

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

## Numbers & Oddities

### a.k.a. The Spooks Newsletter

### a.k.a. The Spooks Newsletter

#### Edition #298, July 2022

Editor: Ary Boender email: [udxf@udxf.nl](mailto:udxf@udxf.nl)  
 Numbers & Oddities <http://www.numbersoddities.nl>

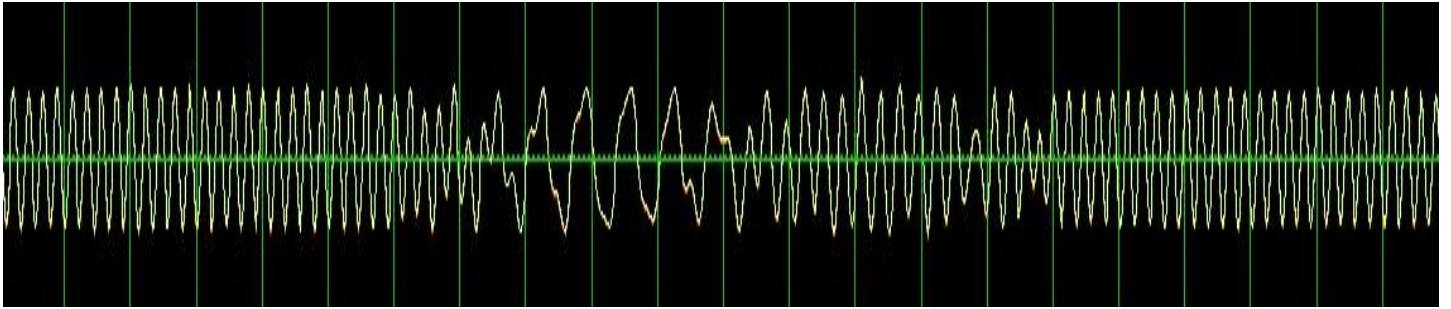
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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



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

# CONTENT



CONTENT.....	2
FOREWORD .....	3
VOICE STATIONS .....	4
MORSE STATIONS .....	15
DIGITAL MODES .....	31
DIPLOMATIC STATIONS.....	68
CLANDESTINE / TARGETED RADIO & JAMMERS .....	70
UTILITY ROUND-UP .....	70
EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES .....	71
RUSSIAN MILITARY TRANSCRIPTS .....	75
LOGS SECTION .....	76
CONTRIBUTORS.....	143
APPENDIX.....	144
COLOPHON.....	147

## FOREWORD

It is summer here in Holland and the weather is too good to spend much time at the radio. As I didn't want to miss all the fun I recorded ca 2TB each day, which resulted in quite some logs and transcripts ☺

Thanks to the contributors for their logs, info and transcripts. Apparently no-one wants to step forward to analyse the interesting digital modes from Russia and China, or to write articles, so I will not ask it anymore.

Priyom assigned a new designator: F02 for the Russian FTM-4 transmissions.

There was also a nice surprise: the Maritime Radio Historical Society transmitted a coded message which we include in this edition of N&O.

Lastly, I've been writing N&O for 27 years now and I seriously consider to discontinue N&O in the near future. When? I don't know yet.

Enjoy !

***MHRS' Crypto Broadcast, with thanks to the MHRS, CHM and the KPH crew !!!***



### ATTENTION ALL AGENTS! Crypto Transmission from KPH!

**That was the announcement that the MHRS sent out to all of us.**

The [MHRS](#) in cooperation with the [Cipher History Museum](#) has sent a coded message in 5-letter groups via the facilities of coast stations KPH on Saturday July 23, 2022. The message was encrypted using the famous Enigma code machine.

#### Enigma

The Enigma was the Germans' most sophisticated coding machine for securely transmitting command and control messages via radio communications in WWII. It was considered so secure that it was used to encipher the most top-secret of messages.

The arrangement of Enigma's rotors and plugboard connections provided a unique series of letter substitutions which changed with each keystroke. The daily rotor order and the ring and plugboard settings to be used were specified in a codebook distributed monthly to all users of a network. Decoding an Enigma message requires the use of two keys: a *Daily Key* (valid for particular day), and a *Message Key* (unique to each individual message sent that day).

**The Daily Key:** Prior to decoding a message, the daily key must be set into your Enigma code machine. The daily key settings were specified in codebooks and distributed monthly. Please consult the following codebook to obtain the daily key setting for the GMT date of the broadcast.

**The Message Key:** Starting in 1940, for additional security, the machine operator would randomly choose two groups of three letters to encode each message (in addition to the daily key settings above). These were known as the 'message key'. The first group of three letters is used to encode the second group of three. Then the first group (in plaintext) and the second group (now encoded) are sent in the message header, along with the date and letter count, as explained in the above link. The recipient then uses the message key to decode the message. For more information see the following video on Enigma decoding procedures. For additional information on the Enigma please see Ralph Simpsons' [Cipher Museum History](#) site

Link to the [Enigma codebook](#). Use the "Armee-Stabs-Maschinenschlüssel No 28" (Army Staff Machine Key Number 28). Notice each daily setting is across one line, starting with the first day of the month on the bottom of the sheet. [Watch a video](#) on Enigma coding procedures.

**Enigma Simulators.** So you had to toss your Enigma machine overboard when your U-boat was captured? Again, no worries. MHRHS has you covered! Software simulations exist for the Enigma code machine. Click here for the [Enigma simulator](#). It is web-based, no download necessary.

#### THE CODED MESSAGE

CQ CQ CQ DE KPH KPH KPH  
CQ CQ CQ DE KPH KPH KPH  
CRYPTO MESSAGE FOLLOWS  
= HQTRS FR FOCH 1914Z = 100 = BRV LTV =  
CXTY JRVHA NNKMO FGKIG OIPLM  
KVHVZ WDMIP XWRBX JKDWT KGZZA  
IWJVN QUTJF HPPWG KEDDQ QFEMT  
UKMQU IDIGF YUAJB RPPWS IBJCV

#### THE DECODED MESSAGE IN PLAIN TEXT

= HQTRS FR FOCH 1914Z = 100 = BRV LTV =  
MY RIGHT IS HARD PRESSED X  
MY CENTER IS YIELDING X  
IMPOSSIBLE TO MANEUVER X  
SITUATION EXCELLENT X  
I AM ATTACKING X

The message is from Ferdinand Foch, a key French commander in WWI at the First Battle of Marne in 1914.

#### A note from Kevin

Sure, its not exactly period-correct for an Enigma message - I just admired the spirit of the message!

Best Regards,

The Maritime Radio Historical Society  
Kevin K6TOP  
MRHS Crypto Coordinator

## VOICE STATIONS

### E06

**13825/15615 kHz, 07-07/08-07, 0500/0600 UTC**

679 284 53  
12874 08553 23217 30165 19403 94825 26946 31617 45684 46243  
08594 85223 53332 46531 40087 92090 30278 22329 64562 92587  
76772 41964 33985 73171 33291 23698 94124 10040 92508 64379  
71591 23026 62553 24453 42599 38192 73714 30243 88158 82551  
45795 79465 65390 59352 58294 60905 49629 77369 90612 24178  
27020 32640 24465  
284 53 00000

**13825/15620 kHz, 21-07, 0500/0600 UTC**

**13825/15615 kHz, 22-07, 0500/0600 UTC**

679 546 51

70244 25816 27169 15976 18298 85043 41834 00609 91065 63699

40739 80976 10698 93698 64296 38339 54270 89798 08138 35102

30077 49783 17806 57066 32526 47724 48786 82317 30344 93736

59055 12717 67768 58681 26328 28920 83407 87245 07219 45876

76475 47836 80460 42733 75071 92734 41414 14091 86192 26933

40023

546 51 00000

Group Count cycle network
---------------------------

**11632/13827 kHz, 04-07, 0210/0310 UTC**

**11642/13827 kHz, 05-07, 0210/0310 UTC**

537 610 39

88521 63230 98104 58539 13118 83505 25311 20495 36416 87047

75432 19001 97624 82464 29373 22898 37592 32284 66158 34228

76079 58029 82050 52537 77004 85231 09364 37712 06376 51819

52176 57287 12585 28332 81123 29164 83743 23378 54462

610 39 00000

**11644/13830 kHz, 11-07, 0210/0310 UTC**

**11642/13831 kHz, 12-07, 0210/0310 UTC**

537 289 40

64388 96029 16214 28601 80798 82794 71158 96723 27380 40361

56413 80719 88993 21724 55383 64771 97364 14583 26957 20254

69013 74762 91342 28656 88601 86678 51156 80765 73622 30540

46200 44316 81374 60989 65369 17279 44165 26836 64129 08982

289 40 00000

**11642/13832 kHz, 18-07, 0210/0310 UTC**

**19-07, 0210 UTC not found**

**13837 kHz, 19-07, 0310 UTC**

537 680 41

78691 89275 85378 10560 28450 46210 43470 31674 05194 75144

60993 17433 94131 67723 99176 63988 01100 53493 82584 53317

06755 64619 91444 58607 12269 58116 41576 87638 74973 87795

12849 68834 57370 43098 12115 09679 37968 97017 81555 82184

57373

680 41 00000

**11646/13833 kHz, 25-07, 0210/0310 UTC**

**11632/13817 kHz, 26-07, 0210/0310 UTC**

537 189 42

95687 24905 33313 31918 57489 21744 18286 68787 42392 51669

08153 85240 89857 62937 73956 60304 89034 46392 70377 44688

55075 60773 81032 81070 99292 27268 09980 55335 54106 97985

42839 95953 38707 28048 25990 63703 76391 05975 37267 98901

99481 22066

189 42 00000

---

**14845/12189 kHz, 01-07, 0300/0400 UTC**

361 729 33

09149 04461 26754 74415 56442 23758 64242 01151 57973 27628

49338 78716 22916 21391 80886 37535 59402 00861 88715 55535

76007 78512 58220 49804 83716 12089 67145 29259 03079 59082

51769 94304 06210

729 33 00000

**14845/12189 kHz, 07-07, 0300/0400 UTC**

**08-07: no transmissions found**

361 580 34

64517 27785 47283 79156 28332 37729 99695 96383 98776 53981  
13504 90168 01482 86699 24530 39795 08718 51509 57262 74516  
75814 45351 72847 57270 78462 26726 39055 78244 99323 42517  
33152 13008 37404 68587  
580 34 00000

**14845/12189 kHz, 14-07/15-07, 0300/0400 UTC**

361 274 35

67157 99551 87683 82591 70682 15458 68670 45096 22535 28689  
91295 73668 08165 98309 84937 60489 89915 18237 05193 88595  
83236 42064 76741 39953 65810 72433 58964 17305 55522 94650  
32756 71969 18222 59219 31961  
274 35 00000

**14837/12189 kHz, 15-07, 0300/0400 UTC**

**14845/12179 kHz, 15-07, 0300/0400 UTC**

361 598 36

61279 80269 90980 93480 26389 96538 18006 17452 92735 71931  
69430 27633 12741 36508 10275 97731 72993 88417 32335 66981  
45900 45920 83037 28143 48469 35049 72506 06629 56660 55109  
69804 85420 48737 89195 24262 55479  
598 36 00000

**14845/12179 kHz, 28-07/29-07, 0300/0400 UTC**

361 240 37

00003 16143 36238 47290 48426 73432 69940 08992 07543 45414  
28540 78949 59618 04621 55740 55835 73763 50395 92170 37402  
86765 81780 83608 80340 96120 31450 94375 86018 82466 46610  
55596 60530 03594 27814 03015 22503 27229  
240 37 00000

**E07**

**15962/17462/18542 kHz, 0700/0720/0740 UTC**

**15962/17462/18542 kHz, 12-07/15-07, 0700/0720/0740 UTC**

945 945 945 1 8226 63 8226 63  
46478 10909 18565 13865 60547 37248 00641 59749 07995 50696  
25496 69672 83542 85573 84488 53440 22525 32760 23538 58940  
97280 95878 69878 96347 37323 77707 58939 60341 85016 16082  
58164 52587 83484 33431 56909 89295 10717 47701 69321 17057  
53769 55413 58883 79016 49445 99933 94705 47368 37897 81267  
41888 43745 48600 14334 38734 45359 78864 32816 87097 73657  
50063 17574 24959 000 000

**15962/17462/18542 kHz, 26-07/29-07, 0700/0720/0740 UTC**

945 945 945 1 880 102 880 102  
48366 96638 54639 45914 69519 67460 06198 06551 82747 12956  
59104 59073 59591 29929 14267 94671 42774 64538 92774 63790  
76403 30087 74493 76094 46290 26763 24151 11060 57332 05213  
30978 28876 58328 23928 16423 14510 22529 45551 80121 59180  
43895 56431 60335 56256 16493 82470 82866 48561 96514 70858  
33178 87989 29137 35327 38174 10376 78797 37559 52991 59215  
54925 42378 48266 92840 71565 55248 96382 38522 11239 95480  
32420 88166 69720 66370 79504 50836 69218 20092 13248 14805  
49596 57991 58440 55658 74486 39608 64253 55769 86788 28103  
14673 24626 94725 76479 66271 93309 74027 56985 99309 76890  
88763 33455 000 000



**13562/14862/16162 kHz, 14-07/16-07, 1410/1430/1450 UTC**

441 441 441 1 122 74 122 74  
74878 68103 57563 58444 12240 48579 63570 53221 62994 56627  
82384 50957 61688 72485 93278 33335 91785 86177 34177 94886  
58113 75279 64134 48396 63929 39840 11931 55789 76413 91784  
30429 65524 52735 93692 39775 78006 81706 71847 52250 57578  
87667 30274 73408 61161 70790 54363 96394 44136 13201 72274  
58434 55707 15409 83294 97403 32541 70334 52695 90278 15439  
02677 77037 48735 75589 66333 34151 20580 46915 07240 08566  
60507 05279 98782 64276 000 000

**13562/14862/16162 kHz, 28-07/30-07, 1410/1430/1450 UTC**

441 441 441 1 9136 69 9136 69  
05094 20584 82084 93027 86186 04286 17224 50462 85143 44311  
33805 85382 73664 88638 58806 36483 10259 83844 25965 84477  
43325 85151 49622 91748 57032 95316 57041 69543 05592 11352  
68503 58036 49858 27677 03867 31294 73956 20161 65084 80861  
61762 97225 54462 77187 33367 30404 90742 55544 29630 52918  
36539 20874 42457 27806 49286 19149 15248 38322 46755 73446  
30987 31674 87612 83631 55803 85936 70079 59962 02520 000 000

***E11a***

**12229 kHz, 01-07/03-07, 1815 UTC**

926/31 Attention  
68673 75382 14789 00972 29681 70845 70523 03609 85831 50028  
42981 06936 01550 08100 48867 79456 01879 97403 20549 58880  
45819 41904 04293 54631 30679 97986 89068 47402 88103 00104  
67686  
Attention (message repeated) Out

**5737 kHz, 04-07, 1300 UTC**

312/38 Attention  
39327 75798 65371 76339 08034 27232 17540 32465 20160 61063  
38271 03183 28530 03332 18611 63864 31949 79341 19341 18332  
10297 13533 70296 44047 20906 11072 45462 15672 22254 94190  
52716 77535 90594 82203 58559 65182 32445 36221  
Attention (message repeated) Out

**7600 kHz, 04-07/07-07, 1900 UTC**

648/32 Attention  
78842 99511 02715 64483 91358 27120 06305 25342 19806 80114  
01360 32823 97810 84758 21721 70659 91381 53094 81974 05690  
99569 53172 29282 16646 38988 67548 32691 14610 39034 69216  
73609 95897  
Attention (message repeated) Out

**8680 kHz, 05-07/08-07, 0700 UTC**

573/39 Attention  
10566 34654 07149 38363 21568 25461 25473 90872 14255 70581  
40665 34463 48328 34297 84878 44565 48879 18192 53009 93302  
23415 73332 53446 05666 77423 32719 94847 24587 63089 09052  
77001 16562 28744 47884 88850 22301 58788 94772 45407  
Attention (message repeated) Out

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

225/31 Attention

92335 12559 11803 18305 76849 33425 38574 83654 04363 07497  
97706 54905 03182 54159 13797 17471 06143 67506 98503 43246  
93697 85822 63008 37649 97394 01561 53954 57142 36858 37624  
37299

Attention (message repeated) Out

**12153 kHz, 05-07/08-07, 1000 UTC**

306/21 Attention

67287 59538 53119 67202 51933 93074 09743 14536 13076 22546  
27611 92505 13297 55942 62518 17666 77346 07699 68588 50889  
88586

Attention (message repeated) Out

**7469 kHz, 11-07, 0450 UTC**

418/34 Attention

57654 17900 34093 19671 41297 50537 68427 99249 19064 41098  
72463 01030 98038 83737 73524 26096 74402 99537 36473 78337  
66593 75599 42811 61296 36328 64001 81307 49501 75034 71099  
00461 22773 79080 91198

Attention (message repeated) Out

**18030 kHz, 11-07/13-07, 0715 UTC**

755/34 Attention

77791 46611 31187 85607 61335 69087 74000 30333 70587 74186  
07606 47711 10085 37593 88406 42575 46228 29907 20072 14358  
77336 68636 68397 93172 28434 23093 61859 43205 31731 94725  
97430 35997 99428 86369

Attention (message repeated) Out

**15720 kHz, 11-07/15-07, 0830 UTC**

188/32 Attention

46938 68924 35557 60576 66205 27429 20282 24512 96008 86566  
65369 54681 80411 63901 19295 02710 94431 41506 90595 30505  
54563 25300 31500 33571 96207 16359 18909 63827 15526 11127  
33866 27621

