... 22744 71023 57197 = = 143 143 51 51 00000	CW	(AB-J)
M14	12211	25-8	0500	Wed	952 670 670 51 51 = = 28837 97400 14192 ... 64924 95104 80047 = = 670 670 51 51 00000	CW	(AB-J)
M14	10243	25-8	0520	Wed	952 670 670 51 51 = = 28837 97400 14192 ... 64924 95104 80047 = = 670 670 51 51 00000	CW	(AB-J)
M14	16347	25-8	0930	Wed	617 617 617 00000	CW	(AB)
M14	12211	26-8	0500	Thu	952 183 183 62 62 = = 19479 18880 71079 ... 29145 55806 75027 = = 183 183 62 62 00000	CW	(AB-J)
M14	10243	26-8	0520	Thu	952 183 183 62 62 = = 19479 18880 71079 ... 29145 55806 75027 = = 183 183 62 62 00000	CW	(AB-J)
M14	12211	27-8	0500	Fri	952 470 470 59 59 = = 74284 58577 60578 ... 96875 63447 92333 = = 470 470 59 59 00000	CW	(AB-J)
M14	10243	27-8	0520	Fri	952 470 470 59 59 = = 74284 58577 60578 ... 96875 63447 92333 = = 470 470 59 59 00000	CW	(AB-J)
M14	12211	30-8	0500	Mon	952 386 386 54 54 = = 88671 47130 76681 ... 66635 99371 32790 = = 386 386 54 54 00000	CW	(AB-J)
M14	10243	30-8	0520	Mon	952 386 386 54 54 = = 88671 47130 76681 ... 66635 99371 32790 = = 386 386 54 54 00000	CW	(AB-J)
M14	12211	31-8	0500	Tue	952 417 417 58 58 = = 68385 51940 29007 ... 81944 26360 90758 = = 417 417 58 58 00000	CW	(AB-J)
M14	10243	31-8	0520	Tue	952 417 417 58 58 = = 68385 51940 29007 ... 81944 26360 90758 = = 417 417 58 58 00000	CW	(AB-J)
M21	6421.5	24-8	1458	Tue	=991758??8????? =991759??8????? =991800??8????? =991801??8?????	CW	(F5JBR)
M21	5052.5	29-8	0815	Sun	Russian Air Defense =991115??0????? =991116??0????? =991117??0?????	CW	(F5JBR-J)
M21	6440.5	29-8	0824	Sun	Russian Air Defense =991124??0????? =991125??0????? =991126??0?????	CW	(F5JBR-J)
M21	9144	29-8	0831	Sun	Russian Air Defense =99?1131?9????? =99?1133?9????? =99?1135?9?????	CW	(F5JBR-J)
M21	5431	29-8	0938	Sun	Russian Air Defense =99?1238?9????? =99?1240?9????? =99?1242?9?????	CW	(F5JBR-J)
M21	6843.5	29-8	1036	Sun	Russian Air Defense =991336??0????? =991337??0????? =991338??0?????	CW	(F5JBR-J)
M32	10452	11-8	1423	Wed	Russian military. Encrypted traffic and short FSK-CW messages RDL RDL RDL 23607 29745 23607 29745 23607 29745 K	FSK 50/200	(AB)
M32	10452	11-8	1558	Wed	XXX XXX 9XOW 9XOW 45410 47577 WZBUHANXE 5843 7408 XXX XXX 9XOW 9XOW 45410 47577 WZBUHANXE 5843 7408 K	FSK-CW	(AB)
M32	12158	13-8	1002	Fri	Russian military XXX XXX H7Q6 H7Q6 17570 VANROBOEC 8731 7605 K	CW	(AB)
M32	11136	14-8	0445	Sat	LDBO LDBO LDBO QTC 284 25 14 T73T 284 = 399 = BVCEK CBQChYa DDDTED VRChOT ...	CW	(AB)
M32	12593	18-8	0900	Wed	XXX XXX XHOP XHOP 25085 AWARIJNYJ 7132 4123	CW	(JU)
M32	12593	18-8	0901	Wed	XXX XXX JWB1 JWB1 LNN7 LNN7 2990. 60146 9903. ROTODER 3169 5643	CW	(JU)
M32	12593	18-8	0910	Wed	XXX XXX 9XOW 9XOW CDI5 CDI5 91276 91851 FORSOMAG 5207 1013 PASSOBXEF 2374 7766	CW	(JU)
M32	12593	18-8	1010	Wed	XXX XXX XHOP XHOP 62650 POLZUCHESTX 0045 6024 GAZELX 8194 3158	CW	(JU)
M32	12593	18-8	1035	Wed	XXX XXX XHOP XHOP 80106 ITOGOKAP 0680 0280	CW	(JU)
M32	12593	18-8	1108	Wed	XXX XXX GVFL GVFL 38015 67884 072 = DDDDD ZYAGN CVBNO WMYKJ ... YaYaWW = K	CW	(JU)
M32	12593	18-8	1210	Wed	XXX XXX 24YO 24YO 74048 LUCKOSNEG 1263 3738	CW	(JU)
M32	12593	18-8	1214	Wed	XXX XXX 24YO 24YO 74048 LUCKOSNEG 1263 3778 (correction of 1210z)	CW	(JU)
M32	12593	18-8	1220	Wed	XXX XXX KFXB KFXB H7Q6 H7Q6 80885 008887 48815 GUNNOLARX 9816 7045	CW	(JU)
M32	12593	18-8	1224	Wed	XXX XXX XHOP XHOP 37904 OPOROKUST 8316 1211	CW	(JU)
M32	12593	18-8	1400	Wed	XXX XXX DQJG DQJG 55045 KONOKOWch 0585 1214	CW	(JU)
M32	12593	18-8	1404	Wed	XXX XXX XHOP XHOP 33246 KANON 3730 9845	CW	(JU)
M32	10452	18-8	1412	Wed	XXX XXX XHOP XHOP 49659 33246 KANON 3730 9845 K	FSK-CW	(AB)
M32	12593	19-8	0805	Thu	VVVV 47W6 47W6 47W6 QTC ZGZ AR TWSK TWSK TWSK 922 24 19 1106 922 = ZGZ 811 =	CW	(JU)
M32	12593	19-8	0808	Thu	QT9S QT9S QT9S DE TWSK TWSK R 922 ? K P	CW	(JU)
M32	12593	19-8	1010	Thu	5FWZ 5FWZ 5FWZ DE TWSK TWSK R 922 ? K TWSK = TWSK 922 24 19 1106 922 K	CW	(JU)
M32	11116	24-8	0937	Tue	RDL RDL RDL 58826 48669 58826 48669 58826 48669 K	FSK CW	(AB)
M32	11116	24-8	0949	Tue	RDL RDL RDL 27553 91766 27553 91766 27553 91766 K	FSK CW	(AB)

M32	11116	24-8	0957	Tue	RDL RDL RDL 82010 07105 82010 07105 82010 07105 K	FSK CW	(AB)
M32	11116	24-8	0959	Tue	RDL RDL RDL 74431 30010 74431 30010 74431 30010 K	FSK CW	(AB)
M32	11116	24-8	1007	Tue	RDL RDL RDL 29288 26930 29288 26930 29288 26930 K	FSK CW	(AB)
M32	11116	24-8	1035	Tue	RDL RDL RDL 63674 72589 63674 72589 63674 72589 K	FSK CW	(AB)
M32	11116	24-8	1130	Tue	XXX XXX TEKhNICHESKAYa PROWERKA 540 K	FSK CW	(AB)
M32	11116	24-8	1137	Tue	RDL RDL RDL 96124 33529 96124 33529 96124 33529 K	FSK CW	(AB)
M32	11116	24-8	1200	Tue	RDL RDL RDL 12433 52996 12433 52996 12433 52996 K	FSK CW	(AB)
M32	11116	24-8	1243	Tue	RDL RDL RDL 31385 39265 31385 39265 31385 39265 K	FSK CW	(AB)
M32	11116	24-8	1254	Tue	RDL RDL RDL 70603 31651 70603 31651 70603 31651 K	FSK CW	(AB)
M32	11116	24-8	1306	Tue	RDL RDL RDL 54208 76741 54208 76741 54208 76741 K	FSK CW	(AB)
M32	11116	24-8	1315	Tue	RDL RDL RDL 59179 57188 59179 57088 59179 57088 K	FSK CW	(AB)
M32	11116	24-8	1315	Tue	RDL RDL RDL 20322 19706 20322 19706 20322 19706 K	FSK CW	(AB)
M32	11116	24-8	1324	Tue	RDL RDL RDL 78119 07471 78119 07471 78119 07471 K	FSK CW	(AB)
M32	11116	24-8	1335	Tue	RDL RDL RDL 38751 73647 38751 73647 38751 73647 K	FSK CW	(AB)
M32	11116	24-8	1347	Tue	RDL RDL RDL 61556 67517 61556 67517 61556 67517 K	FSK CW	(AB)
M32	7674	25-8	0759	Wed	RGT77: XXX 82QI 0085 4476 BESNOWATYJ 2708 7260 K	CW	(F5JBR)
M32a	7564	25-8	0800	Wed	RBL88: XXX TEKhNICHESKAYa PROWERKA 592 K //8136 kHz	CW	(F5JBR)
M32a	8136	25-8	0800	Wed	RBL88: XXX TEKhNICHESKAYa PROWERKA 592 K //7564 kHz	CW	(F5JBR)
M32a	8136	25-8	0802	Wed	RBL88 wkg RFN69 RFN77 RBL90 RGR99. RFN69, RFN77, RGR99 and RBL90 acknowledge receipt XXX TEKhNICHESKAYa PROWERKA 592 K	CW	(F5JBR)
M32b	8816	18-8	0909	Wed	rjf94 rjc38 de 52571 qth 16223 13620 qtr 0910 qbd 0300 qre XLWF 1018 k	CW	(WP3)
M32b	8816	18-8	1130	Wed	rjf94 rjc38 de 52571 qto 1115 qrd XLMD XLWF qre 1415 qbd 0500 k	CW	(WP3)
M42	12153	3-8	0816	Tue	Russian diplo/intel.	MFSK	(ES-HOL)
M42	14838	23-8	0910	Mon	Russian diplo/intel.	MFSK-66	(AB)
M51a	3881	8-8	0700	Sun	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ - 2 messages - CQ DE FAV22 VA	CW	(AB)
M51a	6825	8-8	0700	Sun	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ - 2 messages - CQ DE FAV22 VA	CW	(AB)
M51a	3881	14-8	0700	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ - 2 messages - CQ DE FAV22 VA	CW	(AB)
M51a	6825	14-8	0700	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ - 2 messages - CQ DE FAV22 VA	CW	(AB)
M51a	3881	14-8	0820	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ - 2 messages - CQ DE FAV22 VA	CW	(AB)
M51a	6825	14-8	0820	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ - 2 messages - CQ DE FAV22 VA	CW	(AB)
M51b	3881	8-8	0625	Sun	Non-stop 5-character groups composed of M51a messages	CW	(AB)
M51b	6825	8-8	0625	Sun	Non-stop 5-character groups composed of M51a messages	CW	(AB)
M51b	3881	14-8	0455	Sat	Non-stop 5-character groups composed of M51a messages	CW	(AB)
M51b	6825	14-8	0455	Sat	Non-stop 5-character groups composed of M51a messages	CW	(AB)
M51b	3881	14-8	0742	Sat	Non-stop 5-character groups composed of M51a messages	CW	(AB)
M51b	6825	14-8	0742	Sat	Non-stop 5-character groups composed of M51a messages	CW	(AB)
M89	3850	1-8	1620	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4620	1-8	1620	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4860	1-8	1620	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6320, 6840	CW	(JPL)
M89	5640	1-8	1620	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 6320, 6840	CW	(JPL)
M89	6320	1-8	1620	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6840	CW	(JPL)
M89	6840	1-8	1620	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 4860, 5640, 6320	CW	(JPL)