Attention (message repeated) Out

**5231 kHz, 12-07/17-07, 1605 UTC**

235/32 Attention

83305 22095 89469 82067 25689 54395 20164 72020 51600 97943  
05526 69220 55612 37466 79732 63754 53106 39557 94818 92817  
28410 12303 70363 15182 91773 20283 83387 12045 02575 06879  
60616 85496

Attention (message repeated) Out

**12815 kHz, 18-07/20-07, 0845 UTC**

713/32 Attention

52481 71397 13625 33960 06504 26572 21329 39596 92094 68268  
83499 14694 77148 64249 95599 31023 55482 92344 34824 69108  
93723 80095 93081 91365 08969 96704 03557 09854 93997 51985  
76706 64602

Attention (message repeated) Out

**9052 kHz, 18-07/20-07, 0900 UTC**

538/37 Attention

43339 11235 28193 12348 49413 22022 68518 54887 82417 79537  
26832 88498 50246 24848 22776 42240 46743 92251 95158 87914  
26983 59293 24185 96454 11851 54483 67808 34306 34312 75219  
26060 80106 44422 65559 77185 01269 11174

Attention (message repeated) Out



**14410 kHz, 18-07/24-07, 1745 UTC**

248/31 Attention

43812 81264 96230 34703 18872 30446 30616 70665 65236 64600  
11867 35548 60319 83001 50306 31569 13586 06577 53392 43628  
63057 83254 34682 05060 13693 57266 22292 77997 90660 39663  
52873

Attention (message repeated) Out

**8091 kHz, 19-07/21-07, 0645 UTC**

518/33 Attention

27341 21778 38063 31533 80979 95999 93630 38310 80779 92585  
73037 93530 84503 96333 91791 90646 12382 95756 73746 63268  
22460 35249 42927 94334 52679 24163 61979 82025 45811 16654  
78631 25237 16092

Attention (message repeated) Out

**10429 kHz, 19-07/22-07, 0715 UTC**

637/34 Attention

50312 44844 87834 24796 39300 54545 22770 16009 08721 26787  
89801 07080 48412 84905 13772 95216 15632 62431 51053 08864  
14057 72770 27761 68495 16210 88079 69246 49979 36023 02286  
13654 57568 51558 56714

Attention (message repeated) Out

**14972 kHz, 19-07/21-07, 0845 UTC**

150/22 Attention

42159 22076 64042 12233 65596 52037 78974 36826 84726 35477  
10097 08996 86910 27282 01660 02305 86290 62189 82927 82826  
06578 88825

Attention (message repeated) Out

**6923 kHz, 20-07/21-07, 0930 UTC**

279/36 Attention

92391 32124 20594 09476 75510 41840 17567 00105 09250 51812  
46052 03433 72689 01676 64511 66231 23036 84264 26623 84422  
63285 76715 40448 07987 79967 99298 79609 63259 48177 82191  
87873 90598 80761 84295 13964 80229

Attention (message repeated) Out

**14575 kHz, 21-07, 0315 UTC**

253/39 Attention

33642 16570 43076 83391 93193 36858 42320 19832 41430 53308  
13503 22751 00668 09290 13296 39213 97078 54504 65723 38222  
63036 03471 70807 40743 47429 61105 00678 56089 94769 22161  
99250 58601 78824 12044 86749 28047 66331 43539 20504

Attention (message repeated) Out

**5409 kHz, 21-07/24-07, 2000 UTC**

528/35 Attention

07609 62343 50210 42792 53951 14254 67356 62181 53103 84308  
85984 32796 31977 69374 96085 31512 91816 94148 05609 54188  
13654 40883 56997 43677 91218 92733 70669 55859 88953 13965  
99426 50907 39358 67140 63114

Attention (message repeated) Out

**9150 kHz, 22-07/24-07, 0600 UTC**

351/31 Attention

84973 16200 96235 63461 03530 12196 99519 30812 87220 93797  
43517 56911 86694 37848 29051 86316 36158 41426 36477 78931  
75498 15118 55514 17940 04638 41850 83213 17154 44899 41130  
82753

Attention (message repeated) Out

**9610 kHz, 22-07/24-07, 1910 UTC**

610/30 Attention

98737 21318 18927 43468 32164 46350 85271 35529 59798 49548  
48597 75189 61952 95935 49717 51093 11131 78379 45142 63423  
31027 75659 64065 33407 97721 75220 34491 16591 18301 43690  
Attention (message repeated) Out

**4783 kHz, 23-07, 1910 UTC**

393/33 Attention

97879 42531 72470 38651 21588 13400 10084 13815 20511 70590  
07082 33714 63462 70563 04950 52662 23115 04769 60088 28285  
68567 36937 26409 48154 77776 30086 48441 43953 63900 28192  
43804 85751 77180  
Attention (message repeated) Out

**5082 kHz, 24-07, 1530 UTC**

364/37 Attention

75996 23518 01653 75669 86331 72283 99064 68976 70098 72544  
57028 69038 75279 22717 03418 28151 61209 41056 87754 61992  
27010 71057 07617 47554 18084 75236 05792 70947 89318 70011  
25911 27269 15691 47265 52842 39269 62905  
Attention (message repeated) Out

**15800 kHz, 25-07/26-07, 0640 UTC**

944/35 Attention

40341 35329 11481 76572 77306 99869 30116 41321 10578 44392  
04908 32883 84478 31356 66462 32628 82759 02695 64412 29487  
91810 71991 38731 38967 92045 94259 61602 37722 21706 00970  
89541 97293 06441 71179 42265  
Attention (message repeated) Out

**9610 kHz, 25-07, 0745 UTC**

266/32 Attention

31869 36910 16015 57551 40955 89915 84893 80981 59745 10225  
29419 08781 88747 98028 64596 60515 39189 80568 85841 44694  
28838 87943 73712 01338 89652 39072 17557 24002 29791 15059  
07408 70832  
Attention (message repeated) Out

**8545 kHz, 25-07/27-07, 1045 UTC**

697/39 Attention

85483 09813 11031 34511 76629 56853 65535 93890 04399 86938  
88485 34504 51543 64831 16293 66344 89548 82756 82011 11991  
78859 43715 03644 39228 93337 89647 18153 78717 55544 10647  
58868 31410 82562 79985 42081 32496 32668 95738 07807  
Attention (message repeated) Out

**6304 kHz, 26-07/27-07, 1205 UTC**

469/36 Attention

30797 85405 98677 24796 12359 75475 47322 47324 05132 62497  
66371 21562 33935 76626 03084 41898 72179 53482 42992 33817  
07479 54468 59954 87432 52671 30961 66312 62741 02062 12251  
21692 63076 47688 84106 30572 26230  
Attention (message repeated) Out

**12984 kHz, 26-07/30-07, 1430 UTC**

917/36 Attention

33517 55184 25582 54677 86777 40828 53623 65847 72351 97787  
34629 16704 61824 20015 04922 65176 17594 89367 36256 09630  
60961 01968 92076 48944 60418 39423 93764 34895 94516 28811  
08950 38771 83576 28434 95240 10907  
Attention (message repeated) Out

**14575 kHz, 26-07/28-07, 1645 UTC**

331/32 Attention

51835 14430 69014 11835 77369 39326 21127 21546 35790 87983  
31616 94745 45725 73275 36761 18096 63401 57865 05817 94099  
32168 91105 54413 12881 19704 72646 54892 03950 38728 59098  
96234 46323

Attention (message repeated) Out

**15720 kHz, 27-07/29-09, 0745 UTC**

343/32 Attention

07322 56423 62643 66356 44312 58303 35854 04679 53244 58573  
32533 38476 01330 15379 93476 28472 16464 94275 83505 54000  
33500 38677 84113 34811 66025 94732 34407 19472 15799 42178  
89344 08117

Attention (message repeated) Out

**17378 kHz, 27-07, 0820 UTC**

132/36 Attention

72581 43865 27243 75410 20073 58942 69379 02617 60134 95561  
06671 58474 41262 08875 79802 20791 95897 64257 24858 81586  
24432 54218 18337 40388 10115 83628 78185 68266 46933 66672  
64343 33429 83072 31620 54930 07925

Attention (message repeated) Out

**7863 kHz, 27-07/29-07, 1715 UTC**

970/35 Attention

56006 63946 70410 55784 63592 42881 03806 92560 92536 45865  
61584 18395 30221 02413 69186 16506 58879 28428 20748 01902  
47797 01083 22513 40720 26505 04944 05731 15618 41501 89885  
49257 34474 60475 66727 22751

Attention (message repeated) Out

**4909 kHz, 28-07/29-07, 0820 UTC**

432/38 Attention

18200 03095 22586 86224 78993 10814 18684 07197 15394 56975  
53622 33520 80734 85990 89836 04518 63391 51148 22630 79549  
23408 28402 80240 90542 94692 58451 87964 44913 89400 35949  
53306 99861 16644 84680 32803 39505 49393 38195

Attention (message repeated) Out

**10356 kHz, 28-07, 1530 UTC**

266/32 Attention

31869 36910 16015 57551 40955 89915 84893 80981 59745 10225  
29419 08781 88747 98028 64596 60515 39189 80568 85841 44694  
28838 87943 73712 01338 89652 39072 17557 24002 29791 15059  
07408 70832

Attention (message repeated) Out

**7377 kHz, 30-07/31-07, 0700 UTC**

492/31 Attention

18367 90192 87545 41404 58122 62162 67608 09733 46199 71802  
85970 12795 26161 87678 28906 94410 24878 00273 53452 01837  
66938 60164 36322 08675 78918 97601 08449 32109 17867 07000  
66976

Attention (message repeated) Out

**E17z**

No transmissions due to the Russian invasion.

**S06**

**15875/13469 kHz, 01-07, 0830/0930 UTC**

842 701 38

68706 89384 57162 06010 65090 85043 84141 84231 72342 99553  
 35736 76394 98929 35479 00921 83106 01582 19903 07260 78009  
 02595 09686 40997 76967 79495 58557 76223 52654 81764 19451  
 80315 30496 54283 80533 87826 26899 72225 58360  
 701 38 00000

**15875/13474 kHz, 07-07, 0830/0930 UTC****15875/13469 kHz, 08-07, 0830/0930 UTC**

842 561 39

70946 02360 98513 58149 92758 83552 29121 54229 87500 24581  
 48866 16117 63437 90173 73464 57715 41720 19268 38485 36344  
 81284 43234 59261 96018 14000 55382 47138 92468 88511 23917  
 43016 04584 46213 65539 54109 61967 77779 21883 04871  
 561 39 00000

**15875/13481 kHz, 14-07, 0830/0930 UTC****15875/13479 kHz, 15-07, 0830/0930 UTC**

842 379 40

33322 43634 20287 36062 37788 87039 93361 35101 68383 52469  
 60041 52369 05232 45022 43151 63696 10957 70163 06814 48647  
 53178 89995 56535 84727 44304 65950 71425 02238 84543 17599  
 16991 41957 19075 52259 11918 82846 45318 45088 47310 31961  
 379 40 00000

**15875/13469 kHz, 21-07, 0830/0930 UTC****15875/13459 kHz, 22-07, 0830/0930 UTC**

842 650 41

84776 91493 19489 16511 36774 88502 97358 08568 03462 18301  
 49939 98296 30686 69475 91917 92904 98300 35410 35791 57784  
 22797 21188 95133 76590 76434 33012 00453 74309 21324 42340  
 88595 07997 81874 41902 51613 54880 04070 35813 56046 52518  
 74992  
 650 41 00000

**15875/13459 kHz, 28-07, 0830/0930 UTC****15875/13477 kHz, 29-07, 0830/0930 UTC**

842 137 42

94773 08026 38714 39634 33186 28666 84324 77279 57198 66607  
 58264 42254 29051 13793 98929 94963 67936 26994 69264 20518  
 26333 78251 52681 27066 75426 50712 76026 79380 66795 15823  
 39287 66140 62560 52808 56720 24338 51169 96367 39103 69250  
 91021 23533  
 137 42 00000

**11616 kHz, 21-07, 0405 UTC. Late start, already in progress****9322 kHz, 21-07, 0420 UTC****11616 kHz, 22-07, 0400 UTC. Repeating "09501" instead of 480 during the first 2 minutes****9322 kHz, 22-07, 0420 UTC**

480 956 70

84323 68479 99335 08619 78115 06372 03280 49857 37515 97416  
 68884 30464 06878 92961 75715 37398 41680 48779 68604 09662  
 61122 56849 65307 70321 02009 83485 80895 17232 66076 74751  
 08575 95872 77972 15096 51620 02767 96067 50150 82107 92894  
 43281 09622 99131 89547 50116 91222 92211 20071 27094 91573  
 39542 25910 08763 95015 95810 20418 36482 56269 49246 92858  
 72161 37881 52593 82026 60140 88389 57701 67942 79411 72154  
 956 70 00000



## S06s

No transmissions due to the Russian invasion.

## S11a

### 12457 kHz, 06-07/09-07, 1850 UTC

284/35 Vnimanije

93397 57275 88954 61892 29578 00797 01623 90618 98340 93585  
29610 86512 35416 96354 66502 86125 43878 57340 59365 40565  
72635 35913 33135 44162 87012 03280 31176 02990 15082 03766  
75147 93799 58232 14528 83978

Vnimanije (message repeated) Konets

### 13537 kHz, 11-07/13-07, 0510 UTC

652/33 Vnimanije

71733 34924 29830 37234 08761 52365 75071 64269 33352 52111  
68454 25674 52174 74064 81545 97549 70851 92675 85787 36053  
28129 39794 60220 12612 72287 17727 00855 43334 56947 11408  
35547 81010 69314

Vnimanije (message repeated) Konets

### 7772 kHz, 12-07/15-07, 1400 UTC

424/34 Vnimanije

88492 71020 98060 00247 70266 34055 31937 06772 12613 57377  
14019 96660 64504 89603 96277 28974 19280 35632 65154 19921  
66670 60414 85828 92542 81717 31483 77473 00622 86398 91292  
37355 74137 25264 27795

Vnimanije (message repeated) Konets

### 15690 kHz, 14-07, 0500 UTC

381/37 Vnimanije

79245 92614 58278 38887 47992 32147 11219 48782 16237 62794  
60019 00150 63724 23840 50492 23981 96478 44802 16179 42289  
01870 12877 62668 67469 84234 26652 13470 00579 18095 57861  
91450 29047 52902 04376 94466 51263 30846

Vnimanije (message repeated) Konets

### 9339 kHz, 18-07/21-07, 0700 UTC

477/30 Vnimanije

35331 69378 56311 63059 75133 26818 66745 78223 85499 83000  
34057 68682 92819 51984 68836 99654 13851 59890 34773 93575  
56358 35279 01943 35767 96990 05335 43432 10338 71640 77914

Vnimanije (message repeated) Konets

### 9968 kHz, 19-07/21-07, 0445 UTC

791/32 Vnimanije

47329 97841 98466 13709 83254 14087 37973 38431 44570 43297  
88566 19747 74364 98542 84949 92425 26675 45020 27376 67101  
33351 35274 29056 88748 11503 10453 87351 93637 26584 40097  
28254 66780

Vnimanije (message repeated) Konets

### 6814 kHz, 25-07/29-07, 0915 UTC. May contain errors. Heavy interference from a digital station on both dates

483/37 Vnimanije

77693 09567 63776 49515 51317 42507 69439 19801 46207 66630  
64402 43916 44612 61811 54795 60993 95612 07746 69911 15798  
70982 92879 85727 89704 21904 55717 61571 55154 21265 01221  
65090 97470 92293 32205 02063 09798 69507

Vnimanije (message repeated) Konets

**5149 kHz, 30-07/31-07, 0830 UTC**

377/36 Vnianiye

46388 64962 02409 95766 98930 54315 72317 40125 35275 68707  
 82260 78862 50525 13027 57728 95056 59610 85318 69253 88362  
 03902 26775 06438 87768 54717 60308 64612 50699 18729 52029  
 66018 17373 98325 80420 28848 87991

Vnianiye (message repeated) Konets

**V07****13521/12121/11421 kHz, 10-07, 0300/0320/0340 UTC**

514 514 514 1 6918 112 6918 112

67756 47993 03698 68574 46595 39912 26770 43542 82855 95704  
 98629 40538 82972 46765 02234 02858 54979 24601 03226 89229  
 98265 51523 16227 95640 32950 29107 77414 28838 65533 92462  
 29321 40098 53497 25222 20677 68287 15566 96566 93314 70554  
 63073 95582 59475 14322 72914 50401 38362 41811 32777 69409  
 40921 24547 05188 31420 16482 33794 96135 29828 88048 30387  
 10692 42554 11202 56766 49849 33072 52204 23289 62921 92294  
 46540 74653 33503 31489 86551 05932 04024 25574 98570 81913  
 21112 23827 66519 53731 36104 13248 35601 83587 40052 05776  
 47913 90701 87415 10153 96913 92540 97855 19037 83231 81599  
 ?9199 77464 09637 73463 12032 79368 14459 75335 75363 09597  
 42362 44158 000 000

**13521/12121/11421 kHz, 17-07, 0300/0320/0340 UTC**

514 514 514 1 676 60 676 60

42129 40955 28997 10339 82496 62410 01684 13195 50609 25392  
 36318 15030 53424 57405 94418 30233 88644 23301 92002 3?994  
 148?? 70788 35298 91948 36758 93449 03590 63444 77595 11642  
 03752 02487 19796 34789 38785 50816 98204 19136 01331 35452  
 75762 56802 18471 76660 13785 75247 82769 17245 14136 23473  
 98440 58372 29613 62889 92820 01570 95525 70214 01009 77395  
 000 000

**13521/12121/11421 kHz, 31-07, 0300/0320/0340 UTC**

514 514 514 1 6564 126 6564 126

69884 90020 62279 43384 85639 00945 09934 92801 39107 92567  
 29730 33630 56180 69887 76750 82494 86109 65307 71510 58891  
 35370 23971 68309 49331 22042 05716 98750 10517 66573 46921  
 84997 25807 07073 42678 10099 97289 08848 37740 94852 91495  
 54013 80684 70901 27025 71285 04372 32066 88790 13572 02207  
 14439 97134 38849 67913 91613 99966 54504 62832 76866 36668  
 10288 94844 61963 72168 45760 98980 39246 59561 59286 87496  
 93724 47585 78871 28488 93353 81026 92982 12918 73820 44893  
 29122 04311 44708 07748 36432 28419 30529 64864 57014 68863  
 31127 60335 92954 20582 66868 70404 40111 25785 82158 31552  
 19167 80400 64744 33829 50252 31687 27697 62480 06264 85228  
 94905 77393 85158 47546 47836 40139 90306 18963 31800 68335  
 67504 42038 07448 60089 17412 49429 000 000

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

See logs section

**VC01 – a.k.a. Chinese Robot (Chinese Air Defense)**

VC01 used the following frequencies in July:

Daytime (0000-1000): 6048 kHz USB, 4435 kHz LSB

Nighttime (1000-2400): 3196 kHz USB, 4981 kHz LSB

## MORSE STATIONS

### M01

#### 6435 kHz, 02-07, 1500 UTC

025 404 404 30 30 = =  
74260 27490 17398 27489 05732 94635 84365 90432 83267 62436  
84365 13256 78476 04233 95470 95673 86754 90543 76231 94786  
37984 17569 90653 67421 68543 90632 36875 90546 67412 80654  
= = 404 404 30 30

#### 6780 kHz, 03-07, 0700 UTC

025 113 113 30 30 = =  
38743 67345 63523 53421 56343 64537 53422 47636 32562 65322  
29187 67165 46153 86716 09671 56174 56343 86716 92184 20956  
89743 78346 74623 89453 74363 27385 32792 68937 74368 76453  
= = 113 113 30 30 000

#### 4903 kHz, 05-07, 2000 UTC

025 724 724 30 30 = =  
54328 52472 94857 37465 03958 74635 74638 75485 74837 95867  
74382 74632 85473 47538 86754 74385 94857 37465 73246 47565  
73264 95867 40598 48574 37465 94837 47362 47364 74650 95843  
= = 724 724 30 30 000

#### 6435 kHz, 09-07, 1500 UTC. VVV at 1449z

025 256 256 30 30  
10475 28395 19204 93712 73453 72937 39821 93640 53872 90123  
81390 53782 42894 34782 29056 11288 73892 83490 63812 83253  
10934 72843 28040 58395 12834 29401 02743 55387 22834 89267  
= = 256 256 30 30 000

#### 6780 kHz, 10-07, 0658 UTC

025 572 572 30 30 = =  
35126 84613 08589 41328 61325 01578 15279 56120 58914 15247  
67142 94561 25419 26701 35267 91560 36154 05734 71657 03657  
56791 54316 06903 04617 68901 57153 89015 37549 01547 26803  
572 572 30 30 000

#### 5280 kHz, 12-07, 1800 UTC. Many errors

025 7412074100 64183 891 30 891 30  
74120 64183 94610 72417 84561 05631 71284 14736 72583 85612  
64128 04515 74837 94163 71984 63182 85317 64819 37106 46193  
58135 74971 04517 83414 45183 04514 05451 74129 64980 89130  
891 30 891 30 000

#### 4903 kHz, 12-07, 2000 UTC

025 564 30 564 30  
17391 94510 84514 89137 61820 18432 94513 84510 51732 94512  
94278 01432 94183 74814 95518 95410 54712 95451 84139 04516  
84541 84513 04381 89163 74190 45121 84397 01243 74017 89329  
564 30 564 30 000

#### 6435 kHz, 16-07, 1459 UTC

025 380 380 30 30 = =  
84736 28736 48374 95867 47387 49587 10392 74657 37465 75647  
07968 57465 82736 46374 65470 19857 47564 94837 37264 65746  
95867 47365 37465 75649 06958 94857 37264 36453 91847 37645  
= = 380 380 30 30 000



**6780 kHz, 17-07, 0658 UTC**

025 847 947 30 30 = =  
 73642 95843 95847 48329 05498 38473 38476 03954 75463 48576  
 91832 74632 64371 04938 74636 20498 48574 19487 92817 04938  
 74837 46754 37465 37284 10493 19382 74637 29183 73645 10932  
 = = 947 947 30 30 000

**6780 kHz, 24-07, 0658 UTC. Errors at the end**

025 831 831 30 30 = =  
 75892 03829 49201 83729 01983 01837 75930 37211 95848 37198  
 94834 09123 86903 27489 19473 89706 35947 83349 16254 01658  
 76023 22381 98376 49201 38176 09176 34165 18719 **1871 1837686 10911111**  
 = = 831 831 30 30 000 000

**5280 kHz, 26-07, 1800 UTC**

025 576 576 30 30 = =  
 83726 94857 38475 10948 84738 29847 46374 64537 05868 30296  
 28736 28746 39847 59485 94857 47584 75847 02894 09580 17625  
 73287 64735 64756 39287 49586 05968 58674 10932 84756 56382  
 = = 576 576 30 30 000

**4903 kHz, 28-07, 2000 UTC**

025 275 275 30 30  
 17427 45190 54518 58140 85513 45183 17438 05561 86552 75513  
 84513 54697 54513 90413 54618 64192 55619 45125 91423 85563  
 75318 04512 96610 34278 90415 74512 05634 84551 74541 95410  
 275 275 30 30 000

**6435 kHz, 23-07, 1500 UTC**

025 244 244 30 30 = =  
 46537 99809 10092 36544 87909 13124 46577 85984 09687 36547  
 44536 75869 13243 55768 98609 00465 27635 13124 35426 87598  
 00916 28736 46537 48755 98089 46537 35465 88576 37645 00980  
 = = 244 244 30 30 000

**6780 kHz, 31-07, 0658 UTC**

025 442 442 30 30 = =  
 54768 96809 14325 65547 89890 23090 46553 76487 47658 48799  
 01090 92837 46577 38790 14324 54365 47656 14325 46578 36547  
 76487 90908 31243 35465 76756 86787 98098 46576 10199 46577  
 = = 442 442 30 30 000

**M12**

7475/8075/9275 kHz, 0030/0050/0110 UTC

**7475/8075/9275 kHz, 05-07, 0030/0050/0110 UTC**

402 402 402 1 864 79 864 79  
 49911 04707 62140 36483 94458 78218 36596 62500 55969 22782  
 36884 02417 72559 56098 66060 64856 70651 04674 02021 19195  
 99441 24468 66868 48679 75685 92244 62385 24164 18162 80763  
 73445 42390 27122 08534 86945 47120 55878 64993 99451 33814  
 93747 72009 55076 35568 22356 37400 24353 35000 78671 92888  
 75857 60612 08550 78227 02738 04096 82159 61802 21670 92716  
 98996 14380 35290 05175 36889 69296 76490 49623 06264 29987  
 95365 44425 94506 78143 52293 18454 38742 18789 05299 000 000

**7475/8075/9275 kHz, 19-07/22-07, 0030/0050/0110 UTC**

402 402 402 1 837 68 837 68  
26907 28369 22575 32445 95571 87999 38233 35020 06615 56542  
96887 22425 55320 30361 52472 46970 35418 36034 39214 58287  
42948 47980 73888 23443 92289 19022 75158 33233 63923 87660  
13594 55370 24133 46352 05414 49074 35204 87502 54434 53885  
76443 48345 13836 96163 22969 08326 43702 31080 44341 35932  
97281 82553 16629 36133 60587 92110 33224 04229 38714 85389  
20643 12875 61448 29775 76318 09517 02198 04519 000 000

10767/10167/9267 kHz, 2100/2120/2140 UTC
--

**10767/10167/9267 kHz, 01-07/02-07, 2100/2120/2140 UTC**

712 712 712 1 696 90 696 90  
42842 23664 35634 49117 96538 93321 54634 81326 89531 02159  
11258 31413 42932 44644 94334 51945 81973 47374 77793 28894  
48529 72599 17413 75762 96404 98552 71618 61884 03007 64303  
73209 81446 35567 14914 63294 64403 20558 83033 47329 73869  
01018 58149 44912 39252 98852 60958 30269 22674 22435 09441  
49925 30647 01078 96548 54341 80516 71926 00445 55270 64895  
18283 41776 79405 81149 80131 55102 19206 70626 65510 93953  
82363 68982 96482 17898 51386 83273 02556 94248 83543 73876  
27126 79510 50693 12539 09544 37332 69261 90379 30890 77797  
000 000

**10767/10167/9267 kHz, 08-07/09-07, 2100/2120/2140 UTC**

712 712 712 1 6452 162 6452 162  
34612 86176 24673 00160 94516 77744 01615 18914 73269 07629  
57052 77130 82346 24945 12890 61661 81225 69217 63727 69799  
81959 21483 69570 22609 15493 65018 99088 96206 68421 75091  
75786 01820 53850 99681 77033 85822 23457 91825 53125 69282  
80542 92765 11593 59259 46160 49685 58555 35290 30948 68036  
70121 11832 89131 56515 37870 40423 05822 50497 81555 24727  
20006 82978 49203 38951 81561 74308 90350 08277 55358 64498  
30937 77163 78407 39984 41873 57435 66090 22682 89395 58689  
98325 54687 98439 38215 39173 45974 33375 81329 37459 79968  
42020 33205 27698 55782 61589 03939 16091 28750 72516 59991  
35480 58137 50933 69395 92673 45201 39800 06533 46832 19457  
16353 14829 98951 77995 33568 29486 26863 45108 59382 23327  
09817 77900 18979 39047 67765 27778 01545 57487 82860 07677  
28652 76688 25525 32017 53207 70839 39376 90156 40168 08447  
33663 24310 45323 72842 55361 78945 28586 13961 34475 82477  
57028 70965 37215 73837 74359 62921 42504 41479 72725 87969  
62770 06791 000 000

**10767/10167/9267 kHz, 15-07/16-07/22-07/23-07, 2100/2120/2140 UTC**

712 712 152 1 716 104 716 104  
62684 44714 25572 28306 28479 51978 18882 76004 05115 79580  
98093 87932 75824 98221 17062 11035 10912 10042 40379 94266  
48976 47146 55800 10770 32235 52809 76477 12239 25741 19333  
31759 72994 28911 10727 76984 91452 72011 89307 39307 90416  
83242 64483 42292 45448 27825 94520 20051 05344 44809 51378  
14134 03559 86244 05072 70939 90321 22499 85055 91797 12252  
96598 66336 71357 23084 87549 52651 32117 52876 32591 84683  
44300 69549 91709 43581 74956 42257 84568 24855 31703 62368  
68140 62677 47417 16869 51001 97183 45933 82998 65017 59710  
53276 37791 60114 73631 65385 32292 49904 00916 04941 84432  
22607 55735 40271 36304 000 000

**10767/10167/9267 kHz, 29-07/30-07, 2100/2120/2140 UTC**

712 712 152 1 794 204 794 204  
45761 27842 14584 76281 98272 62004 88380 73674 42934 84234  
96768 65835 91258 38232 29074 62920 85202 31871 40186 51108  
28574 82771 12948 03355 49400 65815 58790 87231 98333 82794  
45852 95649 87208 72771 90156 78496 41270 75209 79855 36397  
17621 35008 18999 00079 28071 53174 86101 08036 95895 73375  
37707 01053 79157 08571 45764 06768 82424 56771 87551 80252  
21010 41497 47573 85333 21569 68160 84755 18044 05618 09845  
83992 92835 08139 84327 01701 33446 16693 35283 55736 82284  
79794 91247 46710 32801 73308 61623 33581 24880 32326 20848  
84294 81382 33330 57153 75559 80945 85314 54084 38591 06879  
86828 35925 76894 62934 74687 96290 98517 10217 54210 46387  
53945 12086 17751 12441 29062 55456 58548 39125 17765 88550  
18845 63529 20733 42949 07979 49660 26600 90722 71236 35690  
59480 34277 55584 21938 12697 04630 59570 73032 86267 37548  
75894 16609 24491 35306 65284 95544 29792 13960 39570 91125  
38031 95971 56077 44429 20206 54501 47712 24628 36315 45952  
46761 30409 00677 12712 39393 69114 63376 00154 45287 88200  
35092 53431 83587 84759 89227 83728 70567 90501 72811 74333  
96640 68016 95064 55401 34803 05318 39529 42194 16103 91674  
92978 10281 75913 00591 59411 52242 61917 67896 56500 54837  
00172 33103 61552 33300 000 000

**11435/10598/9327 kHz, 1800/1820/1840 UTC****11435/10598/9327 kHz, 02-07, 1800/1820/1840 UTC**

938 938 938 1 5553 73 5553 73  
85689 85530 53512 21533 81594 98110 19445 36421 84985 73447  
10555 60749 93338 59068 56214 32637 53739 13998 39032 51500  
83851 47402 33373 55047 19175 65989 16638 25214 39864 06396  
91128 82195 98510 76081 02804 20425 01929 05440 04264 43767  
36586 72186 87845 78319 12570 59259 92741 46052 83681 26807  
59575 10770 70687 50331 18891 86758 91173 97090 38345 77716  
22496 71667 43191 59847 89427 24343 08595 67216 80415 96339  
89338 28213 27227 000 000

**11435/10598/9327 kHz, 09-07, 1800/1820/1840 UTC**

938 938 938 1 1581 79 1581 79  
27235 43582 03291 37248 88299 37387 02014 27209 79329 32463  
05360 45242 60701 83158 65150 94096 03645 59419 74772 71301  
00776 63750 95381 33356 99951 18332 81085 04979 11809 21968  
48832 10255 89422 85421 83554 70959 08748 93564 91320 26581  
76659 02284 01754 02842 58882 79252 14042 31248 71823 74870  
07166 87832 09763 51231 90564 30655 21552 33484 53917 74287  
52460 01512 80270 84149 27495 61387 98779 07841 28255 40118  
32894 88514 97642 03579 15726 44830 59204 70721 21792 000 000

**11435/10598/9327 kHz, 16-07, 1800/1820/1840 UTC**

938 938 938 1 5874 79 5874 79  
22852 23718 51491 37719 23108 91573 74436 03314 66974 38614  
22206 81763 17971 06120 93563 64364 05431 41367 96783 86153  
66304 96560 48012 63567 83551 36735 92737 41381 75653 05557  
50484 31891 29211 10748 49749 26910 70159 88884 23469 83542  
98172 63981 62684 17712 22895 14051 91490 99333 58067 07627  
05329 79121 12362 57685 23376 32225 38881 38202 98112 24342  
20875 62555 57867 34558 75655 32254 98702 30124 12656 29448  
89764 74211 40916 69744 33206 49082 37776 01054 87910 000 000

**11435/10598/9327 kHz, 23-07, 1800/1820/1840 UTC**

938 938 938 1 1163 77 1163 77  
54318 65240 47994 19336 69021 72968 36864 49213 89239 77769  
67160 54101 36557 88349 16297 77733 95362 54258 08100 23650  
84267 95282 86761 83831 46768 34295 40134 52692 02339 40481  
94346 26683 53238 85425 56910 22364 29385 97672 86857 79051  
96235 25134 92930 50478 08796 98433 21845 67923 45322 56442  
75360 09266 40801 74484 70133 55471 24916 68244 64369 37214  
11694 63925 55553 91634 91038 36540 82229 08069 38988 18829  
20964 90211 08526 32252 10031 12156 48347 000 000

**11435/10598/9327 kHz, 30-07, 1800/1820/1840 UTC**

938 938 938 1 9669 76 9669 76  
89973 21706 90488 13617 85259 59380 12791 77032 00861 12900  
44007 26387 37895 63460 43286 76647 39375 72619 03269 22905  
77296 12130 50903 34048 46370 01693 57599 66414 40313 94225  
81420 13595 06294 75907 60993 43230 69335 42288 21454 87365  
44159 81596 81289 12940 52024 55454 69575 27746 27220 18562  
58960 23913 37940 86536 35577 79813 79829 89863 88603 58821  
43299 03192 24776 49651 97808 58441 91608 36838 48930 40839  
61202 74213 28773 17692 70276 17494 000 000

**9284/8084/7584 kHz, 2210/2230/2250 UTC****9284/8084/7584 kHz, 02-07, 2210/2230/2250 UTC**

295 295 295 1 3546 90 3546 90  
01663 13569 46856 08945 66343 99108 67097 07730 46565 70914  
93761 03293 11626 63719 52297 78404 85226 90811 20869 76505  
44383 31554 00344 74914 59625 26243 24419 59108 92898 00201  
08188 49862 13927 59440 01971 01642 98129 14793 68793 82816  
26856 72212 95867 29116 65360 30203 67288 36745 94116 77417  
52969 14271 88680 91285 58834 38768 91256 67198 18348 54786  
88362 80813 86496 02984 96477 83876 71237 87024 88015 04796  
72051 09159 22047 58188 06494 21031 51432 06614 03966 49928  
79968 70910 19588 19984 86067 54589 13193 49543 78439 75094  
000 000