M89	3565	1-8	1629	Sun	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	1-8	1629	Sun	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	4720	1-8	1630	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	1-8	1630	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	4718	3-8	1113	Tue	V BSA5 (x3) DE TP4C (x2) //7045, 6378	CW	(JPL)
M89	6378	3-8	1113	Tue	V BSA5 (x3) DE TP4C (x2) //7045, 4718	CW	(JPL)
M89	7045	3-8	1113	Tue	V BSA5 (x3) DE TP4C (x2) //6378, 4718	CW	(JPL)
M89	5640	3-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320, 6840, 8290, 8360	CW	(JPL)
M89	6320	3-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6840, 8290, 8360	CW	(JPL)
M89	6840	3-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 8290, 8360	CW	(JPL)
M89	8290	3-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8360	CW	(JPL)
M89	8360	3-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290	CW	(JPL)
M89	7620	3-8	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	3-8	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4718	10-8	1119	Tue	V BSA5 (x3) DE TP4C (x2) //6378, 7045	CW	(JPL)
M89	6378	10-8	1119	Tue	V BSA5 (x3) DE TP4C (x2) //4718, 7045	CW	(JPL)
M89	7045	10-8	1119	Tue	V BSA5 (x3) DE TP4C (x2) //4718, 6378	CW	(JPL)
M89	4620	10-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290, 8360	CW	(JPL)
M89	4640	10-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 6320, 6840, 8290, 8360	CW	(JPL)
M89	4860	10-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 5640, 6320, 6840, 8290, 8360	CW	(JPL)
M89	6320	10-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6840, 8290, 8360	CW	(JPL)
M89	6840	10-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6320, 8290, 8360	CW	(JPL)
M89	8290	10-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6840, 8360	CW	(JPL)
M89	8360	10-8	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 4860, 5640, 6840, 8290	CW	(JPL)
M89	7620	10-8	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	10-8	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4860	13-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360	CW	(JPL)
M89	5640	13-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6320, 6840, 8290, 8360	CW	(JPL)
M89	6320	13-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290, 8360	CW	(JPL)
M89	6840	13-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 8290, 8360	CW	(JPL)
M89	8290	13-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8360	CW	(JPL)
M89	8360	13-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8290	CW	(JPL)
M89	3565	13-8	1126	Fri	V BSA5 (x3) DE TP4C (x2) //4718, 6378, 7045	CW	(JPL)
M89	4718	13-8	1126	Fri	V BSA5 (x3) DE TP4C (x2) //3565, 6378, 7045	CW	(JPL)
M89	6378	13-8	1126	Fri	V BSA5 (x3) DE TP4C (x2) //3565, 4718, 7045	CW	(JPL)
M89	7045	13-8	1126	Fri	V BSA5 (x3) DE TP4C (x2) //3565, 4718, 6378	CW	(JPL)
M89	7620	13-8	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350) (Remote tuner Taiwan	CW	(JPL)
M89	8350	13-8	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4860	14-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360	CW	(JPL)
M89	5640	14-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6320, 6840, 8290, 8360	CW	(JPL)
M89	6320	14-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290, 8360	CW	(JPL)
M89	6840	14-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 8290, 8360	CW	(JPL)

M89	8290	14-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8360	CW	(JPL)
M89	8360	14-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8290	CW	(JPL)
M89	5790	14-8	1126	Sat	i.p. R1 AR F NR 8679/EX 1924 RMKS 9114 TO 9267 = P=5/K4R1 AR K R RPT K R U F GA K	CW	(JPL)
M89	5432	14-8	1130	Sat	i.p. N6AA 4A7U ANT3 A563 U47A A746 A37U ...	CW	(JPL)
M89	7620	14-8	1130	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	14-8	1130	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	5454	14-8	1131	Sat	i.p. RR QSA 2 QSA 2 HR WK NR 1065 HR WK NR 1065 K K R R QSA 2 QSA 2 HR WK NR 0601 HR WK NR 0601 R K	CW	(JPL)
M89	5555	14-8	1138	Sat	i.p. NR .443 CK 100 58 0618 1630 RMKS 6786 TO 6795 = A7A6 4 ...	CW	(JPL)
M89	5600	14-8	1140	Sat	i.p. 7467 6UDN 6.D4 .AA4 UT3T 37TA A6D3 4UA5 ...	CW	(JPL)
M89	3565	14-8	1145	Sat	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	14-8	1145	Sat	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	4720	14-8	1153	Sat	i.p. 567U 4TA6 N57A 7UN4 3D5T D4T5 T3U6 AR	CW	(JPL)
M89	5190	14-8	1412	Sat	i.p. 6T3U D5N7 53DN 436U 763A U4NA 7TNU ...	CW	(JPL)
M89	5245	14-8	1414	Sat	i.p. AU76 4T36 734D 536T ... AR R QSL 2214 K (Both stations on this frequency)	CW	(JPL)
M89	5336	14-8	1419	Sat	i.p. 56N7 367N .NU 6A4D DT64 6U47 ET4N ...	CW	(JPL)
M89	5410	14-8	1420	Sat	i.p. 43T6 7354 DA53 ...	CW	(JPL)
M89	5445	14-8	1421	Sat	i.p. A64U AT7D 764U 634T ...	CW	(JPL)
M89	5566	14-8	1422	Sat	i.p. RGA K (Both stations on this frequency) NR 1230 CK 121 65 EEEE ...	CW	(JPL)
M89	5562	14-8	1425	Sat	i.p. T7DA 7AU4 5ANU 543U ...	CW	(JPL)
M89	5578	14-8	1426	Sat	i.p. T4DA T7DN 6A4N 4AA3 4AU3 ...	CW	(JPL)
M89	5635	14-8	1427	Sat	i.p. DAU6 DA5N A543 TA5U ...	CW	(JPL)
M89	5896	14-8	1429	Sat	i.p. TA56 45N3 3N54 54N3 4N53 ...	CW	(JPL)
M89	6239	14-8	1430	Sat	i.p. R QSA 2 K R OK	CW	(JPL)
M89	6768	14-8	1434	Sat	i.p. A63D 3AN7 NA4T 4563 6754 5DT4 DA53 ...	CW	(JPL)
M89	5281	14-8	1438	Sat	i.p. R QSL 2238 K R HR WK NR 28092022 K R NIL SK GB	CW	(JPL)
M89	4643	14-8	1443	Sat	i.p. 4TN5 A53N AUT6 7N34 ...	CW	(JPL)
M89	4649	14-8	1444	Sat	i.p. N64A 5A5A N3DN 576U 56D4 ...	CW	(JPL)
M89	4631	14-8	1445	Sat	i.p. 35TU 7TNA ..NU 3UN5 U56. ...	CW	(JPL)
M89	4578	14-8	1446	Sat	i.p. CK 91 21 0814 2240 RMKS 8479061 TO 8479062 K. 45DT A63T 6DU5 UD4T 6TA3 6D53 AN73 4U7D ...	CW	(JPL)
M89	4552	14-8	1448	Sat	i.p. 3DN4 UNN3 DT4U 4A35 U546 5736 ...	CW	(JPL)
M89	4536	14-8	1449	Sat	i.p. 3UT4 AR K RPT K	CW	(JPL)
M89	4378	14-8	1450	Sat	i.p. 6D4U 75NU 5D47 4AN3 ...	CW	(JPL)
M89	4325	14-8	1451	Sat	i.p. 37A6 NTAN 35TN NDA4 U64N A647 AD3T ...	CW	(JPL)
M89	4315	14-8	1452	Sat	i.p. A376 63D5 3U67 U367 ...	CW	(JPL)
M89	4312	14-8	1454	Sat	i.p. R 7G NR 1345 CK 61 79 0814 2240 RMKS 5022624 TO 5022620 = 5436 745E A657 3645 4375 43DA TN7D N3U6 NA64 637U ...	CW	(JPL)
M89	4164	14-8	1456	Sat	i.p. R U GA K	CW	(JPL)
M89	4125	14-8	1458	Sat	VVV 8XB 8XB 8XB DE RGB RGB F 253 253 253 AS AS AS	CW	(JPL)
M89	3565	17-8	1842	Wed	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	17-8	1842	Wed	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)

M89	6543	17-8	1845	Wed	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	9128	27-8	1119	Fri	i.p. 4AND NAU6 N6UA 43DT 7NDA,U 7D35 ...	CW	(JPL)
M89	4860	27-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360	CW	(JPL)
M89	5640	27-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6320, 6840, 8290, 8360	CW	(JPL)
M89	6320	27-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290, 8360	CW	(JPL)
M89	6840	27-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 8290, 8360	CW	(JPL)
M89	8290	27-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8360	CW	(JPL)
M89	8360	27-8	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8290	CW	(JPL)
M89	4860	27-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290, 8360	CW	(JPL)
M89	5640	27-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6320, 6840, 8290, 8360	CW	(JPL)
M89	6320	27-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290, 8360	CW	(JPL)
M89	8290	27-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8360	CW	(JPL)
M89	8360	27-8	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840, 8290	CW	(JPL)
M89	3565	27-8	1126	Fri	V BSA5 (x3) DE TP4C (x2) //6378, 7045	CW	(JPL)
M89	6378	27-8	1126	Fri	V BSA5 (x3) DE TP4C (x2) //3565, 7045	CW	(JPL)
M89	7045	27-8	1126	Fri	V BSA5 (x3) DE TP4C (x2) //3565, 4718 6378	CW	(JPL)
M89	4718	27-8	1129	Sat	V BSA5 (x3) DE TP4C (x2) //6378, 7045	CW	(JPL)
M89	6378	27-8	1129	Sat	V BSA5 (x3) DE TP4C (x2) //4718, 7045	CW	(JPL)
M89	7045	27-8	1129	Sat	V BSA5 (x3) DE TP4C (x2) //4718, 6378	CW	(JPL)
M89	7620	27-8	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K (Hand sent) (// 8350	CW	(JPL)
M89	8350	27-8	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	7620	27-8	1130	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	27-8	1130	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	6543	27-8	1345	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	5600	27-8	1354	Fri	i.p. 65UT A3U4 D37T 3NU7 TD4A 3657 U4A3 UTA7 ...	CW	(JPL)
M89	5555	27-8	1356	Fri	i.p. HR ASGN AHR HR MSG CK HR MSG GA CY K R R MSG R QSA 2 QSA FM ? IEC = 74 = 3D4N (Exercise related)	CW	(JPL)
M89	5543	27-8	1358	Fri	i.p. 1720 = XLW4/5BZ AR 4910/EX 2157 RMKS 1983 TO 1720 = XLW4/5BZ AR	CW	(JPL)
M89	5600.2	27-8	1411	Fri	i.p. MSG NR 6873 CK 141 36 0827 2230 RMKS 2..43427 TO 2943428 K	CW	(JPL)
M89	5031	27-8	1625	Fri	i.p. /EX = M8T./L1V7 AR QSY 22 QSY 22 VVV	CW	(JPL)
M89	6378	29-8	0744	Sun	BSA5 de TP4C V	CW	(F5JBR)
M89	4718	29-8	1100	Sun	BSA5 de TP4C V	CW	(F5JBR)
M89	6543	29-8	1109	Sun	8RVF de CV4K V	CW	(F5JBR)
M89	3174	29-8	1344	Sun	W3ZJ wkg J2AS 4JVC KVCU G55D QWAH	CW	(F5JBR)
M95	3968	1-8	1637	Sun	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	1-8	1637	Sun	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4364	3-8	1146	Tue	V BNGC (x3) DE XSV85 (x2) HR 7GS GA PSE CY NR 0623 CK 406 35 0803 1626 = //8073	CW	(JPL)
M95	8073	3-8	1146	Tue	V BNGC (x3) DE XSV85 (x2) HR 7GS GA PSE CY NR 0623 CK 406 35 0803 1626 = //4364	CW	(JPL)
M95	9054	3-8	1151	Tue	AR 7G AGN NR 084 CK 235 0803 1515 = 5AA UTT TT3 3U6 3A4 5T7 5TD N44 5TN ...	CW	(JPL)
M95	10722	10-8	1115	Tue	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	4364	10-8	1140	Tue	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0665 CK 163 35 0810 1550 = //8073	CW	(JPL)
M95	8073	10-8	1140	Tue	V BNGC (x3) DE XSV85 (x2) HR 7G GA PSE CY NR 0665 CK 163 35 0810 1550 = //4364	CW	(JPL)

M95	4243	10-8	1147	Tue	VV HR 7G TO YR PSE CY NR 20 CK 138 35 0810 1548 =	CW	(JPL)
M95	4364	13-8	1140	Fri	05 05 05 BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0671 CK 131 35 0813 1550 = //8073	CW	(JPL)
M95	8073	13-8	1140	Fri	05 05 05 BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0671 CK 131 35 0813 1550 = //4364	CW	(JPL)
M95	4243	13-8	1151	Fri	VV HR 7G TO YR PSE CY NR 005 CK 32 35 0813 1545 =	CW	(JPL)
M95	5479	27-8	1115	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	27-8	1115	Fri	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5479	27-8	1341	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	27-8	1341	Fri	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	3968	27-8	1609	Fri	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	27-8	1609	Fri	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4679	29-8	1112	Sun	LKM5 wkg RG2G: MSG NR 324/CCK 95 40 08 29 1918 RMKS 4145 TO 4233 = 65A7 3046 ADUN 7D43 A5NT AT63 UT36 U5DN ...	CW	(F5JBR)
M95	4793	29-8	1139	Sun	Q8AI wkg 9QAT: MSG NR 070/CCK CK 31 80 08 29 1935 RMKS 9581 TO 9121 = 7A74 5U5N U673 3NU4 DTA3 ...	CW	(F5JBR)
M95	4993	29-8	1155	Sun	P5HA wkg D.4Q: MSG NR 071/CCK CK31 8 0829 1955 RMKS 8376 TO 482 = 7A74 5K5N U673 3K4D ...	CW	(F5JBR)
M95	6936	29-8	1257	Sun	YHxD de SAQC V	CW	(F5JBR)
MX	13517.7	14-8	1405	Sat	Beacon D, Sevastopol	CW	(AB)
MX	13527.8	14-8	1405	Sat	Beacon P, Kaliningrad	CW	(AB)
MX	13527.9	14-8	1405	Sat	Beacon S, Severomorsk	CW	(AB)
MX	13528	14-8	1405	Sat	Beacon C, Moscow	CW	(AB)
MX	13528.1	14-8	1405	Sat	Beacon A, Astrakhan	CW	(AB)
MX	16331.7	15-8	1822	Sun	Beacon D, Sevastopol	CW	(RL-HOL)
MX	8497.8	25-8	1115	Wed	Beacon L, St Petersburg	CW	(AB)
MX	16331.7	26-8	1424	Thu	Beacon D, Sevastopol	CW	(MPJ)
MX	16331.9	26-8	1424	Thu	Beacon S, Severomorsk	CW	(MPJ)
P03e	14415	1-8	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	1-8	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	1-8	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	1-8	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	3-8	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	3-8	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	6-8	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	6-8	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	8-8	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	8-8	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	8-8	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	8-8	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	10-8	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	10-8	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	13-8	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	13-8	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)