**9284/8084/7584 kHz, 06-07/09-07, 2210/2230/2250 UTC**

295 295 295 1 550 156 550 156  
17138 47025 95971 79495 64102 55360 68027 26587 94480 02435  
26506 40816 52452 32063 69815 17817 41828 33677 17917 43692  
33557 70709 39386 63526 08109 61553 92940 34106 12396 29923  
21513 17231 99286 18295 23313 63995 36690 37732 66396 86178  
97517 65753 03318 75350 42626 61182 77908 46496 81001 03508  
14185 56380 67114 95592 30312 82879 28811 70283 30309 36456  
97979 05662 42821 74921 07187 14476 48797 70192 23301 20186  
48669 52300 20050 80645 93857 05354 19076 32019 58518 48774  
12490 90776 58155 17185 58496 97270 78139 58003 21026 81669  
89674 65051 66826 27555 63022 13996 41774 84134 56860 51103  
64952 89648 13228 22481 55769 79188 80422 46968 16000 11163  
75977 10020 39747 53653 94817 03539 39777 07516 77675 76394  
90592 16295 57162 04035 54388 81628 67609 01133 16880 11366  
82817 90920 75602 24960 38269 41854 90752 36683 43413 38937  
46292 98916 81178 20876 13701 89491 90300 36591 45885 63315  
58484 07120 01259 37964 59074 95826 000 000

**9284/8084/7584 kHz, 13-07/16-07, 2210/2230/2250 UTC**

295 295 295 1 863 64 863 64  
49962 37464 05219 16468 57705 25510 73050 65967 57709 75795  
93511 36392 97085 96922 07756 99994 78265 90992 17200 11737  
48798 89006 42561 31042 53776 39612 14160 20600 03086 47751  
48320 45052 04541 52862 90761 76837 71547 03343 04248 91386  
41629 86030 23909 13511 51708 10756 35260 65644 20991 94060  
79228 78301 76107 80596 02341 44136 41527 03520 38122 09394  
05395 57085 86602 33429 000 000

**9284/8084/7584 kHz, 20-07/23-07, 2210/2230/2250 UTC**

295 295 295 1 860 100 860 100  
62707 13932 91514 82092 03036 67132 58703 01088 51297 97953  
73319 55174 96180 46733 95591 24333 15784 43346 14784 13489  
33280 97705 15639 87084 34291 96342 31807 95657 07707 76863  
54172 88520 09776 02370 69290 86520 71971 14586 80543 04623  
88432 18695 80643 69612 31699 16164 64960 50738 26524 01832  
91731 05850 22642 83155 91048 57950 48220 01210 81988 76393  
66506 66625 52163 23836 98620 83523 91849 77895 67373 61834  
32965 21089 43344 25918 33840 18994 37701 90242 67433 59779  
82056 12532 78399 25697 43211 64061 94205 09664 20842 12160  
87774 73613 87421 21524 82565 12924 95706 14812 96233 40983  
000 000

**9284/8084/7584 kHz, 27-07/30-07, 2210/2230/2250 UTC**

295 295 295 1 869 112 869 112  
10961 20448 15017 32471 24539 65711 51927 30402 91945 05445  
29689 46748 03247 87682 84455 39030 12329 14679 53554 34371  
84194 22923 86248 26417 47073 53865 86238 94689 94688 93657  
20044 16850 48463 66303 84761 36727 81002 78187 39971 86545  
18205 34618 53694 21507 34893 67918 87496 74123 25512 50720  
17599 49652 30811 45750 33170 26562 16208 94111 21519 02423  
84656 30567 56957 06570 92454 03404 95466 82371 21110 47748  
95736 59530 85994 30946 10811 22443 55920 45341 12837 30947  
81102 71388 62575 43799 62848 07588 43165 35432 20258 16111  
29282 81668 88603 99236 65859 96892 71394 97331 27381 07324  
04051 77034 81855 81441 24142 49805 34917 05708 80685 51027  
69376 30714 000 000

13979/13379/12179 kHz, 1600/1620/1640 UTC
---

**13979/13379/12179 kHz, 03-07, 1600/1620/1640 UTC**

931 931 931 1 3460 83 3460 83  
13869 06089 41153 20862 04993 32886 52866 00196 19904 87515  
45672 32385 34201 31277 66486 31365 27843 05631 36137 53685  
98127 52006 74605 02231 28783 34633 50609 60344 45370 72240  
38382 55723 17091 83661 32537 51288 08768 12928 55677 59156  
63328 89810 91729 51567 42867 32107 60915 15631 95720 43200  
09927 62605 31037 66898 08398 94794 76287 24700 78407 35940  
72396 78434 70147 54845 34256 00789 43121 54360 39483 78315  
25899 53229 08414 61462 50255 18098 61533 78687 08919 68905  
15162 72687 68746 000 000

**13979/13379/12179 kHz, 20-07/24-07, 1600/1620/1640 UTC**

931 931 931 1 543 48 543 48  
21395 83910 57130 92490 11106 06882 10444 04780 22060 72498  
02984 12916 08852 53552 40427 29482 28118 84524 58639 75720  
19857 93886 92603 72831 48954 54799 91745 12309 68822 16952  
17834 42209 50716 71883 75096 80035 32933 23380 64012 25537  
55203 11055 78184 86727 44138 00900 63407 85907 000 000

12205/13559/14728 kHz, 1230/1250/1310 UTC

**12205/13559/14728 kHz, 04-07, 1230/1250/1310 UTC**

973 973 973 1 2030 59 2030 59  
64601 17001 59864 60647 53568 49282 42670 09193 74771 51841  
24819 38926 25277 32163 68609 06852 30760 04577 29930 22997  
30214 47818 69493 27577 86381 78397 76978 28615 26491 25098  
47228 77407 64830 90610 31414 21368 18302 04680 53538 87091  
19894 22086 54716 80819 44705 96025 51447 29450 74825 16470  
79997 71834 62720 49244 86202 05454 31327 61479 00003 000 000

**12205/13559/14728 kHz, 11-07, 1230/1250/1310 UTC**

973 973 973 1 5131 60 5131 60  
32368 80395 99952 02993 35640 27900 29867 37963 27295 13335  
12314 85965 11293 01288 22250 62788 93548 96718 78302 14365  
00543 89708 58076 75803 44001 39238 29138 88010 08632 87644  
65221 60439 87416 57788 94602 57772 53882 67822 83711 34467  
10765 19205 82703 58590 89469 67488 03000 55131 74764 55685  
49568 25168 44314 42798 96173 31814 00624 18418 94557 20629  
000 000

**12205/13559/14728 kHz, 18-07, 1230/1250/1310 UTC**

973 973 973 1 7963 56 7963 56  
50295 47744 48639 08425 89609 41009 23011 60329 31203 64509  
74762 63201 27752 18512 05132 76563 06911 75394 37317 54772  
89388 22445 07660 58545 54679 32066 39834 03138 41934 51601  
78317 33585 02882 19220 16251 45234 15048 46660 77287 13013  
58309 06702 81243 42397 53613 44479 14099 22948 88532 54843  
99148 12265 62911 30251 22819 67387 000 000

**12205/13559/14728 kHz, 25-07, 1230/1250/1310 UTC**

973 973 973 1 9869 57 9869 57  
42352 61900 38402 45649 60668 21379 37251 56227 01298 94527  
03576 46769 47116 65997 73468 47779 76098 01597 99623 20122  
35550 78981 68971 86136 40028 87135 36555 20590 12670 09915  
58767 24361 07527 03419 71134 24327 88080 58872 77889 47499  
64727 47415 81182 27722 24791 02330 50420 30705 73723 55057  
79167 27806 23100 87879 19665 86555 42853 000 000

10807/10207/9207 kHz, 0700/0720/0740 UTC

**10807/10207/9207 kHz, 05-07/07-07, 0700/0720/0740 UTC. Distorted audio at 0700/0720 UTC**

822 822 822 1 8969 140 8969 140  
26431 54181 34654 31916 38520 31330 50252 18181 96698 54590  
53395 75953 22098 64932 35347 37305 09952 67404 08623 80239  
10392 36030 93126 20054 00924 86714 30720 97304 95526 65902  
54734 82313 26594 74468 62300 87115 18908 64343 92756 90635  
45177 36750 69187 71935 26135 34119 58041 21479 17910 10431  
06176 74095 18163 60654 19955 69111 35800 59772 41832 48355  
86196 44934 36796 34555 44115 71297 69054 14473 59787 40141  
47703 85230 27196 03098 60139 00930 83870 47394 90582 35482  
07192 54287 88957 97798 16507 72132 92920 19042 14319 72692  
57190 21782 23133 29809 40097 03130 68817 26609 29025 73546  
59355 06698 02468 47862 30475 33915 22951 71699 88860 30168  
47834 29285 26090 15997 63652 46789 57194 60414 17198 06540  
19615 88438 73014 92941 73315 88858 14569 29293 06409 16459  
28313 02460 20608 58751 27027 96625 78012 76910 07852 00596  
000 000

**10807/10207/9207 kHz, 12-07/14-07, 0700/0720/0740 UTC. Distorted audio at 0700/0720 UTC**

822 822 822 1 382 144 382 144  
06788 57311 09925 51157 36527 64365 31579 97180 73824 54194  
27444 42111 33511 93697 53936 24819 92972 09432 30099 42015  
44440 50944 66695 49485 18390 38376 86989 16229 58770 22303  
25086 52454 75056 89084 26501 61844 62047 52344 10674 85491  
77104 49964 31082 73150 07968 59705 75462 26710 48730 59443  
11091 95624 57645 78968 34787 03360 18693 11565 72194 65447  
94755 37375 89172 19138 69796 83188 25189 91116 08782 96660  
03333 14916 66127 66156 63646 91951 84059 56899 04224 85311  
43888 67318 07709 15014 19077 04444 37104 08152 45975 71851  
94352 61627 92433 30290 89173 26553 00198 90076 11707 46429  
42168 42493 94313 68431 88716 80835 07893 16887 52419 60019  
40586 46079 13358 10073 10830 89650 43022 53088 98883 06221  
52216 73310 83448 32424 03204 68791 56366 96389 81562 08870  
98505 53126 07206 27378 19713 38726 61815 71656 01847 45454  
96350 32234 63110 95435 000 000

**10807/10207/9207 kHz, 19-07/21-07, 0700/0720/0740 UTC. Distorted audio at 0700/0720 UTC**

822 822 822 1 9266 166 9266 166  
27708 39060 36571 35620 86054 46090 07101 05232 76101 78812  
75542 94453 83886 24248 26056 17475 51901 58021 82074 89970  
07122 94631 76957 07536 01215 20994 04869 84750 14329 50913  
39842 83192 56184 64367 68934 33270 84208 36597 45469 96837  
07264 82999 94231 80529 55752 26536 83638 98360 45364 39393  
99155 95340 83906 26113 16441 04399 66573 88135 51785 88326  
46161 09013 94621 92559 87097 95026 06168 01931 29380 61536  
09207 60321 93210 04975 89293 64887 20693 40906 51163 65064  
24322 71853 99311 08864 14584 21301 83537 99297 57217 65989  
70568 86963 00940 12225 48414 79709 24747 15878 62920 11891  
66817 81965 92482 20395 98871 85959 30737 26024 19586 24194  
11585 65911 70768 56582 79819 04400 96795 24391 75095 76792  
24047 71739 21735 40647 73366 13052 70483 42351 70391 07751  
75454 06651 75290 43493 22290 06902 67380 26634 88271 55588  
37254 76619 29050 96981 79580 96897 76903 58791 49590 78769  
69776 68823 42897 85018 71699 94092 77775 62207 94427 81699  
78107 80141 78925 33277 59850 93009 000 000

**10807/10207/9207 kHz, 26-07/28-07, 0700/0720/0740 UTC**

822 822 822 1 320 180 320 180  
70058 32271 52418 13656 34788 88054 54665 90680 00712 96986  
81135 30438 05531 60199 85886 81809 87213 03590 78984 47135  
21068 30327 08676 25129 21135 66449 69599 35712 44703 43819  
53145 36715 27554 25685 75899 84550 23885 74750 70099 72580  
38480 22756 92789 23050 77401 69442 86758 46751 45113 57179  
12272 51813 37315 83306 98274 75794 98572 51381 32645 71211  
45220 24698 01893 85164 29250 57780 84201 20360 46739 45006  
96814 07560 12380 23358 11012 81557 25378 14349 77546 01655  
06509 36279 54177 21625 46787 73052 30093 03586 93356 19881  
56332 70282 49500 34494 20338 37551 65241 07140 06105 77089  
67571 58375 22979 97407 71051 05652 66497 70816 43691 20507  
16019 55971 33971 40388 61869 06085 36490 51856 65692 07002  
92746 13279 69530 30355 11447 38525 63291 21780 36581 49316  
52198 14687 74494 24989 45527 85756 47617 68428 34730 13779  
05852 71547 64967 67746 42631 12362 20038 75704 33016 39144  
83719 89656 42551 97305 85781 30565 96192 57659 76645 65706  
45464 91027 54760 89256 48936 98125 49028 81117 57809 72698  
50511 00815 73583 39241 29503 57973 46638 32147 23413 26326  
000 000



**13386/12189/11491 kHz, 07-07, 1110/1130/1150 UTC**

725 725 725 1 9906 98 9906 98  
33348 43199 87544 93084 83446 19185 01052 62095 03773 44214  
19099 09887 51239 67927 73034 56611 66943 01061 74220 80376  
65047 88744 32760 82898 56309 21836 42944 16565 14617 57511  
52381 92055 70480 13229 27147 10123 55610 19034 96917 19816  
24328 80819 90819 13278 13970 67065 12951 12331 10835 88816  
77035 94522 19168 61298 99967 05621 88807 42602 66000 19148  
75836 78364 37303 20084 44271 28855 13234 20549 68058 93067  
08203 22114 89803 05961 25698 63791 98174 20101 08390 60017  
33455 51327 95204 97050 94940 31681 63517 54629 17932 46350  
99418 94941 34500 50129 51669 24616 77172 69428 000 000

**13386/12189/11491 kHz, 14-07, 1110/1130/1150 UTC**

725 725 725 1 1135 92 1135 92  
37253 30573 57680 61756 70111 49855 80704 93426 12348 13498  
74674 26049 42914 50530 37595 56639 05877 34962 32031 82293  
18095 09619 69748 93230 00917 07177 24698 24917 47765 45541  
40892 08815 37846 22865 44066 33263 51762 25777 36763 68293  
17986 09129 66289 20224 64082 87429 40221 81891 33580 63861  
66057 66168 34924 54971 01301 29275 48713 80654 19108 84235  
24140 42944 73413 47796 57420 00212 76922 06309 51217 85073  
16369 50949 40716 03283 74791 44251 59471 13327 97805 43046  
43146 79345 07424 45005 60913 05747 14887 17013 20866 23550  
93990 34015 000 000

**13386/12189/11491 kHz, 21-07, 1110/1130/1150 UTC**

725 725 725 1 2852 95 2852 95  
17896 77953 28503 50421 12216 02671 86331 91059 99835 82937  
87984 84735 51235 54283 49831 14968 73202 06592 53793 87479  
30093 89662 44148 18104 99258 01993 49164 72274 19878 02312  
05339 37512 69738 52400 95462 01577 88763 85870 96147 11482  
77302 41708 21844 82000 94691 24090 96649 05748 68797 88608  
90483 31390 91799 64444 25613 16712 37001 82705 81738 50701  
33155 43252 63266 10780 46395 17327 09799 06446 49289 48066  
43997 69204 60972 76266 56215 44500 27663 60723 03300 40461  
86401 80742 14291 93345 78036 22210 40982 62655 52392 51380  
06903 95138 58538 15374 67899 000 000

**13386/12189/11491 kHz, 28-07, 1110/1130/1150 UTC**

725 725 725 1 6353 94 6353 94  
99302 16212 07019 87908 97279 89952 02316 70471 74385 91506  
41194 17514 27782 83852 83290 44329 63988 91474 04229 07466  
53077 18280 73317 87803 79102 40999 69754 33117 09667 61050  
29439 62943 08283 76764 56722 82435 30497 75368 13677 16739  
03304 61101 37699 03215 12183 29951 14044 96440 54344 37787  
74677 82572 72680 86249 39700 79639 41184 78366 70623 38446  
65283 76579 85177 51743 03582 22576 94273 98247 02567 29947  
10006 29460 41800 42448 68262 77800 33094 94100 04642 93563  
94560 37388 51366 00850 90338 21843 42170 98491 11325 80071  
85954 80188 19844 29657 000 000

12217/10817/9317 kHz, 2000/2020/2040 UTC

**12217/10817/9317 kHz, 11-07, 2000/2020/2040 UTC**

617 617 617 1 712 76 712 76  
25422 23577 56330 42511 78123 22935 85519 24087 04428 88741  
63247 11479 62504 32525 56582 88419 78966 75376 09495 58310  
20333 54053 81480 30399 26730 24536 17225 76986 30101 68526  
39403 63982 75921 37973 39381 82905 91170 97093 50132 23025  
77502 17504 99242 93750 49779 77786 96443 17182 13274 75835  
64552 69957 96565 99172 48797 48724 60594 42950 58104 03781  
71200 66832 59196 57975 47612 01094 79326 15890 \_\_\_\_\_  
\_\_\_\_\_ 60371 80891 30484 000 000

16284/14984/14384 kHz, 1600/1620/1640 UTC

**16284/14984/14384 kHz, 18-07/21-07, 1600/1620/1640 UTC**

293 293 293 1 6366 88 6366 88  
38884 80945 61199 97817 68382 17377 09315 76930 10172 87815  
47262 00670 94969 49498 51305 85683 73527 91393 92478 45481  
04929 22635 36296 92789 05945 85815 21435 32301 37802 51175  
38021 42846 39913 21896 95436 03472 95619 54795 57146 07067  
48193 13387 91497 99365 78778 18636 44633 97917 80176 11408  
57029 60196 69092 11560 57373 40626 48812 95063 48822 41004  
81297 05408 73682 96434 98612 51341 51881 04498 08613 71547  
80218 14953 10178 24307 91456 65925 03660 48126 45336 08390  
74952 19025 33681 84474 63973 57776 12992 49015 000 000

13381/12181/10781 kHz, 2110/2130/2150 UTC

**13381/12181/10781 kHz, 18-07/21-07, 2110/2130/2150 UTC**

317 317 317 1 865 73 865 73  
98653 17449 74614 87180 90112 55987 45758 31948 33118 87381  
61979 87626 84955 75913 94919 86184 51704 08640 82766 62872  
01999 23805 43516 92783 82801 40693 17527 42102 60925 91984  
17076 33462 56770 53174 51580 13310 75226 36027 48032 76070  
42591 23670 13630 36113 03187 96840 48757 14409 77391 73907  
31438 67044 19308 61701 36246 60509 34476 80341 07666 73001  
00829 39263 91417 84005 77422 38332 87154 94301 14292 35806  
51907 56372 25106 000 000

14968/14468/13368 kHz, 1900/1920/1940 UTC

**14968/14468/13368 kHz, 20-07/22-07, 1900/1920/1940 UTC**

943 943 943 1 5818 84 5818 84  
99019 98529 89982 29025 84771 81150 29746 20677 37188 71146  
85305 38369 49705 35892 71855 68967 61693 61582 87125 70655  
36718 89576 08568 94146 47820 26421 94067 30410 55564 91732  
43422 17849 55761 38419 92855 89242 71874 40330 19960 96048  
80172 58145 20504 56539 78792 62978 02527 01380 26177 10441  
49027 64896 98662 16075 50926 16789 86508 53817 10149 06788  
75319 96779 44854 40546 46812 27989 55427 50865 57232 17670  
48702 72464 56181 44433 26243 05577 42317 26133 10721 17710  
36404 00938 00060 01492 000 000

All logs and transcripts by AB with some additons and corrections by PY.

M14 really messed up in July. Who are these guys? Drunk operators? Uninterested students who must learn how to operate a Morse station? I don't know. The transmissions come from Khabarovsk.

## **12211/10243 kHz, 01-07, 0500/0520 UTC**

Not found

## **12211/10243 kHz, 04-07, 0500/0520 UTC**

952 (too weak to copy)

## **12211 kHz, 05-07, 0500 UTC**

**10243 kHz, 05-07, 0523 UTC. Late start. Inverted keying. Normal keying from gr 11.**

0500z preamble: 952 952 952 00000 348 348 56 56 = =

0523z preamble: 952 952 348 348 56 56 = =

87774 90742 70264 34168 24652 54286 25469 06125 06572 86960

66218 06834 45230 07277 60246 25827 17556 21243 19402 06398

35310 39103 27102 01653 19077 14051 75662 79875 18842 13855

68164 52643 48333 61335 64570 24143 25325 04614 76763 85102

35083 03100 42193 99803 59141 40129 30832 59586 36604 98200

65114 01305 50145 57751 57551 14151

= = 348 348 56 56 (no closing nulls)

## **12211 kHz, 06-07, 0500 UTC**

**10243 kHz, 06-07, 0520 UTC. Transmitter problems, 0521z briefly inverted morse**

952 701 701 52 52 = =

09681 46289 46320 22264 60145 61479 58382 72000 00384 42717

75380 65243 78858 51280 74290 14773 73968 26944 67145 21554

69532 58652 23151 29055 45067 29896 64335 45232 04498 55992

20664 61891 91686 55432 55576 26088 66199 22515 97863 43270

37778 93426 40829 16751 82936 22965 94679 53888 92115 14106

03068 91570

= = 701 701 52 52 00000

## **12211 kHz, 07-07, 0500 UTC. 952 (R4) then off**

**10243 kHz, 07-07, 0523 UTC. Late start. Sent only 70 groups. 10wpm start but speeded up to 20wpm during the callup**

952 863 863 71 71 = =

51656 05045 51759 19051 23548 08434 80824 87400 92434 48609

60714 83356 62074 82720 43932 78295 08658 63276 25819 87866

80142 53575 15426 95088 55451 42447 02958 56339 18221 31740

91000 26213 24789 95011 81689 62146 71106 30841 37035 94776

88263 59210 54578 74956 21319 34386 25556 33367 71112 72749

67787 13664 03756 19001 50443 65102 57489 99176 52908 05566

01585 33929 24898 90942 26989 10490 40050 51794 73395 36766

= = 863 863 71 71 0000

## **12211 kHz, 08-07, 0500 UTC**

**10243 kHz, 08-07, 0520 UTC. Transmitter problems, 0521z: 952 inverted morse, 0521z: fixed to normal morse**

952 470 470 52 52 = =

99735 93290 76708 34812 69500 84222 91402 56016 51980 67870

10718 82094 50491 04059 24964 95534 07138 26625 94902 33020

44773 21974 88282 86803 68041 03053 93437 91860 90691 14659

89614 95401 81351 31049 78731 35303 44935 31759 08245 72753

81896 66587 39823 54449 92491 45680 43505 02139 18255 15645

22034 53048 = = 470 470 52 52 (no closing nulls)

## **12211/10243 kHz, 11-07, 0500/0520 UTC**

952 168 168 52 52 = =

33184 34819 49488 42909 73495 84384 56397 68068 28449 85318

93741 27459 35129 98283 26071 99950 43523 29423 10082 48991

45645 84703 10121 68836 50454 73271 58694 55888 84261 23250  
54197 66055 21320 54405 13027 44097 74268 49146 18285 35872  
99129 96260 32248 19434 94551 05853 64793 15918 99965 18910  
14967 66140  
= = 168 168 52 52 00000

**12211/10243 kHz, 12-07, 0500/0520 UTC**

952 347 347 51 51 = =  
87901 12315 71455 25025 69614 38420 47396 20373 67451 47451  
63573 15244 06077 35088 32636 19153 39681 77392 42974 89446  
06732 03335 90105 32012 53235 99845 70663 14961 19437 41567  
99925 99998 15502 62502 38804 21154 33911 11749 41253 65558  
72110 60496 58022 35962 63852 52385 57697 99682 42668 15112  
50961  
= = 347 347 51 51 00000

**12211 kHz, 13-07, 0500 UTC. Note the group count: 52 vs 53 at 0520z.**

**952 off after 3 mins, some signals at 0507z, back at 0508z with the last digits of group 23.**

13 92160 62703 94194 69417 78616 36335 40134 42987  
40740 92853 24783 39298 01578 63280 57221 48637 12049 74648  
09810 93730 65347 65753 15652 10766 70809 00248 52858 64502  
98197 31806  
= = 810 810 52 52 (no closing nulls)

**10243 kHz, 13-07, 0520 UTC**

952 810 810 53 53 = =  
60059 50059 27160 80322 64355 50125 04708 19669 96744 78560  
20231 68611 21039 12692 27920 60873 94700 59047 31483 45342  
88889 82097 71613 92160 62703 94194 69417 78616 36335 40134  
42987 40740 92853 24083 39298 01578 63280 57221 48637 12049  
74648 09810 93730 65347 65753 15652 10766 70809 00248 52859  
65502 98197 31806  
= = 810 810 53 53 00000

**12211 kHz, 14-07, 0500 UTC. No closing nulls Sent only 51 groups**

**10243 kHz, 14-07, 0523 UTC. Inverted morse during the first two minutes. Sent only 51 groups**

952 364 364 52 52 = =  
55086 35917 90835 18597 44921 47678 09741 49445 59980 23044  
66892 36729 03553 74236 77290 99860 69751 32044 71022 45015  
43136 62707 71454 24841 41022 98187 40320 32640 28146 28249  
31884 41966 58379 27797 23386 27563 23189 17908 13932 28590  
11515 83985 09036 40074 10770 99488 32991 43517 03630 28655  
36262  
= = 364 364 51 51 00000

**12211 kHz, 15-07, 0500 UTC**

952 710 710 52 52 = =  
69480 30474 48725 19531 61841 92569 55878 14727 15351 49631  
98034 56133 07446 95064 48351 15176 98442 21456 99717 81084  
33396 23570 48494 23315 72942 46365 03334 79460 51598 70218  
80058 73331 86935 50540 68496 92909 88070 53980 82230 82841  
36906 58388 27197 31180 40569 08749 50065 55040 78473 46248  
52346 14886  
= = 710 710 52 52 (no closing nulls)

**10243 kHz, 15-07, 0520 UTC**

Inverted signal. Unreadable. Stopped at 0534z. Carrier up till 0543z.  
Header: 952 710 53 while 52 groups were sent at 0500z

**12211 kHz, 18-07, 0500 UTC**

**10243 kHz, 18-07, 0520 UTC. Inverted morse, normal at 0522z**

952 486 486 53 53 = =  
19342 18519 00651 20104 94252 26379 03812 49421 66898 12378

10053 73877 15485 87151 44588 57214 22085 52836 51963 66467  
18434 25894 78419 27550 82599 14225 26235 40697 34978 90873  
90976 10469 07033 31494 17592 69983 81232 07780 36297 04086  
25614 54032 64179 01116 71414 49064 83463 87992 07202 80622  
32374 28276 87957 off (last group sent once, no postamble)

**12211 kHz, 19-07, 0500 UTC**

952 137 137 64 64 = =  
68087 39198 46005 50192 16338 70413 68976 84975 17134 45031  
76411 99647 06790 18825 93151 23272 29909 86263 23841 15570  
42595 90345 70841 00242 97800 43071 05370 64401 61236 98756  
02793 78802 31291 47364 78023 18570 61385 20031 81947 89088  
08206 24007 44829 86767 54265 49163 77620 49352 78201 13274  
67122 75469 67126 38259 25928 18109 23507 74562 83095 81707  
27855 15873 26471 77539  
= = 137 137 64 64 (no closing nulls)

**10243 kHz, 19-07, 0520 UTC. Incorrect group count**

952 137 137 65 65 = =  
68087 39198 46005 50192 16338 70413 68976 84975 17134 45031  
76411 99647 06790 18825 93151 23272 29909 86263 23841 15570  
42595 90345 70841 00242 97800 43071 05370 64401 61236 98756  
02793 78802 31291 47364 78023 18570 61385 20031 81947 89088  
08206 24007 44829 86767 54265 49163 77620 49352 78201 13274  
67122 75469 67126 38259 25928 18109 23507 74562 83095 81707  
27855 15873 26471 77539  
= = 137 137 65 65 (no closing nulls)

**12211 kHz, 20-07, 0500 UTC. Inverted morse; normal at 0501z. Sent only 63 groups**

**10243 kHz, 20-07, 0520 UTC. No transmission**

952 804 804 64 64 = =  
03628 28054 28012 83655 99766 87876 81641 18808 82722 99452  
27702 11021 58317 74972 17560 44155 55985 87275 18699 47099  
52574 57580 97154 24725 20847 66763 17637 77209 19878 76103  
91004 56191 69542 68436 23797 31160 76259 45661 49505 64556  
02204 43525 46259 18988 95154 49639 70641 45018 21184 35648  
62293 22956 67360 39497 99011 57088 06656 58741 07018 45790  
42254 40819 56098  
= = 804 804 64 64 00000

**12211 kHz, 21-07, 0500 UTC**

952 (R) off after the callup

**10243 kHz, 21-07, 0520 UTC**

952 (R). Inverted morse; normal at 0501z. Off after the callup

**12211/10243 kHz, 22-07, 0500/0520 UTC**

No transmissions found

**12211 kHz, 25-07, 0506 UTC. Started while already sending groups. I was too late to jot down the first group(s). Suddenly off at 0515z**

**10243 kHz, 25-07, 0520 UTC. Carrier till 0525, then off**

\_\_\_\_ 74396 38140 70026 28514 14645 43717 20299 20372 36841  
76198 65497 36792 53403 42944 77006 73747 87879 27003 71596  
97786 61463 51602 26720 77686 00631 37083 58896 45139 84323  
55577 90868 99285 10378 81880 99718 16040 85870 63956 63125  
48127 71087 61500 45955 26789 31781 26016 94372 01084 79431  
20828 off

**12211 kHz, 26-07, 0500 UTC**

**10243 kHz, 26-07, 0520 UTC. Carrier only**

952 841 841 52 52 = =  
73367 38344 67408 20252 80335 76195 38411 17511 45331 32084  
59422 65456 74782 04439 28995 63952 78535 70095 44382 39576  
66012 33861 93061 21978 21770 75034 29122 44560 02634 01845  
89195 42905 23609 49738 27636 49403 24742 84447 75618 07500  
36127 95782 53852 54016 83251 93085 93593 42970 99852 38282  
45653 09341  
= = 841 841 52 52 (no closing nulls)

**12211/10243 kHz, 27-07, 0500/0520 UTC. Both transmissions started with inverted morse**

952 360 360 52 52 = =  
41188 21059 20981 72860 65800 84177 99247 89571 36311 71793  
14108 55098 56692 20541 07592 48902 45810 07548 54286 63619  
40355 58808 71924 01755 97073 54128 14885 86937 67765 95846  
86538 69400 45472 33513 31385 30397 05285 61707 92901 15228  
88230 33191 48064 49565 01655 54586 54459 18771 34543 56747  
70926 14886  
= = 360 360 52 52 00000

**12211 kHz, 28-07, 0500 UTC**

**10243 kHz, 28-07, 0520 UTC. Carrier only. Off at 0525z**

952 647 647 60 60 = =  
67828 11499 55839 42878 06636 02626 65586 05429 04763 01671  
10572 17727 95993 70884 43726 27809 12381 04885 84889 43637  
12562 65976 66165 03627 53140 34802 53931 30473 76567 43519  
83459 47964 13970 83675 67057 65475 26354 05988 61697 59819  
32632 54193 07036 09156 97886 00178 69805 58631 80345 72557  
55467 22449 60476 95908 73103 52052 00647 82823 64464 25107  
= = 647 647 60 60 (no closing nulls)

**12211 kHz, 29-07, 0500 UTC**

**12211 kHz, 29-07, 0520 UTC. Carrier. Moved to 10243 kHz at 0528z**

**10243 kHz, 29-07, 0528 UTC. Carrier. Moved from 12211 kHz. Off at 0530z**

952 108 108 63 63 = =  
15420 06421 14952 09234 83824 22891 24908 73894 65803 47568  
29128 33840 33092 88515 89878 85142 64756 09591 44100 75759  
91862 97554 57696 70736 92251 7x665 32269 79617 96337 96452  
87726 63253 89890 59352 69215 62185 24718 47893 51796 13807  
73206 26123 41318 50473 87634 82953 94926 95760 50220 2613x  
09621 01060 24822 84495 52334 89683 46241 98236 29945 00684  
08056 01821 22669  
= = 108 108 63 63 (no closing nulls)

## ***M95 - Chinese Military***

**9153 kHz, 01-07, 0701 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**9153 kHz, 01-07, 0701 UTC, M95: CW**

V BNEC BNEC BNEC DE XSV70 XSV70  
HR MSG GA PSE CY  
NR 547 CK 9635 0701 1555 = =  
67D UT3 TTA 3U6 3A4 TT4 773 353 U46 35A 4AD  
445 466 4D6 3DU TT5 773 353 U46 35A 4AD 445  
466 4D6 3DU TT6 773 353 U46 35A 4AD 445 466  
4D6 3DU TTD 773 353 U46 35A 4T7 N3D 4A7 445  
566 4D6 3DU TTN 773 353 U46 35A 4T7 N3D 4A7  
445 466 4D6 3DU TAT 773 353 4A7 445 464 4D6  
3DU TAA 773 353 4A7 445 466 4D6 3DU TAU 773  
354 373 4AD 445 466 4D6 75D 4D3 3DU TA3 773  
354 373 4AD 466 4D6 75D 4D3 3DU

MSG AGN NR 547 CK 9635 0701 1555  
67D UT3 TTA 3U6 3A4 TT4 773 353 U46 35A 4AD  
445 466 4D6 3DU TT5 773 353 U46 35A 4AD 445  
466 4D6 3DU TT6 773 353 U46 35A 4AD 445 466  
4D6 3DU TTD 773 353 U46 35A 4T7 N3D 4A7 445  
566 4D6 3DU TTN 773 353 U46 35A 4T7 N3D 4A7  
445 466 4D6 3DU TAT 773 353 4A7 445 464 4D6  
3DU TAA 773 353 4A7 445 466 4D6 3DU TAU 773  
354 373 4AD 445 466 4D6 75D 4D3 3DU TA3 773  
354 373 4AD 466 4D6 75D 4D3 3DU