P03e	14415	15-8	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	15-8	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	15-8	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	15-8	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	17-8	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	17-8	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	20-8	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	20-8	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	22-8	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	22-8	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	22-8	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	22-8	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	24-8	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	24-8	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	27-8	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14415	27-8	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14415	29-8	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14415	29-8	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	5149	29-8	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	29-8	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	31-8	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	31-8	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03f	13537	2-8	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	2-8	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	3-8	0808	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	3-8	0813	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	4-8	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	4-8	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	6-8	0843	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	6-8	0848	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	9-8	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	9-8	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	10-8	0808	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	10-8	0813	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	11-8	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	11-8	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	13-8	0843	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	13-8	0848	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	17-8	0808	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	17-8	0813	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	18-8	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	18-8	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)

P03f	9339	20-8	0843	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	20-8	0848	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	23-8	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	23-8	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	24-8	0808	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	24-8	0813	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	25-8	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	25-8	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	27-8	0843	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	27-8	0848	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	30-8	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	30-8	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	31-8	0808	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	31-8	0813	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03j	16335	4-8	1330	Wed	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	4-8	1335	Wed	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	6-8	1330	Fri	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	6-8	1335	Fri	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	11-8	1330	Wed	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	11-8	1335	Wed	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	13-8	1330	Fri	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	13-8	1335	Fri	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	18-8	1330	Wed	Polish intel.	QPSK 100Bd/504-bp	(AB)
P03j	16335	18-8	1335	Wed	Polish intel.	QPSK 100Bd/504-bp	(AB)
P03j	16335	25-8	1330	Wed	Polish intel.	QPSK 100Bd/504-bp	(AB-POL/MPJ)
P03j	16335	25-8	1335	Wed	Polish intel.	QPSK 100Bd/504-bp	(AB-POL/MPJ)
P03j	16335	27-8	1330	Fri	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	16335	27-8	1335	Fri	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03k	11420	1-8	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11420	1-8	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	1-8	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	1-8	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	1-8	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	1-8	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	1-8	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	1-8	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	2-8	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	2-8	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	3-8	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	3-8	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	4-8	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	4-8	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	11420	6-8	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11420	6-8	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	6-8	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	6-8	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	7-8	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	7-8	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	7-8	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	7-8	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11420	8-8	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11420	8-8	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	8-8	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	8-8	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	8-8	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	8-8	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	8-8	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	8-8	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	9-8	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	9-8	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	10-8	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	10-8	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	11-8	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	11-8	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11420	13-8	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11420	13-8	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	13-8	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	13-8	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6814	14-8	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	14-8	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	14-8	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	14-8	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	14-8	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	14-8	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11420	15-8	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11420	15-8	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	15-8	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	15-8	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	15-8	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	15-8	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	15-8	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	15-8	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	16-8	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	16-8	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	16125	18-8	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	18-8	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11420	20-8	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11420	20-8	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	20-8	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	20-8	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	21-8	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	21-8	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	21-8	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	21-8	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	22-8	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	22-8	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	22-8	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	12385	22-8	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9130	22-8	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	22-8	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	23-8	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	23-8	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	24-8	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	24-8	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	25-8	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-POL)
P03k	16125	25-8	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-POL)
P03k	11420	27-8	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11420	27-8	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	27-8	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	27-8	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6814	28-8	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	28-8	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	28-8	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	28-8	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6814	29-8	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6814	29-8	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	29-8	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	12385	29-8	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9130	29-8	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	29-8	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	30-8	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	30-8	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	31-8	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	31-8	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03I	8597	1-8	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	1-8	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	8597	4-8	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	4-8	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	8-8	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	8-8	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8597	11-8	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	11-8	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	15-8	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	15-8	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	18-8	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	18-8	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	22-8	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	22-8	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	25-8	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	25-8	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	29-8	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8597	29-8	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
Q26	4364	3-8	1133	Tue	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	3-8	1133	Tue	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	10-8	1133	Tue	XSV85 messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	10-8	1133	Tue	XSV85 messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	10-8	1145	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	13-8	1132	Fri	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	13-8	1132	Fri	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	13-8	1144	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL)
S06	11616	2-8	0400	Mon	480 235 61 58100 56947 52797 ... 21431 03710 28899 235 61 00000	USB	(AB-J)
S06	9322	2-8	0420	Mon	480 235 61 58100 56947 52797 ... 21431 03710 28899 235 61 00000	USB	(AB-J)
S06	16327	5-8	0830	Thu	842 706 49 03584 16108 20847 ... 43456 90149 72527 706 49 00000	USB	(PY/HFD-CHN)
S06	13875	5-8	0930	Thu	842 706 49 03584 16108 20847 ... 43456 90149 72527 706 49 00000	USB	(PY/HFD-CHN)
S06	13875	6-8	0930	Fri	842 706 49 03584 16108 20847 ... 43456 90149 72527 706 49 00000	USB	(AB-J)
S06	9475	6-8	1900	Fri	768 768 768 00000	USB	(AB/HFD)
S06	7561	6-8	2000	Fri	768 768 768 00000	USB	(AB/HFD)
S06	9322	11-8	0420	Wed	480 623 50 73031 01391 13477 ... 15194 65400 32119 623 50 00000	USB	(AB)
S06	16327	12-8	0830	Thu	842 193 50 66984 35986 28279 ... 04553 99554 50404 193 50 00000	USB	(PY)
S06	16327	12-8	0830	Thu	842 193 50 66984 35986 28279 ... 04553 99554 50404 193 50 00000	USB	(AB-J)
S06	13881	12-8	0930	Thu	842 193 50 66984 35986 28279 ... 04553 99554 50404 193 50 00000	USB	(PY)
S06	13881	12-8	0930	Thu	842 193 50 66984 35986 28279 ... 04553 99554 50404 193 50 00000	USB	(AB-J)
S06	16327	13-8	0830	Fri	842 193 50 66984 35986 28279 ... 04553 99554 50404 193 50 00000	USB	(AB-J)
S06	16327	13-8	0830	Fri	842 193 50 66984 35986 28279 ... 04553 99554 50404 193 50 00000	USB	(PY)
S06	13875	13-8	0930	Fri	842 193 50 66984 35986 28279 ... 04553 99554 50404 193 50 00000	USB	(AB-J)
S06	13875	13-8	0930	Fri	842 193 50 66984 35986 28279 ... 04553 99554 50404 193 50 00000	USB	(PY)
S06	11616	16-8	0400	Mon	480 521 51 32733 46433 37391 ... 95637 76062 17503 521 51 00000	USB	(AB-J)
S06	9322	16-8	0420	Mon	480 521 51 32733 46433 37391 ... 95637 76062 17503 521 51 00000	USB	(AB-J)

S06	11616	19-8	0400	Thu	480 573 61 01387 49994 97289 ... 93404 84583 19819 573 61 00000	USB	(AB-J)
S06	9322	19-8	0420	Thu	480 573 61 01387 49994 97289 ... 93404 84583 19819 573 61 00000	USB	(AB-J)
S06	16327	19-8	0830	Thu	842 657 30 23839 25814 76655 ... 50118 10012 71808 657 30 00000	USB	(PY)
S06	13881	19-8	0930	Thu	842 657 30 23839 25814 76655 ... 50118 10012 71808 657 30 00000	USB	(PY)
S06	16327	20-8	0830	Fri	842 657 30 23839 25814 76655 ... 50118 10012 71808 657 30 00000	USB	(PY)
S06	13875	20-8	0930	Fri	842 657 30 23839 25814 76655 ... 50118 10012 71808 657 30 00000	USB	(PY)
S06	7561	20-8	2000	Fri	768 768 768 00000	USB	(AB)
S06	16327	26-8	0830	Thu	842 901 53 46264 92474 91672 ... 45281 00236 45198 901 53 00000	USB	(PY)
S06	13890	26-8	0930	Thu	842 901 53 46264 92474 91672 ... 45281 00236 45198 901 53 00000	USB	(PY)
S06s	16320	2-8	0630	Mon	462 803 5 33024 21272 25876 25426 88224 803 5 00000	AM	(AB)
S06s	14875	2-8	0640	Mon	462 803 5 33024 21272 25876 25426 88224 803 5 00000	AM	(AB)
S06s	8221	2-8	0830	Mon	764 802 5 67034 28277 88421 41298 27232 802 5 00000	USB	(AB)
S06s	9353	2-8	0840	Mon	764 802 5 67034 28277 88421 41298 27232 802 5 00000	USB	(AB)
S06s	16380	2-8	0900	Mon	232 867 5 21828 42247 46820 17928 44282 867 5 00000	USB	(AB)
S06s	14835	2-8	0910	Mon	232 867 5 21828 42247 46820 17928 44282 867 5 00000	USB	(AB)
S06s	10230	2-8	1200	Mon	149 806 5 82473 88702 92807 91272 42474 806 5 00000	USB	(AB)
S06s	12165	2-8	1210	Mon	149 806 5 82473 88702 92807 91272 42474 806 5 00000	USB	(AB)
S06s	15945	3-8	0600	Tue	438 960 5 12953 28475 17992 18272 50903 960 5 00000	USB	(AB)
S06s	16945	3-8	0610	Tue	438 960 5 12953 28475 17992 18272 50903 960 5 00000	USB	(AB)
S06s	5430	3-8	0700	Tue	452 963 7 40614 77249 40678 17976 21816 21851 78531 963 7 00000	USB	(AB-POL)
S06s	6780	3-8	0710	Tue	452 963 7 40614 77249 40678 17976 21816 21851 78531 963 7 00000	USB	(AB-POL)
S06s	7365	3-8	0730	Tue	427 918 5 88146 57856 98835 46186 16945 918 5 00000	USB	(AB)
S06s	11655	3-8	0740	Tue	427 918 5 88146 57856 98835 46186 16945 918 5 00000	USB	(AB)
S06s	14373	3-8	0800	Tue	127 946 5 33796 13577 74526 46647 79302 946 5 00000	USB	(AB)
S06s	12935	3-8	0810	Tue	127 946 5 33796 13577 74526 46647 79302 946 5 00000	USB	(AB)
S06s	4820	3-8	1000	Tue	427 519 6 52401 63919 92699 14600 74248 48754 519 6 00000	USB	(AB-POL)
S06s	5660	3-8	1010	Tue	427 519 6 52401 63919 92699 14600 74248 48754 519 6 00000	USB	(AB-POL)
S06s	6810	3-8	1100	Tue	265 831 7 46062 68672 97478 39685 30485 96632 52537 831 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	7560	3-8	1110	Tue	265 831 7 46062 68672 97478 39685 30485 96632 52537 831 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	11565	4-8	0830	Wed	464 890 5 43247 32329 48080 36778 39013 890 5 00000	USB	(AB)
S06s	12560	4-8	0840	Wed	464 890 5 43247 32329 48080 36778 39013 890 5 00000	USB	(AB)
S06s	14580	4-8	1000	Wed	276 980 5 42997 84116 53718 78927 34694 980 5 00000	USB	(AB)
S06s	16020	4-8	1010	Wed	276 980 5 42997 84116 53718 78927 34694 980 5 00000	USB	(AB)
S06s	11530	5-8	0730	Thu	172 405 6 30485 96632 52537 53317 06675 41736 405 6 00000	USB	(AB)
S06s	14977	5-8	0740	Thu	172 405 6 30485 96632 52537 53317 06675 41736 405 6 00000	USB	(AB)
S06s	9255	5-8	0930	Thu	698 201 5 26634 14690 95590 63888 92060 201 5 00000	USB	(AB)
S06s	10325	5-8	0940	Thu	698 201 5 26634 14690 95590 63888 92060 201 5 00000	USB	(AB)
S06s	13145	5-8	1200	Thu	175 820 6 88554 82045 36717 24042 75956 31670 820 6 00000	USB	(AB)
S06s	14535	5-8	1210	Thu	175 820 6 88554 82045 36717 24042 75956 31670 820 6 00000	USB	(AB)
S06s	10290	6-8	0830	Fri	156 890 7 88620 58069 61732 74537 57440 10597 23521 890 7 00000	USB	(AB)
S06s	9655	6-8	0840	Fri	156 890 7 88620 58069 61732 74537 57440 10597 23521 890 7 00000	USB	(AB)
S06s	6844	6-8	0900	Fri	239 406 5 46062 68672 97478 39685 30485 406 5 00000	USB	(AB)