AHR MSG AGN NR 547 CK 963 17035 0701 1555  
67D UT3 TTA 3U6 TT4 773 3AD 353 U46 35A 4T7  
445 4D6 3AN 353 U46 35A 4T7 445 466 4D6 TT5  
773 3AD 353 U46 35A 4T7 445 4D6 3AN 353 U46  
35A 4T7 445 466 4D6 TT6 773 3AD 353 U46 35A  
4T7 445 4D6 3AN 353 U46 35A 4T7 445 466 4D6  
TTD 773 3AD 353 4T7 44U N3D 446 U67 4D6 3AN  
357 373 4T7 447 4D5 75D 4D3 TTN 773 3AD 353  
4T7 445 N3D 446 467 4D6 3AN 357 373 4T7 446  
467 N3D 447 46D 4D6 75D 4D3 TAT 773 3AD 353  
4A7  
III  
N3D 4UT 445 N3D 446 467 4D6 3AN 353 4UT N3D  
4AD 446 4D6 TAA 773 3AD 357 37U 4U4 445 N3D  
44D 46N 4D6 75D 4D3 3AN 357 37U 4AD 44D 46N  
N3D 447 4D6 75D 4D6 TAU 773 3AD 357 37U 4AD  
445 4D6 3AN 357 37U 4AA 445 4D6 TA3 773 3AD  
357 37U 4AD 446 4D6 75D 4D3 3AN 357 37U 4AD  
446 4D6 75D 4D3

MSG AGN NR 548 CK 17035 0701 1555  
67D UT3 TTA 3U6 TT4 773 3AD 353 U46 35A 4T7  
445 4D6 3AN 353 U46 35A 4T7 445 466 4D6 TT5  
773 3AD 353 U46 35A 4T7 445 4D6 3AN 353 U46  
35A 4T7 445 466 4D6 TT6 773 3AD 353 U46 35A  
4T7 445 4D6 3AN 353 U46 35A 4T7 445 466 4D6  
TTD 773 3AD 353 4T7 44U N3D 446 U67 4D6 3AN  
357 373 4T7 447 4D5 75D 4D3 TTN 773 3AD 353  
4T7 445 N3D 446 467 4D6 3AN 357 373 4T7 446  
467 N3D 447 46D 4D6 75D 4D3 TAT 773 3AD 353  
4A7  
III  
N3D 4UT 445 N3D 446 467 4D6 3AN 353 4UT N3D  
4AD 446 4D6 TAA 773 3AD 357 37U 4U4 445 N3D  
44D 46N 4D6 75D 4D3 3AN 357 37U 4AD 44D 46N  
N3D 447 4D6 75D 4D6 TAU 773 3AD 357 37U 4AD  
445 4D6 3AN 357 37U 4AA 445 4D6 TA3 773 3AD  
357 37U 4AD 446 4D6 75D 4D3 3AN 357 37U 4AD  
446 4D6 75D 4D3

AHR MSG GA NR 14 CK 4649 0701 1700  
ADD 6D4 DA6 A4D 5TA TU7 DD6 6AA D36 U46 DA6  
AT5 3NT DNU UNU DUU DU5 U5T DNU DDT DUU D56  
6TA D36 U46 DA6 AT5 35T DNU U6T DUU DU5 ATA  
DNU N5A DUU DD6 D76 66T UUT 6A6 D46 N5N 4T6  
3AD D46

AHR MSG AGN NR 14 CK 4649 0701 1700  
ADD 6D4 DA6 A4D 5TA TU7 DD6 6AA D36 U46 DA6  
AT5 3NT DNU UNU DUU DU5 U5T DNU DDT DUU D56  
6TA D36 U46 DA6 AT5 35T DNU U6T DUU DU5 ATA  
DNU N5A DUU DD6 D76 66T UUT 6A6 D46 N5N 4T6  
3AD D46

AHR MSG GA NR 549 CK 4651 0701 1500  
6T4 6T6 TUU N5A 6TA TT3 6TU 7TT TT3 6T6 6AT  
TA4 6T4 D5D D57 N3N 6A4 A3U 6A5 ANA 6A6 N7T  
6A7 T3T NUD TT6 DAA 6T4 DAU D47 DA3 633 TTD  
7N3 635 4A5 63N 636 6A4 UAA 6A5 ATU 6A6 N6U  
6A7 T35



AHR MSG AGN NR 549 CK 4651 0701 1500  
6T4 6T6 TUU N5A 6TA TT3 6TU 7TT TT3 6T6 6AT  
TA4 6T4 D5D D57 N3N 6A4 A3U 6A5 ANA 6A6 N7T  
6A7 T3T NUD TT6 DAA 6T4 DAU D47 DA3 633 TTD  
7N3 635 4A5 63N 636 6A4 UAA 6A5 ATU 6A6 N6U  
6A7 T35

AHR MSG GA NR 545 CK 8035 0701 0645  
67D UT3 TTA 3U4 3A4 TT4 773 353 4AD 445 4D6  
3DU TT5 773 353 4AD 445 4D6 3DU TT6 773 353  
4AD 445 4D6 3DU TTD 773 353 4T7 446 4D6 3DU  
TTN 773 353 4T7 446 4D6 3DU TAT 773 353 4T7  
N3D 4A7 446 4D6 3DU TAA 773 353 4A7 446 4D6  
3DU N3D 3D3 TAU 773 354 U46 353 373 4T3 445  
4D5 75D 4D3 3DU TA3 773 354 373 4T7 446 4D6  
75D 4D3 3DU

MSG AGN NR 545 CK 8035 0701 0645  
67D UT3 TTA 3U4 3A4 TT4 773 353 4AD 445 4D6  
3DU TT5 773 353 4AD 445 4D6 3DU TT6 773 353  
4AD 445 4D6 3DU TTD 773 353 4T7 446 4D6 3DU  
TTN 773 353 4T7 446 4D6 3DU TAT 773 353 4T7  
N3D 4A7 446 4D6 3DU TAA 773 353 4A7 446 4D6  
3DU N3D 3D3 TAU 773 354 U46 353 373 4T3 445  
4D5 75D 4D3 3DU TA3 773 354 373 4T7 446 4D6  
75D 4D3 3DU

ZNN SK

**4243//9054 kHz, 02-07, 1144 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243//9054 kHz, 02-07, 1147 UTC, M95: CW**

VV HR MSG TO YR PSE CY  
NR 057 CK 39 35 0702 1551 =  
5AA UTT TTU 3U6 3A4 5T7 5TD 75U 353 U4T  
354 DN7 36T 4TN 445 3DA 4DD 5TN 75U 353  
U4T 354 DN7 36T 4TN 445 3DA 4DD 5AA 75U  
353 U4T 354 DN7 36T 4TN 445 3DA 4DD AR  
A HR MSG GA  
NR 04 CK 138 35 0702 1553 =  
UTU TTU 3U6 3A4 TTU 773 353 U4T 354 DN7 ...

**4364//8073 kHz, 02-07, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 messages**

**4364//8073 kHz, 02-07, 1140 UTC, M95: CW**

V BNGC (x3) DE XSV85 (X2)  
HR MSGs GA PSE CY  
NR 0489 CK 287 35 0702 1615 =  
TTU 3U6 3AN 3U7 TAU 773 357 373 4T6 NN3 ...

## MC03 - Chinese Air Defense

**7522.5 kHz, 14-07, 0600 UTC, i.p.**

ANA UAAAU7 UNTN577 TNT TN =  
ANA UAATTT UADTDU4N T65 TN =  
ANA UA6UT4 TTAA7NA T5T  
ANA A4AT =  
ANA AUT5T3 45TT757 T75 AA =

**5089.5 kHz, 14-07, 1200 UTC, i.p.**

ANA UA5DUD NDAANAA AA3 54 =  
ANA UAA57U UDTDU63 T6D 54 =  
ANA 4TUDNT 35T53A7 AT5 56 =  
ANA AA64DT TAA3335 ATN 56 =  
ANA 4TADTN 35TNUAU ATN 56 =

**5731 kHz, 14-07, 1259 UTC, i.p.**

TNU DATD7 5N =  
TNU 73TD5 5N =  
TNU 66TD5 TT

**6167.5 kHz, 18-07, 0700 UTC, i.p.**

ANA UAA577 U7T754A T.7 4N =  
 ANA TUTTNN 45T6U7. TD. 51 =  
 ANA UA6N4N TUA576U AAU 53 =

**4308.5 kHz, 19-07, 1200 UTC, i.p.**

ANA 4TUN44 45ATA77 AAT TN =  
 467 UAA3DU UDTNUAA TU5 UA =  
 467 UAA3DN UDTN464 TU3 AT =  
 ANA A54Z5D 3ATN7AUU TU3 AA =

**4308.5 kHz, 19-07, 1302 UTC, i.p.**

ANA AA5UU7 TTA3DUA ATD 5DU  
 ANA UA5NND DT5DAD AA5 57  
 ANA UATUDA A6NT7ND TUA 57  
 ANA U64UAN UT3DD3 AAT 57  
 ANA AA5UU7 TTA35 ATN 57  
 ANA UA5NND N5T44AA TAT5 5D  
 ANA UATU4U AAAT

**Other frequencies noted:**

Day: 8810 kHz and night: 8960, 8484 kHz

**UM04 - PROMRÖ**

Still active but mostly too weak to copy

**DIGITAL MODES****HM01 - Dirección General de Inteligencia****11435 kHz, 01-07/21-07**

Groups: 02645 71263 10775 07442 68501 41811

Files: 50360264.F1C 22067126.TXT 42571077.TXT 80270744.TXT 52746850.TXT 23554181.TXT

**11435 kHz, 22-07/31-07**

Groups: 02644 71262 10774 07441 68501 41811 (repeat of 30 June)

Files: 50360264.F1C 22067126.TXT 42571077.TXT 80270744.TXT 52746850.TXT 23554181.TXT

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

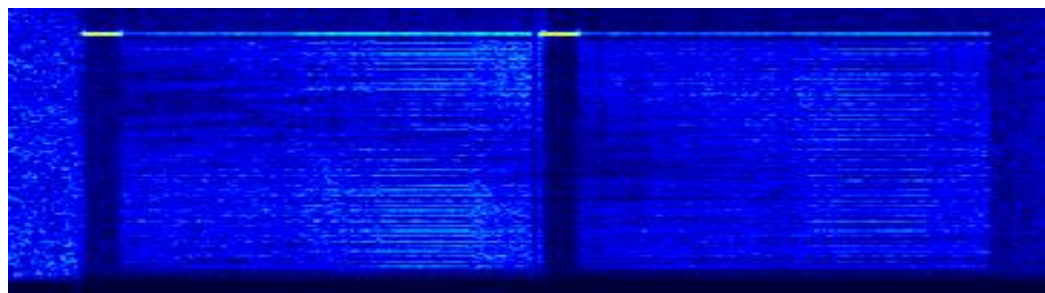
M42 – various modes

**Domestic OFDM schedules**

Monday, Friday 0630z	OFDM-112: 14643 kHz Moscow <> Chita 15930 kHz
Wednesday 0830z	OFDM-45: 15860 kHz Orenburg <> Chita 16310 kHz (Also active on Tuesday (July 26 <sup>th</sup> ))
Tuesday, Thursday 1000z	OFDM-45: 12164 kHz/15704 kHz Moscow <> Chita 13373 kHz/14434 kHz (Changed to 14441kHz on July 28 <sup>th</sup> )
Tuesday, Thursday 1000z	OFDM-45 13540 kHz Orenburg <> Moscow 12087 kHz

17458 kHz, 27-07, 1049 UTC OFDM-45 already in progress (picture below)

16305 kHz, 28-07, 0901 UTC OFDM-112 already in progress



Last month (N&O 297) we published an incorrect F01 message. There was a splitting error in the message which resulted in wrong groups. Here is the correct version.

**11487/9376/7591 kHz, 14-06, 1015/1025/1035 UTC**

98468 87582 93986 88798 94927 01342 14551 22640 80070 10943  
 02985 71916 86891 71758 63167 66161 88716 53711 36198 43256  
 11940 48717 56339 22936 72303 95801 95352 22188 20635 53578  
 43644 54732 09009 74777 01663 81774 13249 62518 79991 06211  
 72718 12999 31572 27482 33326 74305 64486 99258 04707 76019  
 08750 57142 67480 09317 35544 08578 91566 62236 52327 02160  
 51454 39817 22262 18519 49391 23787 81395 49978 82421 51481  
 52034 61169 14200 18700 75744 47788 37542 36165 14420 35687  
 38620 94291 92854 87485 98767 15933 81256 94087 00000 00000

72630 98636 66958 74433 38344 01538 15523 99567 35638 46412  
 33373 63539 65726 31099 43569 25963 23233 86512 64619 74076  
 92869 53757 64817 38196 45420 57830 99493 21708 06490 45090  
 67114 25310 96438 76681 45159 70173 64942 95109 91732 49719  
 68630 06140 23823 64692 65210 43223 08172 21231 22555 06625  
 25668 96603 66147 94446 95217 02319 13360 67736 68029 99273  
 67972 16861 28240 44649 73394 21341 60830 75234 48008 20328  
 72756 56852 51079 35910 78253 54593 52676 16447 84226 03543  
 06024 92100 36680 84671 45739 59769 14118 35600 60389 39596  
 78859 50908 12791 95093 00000 +++++

**F01 – FSK 200/500**

**14829/12214/10932kHz, 06-07, 1840/1850/1900 UTC**

Null message. 5761 00000 +++++ +++++

**11068//13392/15747 kHz, 07-07, 1100/1110/1120 UTC**

72380 31924 35917 56138 27886 11632 39409 68587 16141 38325  
 76818 59626 12676 34649 61345 70129 71258 91384 31637 92053  
 20198 67739 46981 13107 29458 45631 52500 11519 28251 36428  
 06567 61847 77809 63555 87609 37750 29023 69423 22500 22678  
 19622 20108 03707 64404 90608 06227 87413 34351 26597 63436  
 89776 77626 49787 61006 23514 64730 22222 31883 42016 80853  
 36044 42711 83163 13715 96421 27221 30038 25867 26844 31439  
 30717 22419 51458 44150 44336 50099 34155 11054 05611 88606  
 79073 56041 24998 20188 22222 58051 66695 88367 68895 56921  
 71659 81781 56589 86680 17823 04046 48080 59723 34721 15593  
 84374 50303 14683 58424 52212 50773 87806 99704 45794 99020  
 52886 55148 27456 00534 81476 78121 16934 93532 37304 25410  
 63949 30599 78184 35580 83770 75258 32654 80876 60455 36931  
 68493 78597 47453 92704 95332 72869 20261 69358 68530 22780  
 60817 84080 86502 57792 78321 67313 98703 86378 96165 16166  
 66432 68816 59665 51828 43661 90087 44286 79428 70075 93803  
 69035 73772 93500 63108 44728 39391 63913 59491 11794 18350  
 66229 55446 47327 44248 84036 21918 46065 65839 11481 56467  
 04974 88732 55482 63104 66139 08585 95468 19707 97643 34237  
 92819 93986 17118 24239 67201 93919 87662 85174 81986 63590  
 40811 05257 05943 60385 06238 21600 43376 74464 52889 44635  
 49923 76464 71228 88077 76170 04357 51279 77907 06300 25403  
 36165 24221 00000 +++++

**11141/9192/7363 kHz, 01-07, 1015/1025/1035 UTC**

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

**11141/9192/7363 kHz, 04-07, 1015/1025/1035 UTC**

36552 25463 08048 44048 29121 53179 58781 97434 89464 96069  
 49705 87436 81513 92225 38438 12964 28908 80223 94793 82726  
 48408 84959 23697 98573 10366 38737 64374 20185 05932 36046  
 57997 72047 25681 45468 00974 78655 79363 27156 26069 38868  
 11450 29308 78546 75368 92159 62088 79516 20152 88677 72427  
 93682 21994 46223 68133 43659 86823 33673 64765 38073 86946  
 33428 53690 05612 00051 80196 14774 52219 63938 78396 22136  
 83625 57917 52859 16409 60392 46786 12518 41940 77670 48361  
 31773 72372 86844 10467 79223 73036 01272 08348 48445 73604  
 53272 98417 70509 49433 94597 89302 12930 35028 57524 16096  
 94714 18087 18793 28788 72227 87535 33563 30779 75535 34015  
 31568 28438 99929 26238 92678 77624 82309 11668 44032 38133  
 17120 14951 45946 71970 91528 32539 58779 46431 44522 46941  
 07939 27890 79621 09040 89224 77249 85898 61915 81686 82999  
 46972 04610 60193 92792 42696 19266 24891 29510 73193 10090  
 89751 02730 59950 27561 97381 51536 03651 76336 52295 79628  
 03429 30286 89829 68643 67238 03088 22887 80634 68029 47836  
 33708 85659 25399 84082 02839 75396 17434 75761 92503 48728  
 52400 08428 26551 80250 55000 39255 34177 07611 46854 18215  
 49597 98647 25915 03898 84872 84242 74495 22387 18059 67835  
 50591 42649 63881 47538 42201 66855 19113 11784 89314 59090  
 99849 94446 03268 60868 12868 00371 38145 66915 28245 37253  
 93928 59628 45448 14804 56062 25675 70058 97136 01136 03156  
 43331 19310 23367 32767 91774 03974 61574 11412 88933 39054  
 31326 71681 46576 02395 91944 35661 77447 44328 03075 16486  
 96808 64083 50478 66089 54922 40977 45762 92577 17689 06337  
 29716 95674 37608 67075 33951 93667 82267 16869 80529 40298  
 12535 95864 24265 55026 27640 84864 67395 15117 19351 44924  
 01291 82975 02405 38284 54918 67178 13410 91606 54719 40629  
 95378 87416 25605 64287 10106 94715 87751 89888 45554 74687  
 28886 40124 10459 22439 56744 89680 33313 30713 61392 95611  
 07950 86519 42106 50453 52883 36602 78475 56533 76610 82695  
 50450 44915 66055 92511 36983 87398 40353 37374 47988 75030  
 37140 92456 69280 61559 23564 60560 25185 95259 49178 05356  
 88525 87581 82930 05041 92647 92050 01406 62344 25192 91858  
 20537 31812 08285 19583 87959 50322 94844 57477 78191 81756  
 35695 91757 57842 11765 97157 19340 13019 53577 33824 30444  
 56133 50774 46192 15527 54290 87976 77855 69964 46445 45382  
 31921 94917 41516 58082 11365 17843 14642 66108 12996 81054  
 43775 66132 29716 71796 53791 00766 40778 92260 60305 46399  
 94709 92973 30384 85509 14607 18009 02339 74375 80479 35450  
 31789 42148 68326 51539 56184 82198 50646 31969 94966 21694  
 88055 78722 27569 80332 66709 12425 00000 +++++ +++++

**11141/9192/7363 kHz, 05-07, 1015/1025/1035 UTC**

66427 46317 52223 77033 17569 27971 70207 15459 51713 06342  
 88080 73877 83897 41833 09001 48821 75464 09597 25891 65715  
 32620 11051 72771 04314 77350 47215 85183 69540 45390 27298  
 36875 43684 90923 10972 44945 80871 02723 07789 60636 29764  
 61385 82147 87953 95424 92386 37276 97306 76266 94610 76650  
 26361 37050 49059 66290 85274 03846 37426 46378 08531 91908  
 25220 65628 20527 02401 89128 36842 07128 48899 93302 37103  
 10361 99627 44261 01027 88447 46344 79089 80527 08346 35830  
 66633 69513 63007 24914 26363 16966 30529 44966 94600 76841  
 17381 13091 00000 00000 00000 00000 00000 00000 00000 00000

27839 71169 44273 95408 20878 30821 86600 86265 65701 79802  
16683 66755 39537 10875 06407 11709 68556 90019 36346 52304  
25130 36492 64759 64758 90030 27571 20105 76695 03015 45208  
03041 20875 50213 06764 08830 90969 61788 47000 06096 79086  
18271 43547 32855 99711 89029 02998 95786 29763 51314 49848  
83648 19453 63288 85446 30798 53633 89518 09158 91749 68317  
02330 18916 12694 52064 07489 33365 10945 86918 67627 02763  
98217 08581 21876 00847 08701 90511 25104 14842 17849 81641  
55246 75800 62838 52389 62121 96464 00612 28662 56197 08830  
64468 18533 60730 14093 00000 +++++ +++++ +++++

**11141/9192/7363 kHz, 06-07, 1015/1025/1035 UTC**

28275 84898 86319 75886 15744 98711 74732 99752 69380 64889  
27925 38860 38739 21318 60888 70969 01663 77403 96611 65783  
55464 38729 33089 38745 79686 89608 99887 52601 37639 69506  
83941 65143 08881 04223 29279 46586 69856 77821 40361 15013  
64866 56198 43721 63322 34543 98262 87594 76113 94049 15648  
84216 59956 78166 66890 24494 35475 95454 97027 19722 64684  
58702 58538 50038 12020 83810 74566 24307 62496 74341 30373  
81110 45429 33885 03943 85546 37167 73452 71694 01516 41258  
06073 50217 44172 69500 45790 59991 42258 72304 53231 22010  
64968 91817 94959 23250 93066 36226 08766 11933 38922 98703  
92125 08504 45162 69407 55966 43268 16622 13997 10973 56638  
65285 17077 78589 22897 72904 14032 43918 83450 00971 59673  
92702 00481 02755 07134 99572 66949 17066 95464 59761 33889  
48454 69354 81447 40911 63509 79415 80950 60880 57978 36473  
47922 94684 74352 18302 72768 77034 74646 52231 53448 79246  
98030 22079 23864 19927 58018 72827 71016 19506 58889 11501  
33120 59561 36044 27661 95861 32857 49959 81984 28992 95048  
88461 36324 30431 53985 56974 23729 70092 57539 61447 81838  
50588 65923 13650 98083 27027 19400 13511 40156 53076 37354  
88202 70160 45482 09642 92646 65896 84232 66164 01130 97706  
90556 35604 44730 34336 49942 29254 74223 76219 72354 10884  
53168 39659 06858 38584 10854 40313 52814 89511 09797 49440  
34853 03488 07484 21336 33797 06384 17029 15394 90735 99220  
96451 61239 26425 23942 21253 40362 43211 41768 19984 82692  
01664 85102 77482 01559 89092 68897 35479 15453 22160 72437  
45253 30061 50756 27467 52024 78978 55329 73602 15772 46553  
54862 66974 98168 21300 67686 53016 70314 53314 92305 39367  
20953 14134 00438 29792 69876 82467 59436 05094 16177 04254  
26313 61916 76067 00465 80511 45411 89924 21104 87652 36678  
03266 68833 11414 80935 51338 40668 15745 67348 02008 61170  
24606 96451 36640 05588 31409 96112 73646 36376 75349 71964  
64409 01527 26832 03248 16243 68157 49155 20003 22103 89789  
28657 22550 01716 30760 90505 29179 83826 96189 42317 63019  
84242 40967 12806 13988 59366 56165 77621 36787 39906 56340  
89601 70865 74451 16147 55590 93293 37592 29709 27036 40490  
82285 91175 96542 59721 41139 19915 17564 76341 06318 78768  
89432 87672 42738 58806 74908 19502 14266 29036 42433 06099  
27577 74474 50277 79712 23389 71051 14773 80480 69741 70751  
29816 22678 37013 95464 29823 78259 59366 62949 13330 63620  
12304 93372 69432 40515 61027 69852 74234 67082 59285 51434  
49513 59895 03395 15403 00000 +++++ +++++ +++++

**11141/9192/7363 kHz, 07-07, 1015/1025/1035 UTC**

02853 46895 21776 30198 70737 32320 93258 81192 52491 69420  
92592 07859 40024 99072 05774 23270 89097 27110 72103 49577  
13776 15333 32976 30755 93866 37459 05395 68872 00035 23453  
97360 69836 66284 40673 07360 09549 64488 85271 75114 56411  
60653 82285 75784 11115 57619 17858 74828 49648 53864 52024  
85681 80471 73109 85504 97460 51786 44420 78932 64876 69838  
37478 47970 77539 14194 82712 82731 50846 16067 00000 00000

31577 50516 47039 53064 96661 89054 83340 42757 36719 00741  
65845 11097 34743 58714 26144 20505 00181 71910 92384 04086  
35336 10812 86778 96889 10462 76653 40386 53610 70979 31280  
11131 82393 25263 29827 15968 49442 86433 23421 13158 34115  
66592 24100 95567 39198 46927 49108 80947 86038 72142 86792  
10121 49234 42642 51253 89016 10556 02900 17962 35491 36798  
49462 57515 16869 11243 07017 09733 89148 73424 45963 65261  
73799 46881 39927 46892 33102 59585 86652 07776 29952 86733  
40712 88715 83078 70588 31466 01727 53615 97063 64720 32061  
23949 33725 31506 75870 54789 58914 72432 55702 31411 36667  
71037 81017 34980 17126 74580 45912 99921 67119 65723 17109  
00000 +++++ +++++

**11141/9192/7363 kHz, 08-07, 1015/1025/1035 UTC**

Null message. 5761 00000 +++++ +++++

**11141/9192/7363 kHz, 11-07, 1015/1025/1035 UTC**

79491 58807 38032 85506 95166 07688 30179 61041 27228 41787  
78912 42268 53088 29391 06780 22559 17808 61790 75201 08795  
29694 25035 11955 02539 84907 16696 63758 06688 19503 99839  
34885 62316 12357 11396 97756 45368 87404 67110 86438 77907  
88632 30258 08990 33606 26269 36327 39596 42155 17595 90833  
76424 22293 70822 82477 76136 98127 85484 78817 01006 78460  
67757 96645 39563 03769 84165 64265 86714 90562 02104 17846  
94281 27792 90611 99048 27868 04989 79843 46109 91033 76834  
02657 95565 02676 93845 66780 36818 38576 53853 30978 86706  
73045 53977 83654 76296 81605 47772 47345 67061 90637 37238  
57514 38642 84946 54382 89111 15381 09169 12017 29326 23812  
23972 28488 19953 98289 02968 56010 17847 76959 81291 67309  
46861 55243 91778 80246 39742 89023 49674 25126 93389 64742  
71817 84358 85947 78558 41233 59180 29139 91793 53075 43108  
54294 54824 02852 06821 55507 16620 02874 24156 38366 62119  
37865 93903 47675 44619 95669 37091 72626 05372 33991 74441  
52851 97578 69108 13699 33780 56968 97504 01501 44764 86135  
86332 19489 98388 44846 93675 29349 34406 63483 04530 96462  
56744 21826 93441 46856 37020 60341 49745 37143 82981 16197  
26339 42141 95347 01155 97929 89845 61446 63556 39687 98468  
59119 01567 62249 95199 69312 19892 64010 21403 20795 47121  
86635 53924 15450 55919 84726 97199 07559 53226 45595 25852  
35540 32669 20067 82460 29558 06367 50260 60199 43447 58319  
05267 25025 84398 86563 60695 57094 38830 26286 82984 16125  
17887 71084 04451 60347 71011 34555 99988 73780 41018 19406  
01371 81474 59099 86270 10085 57448 03224 39422 94641 54972  
68344 71568 83294 13919 21860 34911 88103 24839 42769 30668  
21288 54469 67952 34238 89800 62351 94025 98198 79060 63255  
08187 00321 61786 15085 46516 28795 92863 36965 03149 21843  
76180 87188 38763 03927 14384 55716 61823 85708 77471 50910  
81019 19987 51175 85202 52329 30759 51070 89365 69145 57628  
13336 10094 68914 82728 98119 70565 54714 32349 66437 98684  
55201 70462 16544 52687 71388 26327 90709 98792 83670 23369  
88354 20599 17535 01507 46461 64904 91413 50137 73209 53635  
95089 93936 45770 16580 72117 98696 08209 24614 04676 89353  
30405 28093 24308 97425 13961 30116 96972 80018 56008 49337  
55847 77614 06876 52009 80330 02804 82525 57968 44667 77175  
17728 50215 84639 58527 70884 42808 55769 25605 16457 86738  
81448 12540 85925 18488 14463 10192 43224 80939 60325 76561  
05583 71350 35859 23483 45717 96055 61482 71765 36308 36597  
10612 91987 22701 56975 64639 73115 34759 06686 46909 86145  
73827 99262 34140 18413 00000 +++++ +++++

**11141/9192/7363 kHz, 12-07, 1015/1025/1035 UTC**

55904 45658 53403 03826 23543 30680 86773 82596 30026 91366  
57266 98777 71602 13051 86930 14542 93774 71454 70462 58811  
93386 86905 65043 70203 02067 85293 13868 08419 11953 70452  
26804 51287 29643 37655 66615 19636 69306 82907 14191 97178  
20884 87735 11213 37622 54336 84141 03709 76148 45856 29431  
34913 87500 36992 45581 60885 57817 62623 02859 87325 62441  
08714 52354 51007 66863 85796 37133 94287 92999 29110 36688  
06116 17990 61341 24383 27981 19075 00000 00000 00000 00000

93317 10644 72274 39645 18595 78911 08876 28142 34536 55886  
29991 64458 17366 14074 30071 55389 48789 75640 63179 62437  
67251 62475 62077 40991 82580 63154 41786 01868 02450 58981  
98549 49903 44085 76304 40157 79286 29676 57284 08539 30315  
88899 66308 80594 37260 17028 74242 58173 22047 62028 87687  
83160 13404 39105 15466 38589 96201 96129 89475 21732 20654  
78373 82150 00105 26061 66007 87677 86305 58798 82783 59168  
92656 89231 99350 18986 51551 57241 79636 84396 12475 01049  
43729 75739 51617 49033 45705 99309 55017 79220 89832 22131  
61186 76140 33596 80812 74141 20095 00000 +++++ +++++ +++++

**11141/9192/7363 kHz, 14-07, 1015/1025/1035 UTC**

44562 72986 19712 31079 75185 49845 07781 15596 45080 68203  
05628 43201 15496 84873 25118 87269 98501 61150 52484 52757  
62885 36068 33369 95207 97968 89217 05641 78539 71266 72792  
78385 63781 40929 17563 80533 45959 08913 42470 27556 81309  
25809 22508 79660 72013 83265 94606 89927 00642 54949 06184  
65832 31490 71983 36061 92571 20999 43783 42433 91659 04437  
60254 17571 13200 51053 36264 53956 85296 04864 84344 51525  
69029 53270 26549 20712 92431 90708 81407 60988 61906 69489  
86922 19565 74531 55047 45533 59972 79668 27763 01985 95181  
63334 98556 90057 64963 53761 30441 09072 62181 71586 83219  
16117 37690 73107 23509 44943 38537 60042 67292 87448 59152  
54226 47170 98705 10217 60699 21512 11452 34890 67595 67685  
70998 27090 56296 26559 26485 31511 20272 90457 39417 30070  
16052 51766 95427 44460 94758 54365 30198 09515 87655 15083  
05480 97046 44121 07354 96145 94876 45515 24280 74219 70714  
43353 63265 00813 75597 95242 99419 61907 66566 96998 39928  
08929 53262 34402 76557 90038 98140 03014 78494 83083 24990  
69498 92709 66151 15430 72886 44021 86651 98090 89218 52060  
14879 60156 08004 07310 92976 35956 93929 73423 15257 52295  
32268 07992 00798 35213 81411 18957 44273 07851 80965 98861  
55930 34122 88858 04116 26678 87873 45882 71467 79196 52221  
91116 88872 91035 78741 76671 62944 00605 61228 55176 50171  
32029 03676 38470 44098 99777 87190 50914 35641 79017 65521  
25770 88746 52633 43880 18088 98557 70836 20763 32529 24300  
84315 97440 89574 14052 36855 84807 78542 63602 28371 62292  
70865 76574 84283 68498 92057 18011 92183 28274 75808 78601  
91720 45895 48645 91739 28648 19046 18599 70602 08966 53294  
66311 57437 14104 81735 62021 02244 63070 19504 56867 13031  
32514 07836 21943 44855 70639 27366 33546 19806 65895 85355  
28056 95139 56394 06530 74872 21745 90994 82216 40869 60130  
77969 57476 44775 46112 82222 60903 24949 23406 56970 06794  
68957 85291 20834 24360 78414 92552 16281 93693 67513 59871  
10352 93138 18678 27869 23611 87792 43794 62978 98252 13799  
24435 52333 41310 38132 29529 85868 03894 98556 33912 42811  
82413 53450 86187 24757 52693 96179 99351 02515 72952 13710  
62598 68907 16559 94141 97760 14719 20509 12866 08818 69970  
60569 52013 97899 77718 89014 32894 46246 92562 95902 66116  
83526 21041 79814 49063 93994 46110 39017 65421 32885 02903  
18963 66455 51504 97927 77080 38693 54452 88927 50784 87742  
37409 67560 39648 92891 78926 12104 37674 12211 84657 02366  
76595 42821 07472 13992 66155 66030 91878 34350 42294 32024  
16211 67191 59183 63782 30996 18258 86046 84936 16962 79048  
94699 01230 11101 50903 48760 90280 74240 76617 30438 79340  
98561 21431 00000 +++++ +++++



**11141/9192/7363 kHz, 14-07, 1015/1025/1035 UTC**

48231 16717 18293 63646 11384 48028 11493 07295 90042 04235  
11277 20954 37029 57515 93937 38118 54946 71550 06181 08795  
51232 45515 28815 36707 17912 81598 58116 04871 53246 62003  
34558 37993 67464 46346 73592 75122 39766 25418 78164 50987  
18774 92217 37662 09470 83641 16216 42969 97643 07985 31776  
72325 13809 93835 76675 27673 07982 67805 41656 26176 58248  
56638 16954 76609 71449 84346 46736 95294 81605 58123 27388  
41273 44542 35202 10577 75406 52145 87864 97052 73092 14671  
08787 32094 45274 84575 23894 22085 00000 00000 00000 00000

90619 09827 35883 42760 17558 05847 04940 44437 66022 39105  
78546 12232 19728 60866 51480 87295 95724 87904 40209 89917  
60288 50692 67570 61713 33574 85431 66702 03993 75232 30876  
87892 35762 68166 15876 85038 19796 42625 48576 95418 30205  
07808 43222 27438 59949 83187 45489 26061 91736 46720 42298  
86600 80722 42136 67027 24563 22480 12508 36084 02228 04650  
52265 77750 16653 65725 94865 39264 78797 09401 78285 83045  
38441 47924 55540 08034 34591 72893 42407 23077 00000 +++++  
+++++