S06s	7161	6-8	0910	Fri	239 406 5 46062 68672 97478 39685 30485 406 5 00000	USB	(AB)
S06s	12460	7-8	0800	Sat	132 946 5 65806 66610 20336 17301 88554 946 5 00000	USB	(AB)
S06s	10250	7-8	0810	Sat	132 946 5 65806 66610 20336 17301 88554 946 5 00000	USB	(AB)
S06s	16320	9-8	0630	Mon	462 803 5 33024 21272 25876 25426 88224 803 5 00000	AM	(AB)
S06s	14875	9-8	0640	Mon	462 803 5 33024 21272 25876 25426 88224 803 5 00000	AM	(AB)
S06s	8221	9-8	0830	Mon	764 802 5 67034 28277 88421 41298 27232 802 5 00000	USB	(AB)
S06s	9353	9-8	0840	Mon	764 802 5 67034 28277 88421 41298 27232 802 5 00000	USB	(AB)
S06s	16380	9-8	0900	Mon	232 867 5 21828 42247 46820 17928 44282 867 5 00000	USB	(AB)
S06s	14835	9-8	0910	Mon	232 867 5 21828 42247 46820 17928 44282 867 5 00000	USB	(AB)
S06s	10230	9-8	1200	Mon	149 806 5 82473 88702 92807 91272 42474 806 5 00000	USB	(AB)
S06s	12165	9-8	1210	Mon	149 806 5 82473 88702 92807 91272 42474 806 5 00000	USB	(AB)
S06s	15945	10-8	0600	Tue	438 960 5 12953 28475 17992 18272 50903 960 5 00000	USB	(AB)
S06s	16945	10-8	0610	Tue	438 960 5 12953 28475 17992 18272 50903 960 5 00000	USB	(AB)
S06s	5430	10-8	0700	Tue	452 963 7 40614 77249 40678 17976 21816 21851 78531 963 7 00000	USB	(AB-POL)
S06s	6780	10-8	0710	Tue	452 963 7 40614 77249 40678 17976 21816 21851 78531 963 7 00000	USB	(AB)
S06s	7365	10-8	0730	Tue	427 918 5 88146 57856 98835 46186 16945 918 5 00000	USB	(AB)
S06s	11655	10-8	0740	Tue	427 918 5 88146 57856 98835 46186 16945 918 5 00000	USB	(AB)
S06s	14373	10-8	0800	Tue	127 946 5 33796 13577 74526 46647 79302 946 5 00000	USB	(AB)
S06s	12935	10-8	0810	Tue	127 946 5 33796 13577 74526 46647 79302 946 5 00000	USB	(AB)
S06s	4820	10-8	1000	Tue	427 519 6 52401 63919 92699 14600 74248 48754 519 6 00000	USB	(AB-POL)
S06s	5660	10-8	1010	Tue	427 519 6 52401 63919 92699 14600 74248 48754 519 6 00000	USB	(AB-POL)
S06s	6810	10-8	1100	Tue	265 831 7 46062 68672 97478 39685 30485 96632 52537 831 7 00000	USB	(AB-POL)
S06s	7560	10-8	1110	Tue	265 831 7 46062 68672 97478 39685 30485 96632 52537 831 7 00000	USB	(AB-POL)
S06s	11565	11-8	0830	Wed	464 890 5 43247 32329 48080 36778 39013 890 5 00000	USB	(AB)
S06s	12560	11-8	0840	Wed	464 890 5 43247 32329 48080 36778 39013 890 5 00000	USB	(AB)
S06s	14580	11-8	1000	Wed	276 980 5 42997 84116 53718 78927 34694 980 5 00000	USB	(AB)
S06s	16020	11-8	1010	Wed	276 980 5 42997 84116 53718 78927 34694 980 5 00000	USB	(AB)
S06s	11530	12-8	0730	Thu	172 405 6 30485 96632 52537 53317 06675 41736 405 6 00000	USB	(AB)
S06s	14977	12-8	0740	Thu	172 405 6 30485 96632 52537 53317 06675 41736 405 6 00000	USB	(AB)
S06s	9255	12-8	0930	Thu	698 201 5 26634 14690 95590 63888 92060 201 5 00000	USB	(AB)
S06s	10325	12-8	0940	Thu	698 201 5 26634 14690 95590 63888 92060 201 5 00000	USB	(AB)
S06s	13145	12-8	1200	Thu	175 820 6 88554 82045 36717 24042 75956 31670 820 6 00000	USB	(AB/MPJ)
S06s	14535	12-8	1210	Thu	175 820 6 88554 82045 36717 24042 75956 31670 820 6 00000	USB	(AB/GHn/MPJ)
S06s	10290	13-8	0830	Fri	156 890 7 88620 58069 61732 74537 57440 10597 23521 890 7 00000	USB	(AB)
S06s	9655	13-8	0840	Fri	156 890 7 88620 58069 61732 74537 57440 10597 23521 890 7 00000	USB	(AB)
S06s	6844	13-8	0900	Fri	239 406 5 46062 68672 97478 39685 30485 406 5 00000	USB	(AB)
S06s	7161	13-8	0910	Fri	239 406 5 46062 68672 97478 39685 30485 406 5 00000	USB	(AB)
S06s	16320	16-8	0630	Mon	462 503 7 01405 15003 24357 60583 54545 50128 99477 503 7 00000	AM	(AB)
S06s	14875	16-8	0640	Mon	462 503 7 01405 15003 24357 60583 54545 50128 99477 503 7 00000	AM	(AB)
S06s	8221	16-8	0830	Mon	764 813 5 40614 64385 82707 06123 22536 813 5 00000	USB	(AB)
S06s	9353	16-8	0840	Mon	764 813 5 40614 64385 82707 06123 22536 813 5 00000	USB	(AB)
S06s	16380	16-8	0900	Mon	232 846 5 33696 13577 74526 46647 79302 846 5 00000	USB	(AB)

S06s	14835	16-8	0910	Mon	232 846 5 33696 13577 74526 46647 79302 846 5 00000	USB	(AB)
S06s	10230	16-8	1200	Mon	149 807 5 37450 46501 31053 44246 31824 807 5 00000	USB	(AB)
S06s	12165	16-8	1210	Mon	149 807 5 37450 46501 31053 44246 31824 807 5 00000	USB	(AB)
S06s	15945	17-8	0600	Tue	438 912 5 31828 32247 46840 37936 44753 912 5 00000	USB	(AB)
S06s	16945	17-8	0610	Tue	438 912 5 31828 32247 46840 37936 44753 912 5 00000	USB	(AB)
S06s	5430	17-8	0700	Tue	452 937 6 13621 26252 82057 44817 89106 37937 937 6 00000	USB	(AB-POL)
S06s	6780	17-8	0710	Tue	452 937 6 13621 26252 82057 44817 89106 37937 937 6 00000	USB	(AB)
S06s	7365	17-8	0730	Tue	427 935 6 61881 60151 56499 37086 11887 44066 935 6 00000	USB	(AB)
S06s	11655	17-8	0740	Tue	427 935 6 61881 60151 56499 37086 11887 44066 935 6 00000	USB	(AB)
S06s	14373	17-8	0800	Tue	127 905 6 99183 39237 75604 14597 72729 94766 905 6 00000	USB	(AB)
S06s	12935	17-8	0810	Tue	127 905 6 99183 39237 75604 14597 72729 94766 905 6 00000	USB	(AB)
S06s	4820	17-8	1000	Tue	427 859 6 21015 82225 23414 73699 34332 53422 859 6 00000	USB	(AB-POL)
S06s	5660	17-8	1010	Tue	427 859 6 21015 82225 23414 73699 34332 53422 859 6 00000	USB	(AB-POL)
S06s	6810	17-8	1100	Tue	265 493 7 73834 36679 05666 60982 08338 47373 40174 493 7 00000	USB	(AB-POL)
S06s	7560	17-8	1110	Tue	265 493 7 73834 36679 05666 60982 08338 47373 40174 493 7 00000	USB	(AB-POL)
S06s	11565	18-8	0830	Wed	464 873 5 45281 84446 18265 22486 70333 873 5 00000	USB	(AB)
S06s	12560	18-8	0840	Wed	464 873 5 45281 84446 18265 22486 70333 873 5 00000	USB	(AB)
S06s	14580	18-8	1000	Wed	276 438 5 61882 70252 56388 26088 89206 438 5 00000	USB	(AB)
S06s	16020	18-8	1010	Wed	276 438 5 61882 70252 56388 26088 89206 438 5 00000	USB	(AB)
S06s	11530	19-8	0730	Thu	172 486 5 88728 34856 99271 37454 11876 486 5 00000	USB	(AB)
S06s	14977	19-8	0740	Thu	172 486 5 88728 34856 99271 37454 11876 486 5 00000	USB	(AB)
S06s	9255	19-8	0930	Thu	698 273 5 90577 83175 42776 18193 18204 273 5 00000	USB	(AB)
S06s	10325	19-8	0940	Thu	698 273 5 90577 83175 42776 18193 18204 273 5 00000	USB	(AB)
S06s	13145	19-8	1200	Thu	175 932 6 21015 82225 23414 73599 34332 53522 932 6 00000	USB	(AB/MPJ)
S06s	14535	19-8	1210	Thu	175 932 6 21015 82225 23414 73599 34332 53522 932 6 00000	USB	(AB/MPJ)
S06s	10290	20-8	0830	Fri	156 824 7 44817 89106 37937 16383 56723 71382 94742 824 7 00000	USB	(AB)
S06s	9655	20-8	0840	Fri	156 824 7 44817 89106 37937 16383 56723 71382 94742 824 7 00000	USB	(AB)
S06s	6844	20-8	0900	Fri	239 468 5 38865 17495 42551 32629 59658 468 5 00000	USB	(AB)
S06s	7161	20-8	0910	Fri	239 468 5 38865 17495 42551 32629 59658 468 5 00000	USB	(AB)
S06s	16320	23-8	0630	Mon	462 503 7 01405 15003 24357 60583 54545 50128 99477 503 7 00000	AM	(AB)
S06s	14875	23-8	0640	Mon	462 503 7 01405 15003 24357 60583 54545 50128 99477 503 7 00000	AM	(AB)
S06s	8221	23-8	0830	Mon	764 813 5 40614 64385 82707 06123 22536 813 5 00000	USB	(AB)
S06s	9353	23-8	0840	Mon	764 813 5 40614 64385 82707 06123 22536 813 5 00000	USB	(AB)
S06s	16380	23-8	0900	Mon	232 846 5 33696 13577 74526 46647 79302 846 5 00000	USB	(AB)
S06s	14835	23-8	0910	Mon	232 846 5 33696 13577 74526 46647 79302 846 5 00000	USB	(AB)
S06s	10230	23-8	1200	Mon	149 807 5 37450 46501 31053 44246 31824 807 5 00000	USB	(AB/MPJ-HNG)
S06s	12165	23-8	1210	Mon	149 807 5 37450 46501 31053 44246 31824 807 5 00000	USB	(AB/MPJ-HNG)
S06s	15945	24-8	0600	Tue	438 912 5 31828 32247 46840 37936 44753 912 5 00000	USB	(AB-G)
S06s	16945	24-8	0610	Tue	438 912 5 31828 32247 46840 37936 44753 912 5 00000	USB	(AB-G)
S06s	5430	24-8	0700	Tue	452 937 6 13621 26252 82057 44817 89106 37937 937 6 00000	USB	(AB-POL)
S06s	6780	24-8	0710	Tue	452 937 6 13621 26252 82057 44817 89106 37937 937 6 00000	USB	(AB)
S06s	7365	24-8	0730	Tue	427 935 6 61881 60151 56499 37086 11887 44066 935 6 00000	USB	(AB)

S06s	11655	24-8	0740	Tue	427 935 6 61881 60151 56499 37086 11887 44066 935 6 00000	USB	(AB)
S06s	14373	24-8	0800	Tue	127 905 6 99183 39237 75604 14597 72729 94766 905 6 00000	USB	(AB)
S06s	12935	24-8	0810	Tue	127 905 6 99183 39237 75604 14597 72729 94766 905 6 00000	USB	(AB)
S06s	4820	24-8	1000	Tue	427 859 6 21015 82225 23414 73699 34332 53422 859 6 00000	USB	(AB-POL)
S06s	5660	24-8	1010	Tue	427 859 6 21015 82225 23414 73699 34332 53422 859 6 00000	USB	(AB-POL)
S06s	6810	24-8	1100	Tue	265 493 7 73834 36679 05666 60982 08338 47373 40174 493 7 00000	USB	(AB-POL)
S06s	7560	24-8	1110	Tue	265 493 7 73834 36679 05666 60982 08338 47373 40174 493 7 00000	USB	(AB-POL)
S06s	11565	25-8	0830	Wed	464 873 5 45281 84446 18265 22486 70333 873 5 00000	USB	(AB)
S06s	12560	25-8	0840	Wed	464 873 5 45281 84446 18265 22486 70333 873 5 00000	USB	(AB)
S06s	14580	25-8	1000	Wed	276 438 5 61882 70252 56388 26088 89206 438 5 00000	USB	(AB)
S06s	16020	25-8	1010	Wed	276 438 5 61882 70252 56388 26088 89206 438 5 00000	USB	(AB)
S06s	11530	26-8	0730	Thu	172 486 5 88728 34856 99271 37454 11876 486 5 00000	USB	(AB)
S06s	14977	26-8	0740	Thu	172 486 5 88728 34856 99271 37454 11876 486 5 00000	USB	(AB)
S06s	9255	26-8	0930	Thu	698 273 5 90577 83175 42776 18193 18204 273 5 00000	USB	(AB)
S06s	10325	26-8	0940	Thu	698 273 5 90577 83175 42776 18193 18204 273 5 00000	USB	(AB)
S06s	13145	26-8	1200	Thu	175 932 6 21015 82225 23414 73599 34332 53522 932 6 00000	USB	(AB/MPJ)
S06s	14535	26-8	1210	Thu	175 932 6 21015 82225 23414 73599 34332 53522 932 6 00000	USB	(AB/MPJ)
S06s	10290	27-8	0830	Fri	156 824 7 44817 89106 37937 16383 56723 71382 94742 824 7 00000	USB	(AB)
S06s	9655	27-8	0840	Fri	156 824 7 44817 89106 37937 16383 56723 71382 94742 824 7 00000	USB	(AB)
S06s	6844	27-8	0900	Fri	239 468 5 38865 17495 42551 32629 59658 468 5 00000	USB	(AB)
S06s	7161	27-8	0910	Fri	239 468 5 38865 17495 42551 32629 59658 468 5 00000	USB	(AB)
S06s	16320	30-8	0630	Mon	462 462 462 00000	AM	(AB)
S06s	14875	30-8	0640	Mon	462 462 462 00000	AM	(AB)
S06s	8221	30-8	0830	Mon	764 764 764 00000	USB	(AB)
S06s	9353	30-8	0840	Mon	764 764 764 00000	USB	(AB)
S06s	16380	30-8	0900	Mon	232 232 232 00000	USB	(AB)
S06s	14835	30-8	0910	Mon	232 232 232 00000	USB	(AB)
S06s	10230	30-8	1200	Mon	149 149 149 00000	USB	(AB/MPJ)
S06s	12165	30-8	1210	Mon	149 149 149 00000	USB	(AB/MPJ)
S06s	15945	31-8	0600	Tue	438 438 438 00000	USB	(AB)
S06s	16945	31-8	0610	Tue	438 438 438 00000	USB	(AB)
S06s	5430	31-8	0700	Tue	452 452 452 00000	USB	(AB-POL)
S06s	6780	31-8	0710	Tue	452 452 452 00000	USB	(AB-POL)
S06s	7365	31-8	0730	Tue	427 427 427 00000	USB	(AB)
S06s	11655	31-8	0740	Tue	427 427 427 00000	USB	(AB)
S06s	14373	31-8	0800	Tue	127 127 127 00000	USB	(AB)
S06s	12935	31-8	0810	Tue	127 127 127 00000	USB	(AB)
S06s	4820	31-8	1000	Tue	427 427 427 00000	USB	(AB-POL)
S06s	5660	31-8	1010	Tue	427 427 427 00000	USB	(AB-POL)
S06s	6810	31-8	1100	Tue	265 265 265 00000	USB	(AB-POL)
S06s	7560	31-8	1110	Tue	265 265 265 00000	USB	(AB-POL)
S11a	5149	1-8	0830	Sun	371/00	USB	(AB)

S11a	13537	2-8	0510	Mon	652/00	USB	(AB)
S11a	9339	2-8	0700	Mon	477/00	USB	(AB)
S11a	6814	2-8	0915	Mon	487/00	USB	(AB)
S11a	15690	3-8	0500	Tue	382/00	USB	(AB)
S11a	10125	3-8	1020	Tue	426/31 Vnimanaye 57564 39326 40330 ... 93139 18937 29052 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	13537	4-8	0510	Wed	652/00	USB	(AB)
S11a	12457	4-8	1850	Wed	282/00	USB	(AB)
S11a	15690	5-8	0500	Thu	387/00	USB	(AB-RUS)
S11a	9339	5-8	0700	Thu	476/00	USB	(AB)
S11a	6814	6-8	0915	Fri	484/00	USB	(AB)
S11a	10125	6-8	1020	Fri	426/31 Vnimanaye 57564 39326 40330 ... 93139 18937 29052 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	5149	7-8	0830	Sat	377/00	USB	(AB)
S11a	12457	7-8	1850	Sat	288/00	USB	(AB/MPJ)
S11a	5149	8-8	0830	Sun	370/00	USB	(AB)
S11a	13537	9-8	0510	Mon	651/00	USB	(AB)
S11a	9339	9-8	0700	Mon	470/00	USB	(AB)
S11a	6814	9-8	0915	Mon	483/36 Vnimanaye 55911 95017 10495 ... 87256 33365 41602 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	15690	10-8	0500	Tue	389/00	USB	(AB-POL)
S11a	10125	10-8	1020	Tue	424/00	USB	(AB)
S11a	13537	11-8	0510	Wed	656/00	USB	(AB)
S11a	12457	11-8	1850	Wed	287/34 Vnimanaye 19441 66137 76361 ... 47072 13634 14950 Vnimanaye (message repeated) Konets	USB	(AB-POL/MPJ-AUT)
S11a	15690	12-8	0500	Thu	382/00	USB	(AB-POL)
S11a	9339	12-8	0700	Thu	476/00	USB	(AB)
S11a	6814	13-8	0915	Fri	483/36 Vnimanaye 55911 95017 10495 ... 87256 33365 41602 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	10125	13-8	1020	Fri	424/00	USB	(AB)
S11a	5149	14-8	0830	Sat	376/00	USB	(AB)
S11a	12457	14-8	1850	Sat	287/34 Vnimanaye 19441 66137 76361 ... 47072 13634 14950 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	5149	15-8	0830	Sun	376/00	USB	(AB)
S11a	9339	16-8	0700	Mon	475/00	USB	(AB)
S11a	6814	16-8	0915	Mon	484/00	USB	(AB)
S11a	15690	17-8	0500	Tue	384/39 Vnimanaye 72094 18518 82674 ... 93830 40325 87881 Vnimanaye (message repeated) Ko- net	USB	(AB-RUS)
S11a	10125	17-8	1020	Tue	422/00	USB	(AB)
S11a	13537	18-8	0510	Wed	656/32 Vnimanaye 04232 03516 52230 ... 88739 00033 67421 Vnimanaye (message repeated) Konets	USB	(AB-RUS)
S11a	12457	18-8	1850	Wed	288/00	USB	(AB)

S11a	9339	19-8	0700	Thu	478/00	USB	(AB)
S11a	6814	20-8	0915	Fri	484/00	USB	(AB)
S11a	5149	21-8	0830	Sat	370/33 Vnmaniye 36108 72421 12644 ... 77588 49393 48419 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	12457	21-8	1850	Sat	282/00	USB	(AB)
S11a	5149	22-8	0830	Sun	370/33 Vnmaniye 36108 72421 12644 ... 77588 49393 48419 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	13537	23-8	0510	Mon	654/00	USB	(AB)
S11a	9339	23-8	0700	Mon	475/39 Vnmaniye 90612 54561 08487 ... 28008 07694 20216 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	6814	23-8	0915	Mon	486/00	USB	(AB)
S11a	15690	24-8	0500	Tue	380/00	USB	(AB-POL/HFD)
S11a	10125	24-8	1020	Tue	421/00	USB	(AB)
S11a	13537	25-8	0510	Wed	656/00	USB	(AB-POL)
S11a	12457	25-8	1850	Wed	287/00	USB	(AB)
S11a	15690	26-8	0500	Thu	389/00	USB	(AB-POL)
S11a	9339	26-8	0700	Thu	475/39 Vnmaniye 90612 54561 08487 ... 28008 07694 20216 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	6814	27-8	0915	Fri	480/00	USB	(AB)
S11a	10125	27-8	1020	Fri	427/00	USB	(AB)
S11a	5149	28-8	0830	Sat	373/00	USB	(AB)
S11a	12457	28-8	1850	Sat	284/00	USB	(AB)
S11a	5149	29-8	0830	Sun	378/00	USB	(AB)
S11a	13537	30-8	0510	Mon	655/00	USB	(AB)
S11a	9339	30-8	0700	Mon	475/00	USB	(AB)
S11a	6814	30-8	0915	Mon	484/00	USB	(AB)
S11a	10125	31-8	1020	Tue	420/00	USB	(AB)
V07	13464	1-8	0300	Sun	415 415 415 1 300 95 300 95 89187 35658 18095 ... 73643 04122 78543 000 000	USB	(Dan-J)
V07	13464	8-8	0300	Sun	415 415 415 1 294 124 294 124 42104 17259 14657 ... 63323 80922 44429 000 000	USB	(Dan-J/HFD-USA)
V07	12164	8-8	0320	Sun	415 415 415 1 294 124 294 124 42104 17259 14657 ... 63323 80922 44429 000 000	USB	(HFD-USA)
V07	11564	8-8	0340	Sun	415 415 415 1 294 124 294 124 42104 17259 14657 ... 63323 80922 44429 000 000	USB	(HFD-USA)
V07	13464	15-8	0300	Sun	415 415 415 1 5617 108 5617 108 30159 38994 70328 ... 75625 72737 30561 000 000	USB	(Dan)
V07	13464	22-8	0300	Sun	415 415 415 1 6078 108 6078 108 12990 89207 62684 ... 63050 365?2 30112 000 000	USB	(Dan)
V07	13464	29-8	0300	Sun	415 415 415 1 399 44 399 44 67332 10026 62752 ... 15590 05311 46709 000 000	USB	(Dan-J)
V26	4364	3-8	1132	Tue	XSV85 callsup in Chinese voice //8073	USB	(JPL)
V26	8073	3-8	1132	Tue	XSV85 callsup in Chinese voice //4364	USB	(JPL)
V26	4364	10-8	1131	Tue	XSV85 callup in Chinese voice. Male operator	USB	(JPL)
V26	4364	13-8	1130	Fri	XSV85: callup in Chinese voice. Male operator //8073	USB	(JPL)
V26	8073	13-8	1130	Fri	XSV85: callup in Chinese voice. Male operator //4364	USB	(JPL)
V26	4243	13-8	1141	Fri	Callup in Chinese voice. Female operator. At the same time Q26 with a message	USB	(JPL)
VC01	3196	4-8	2004	Wed	Chinese Air Defense a.k.a. Chinese Robot	USB	(AB-J)

VC03 U	5999	12-8	2143	Thu	Chinese Air Defense. Male operator reading bearings	SB	(Geoff)
X06	13524	3-8	0803	Tue	MFA Moscow clg 125643: Russian embassy Ulanbatar	MFSK-6	(ES-HOL)
X06	15836	3-8	0805	Tue	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-6	(ES-HOL)
X06	14631	4-8	0830	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(ES)
X06	10175	16-8	0714	Mon	MFA Moscow clg 263514: unid Russian embassy	MFSK-6	(linkz/PY)
X06	12133	16-8	0718	Mon	MFA Moscow clg 263514: unid Russian embassy	MFSK-6	(linkz/PY)
X06	8068	16-8	0723	Mon	MFA Moscow clg 263514: unid Russian embassy	MFSK-6	(linkz/PY)
X06	13415	16-8	0735	Mon	MFA Moscow clg 263514: unid Russian embassy	MFSK-6	(linkz/PY)
X06	11158	16-8	0745	Mon	MFA Moscow clg 263514: unid Russian embassy	MFSK-6	(linkz/PY)
X06b	9000	5-8	1938	Thu	111666 (R10h58m)	MFSK-6	(AB)
XPA1	10234	3-8	0710	Tue	829 829 829 000 01140 00001 00000 31655	MFSK-20/10Bd	(AB/HFD)
XPA1	11511	3-8	0730	Tue	829 829 829 000 01140 00001 00000 31655	MFSK-20/10Bd	(AB/HFD)
XPA1	12117	3-8	0750	Tue	829 829 829 000 01140 00001 00000 31655	MFSK-20/10Bd	(AB/HFD)
XPA1	12192	3-8	1150	Tue	i.p.	MFSK-16/20Bd	(AB)
XPA1	13491	4-8	1210	Wed	416 416 416 000 04521 00001 00000 34256	MFSK20/10Bd	(AB/HFD)
XPA1	12191	4-8	1230	Wed	416 416 416 000 04521 00001 00000 34256	MFSK20/10Bd	(AB/HFD)
XPA1	10691	4-8	1250	Wed	416 416 416 000 04521 00001 00000 34256	MFSK20/10Bd	(AB/HFD)
XPA1	10234	5-8	0710	Thu	829 829 829 000 01202 00001 00000 33251	MFSK-20/10Bd	(AB)
XPA1	11511	5-8	0730	Thu	829 829 829 000 01202 00001 00000 33251	MFSK-20/10Bd	(AB)
XPA1	12117	5-8	0750	Thu	829 829 829 000 01202 00001 00000 33251	MFSK-20/10Bd	(AB)
XPA1	13491	6-8	1210	Fri	416 416 416 000 04556 00001 00000 36661	MFSK20/10Bd	(AB/MPJ)
XPA1	12191	6-8	1230	Fri	416 416 416 000 04556 00001 00000 36661	MFSK20/10Bd	(AB/MPJ/RL-HOL)
XPA1	10691	6-8	1250	Fri	416 416 416 000 04556 00001 00000 36661	MFSK20/10Bd	(AB/MPJ/RL-HOL)
XPA1	10234	10-8	0710	Tue	829 829 829 000 04186 00001 00000 34664	MFSK-20/10Bd	(AB)
XPA1	11511	10-8	0730	Tue	829 829 829 000 01140 00001 00000 31655	MFSK-20/10Bd	(AB)
XPA1	12117	10-8	0750	Tue	829 829 829 000 04186 00001 00000 34664	MFSK-20/10Bd	(AB)
XPA1	13491	11-8	1210	Wed	416 416 416 000 05010 00001 00000 31256	MFSK20/10Bd	(AB/MPJ)
XPA1	12191	11-8	1230	Wed	416 416 416 000 05010 00001 00000 31256	MFSK20/10Bd	(AB/MPJ)
XPA1	10691	11-8	1250	Wed	416 416 416 000 05010 00001 00000 31256	MFSK20/10Bd	(AB/MPJ)
XPA1	10234	12-8	0710	Thu	829 829 829 000 09700 00001 00000 34661	MFSK-20/10Bd	(AB)
XPA1	11511	12-8	0730	Thu	829 829 829 000 09700 00001 00000 34661	MFSK-20/10Bd	(AB)
XPA1	12117	12-8	0750	Thu	829 829 829 000 09700 00001 00000 34661	MFSK-20/10Bd	(AB)
XPA1	13491	13-8	1210	Fri	416 416 416 000 06342 00001 00000 33662	MFSK20/10Bd	(AB/MPJ)
XPA1	12191	13-8	1230	Fri	416 416 416 000 06342 00001 00000 33662	MFSK20/10Bd	(AB/MPJ)
XPA1	10691	13-8	1250	Fri	416 416 416 000 06342 00001 00000 33662	MFSK20/10Bd	(AB/MPJ)
XPA1	10234	17-8	0710	Tue	829 829 829 000 08497 00001 00000 36671	MFSK-20/10Bd	(AB)
XPA1	11511	17-8	0730	Tue	829 829 829 000 08497 00001 00000 36671	MFSK-20/10Bd	(AB)
XPA1	12117	17-8	0750	Tue	829 829 829 000 08497 00001 00000 36671	MFSK-20/10Bd	(AB)
XPA1	13491	18-8	1210	Wed	416 416 416 000 02201 00001 00000 32652	MFSK20/10Bd	(AB)
XPA1	12191	18-8	1230	Wed	416 416 416 000 02201 00001 00000 32652	MFSK20/10Bd	(AB)
XPA1	10691	18-8	1250	Wed	416 416 416 000 02201 00001 00000 32652	MFSK20/10Bd	(AB)

XPA1	10234	19-8	0710	Thu	829 829 829 000 07692 00001 00000 35270	MFSK-20/10Bd	(AB)
XPA1	11511	19-8	0730	Thu	829 829 829 000 07692 00001 00000 35270	MFSK-20/10Bd	(AB)
XPA1	12117	19-8	0750	Thu	829 829 829 000 07692 00001 00000 35270	MFSK-20/10Bd	(AB)
XPA1	13491	20-8	1210	Fri	416 416 416 000 04019 00001 00000 35655	MFSK20/10Bd	(AB)
XPA1	12191	20-8	1230	Fri	416 416 416 000 04019 00001 00000 35655	MFSK20/10Bd	(AB)
XPA1	10691	20-8	1250	Fri	416 416 416 000 04019 00001 00000 35655	MFSK20/10Bd	(AB)
XPA1	10234	24-8	0710	Tue	829 829 829 000 01610 00001 00000 34252	MFSK-20/10Bd	(AB)
XPA1	11511	24-8	0730	Tue	829 829 829 000 01610 00001 00000 34252	MFSK-20/10Bd	(AB)
XPA1	12117	24-8	0750	Tue	829 829 829 000 01610 00001 00000 34252	MFSK-20/10Bd	(AB)
XPA1	13491	25-8	1210	Wed	416 416 416 1 00204 00100 70867 ... 95801 84181 73513	MFSK20/10Bd	(AB)
XPA1	12191	25-8	1230	Wed	416 416 416 1 00204 00100 70867 ... 95801 84181 73513	MFSK20/10Bd	(AB)
XPA1	10691	25-8	1250	Wed	416 416 416 1 00204 00100 70867 ... 95801 84181 73513	MFSK20/10Bd	(AB)
XPA1	10234	26-8	0710	Thu	829 829 829 000 05031 00001 00000 31660	MFSK-20/10Bd	(AB)
XPA1	11511	26-8	0730	Thu	829 829 829 000 05031 00001 00000 31660	MFSK-20/10Bd	(AB)
XPA1	12117	26-8	0750	Thu	829 829 829 000 05031 00001 00000 31660	MFSK-20/10Bd	(AB)
XPA1	13491	27-8	1210	Fri	416 416 416 1 00204 00100 70867 ... 95801 84181 73513	MFSK20/10Bd	(AB/MPJ)
XPA1	12191	27-8	1230	Fri	416 416 416 1 00204 00100 70867 ... 95801 84181 73513	MFSK20/10Bd	(AB/MPJ)
XPA1	10691	27-8	1250	Fri	416 416 416 1 00204 00100 70867 ... 95801 84181 73513	MFSK20/10Bd	(AB/MPJ)
XPA1	10234	31-8	0710	Tue	829 829 829 000 06257 00001 00000 35663	MFSK-20/10Bd	(AB)
XPA1	11511	31-8	0730	Tue	829 829 829 000 06257 00001 00000 35663	MFSK-20/10Bd	(AB)
XPA1	12117	31-8	0750	Tue	829 829 829 000 06257 00001 00000 35663	MFSK-20/10Bd	(AB)
XPA2	12159	1-8	2100	Sun	09728 00156 69196 ... 23652 65627 76060 12443	MFSK-16/20Bd	(AB/HFD)
XPA2	11559	1-8	2120	Sun	09728 00156 69196 ... 23652 65627 76060 12443	MFSK-16/20Bd	(AB/HFD)
XPA2	10559	1-8	2140	Sun	09728 00156 69196 ... 23652 65627 76060 12443	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	12152	2-8	0700	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB/HFD)
XPA2	13552	2-8	0720	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB/HFD)
XPA2	13952	2-8	0740	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB/HFD)
XPA2	18059	2-8	0910	Mon	09079 00086 45095 ... 77537 37024 57554	MFSK-16/20Bd	(AB)
XPA2	16093	2-8	0930	Mon	09079 00086 45095 ... 77537 37024 57554	MFSK-16/20Bd	(AB)
XPA2	14874	2-8	0950	Mon	09079 00086 45095 ... 77537 37024 57554	MFSK-16/20Bd	(AB)
XPA2	13825	2-8	1500	Mon	03315 00001 00000 35254	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	12125	2-8	1520	Mon	03315 00001 00000 35254	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	11025	2-8	1540	Mon	03315 00001 00000 35254	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	10427	3-8	1045	Tue	04302 00500 24976 ... 73495 70424 46571	MFSK-16/20Bd	(AB)
XPA2	12153	3-8	1055	Tue	i.p.	MFSK-16/20Bd	(AB)
XPA2	13887	3-8	1100	Tue	00248 00138 44960 ... 87330 51798 52364	MFSK-16/20Bd	(AB)
XPA2	12187	3-8	1120	Tue	00248 00138 44960 ... 87330 51798 52364	MFSK-16/20Bd	(Priyom)
XPA2	10387	3-8	1140	Tue	00248 00138 44960 ... 87330 51798 52364	MFSK-16/20Bd	(AB)
XPA2	12153	3-8	1305	Tue	07686 00350 80860 ... 02169 00021 02762	MFSK-16/20bd	(AB)
XPA2	14864	3-8	1600	Tue	00131 00183 35664 ... 18575 14732 35752	MFSK-16/20bd	(AB)
XPA2	14364	3-8	1620	Tue	00131 00183 35664 ... 18575 14732 35752	MFSK-16/20bd	(AB)
XPA2	13464	3-8	1640	Tue	00131 00183 35664 ... 18575 14732 35752	MFSK-16/20bd	(AB)

XPA2	12159	3-8	2100	Tue	02752 00144 45532 ... 03394 92581 51071	MFSK-16/20bd	(AB)
XPA2	11559	3-8	2120	Tue	02752 00144 45532 ... 03394 92581 51071	MFSK-16/20bd	(AB)
XPA2	10559	3-8	2140	Tue	02752 00144 45532 ... 03394 92581 51071	MFSK-16/20bd	(AB)
XPA2	12152	4-8	0700	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13552	4-8	0720	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13952	4-8	0740	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	18059	4-8	0910	Wed	09079 00086 45095 ... 77537 37024 57554	MFSK-16/20Bd	(AB/HFD)
XPA2	16093	4-8	0930	Wed	09079 00086 45095 ... 77537 37024 57554	MFSK-16/20Bd	(AB/HFD)
XPA2	14874	4-8	0950	Wed	09079 00086 45095 ... 77537 37024 57554	MFSK-16/20Bd	(AB/HFD)
XPA2	16264	4-8	1100	Wed	04402 00039 84935 ... 80269 80902 62062	MFSK-16/20Bd	(AB/HFD)
XPA2	15864	4-8	1120	Wed	04402 00039 84935 ... 80269 80902 62062	MFSK-16/20Bd	(AB/HFD)
XPA2	14864	4-8	1140	Wed	04402 00039 84935 ... 80269 80902 62062	MFSK-16/20Bd	(AB/HFD)
XPA2	13919	4-8	1200	Wed	00165 00144 70258 ... 59626 71447 16602	MFSK-16/20Bd	(AB/HFD)
XPA2	14719	4-8	1220	Wed	00165 00144 70258 ... 59626 71447 16602	MFSK-16/20Bd	(AB/HFD)
XPA2	16219	4-8	1240	Wed	00165 00144 70258 ... 59626 71447 16602	MFSK-16/20Bd	(AB/HFD)
XPA2	14372	5-8	0910	Thu	07722 00001 00000 35662	MFSK-16/20Bd	(AB/HFD)
XPA2	13372	5-8	0930	Thu	07722 00001 00000 35662	MFSK-16/20Bd	(AB/HFD)
XPA2	12172	5-8	0950	Thu	07722 00001 00000 35662	MFSK-16/20Bd	(AB/HFD)
XPA2	16264	5-8	1100	Thu	04402 00039 84935 ... 80269 80902 62062	MFSK-16/20Bd	(AB/MPJ)
XPA2	15864	5-8	1120	Thu	04402 00039 84935 ... 80269 80902 62062	MFSK-16/20Bd	(AB/MPJ)
XPA2	14864	5-8	1140	Thu	04402 00039 84935 ... 80269 80902 62062	MFSK-16/20Bd	(AB/MPJ)
XPA2	14864	5-8	1600	Thu	00131 00183 35664 ... 18575 14732 35752	MFSK-16/20bd	(AB)
XPA2	14364	5-8	1620	Thu	00131 00183 35664 ... 18575 14732 35752	MFSK-16/20bd	(AB)
XPA2	13464	5-8	1640	Thu	00131 00183 35664 ... 18575 14732 35752	MFSK-16/20bd	(AB)
XPA2	12187	6-8	1100	Fri	00248 00138 44960 ... 87330 51798 52364	MFSK-16/20Bd	(AB/MPJ)
XPA2	13887	6-8	1100	Fri	00248 00138 44960 ... 87330 51798 52364	MFSK-16/20Bd	(AB/MPJ)
XPA2	10387	6-8	1140	Fri	00248 00138 44960 ... 87330 51798 52364	MFSK-16/20Bd	(AB/MPJ)
XPA2	13919	6-8	1200	Fri	00165 00144 70258 ... 59626 71447 16602	MFSK-16/20Bd	(AB)
XPA2	14719	6-8	1220	Fri	00165 00144 70258 ... 59626 71447 16602	MFSK-16/20Bd	(AB)
XPA2	16219	6-8	1240	Fri	00165 00144 70258 ... 59626 71447 16602	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	14372	7-8	0910	Sat	03834 00001 00000 37256	MFSK-16/20Bd	(AB)
XPA2	13372	7-8	0930	Sat	03834 00001 00000 37256	MFSK-16/20Bd	(AB)
XPA2	12172	7-8	0950	Sat	03834 00001 00000 37256	MFSK-16/20Bd	(AB)
XPA2	13825	7-8	1500	Sat	02987 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	12125	7-8	1520	Sat	02987 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	11025	7-8	1540	Sat	02987 00001 00000 41262	MFSK-16/20Bd	(AB/RL)
XPA2	12159	8-8	2100	Sun	02752 00144 45532 ... 03394 92581 51071	MFSK-16/20bd	(AB)
XPA2	11559	8-8	2120	Sun	02752 00144 45532 ... 03394 92581 51071	MFSK-16/20bd	(AB)
XPA2	10559	8-8	2140	Sun	02752 00144 45532 ... 03394 92581 51071	MFSK-16/20bd	(AB)
XPA2	12152	9-8	0700	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13552	9-8	0720	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13952	9-8	0740	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)

XPA2	18059	9-8	0910	Mon	04587 00200 45342 ... 51801 41836 63773	MFSK-16/20Bd	(AB)
XPA2	16093	9-8	0930	Mon	04587 00200 45342 ... 51801 41836 63773	MFSK-16/20Bd	(AB)
XPA2	14874	9-8	0950	Mon	04587 00200 45342 ... 51801 41836 63773	MFSK-16/20Bd	(AB)
XPA2	13825	9-8	1500	Mon	08742 00232 19157 ... 11082 22573 44465	MFSK-16/20Bd	(AB)
XPA2	12125	9-8	1520	Mon	08742 00232 19157 ... 11082 22573 44465	MFSK-16/20Bd	(AB)
XPA2	11025	9-8	1540	Mon	08742 00232 19157 ... 11082 22573 44465	MFSK-16/20Bd	(AB)
XPA2	13887	10-8	1100	Tue	02821 00054 98853 ... 62848 31508 44750	MFSK-16/20Bd	(AB)
XPA2	12187	10-8	1120	Tue	02821 00054 98853 ... 62848 31508 44750	MFSK-16/20Bd	(AB)
XPA2	10387	10-8	1140	Tue	02821 00054 98853 ... 62848 31508 44750	MFSK-16/20Bd	(AB)
XPA2	14864	10-8	1600	Tue	09908 00001 00000 41661	MFSK-16/20bd	(AB)
XPA2	14364	10-8	1620	Tue	09908 00001 00000 41661	MFSK-16/20bd	(AB)
XPA2	13464	10-8	1640	Tue	09908 00001 00000 41661	MFSK-16/20bd	(AB)
XPA2	12159	10-8	2100	Tue	03814 00132 35317 ... 74565 78880 66236	MFSK-16/20bd	(AB)
XPA2	11559	10-8	2120	Tue	03814 00132 35317 ... 74565 78880 66236	MFSK-16/20bd	(AB)
XPA2	10559	10-8	2140	Tue	03814 00132 35317 ... 74565 78880 66236	MFSK-16/20bd	(AB)
XPA2	12152	11-8	0700	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13552	11-8	0720	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13952	11-8	0740	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	18059	11-8	0910	Wed	04587 00200 45342 ... 51801 41836 63773	MFSK-16/20Bd	(AB)
XPA2	16093	11-8	0930	Wed	04587 00200 45342 ... 51801 41836 63773	MFSK-16/20Bd	(AB)
XPA2	14874	11-8	0950	Wed	04587 00200 45342 ... 51801 41836 63773	MFSK-16/20Bd	(AB)
XPA2	16264	11-8	1100	Wed	06863 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	15864	11-8	1120	Wed	06863 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	14864	11-8	1140	Wed	06863 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	13919	11-8	1200	Wed	00233 00080 25367 ... 64010 42703 62055	MFSK-16/20Bd	(AB)
XPA2	14719	11-8	1220	Wed	00233 00080 25367 ... 64010 42703 62055	MFSK-16/20Bd	(AB)
XPA2	16219	11-8	1240	Wed	00233 00080 25367 ... 64010 42703 62055	MFSK-16/20Bd	(AB)
XPA2	14372	12-8	0910	Thu	06659 00001 00000 40663	MFSK-16/20Bd	(AB)
XPA2	13372	12-8	0930	Thu	06659 00001 00000 40663	MFSK-16/20Bd	(AB)
XPA2	12172	12-8	0950	Thu	06659 00001 00000 40663	MFSK-16/20Bd	(AB)
XPA2	16264	12-8	1100	Thu	09626 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	15864	12-8	1120	Thu	09626 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	14864	12-8	1140	Thu	09626 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	14864	12-8	1600	Thu	09889 00001 00000 41671	MFSK-16/20bd	(AB/MPJ)
XPA2	14364	12-8	1620	Thu	09889 00001 00000 41671	MFSK-16/20bd	(AB/MPJ)
XPA2	13464	12-8	1640	Thu	09889 00001 00000 41671	MFSK-16/20bd	(AB/MPJ)
XPA2	13887	13-8	1100	Fri	02821 00054 98853 ... 62848 31508 44750	MFSK-16/20Bd	(AB)
XPA2	12187	13-8	1120	Fri	02821 00054 98853 ... 62848 31508 44750	MFSK-16/20Bd	(AB)
XPA2	10387	13-8	1140	Fri	02821 00054 98853 ... 62848 31508 44750	MFSK-16/20Bd	(AB)
XPA2	13919	13-8	1200	Fri	00233 00080 25367 ... 64010 42703 62055	MFSK-16/20Bd	(AB)
XPA2	14719	13-8	1220	Fri	00233 00080 25367 ... 64010 42703 62055	MFSK-16/20Bd	(AB)
XPA2	16219	13-8	1240	Fri	00233 00080 25367 ... 64010 42703 62055	MFSK-16/20Bd	(AB)

XPA2	14372	14-8	0910	Sat	04932 00001 00000 36657	MFSK-16/20Bd	(AB)
XPA2	13372	14-8	0930	Sat	04932 00001 00000 36657	MFSK-16/20Bd	(AB)
XPA2	12172	14-8	0950	Sat	04932 00001 00000 36657	MFSK-16/20Bd	(AB)
XPA2	13825	14-8	1500	Sat	08742 00232 19157 ... 11082 22573 44465	MFSK-16/20Bd	(AB/MPJ)
XPA2	12125	14-8	1520	Sat	08742 00232 19157 ... 11082 22573 44465	MFSK-16/20Bd	(AB/MPJ)
XPA2	11025	14-8	1540	Sat	08742 00232 19157 ... 11082 22573 44465	MFSK-16/20Bd	(AB/MPJ)
XPA2	12159	15-8	2100	Sun	03814 00132 35317 ... 74565 78880 66236	MFSK-16/20bd	(AB/RL)
XPA2	11559	15-8	2120	Sun	03814 00132 35317 ... 74565 78880 66236	MFSK-16/20bd	(AB)
XPA2	10559	15-8	2140	Sun	03814 00132 35317 ... 74565 78880 66236	MFSK-16/20bd	(AB/RL)
XPA2	12152	16-8	0700	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13552	16-8	0720	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13952	16-8	0740	Mon	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	18059	16-8	0910	Mon	09850 00120 96952 ... 36938 19145 33305	MFSK-16/20Bd	(AB)
XPA2	16093	16-8	0930	Mon	09850 00120 96952 ... 36938 19145 33305	MFSK-16/20Bd	(AB)
XPA2	14874	16-8	0950	Mon	09850 00120 96952 ... 36938 19145 33305	MFSK-16/20Bd	(AB)
XPA2	13825	16-8	1500	Mon	01150 00001 00000 21556	MFSK-16/20Bd	(AB/MPJ)
XPA2	12125	16-8	1520	Mon	01150 00001 00000 21556	MFSK-16/20Bd	(AB/MPJ)
XPA2	11025	16-8	1540	Mon	01150 00001 00000 21556	MFSK-16/20Bd	(AB/MPJ)
XPA2	13887	17-8	1100	Tue	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB/MPJ)
XPA2	12187	17-8	1120	Tue	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB/MPJ)
XPA2	10387	17-8	1140	Tue	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB/MPJ)
XPA2	14864	17-8	1600	Tue	00505 00183 05874 ... 80805 31396 27740	MFSK-16/20bd	(AB/HFD)
XPA2	14364	17-8	1620	Tue	00505 00183 05874 ... 80805 31396 27740	MFSK-16/20bd	(AB/HFD)
XPA2	13464	17-8	1640	Tue	00505 00183 05874 ... 80805 31396 27740	MFSK-16/20bd	(AB/HFD)
XPA2	12159	17-8	2100	Tue	07578 00106 30115 ... 54783 20942 41646	MFSK-16/20bd	(AB)
XPA2	11559	17-8	2120	Tue	07578 00106 30115 ... 54783 20942 41646	MFSK-16/20bd	(AB/RL)
XPA2	10559	17-8	2140	Tue	07578 00106 30115 ... 54783 20942 41646	MFSK-16/20bd	(AB/RL)
XPA2	12152	18-8	0700	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13552	18-8	0720	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	13952	18-8	0740	Wed	00565 00100 20279 ... 37464 30528 23642	MFSK-16/20Bd	(AB)
XPA2	18059	18-8	0910	Wed	09850 00120 96952 ... 36938 19145 33305	MFSK-16/20Bd	(AB)
XPA2	16093	18-8	0930	Wed	09850 00120 96952 ... 36938 19145 33305	MFSK-16/20Bd	(AB)
XPA2	14874	18-8	0950	Wed	09850 00120 96952 ... 36938 19145 33305	MFSK-16/20Bd	(AB)
XPA2	16264	18-8	1100	Wed	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	15864	18-8	1120	Wed	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	14864	18-8	1140	Wed	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	13919	18-8	1200	Wed	00637 00108 94465 ... 59487 14158 20336	MFSK-16/20Bd	(AB)
XPA2	14719	18-8	1220	Wed	00637 00108 94465 ... 59487 14158 20336	MFSK-16/20Bd	(AB)
XPA2	16219	18-8	1240	Wed	00637 00108 94465 ... 59487 14158 20336	MFSK-16/20Bd	(AB)
XPA2	14372	19-8	0910	Thu	08654 00088 47514 ... 66368 34184 73626	MFSK-16/20Bd	(AB)
XPA2	13372	19-8	0930	Thu	08654 00088 47514 ... 66368 34184 73626	MFSK-16/20Bd	(AB)
XPA2	12172	19-8	0950	Thu	08654 00088 47514 ... 66368 34184 73626	MFSK-16/20Bd	(AB)

XPA2	16264	19-8	1100	Thu	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	15864	19-8	1120	Thu	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	14864	19-8	1140	Thu	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	14864	19-8	1600	Thu	00505 00183 05874 ... 80805 31396 27740	MFSK-16/20bd	(AB)
XPA2	14364	19-8	1620	Thu	00505 00183 05874 ... 80805 31396 27740	MFSK-16/20bd	(AB)
XPA2	13464	19-8	1640	Thu	00505 00183 05874 ... 80805 31396 27740	MFSK-16/20bd	(AB)
XPA2	13887	20-8	1100	Fri	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB)
XPA2	12187	20-8	1120	Fri	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB)
XPA2	10387	20-8	1140	Fri	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB)
XPA2	13919	20-8	1200	Fri	00637 00108 94465 ... 59487 14158 20336	MFSK-16/20Bd	(AB)
XPA2	14719	20-8	1220	Fri	00637 00108 94465 ... 59487 14158 20336	MFSK-16/20Bd	(AB)
XPA2	16219	20-8	1240	Fri	00637 00108 94465 ... 59487 14158 20336	MFSK-16/20Bd	(AB)
XPA2	14372	21-8	0910	Sat	08654 00088 47514 ... 66368 34184 73626	MFSK-16/20Bd	(AB)
XPA2	13372	21-8	0930	Sat	08654 00088 47514 ... 66368 34184 73626	MFSK-16/20Bd	(AB)
XPA2	12172	21-8	0950	Sat	08654 00088 47514 ... 66368 34184 73626	MFSK-16/20Bd	(AB)
XPA2	13825	21-8	1500	Sat	04685 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	12125	21-8	1520	Sat	04685 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	11025	21-8	1540	Sat	04685 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	12159	22-8	2100	Sun	07578 00106 30115 ... 54783 20942 41646	MFSK-16/20bd	(AB/RL)
XPA2	11559	22-8	2120	Sun	07578 00106 30115 ... 54783 20942 41646	MFSK-16/20bd	(AB/RL)
XPA2	10559	22-8	2140	Sun	07578 00106 30115 ... 54783 20942 41646	MFSK-16/20bd	(AB/RL)
XPA2	12152	23-8	0700	Mon	06247 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	13552	23-8	0720	Mon	06247 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	13952	23-8	0740	Mon	06247 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	18059	23-8	0910	Mon	07323 00001 00000 33261	MFSK-16/20Bd	(AB-KWT)
XPA2	16093	23-8	0930	Mon	07323 00001 00000 33261	MFSK-16/20Bd	(AB)
XPA2	14874	23-8	0950	Mon	07323 00001 00000 33261	MFSK-16/20Bd	(AB)
XPA2	13825	23-8	1500	Mon	00345 00259 07733 ... 31562 41516 15442	MFSK-16/20Bd	(AB/MPJ)
XPA2	12125	23-8	1520	Mon	00345 00259 07733 ... 31562 41516 15442	MFSK-16/20Bd	(AB/MPJ)
XPA2	11025	23-8	1540	Mon	00345 00259 07733 ... 31562 41516 15442	MFSK-16/20Bd	(AB/MPJ)
XPA2	13887	24-8	1100	Tue	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB/HFD)
XPA2	12187	24-8	1120	Tue	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB/HFD)
XPA2	10387	24-8	1140	Tue	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB/HFD)
XPA2	14864	24-8	1600	Tue	03903 00001 00000 37253	MFSK-16/20bd	(AB/MPJ/HFD)
XPA2	14364	24-8	1620	Tue	03903 00001 00000 37253	MFSK-16/20bd	(AB/MPJ/HFD)
XPA2	13464	24-8	1640	Tue	03903 00001 00000 37253	MFSK-16/20bd	(AB/MPJ/HFD)
XPA2	12159	24-8	2100	Tue	01005 00001 00000 33651	MFSK-16/20bd	(AB)
XPA2	11559	24-8	2120	Tue	01005 00001 00000 33651	MFSK-16/20bd	(AB)
XPA2	10559	24-8	2140	Tue	01005 00001 00000 33651	MFSK-16/20bd	(AB)
XPA2	12152	25-8	0700	Wed	08337 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	13552	25-8	0720	Wed	08337 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	13952	25-8	0740	Wed	08337 00001 00000 36263	MFSK-16/20Bd	(AB)

XPA2	18059	25-8	0910	Wed	01191 00001 00000 32262	MFSK-16/20Bd	(AB)
XPA2	16093	25-8	0930	Wed	01191 00001 00000 32262	MFSK-16/20Bd	(AB)
XPA2	14874	25-8	0950	Wed	01191 00001 00000 32262	MFSK-16/20Bd	(AB)
XPA2	16264	25-8	1100	Wed	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	15864	25-8	1120	Wed	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	14864	25-8	1140	Wed	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	13919	25-8	1200	Wed	00100 00168 63435 ... 08961 48856 27632	MFSK-16/20Bd	(AB)
XPA2	14719	25-8	1220	Wed	00100 00168 63435 ... 08961 48856 27632	MFSK-16/20Bd	(AB)
XPA2	16219	25-8	1240	Wed	00100 00168 63435 ... 08961 48856 27632	MFSK-16/20Bd	(AB)
XPA2	14372	26-8	0910	Thu	05263 00120 50838 ... 67480 76307 03631	MFSK-16/20Bd	(AB)
XPA2	13372	26-8	0930	Thu	05263 00120 50838 ... 67480 76307 03631	MFSK-16/20Bd	(AB)
XPA2	12172	26-8	0950	Thu	05263 00120 50838 ... 67480 76307 03631	MFSK-16/20Bd	(AB)
XPA2	16264	26-8	1100	Thu	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	15864	26-8	1120	Thu	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	14864	26-8	1140	Thu	06458 00120 93398 ... 07495 64213 02661	MFSK-16/20Bd	(AB)
XPA2	14864	26-8	1600	Thu	Stopped after 15 secs	MFSK-16/20bd	(AB/MPJ)
XPA2	14364	26-8	1620	Thu	01018 00001 00000 35242	MFSK-16/20bd	(AB)
XPA2	13464	26-8	1640	Thu	01018 00001 00000 35242	MFSK-16/20bd	(AB)
XPA2	13887	27-8	1100	Fri	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB)
XPA2	12187	27-8	1120	Fri	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB)
XPA2	10387	27-8	1140	Fri	06697 00112 36920 ... 19283 84892 45562	MFSK-16/20Bd	(AB)
XPA2	13919	27-8	1200	Fri	06957 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ)
XPA2	14719	27-8	1220	Fri	06957 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ)
XPA2	16219	27-8	1240	Fri	06957 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ)
XPA2	14372	28-8	0910	Sat	03493 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	13372	28-8	0930	Sat	03493 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	12172	28-8	0950	Sat	03493 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	13825	28-8	1500	Sat	00345 00259 07733 ... 31562 41516 15442	MFSK-16/20Bd	(AB/MPJ)
XPA2	12125	28-8	1520	Sat	00345 00259 07733 ... 31562 41516 15442	MFSK-16/20Bd	(AB/MPJ)
XPA2	11025	28-8	1540	Sat	00345 00259 07733 ... 31562 41516 15442	MFSK-16/20Bd	(AB/MPJ)
XPA2	12159	29-8	2100	Sun	06023 00001 00000 33660	MFSK-16/20bd	(AB/RL)
XPA2	11559	29-8	2120	Sun	06023 00001 00000 33660	MFSK-16/20bd	(AB/RL)
XPA2	10559	29-8	2140	Sun	06023 00001 00000 33660	MFSK-16/20bd	(AB/RL)
XPA2	12152	30-8	0700	Mon	04179 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	13552	30-8	0720	Mon	04179 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	13952	30-8	0740	Mon	04179 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	18059	30-8	0910	Mon	00569 00098 16647 ... 08446 54213 73215	MFSK-16/20Bd	(AB)
XPA2	16093	30-8	0930	Mon	00569 00098 16647 ... 08446 54213 73215	MFSK-16/20Bd	(AB)
XPA2	14874	30-8	0950	Mon	00569 00098 16647 ... 08446 54213 73215	MFSK-16/20Bd	(AB)
XPA2	13825	30-8	1500	Mon	05599 00001 00000 40266	MFSK-16/20Bd	(AB/MPJ)
XPA2	12125	30-8	1520	Mon	05599 00001 00000 40266	MFSK-16/20Bd	(AB/MPJ)
XPA2	11025	30-8	1540	Mon	05599 00001 00000 40266	MFSK-16/20Bd	(AB/MPJ)

XPA2	13887	31-8	1100	Tue	06356 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	12187	31-8	1120	Tue	06356 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	10387	31-8	1140	Tue	06356 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	14864	31-8	1600	Tue	02332 00183 39258 ... 08739 56597 50433	MFSK-16/20bd	(AB/MPJ)
XPA2	14364	31-8	1620	Tue	02332 00183 39258 ... 08739 56597 50433	MFSK-16/20bd	(AB/MPJ)
XPA2	13464	31-8	1640	Tue	02332 00183 39258 ... 08739 56597 50433	MFSK-16/20bd	(AB/MPJ)
XPA2	12159	31-8	2100	Tue	04407 00086 13781 ... 88873 49818 03034	MFSK-16/20bd	(AB/RL)
XPA2	11559	31-8	2120	Tue	04407 00086 13781 ... 88873 49818 03034	MFSK-16/20bd	(AB)
XPA2	10559	31-8	2140	Tue	04407 00086 13781 ... 88873 49818 03034	MFSK-16/20bd	(AB)
XPB1	14918	1-8	1900	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	13918	1-8	1910	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12218	1-8	1920	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	11118	1-8	1930	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	10218	1-8	1940	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9118	1-8	1950	Sun	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	11559	2-8	0500	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12159	2-8	0510	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13459	2-8	0520	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13959	2-8	0530	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14459	2-8	0540	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14959	2-8	0550	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15876	2-8	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14876	2-8	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14376	2-8	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13976	2-8	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13376	2-8	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12176	2-8	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11559	3-8	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12159	3-8	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13459	3-8	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13959	3-8	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14459	3-8	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14959	3-8	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14918	3-8	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13918	3-8	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12218	3-8	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11118	3-8	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10218	3-8	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9118	3-8	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13567	4-8	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13367	4-8	1110	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12167	4-8	1120	Wed	Russian intel.	MFSK-16	(AB/HFD)

XPB1	11567	4-8	1130	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11067	4-8	1140	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10567	4-8	1150	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13567	7-8	1100	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	13367	7-8	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12167	7-8	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11567	7-8	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11067	7-8	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10567	7-8	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15876	7-8	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14876	7-8	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14376	7-8	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	13976	7-8	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	13376	7-8	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	12176	7-8	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14918	8-8	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13918	8-8	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12218	8-8	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11118	8-8	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10218	8-8	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9118	8-8	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11559	9-8	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12159	9-8	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13459	9-8	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13959	9-8	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14459	9-8	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14959	9-8	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15876	9-8	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14876	9-8	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14376	9-8	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13976	9-8	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13376	9-8	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12176	9-8	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11559	10-8	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12159	10-8	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13459	10-8	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13959	10-8	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14459	10-8	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14959	10-8	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14918	10-8	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13918	10-8	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12218	10-8	1920	Tue	Russian intel.	MFSK-16	(AB)

XPB1	11118	10-8	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10218	10-8	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9118	10-8	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13567	11-8	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13367	11-8	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12167	11-8	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11567	11-8	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11067	11-8	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10567	11-8	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13567	14-8	1100	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13367	14-8	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12167	14-8	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11567	14-8	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11067	14-8	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10567	14-8	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15876	14-8	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14876	14-8	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14376	14-8	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13976	14-8	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13376	14-8	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12176	14-8	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14918	15-8	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13918	15-8	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12218	15-8	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11118	15-8	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10218	15-8	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9118	15-8	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11559	16-8	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12159	16-8	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13459	16-8	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13959	16-8	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14459	16-8	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14959	16-8	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15876	16-8	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14876	16-8	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14376	16-8	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13976	16-8	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13376	16-8	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12176	16-8	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11559	17-8	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12159	17-8	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13459	17-8	0520	Tue	Russian intel.	MFSK-16	(AB)

XPB1	13959	17-8	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14459	17-8	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14959	17-8	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14918	17-8	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13918	17-8	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12218	17-8	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11118	17-8	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10218	17-8	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9118	17-8	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13567	18-8	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13367	18-8	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12167	18-8	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11567	18-8	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11067	18-8	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10567	18-8	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13567	21-8	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13367	21-8	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12167	21-8	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11567	21-8	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11067	21-8	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10567	21-8	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15876	21-8	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14876	21-8	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14376	21-8	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13976	21-8	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13376	21-8	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12176	21-8	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14918	22-8	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13918	22-8	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12218	22-8	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11118	22-8	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10218	22-8	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9118	22-8	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11559	23-8	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12159	23-8	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13459	23-8	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13959	23-8	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14459	23-8	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14959	23-8	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15876	23-8	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14876	23-8	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14376	23-8	1220	Mon	Russian intel.	MFSK-16	(AB)

XPB1	13976	23-8	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13376	23-8	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12176	23-8	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11559	24-8	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12159	24-8	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13459	24-8	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13959	24-8	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14459	24-8	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14959	24-8	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14918	24-8	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13918	24-8	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12218	24-8	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11118	24-8	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10218	24-8	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9118	24-8	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13567	25-8	1100	Wed	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13367	25-8	1110	Wed	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12167	25-8	1120	Wed	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11567	25-8	1130	Wed	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11067	25-8	1140	Wed	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10567	25-8	1150	Wed	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13567	28-8	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13367	28-8	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12167	28-8	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11567	28-8	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11067	28-8	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10567	28-8	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15876	28-8	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14876	28-8	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14376	28-8	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13976	28-8	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13376	28-8	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12176	28-8	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14918	29-8	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13918	29-8	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12218	29-8	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11118	29-8	1930	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	10218	29-8	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9118	29-8	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11559	30-8	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12159	30-8	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13459	30-8	0520	Mon	Russian intel.	MFSK-16	(AB)

XPB1	13959	30-8	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14459	30-8	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14959	30-8	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15876	30-8	1200	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14876	30-8	1210	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14376	30-8	1220	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13976	30-8	1230	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13376	30-8	1240	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12176	30-8	1250	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11559	31-8	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12159	31-8	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13459	31-8	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13959	31-8	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14459	31-8	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14959	31-8	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14918	31-8	1900	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	13918	31-8	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12218	31-8	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11118	31-8	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10218	31-8	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9118	31-8	1950	Tue	Russian intel.	MFSK-16	(AB)

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AB-FIN	Ary Boender via remote rx Finland
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AB-GRC	Ary Boender via remote rx Greece
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KOR	Ary Boender via remote rx South Korea
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-RUS	Ary Boender via remote rx Russia
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Dan	Daniel LU5EMM, Argentina
Danix-J	Danix via remote rx Japan
ES	Edward Smith, UK
ES-HOL	Edward Smith via remote rx Netherlands
F5JBR	F5JBR André, France
F5JBR-J	F5JBR André via remote rx Japan
Geoff	Geoff
GHn	Gary Hagermann, UK
HFD	Hans-Friedrich Dumrese, Germany
HFD-CHN	Hans-Friedrich Dumrese via remote rx China
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-KWT	Hans-Friedrich Dumrese via remote rx Kuwait
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
HFD-USA	Hans-Friedrich Dumrese via remote rx USA
JPL	JPL, NB, Canada (and various remote rx)
JU	Jay Updike, W. Europe
linkz	Linkz, S.E. France
MPJ	Jim, SW England
MPJ-AUT	Jim via remote rx Austria
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
MPJ-POL	Jim via remote rx Poland
Priyom	Priyom Team
PY	Pierre Ynard, France and via remote rx
RL	Roberto Landolpho, Brazil
RL-HOL	Landolpho via remote rx Netherlands
RR2	Rich Ray, IL, USA
SP1	Sylvain, France

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	Itnien
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	. ----	Full stop (period) [.]	. - . - . -
B	- ...	2	.. ----	Comma [,]	-- .. --
C	- . - .	3	... --	Colon [:]	-- -- ...
D	- . .	4	.... -	Question mark [?]	.. -- ..
E	.	5	.....	Exclamation mark [!]	- . - . --
F	.. - .	6	-	Apostrophe [']	. -- -- .
G	-- .	7	-- ...	Dash or Hyphen [-]	- -
H	....	8	--- ..	Slash [/]	- .. - .
I	..	9	---- .	Left-hand bracket [(]	- . -- .
J	. ---	0	-----	Right-hand bracket [)]	- . -- . -
K	- . -			Quotation marks [“ ”]	. - . - .
L	. - . .			Equals sign [BT =]	- ... -
M	--	Accented letters		Understood	... - .
N	- .	Ä	. - . -	Plus sign [+]	. - . - .
O	---	Á	. - . - .	Invitation to transmit	- . -
P	. - . .	CH	----	Wait [AS]	. - ...
Q	- . - . -	É	.. - . .	End of Transmission [SK, VA]	... - . -
R	. - .	Ö	--- .	End of message [AR]	. - . - .
S	...	Ü	.. - -	Starting signal	- . - . -
T	-			Multiplication sign [×]	- . . -
U	.. -			At sign [@]	. -- . - .
V	... -			Break [BK]	- ... - . -
W	. - -			Ampersand [&]	. - ...
X	- . . -				
Y	- . - -				
Z	- - . .			See also	

See also

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

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

COLOPHON

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HF UNDERGROUND <http://www.hfunderground.com/board/>
PRIYOM <http://priyom.org/>
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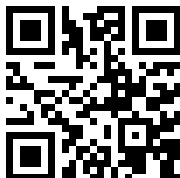
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To become an UDXF member go to <https://groups.io/g/UDXF> and follow the instructions.

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976 27364 92886 89428 61288 14982 36498 32764 81276 81
986 48932 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
667 87432 74328 78674 29867 32867 67867 86786 43276 486
657 68768 68763 34234 34238 68768 62342 48273 48768 230
736 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
753 98798 98754 98754 98754 98754 29867 67543 67986 86
756 87698 69876 87698 69876 87612 12341 34867 86798 652
867 43298 65656 56756 56123 32143 14321 32143 14321 321
868 32787 58765 76587 58765 76587 58765 76587 58756 765
869 76587 76587 76587 76587 76587 76587 76587 76587 765

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