**11141/9192/7363 kHz, 15-07, 1015/1025/1035 UTC**

Null message. 5761 00000 +++++ +++++

**11141/9192/7363 kHz, 18-07, 1015/1025/1035 UTC**

73798 63278 61713 18764 01871 98978 78921 08410 18414 74731  
80213 14111 76234 75940 74408 64025 11412 34430 52837 50810  
42283 92164 51660 61987 15025 97870 78744 33061 62995 72510  
84777 21829 72033 04539 83298 27322 68910 60885 49357 01809  
75101 24592 51461 29307 93088 95052 96516 69030 17363 11786  
92444 87224 87323 87681 58162 25809 24259 62657 35610 81275  
19598 13658 83520 92285 66619 81950 57612 59387 52801 03632  
06902 45301 55005 54301 40803 29213 04685 43829 46733 13505  
15290 22161 62876 06369 89077 82098 35825 28729 45496 69981  
17766 18930 38344 40226 82899 33602 53882 14642 67797 68169  
07096 32480 65360 45416 78278 02129 27085 45554 57152 90421  
53317 76244 86673 10467 76178 05984 23754 93958 64860 09312  
59047 58895 07963 97281 63018 08648 52582 31606 50460 23304  
04808 45943 80658 29252 21352 22747 35389 57907 46964 99121  
41934 29545 77341 00110 33309 23174 52213 22874 62872 18365  
08292 20181 15535 20011 46766 56651 82722 01918 95044 36186  
93304 30190 67411 24042 17667 52335 54308 11951 87113 63028  
94910 99763 95786 82477 12690 92019 77302 08318 18654 32906  
73268 26987 11959 28024 35894 95502 32552 26420 31866 29595  
45577 61297 39677 59116 62186 72864 57611 36678 26473 61745  
64544 10451 23208 46395 00778 97055 86058 22960 61074 15495  
10987 51009 17087 68053 04510 13590 11373 79110 21509 25034  
90173 27801 72284 84953 67155 35460 03526 01872 35293 93791  
82901 34911 69084 44692 41950 26993 84286 47683 56957 27977  
47355 95865 72509 31175 51786 66357 97406 71690 03530 16132  
27639 59999 82681 59217 76080 49232 73626 86163 13634 59585  
80827 11749 51462 08291 72451 61835 19046 18594 19007 35325  
17709 06178 19191 02153 54332 66459 30138 23253 84926 11201  
44239 03432 22755 27886 79739 13090 90694 60274 77290 39730  
22527 33593 19642 55188 42837 72790 16674 09524 80214 87300  
22943 87505 93445 20736 79937 88639 15380 88976 00225 16659  
44155 55058 35685 89434 36484 14327 97009 05227 82666 88281  
16662 26224 68036 50540 72475 65306 50519 33379 14093 86963  
08989 88274 59414 58316 42115 98884 53264 11174 22387 69906  
05443 01055 34993 40261 50364 74128 56266 94017 95464 77999  
51349 67520 50565 77275 95803 76138 55381 59865 50815 09087  
47361 44923 46715 65744 37051 28409 54477 31919 83154 27166  
49902 19492 84501 07483 00153 17872 31089 09064 27351 30713

81392 00340 28909 96316 58140 26075 59283 15161 79723 33188  
02844 33008 69447 85736 92550 52997 09795 04997 54104 75199  
33901 95586 80286 87035 71421 43548 65157 53015 90980 97352  
52803 77235 06392 67744 80322 24415 00000 +++++ +++++ +++++

**11141/9192/7363 kHz, 19-07, 1015/1025/1035 UTC**

76645 13372 20221 20181 21737 29132 43413 22449 86372 27677  
57391 20769 30970 69850 35195 99465 47737 44604 36114 02612  
70192 60325 81066 04698 95276 99153 42927 56013 79000 38969  
75232 19918 91564 72747 27702 44204 42895 79965 22013 33716  
14514 29745 86266 16436 58711 20420 71584 20211 50926 85221  
99267 02311 06298 18758 11969 99009 96304 03989 27290 87369  
26448 44371 17279 76422 60902 30871 62223 69929 05078 98520  
52212 67917 82029 52224 34880 99165 63655 66479 32787 01838  
42609 88715 78859 94451 55883 00936 43340 04360 95979 19342  
50671 25091 00000 00000 00000 00000 00000 00000 00000 00000

27447 94259 48937 59481 93528 73068 55583 08757 85270 84289  
02650 40992 41400 91939 37148 00883 08609 20572 12295 81732  
64526 88868 49199 02645 47418 76913 67013 28000 97325 50605  
98715 15153 38305 91626 34738 01294 56476 06430 61604 65403  
53553 12650 87778 26246 80559 26405 73910 62332 81394 98913  
09656 64796 00963 75860 04278 59117 37532 77958 83189 56627  
44024 26138 07659 21739 07915 59801 59832 65840 64434 21584  
60280 03779 22760 07054 10257 33887 09881 02792 75845 27479  
61827 26081 00000 +++++ +++++ +++++

**11141/9192/7363 kHz, 20-07, 1015/1025/1035 UTC**

91399 01122 98960 39286 46610 86841 06642 26924 99982 74837  
78367 74653 36006 01108 36876 84922 85646 89114 17619 00681  
67139 22482 76000 60351 54606 56858 90423 31809 41699 06868  
40828 23804 92449 69106 67395 98253 96510 67105 39123 31867  
70980 29206 86950 00503 75999 35281 81119 84737 36299 93244  
57461 20052 85900 31280 22298 40089 78140 16732 90645 86407  
28219 37592 37406 83188 80457 07525 66226 00316 17443 80362  
25735 53265 53262 85011 27820 13265 78001 16704 47643 26127  
45705 45538 10090 63223 22978 28242 92324 53024 40418 34091  
97145 66633 14071 20930 76838 55773 29093 22225 12189 66649  
02804 31095 76378 78120 69324 92242 38412 37636 52985 37745  
85799 93355 22691 27623 71148 45905 44424 81129 12387 68188  
74092 09707 01270 66713 57884 87534 99884 82854 32338 20617  
29832 57497 41301 00343 83764 07492 11978 52449 13981 87371  
57239 17340 77753 34753 96393 22691 44091 22871 11604 34265  
91603 68674 82130 95907 52173 69935 63602 94618 80116 69790  
04487 11673 51516 72163 16957 45713 23419 56506 44345 18744  
07588 65293 92360 00983 38484 62708 16265 15493 40185 87954  
81193 08537 21905 51638 37811 96589 56828 48652 80480 25960  
23919 86002 80145 05927 17415 49014 09104 01372 53679 54349  
99861 95802 30112 63283 05263 60732 15783 53674 52067 92347  
78509 74055 05184 01392 78036 28297 84725 67209 80017 64275  
03087 91896 70488 64975 14236 15477 75513 65479 92388 78050  
15696 44270 82274 39862 50240 62285 88167 95208 90250 48165  
93876 41132 85956 53133 30877 86840 17553 23934 36776 14785  
44335 67282 71301 29333 91833 04255 81987 53981 81610 38051  
36768 63040 33429 83582 65643 58724 94474 32307 78613 29595  
75303 50760 52082 51288 97231 36211 00888 15460 80822 77889  
78181 97898 30190 97211 70316 01731 92776 65449 78945 36663  
99316 22283 07516 20197 13656 43659 94341 11750 47129 32418  
59450 15637 17171 30098 57383 13818 54850 73375 53142 14383  
91027 43572 63468 26694 75801 82663 30638 99118 10953 74231  
20968 80307 00056 12791 65213 89936 45963 09938 83053 09867  
50331 10752 58837 31643 94891 18882 60793 21288 09144 53772  
20882 87310 54161 88447 17480 62877 77203 41302 28084 38085

16807 20334 44222 03261 63063 43255 65757 89241 02750 81918  
16777 15560 04019 04502 50250 82482 20320 13877 33638 67826  
18253 05614 32657 14502 59029 94048 35369 19719 88239 79853  
83785 61782 13600 57553 05192 25433 75387 86416 60356 11652  
39229 73162 50822 42882 65942 39926 52474 99590 38120 75910  
67555 49125 48133 96172 12335 52783 77251 55967 82601 62049  
20568 27411 00000 +++++

**11141/9192/7363 kHz, 21-07, 1015/1025/1035 UTC**

06368 87283 06741 14853 16804 94764 56872 10306 23812 07331  
51365 61305 72543 25028 36912 08604 78261 56671 95057 22314  
78412 98938 31433 16790 50807 46032 17810 29680 52602 03348  
54183 01068 59775 03577 43055 13651 11771 48696 93113 79894  
91006 26271 94498 87094 91942 73508 32833 36284 59373 87506  
34209 35933 00658 05132 58325 36362 01557 00962 81949 15821  
00371 76731 39906 54168 00070 40722 15766 55076 23095 00531  
99435 02718 38529 17649 53823 63857 16307 97304 57779 71296  
88179 11991 17491 28083 00000 00000 00000 00000 00000 00000

18444 61108 08702 16984 29706 73648 38771 35317 17086 67904  
90884 70270 14833 26918 14213 12486 75160 81757 89069 63409  
79693 87485 00515 72053 67020 79700 14792 85916 31054 85073  
25779 52004 69878 84330 63651 28879 89771 51118 82935 95695  
94086 15174 72148 69130 11696 23265 52201 64170 44655 96304  
55767 59681 39815 06108 04789 54704 14027 20210 28316 26403  
87658 88183 87869 25618 06100 67909 02507 70951 53938 15211  
90784 27325 91503 85320 71799 79950 68455 19586 92504 39642  
94120 15879 73479 40421 69242 06123 90342 15339 08859 89399  
33000 61460 10965 94045 09912 29095 00000 +++++ +++++

**11141/9192/7363 kHz, 25-07, 1015/1025/1035 UTC**

44712 52345 83125 99171 10359 47281 92788 29730 10977 72604  
46109 07480 43656 96557 73239 02891 34246 90935 20916 63486  
64591 61031 70960 50102 72528 39361 77621 67365 23068 35336  
84714 93113 74214 58087 08472 36414 85841 54617 97061 78899  
45078 30469 02696 79073 06636 45113 27285 44309 71511 99215  
27554 00200 52512 55996 90573 11964 00024 63854 15644 37591  
86483 72452 63450 17407 72975 59441 58457 29760 06387 10022  
55451 67501 20579 16523 06184 14957 39992 90184 87055 30076  
09134 02344 73764 61441 96377 97192 73868 54829 45523 43313  
53197 29010 73542 16162 17046 25472 37956 28709 32092 61764  
22276 52401 99976 43130 12955 95645 18475 12140 66272 32004  
91211 40990 88603 95279 71841 96175 78501 83682 53645 30200  
04036 40273 40466 80037 13822 01853 59942 77013 05179 33505  
04951 97795 97852 90969 14219 11195 86745 78030 28033 00445  
72085 91115 79974 65662 90475 68292 10640 36175 95256 84836  
14266 47388 59629 62583 54195 61902 00962 85224 08143 39547  
49729 36756 29168 86035 11522 05256 33324 34915 95550 19183  
49885 42504 08103 08378 95128 00516 34366 06967 55577 96028  
57081 40341 91655 73522 85437 63407 97692 78644 92664 42292  
79212 88403 85755 96702 33445 57478 55752 45102 43996 35323  
82034 19920 25620 33767 89057 44958 80021 49786 78955 92198  
48633 73135 88475 60193 73302 33541 43654 41216 00830 67117  
10696 69380 92281 06725 66468 66897 23041 25928 37074 30663  
84505 91264 77924 26373 23391 02492 93746 82338 79563 25521  
21985 00197 08350 47709 28000 24703 98257 10195 85537 39799  
20038 96986 40883 83128 68039 85464 84139 96203 79780 88005  
76081 52402 44684 39396 04007 29985 37912 09749 65030 22315  
40226 47583 00258 02481 29833 82772 28279 84492 57133 44048  
51407 48253 38315 70729 33117 20485 28740 23392 70106 28799  
62049 23141 07430 71100 65925 74190 70133 67510 90458 49425  
09827 86993 10044 43644 89641 65885 84750 24165 56001 60497  
92104 33477 70645 00992 65217 23637 01349 38715 98198 27084

94764 04175 04796 93577 79837 17849 41186 47927 75219 21018  
28872 48215 99123 18794 38614 49191 05066 52557 21331 00536  
91914 43965 96908 34672 61697 77738 36866 23812 23595 15393  
01796 10934 67577 57131 19533 44372 56085 94051 14985 70704  
07239 17887 27553 65629 67964 80447 77096 07521 00522 19953  
64367 23347 30832 96455 16847 61632 32069 03529 15945 72169  
41933 48408 66470 97146 37065 17784 94332 03394 13017 71423  
83402 10428 43230 30812 87465 93988 15459 54998 78213 69745  
69063 20844 15215 86873 81628 49842 48781 86173 78331 48713  
91698 02440 62502 55960 20726 15739 90814 11561 93832 81322  
41536 91994 94085 30423 00000 +++++

**11141/9192/7363 kHz, 26-07, 1015/1025/1035 UTC**

58296 24952 39269 18689 93278 70208 82397 44265 99230 32415  
66116 78531 10174 91325 12410 22509 61648 51865 57011 85402  
27402 96321 54107 26890 24536 78820 92468 56519 04289 48026  
52693 38691 70668 08999 60257 76632 94084 60153 14044 73818  
12201 66249 95055 96270 35177 53357 84984 84171 97495 36732  
49341 86233 23554 17537 64812 15260 99217 09349 95548 48333  
66513 80389 48069 20070 83662 22419 59460 82383 17623 82216  
98566 29181 61347 16613 84859 09447 92931 31077 00000 00000

41483 48226 74492 24831 77939 07422 83830 82385 40238 92630  
83818 78894 39909 47999 02680 67950 82291 62121 67828 83870  
00175 79969 84283 27504 51592 35631 17083 72062 17716 85527  
76141 81157 61786 46812 26986 56225 35013 70629 75808 55547  
40389 04931 02272 52024 90351 26516 38509 21921 19222 47018  
17749 81745 36381 22485 41009 15471 31089 21271 35293 59261  
64917 29916 01730 35923 12705 01697 77089 56236 37995 77544  
57118 29373 13877 34012 55123 49589 25176 37982 94258 51368  
12934 32081 00000 +++++ +++++

**11141/9192/7363 kHz, 27-07, 1015/1025/1035 UTC**

79797 31351 44243 01031 55235 45675 60415 99093 03717 39763  
93454 98268 74473 92849 79931 58442 27066 78406 40503 24373  
67687 14381 74849 19144 10165 36973 74289 25991 78857 83876  
81763 06950 95640 97937 53861 31758 18156 87158 04587 15443  
21515 01984 35560 88042 40657 15815 82318 44896 15533 19682  
31427 50932 06303 67008 88072 97400 70755 29423 98840 34484  
21108 49528 59347 28224 02395 01595 61425 15207 59624 96093  
59551 53432 85895 89014 61193 92814 68651 81912 70776 13756  
76275 23607 41945 07210 52197 49484 17820 94704 08711 19333  
63919 11729 37687 39653 23459 02942 80368 81371 49688 02635  
23429 28913 94974 98890 13498 21548 61308 04860 07321 72966  
41923 85612 99760 80013 08718 13993 96812 56522 25163 53915  
25823 53176 89386 94530 00116 49356 37124 83726 80185 27881  
59213 34362 98668 68613 13334 01708 41272 21836 34672 55511  
00842 47361 75190 95122 46768 30295 26214 81133 76903 09399  
03987 81952 44200 78988 02917 58756 78988 02917 58756 75227  
50305 46180 88376 39769 19754 24751 49920 75836 26482 13695  
87863 15167 88705 40047 32823 91003 48387 67408 46717 07545  
74539 55953 80987 49800 06262 46365 39993 19334 25167 90731  
79276 44310 99399 41362 93366 37302 66410 33448 72837 99290  
46703 22504 35276 93289 05712 62535 59874 36038 06022 35873  
80321 81201 17100 70588 15674 92505 74738 06466 43917 30256  
07395 95425 47876 99670 71604 47372 88186 34469 63673 57388  
82999 14150 99822 75203 99112 38400 81977 02900 84215 07069  
91389 31769 94934 79144 77277 54269 00369 09178 32677 12014  
65797 84576 74680 65743 46254 12222 71267 98191 44649 27838  
81892 85814 14136 26552 04043 00296 09393 38084 42929 25776  
16527 94999 46519 02742 16278 67473 73078 34520 60206 62987  
83431 17294 64558 14412 75108 79601 51497 04901 00573 42245  
92381 03043 36729 34538 32786 06702 97875 27849 03944 18990

09307 72362 50302 04801 83750 47998 27884 01353 67820 65432  
53133 81168 50674 78152 06936 90941 52073 91481 23505 14707  
32019 79520 18822 34777 89157 45927 38304 88863 40147 89490  
28409 46829 97162 60421 61846 55503 85739 18306 71097 25007  
70132 27657 69908 55018 78384 51999 67476 24407 44285 32425  
04992 92702 08416 61568 69222 86799 45465 88915 62854 71365  
09996 18411 36242 26373 17861 84275 10281 80198 05451 15997  
45075 71726 33959 28409 34103 39894 30859 97805 28544 64113  
85763 10037 21480 04012 42886 91501 46646 11929 57250 59000  
71415 16597 06872 49363 88710 01458 78078 14812 37534 26044  
66163 94965 06790 63861 58555 01465 02103 55218 92702 76108  
80309 98425 05844 08485 81308 27822 18865 23996 11971 52047  
21424 78237 61778 51010 50539 18665 54894 54980 79806 99478  
68350 54256 61468 33433 00000 +++++ +++++ +++++

**11141/9192/7363 kHz, 28-07, 1015/1025/1035 UTC**

01047 66873 93546 57601 71273 31472 40782 99659 34332 27293  
06030 74084 34778 08150 88499 02672 85381 31808 21637 50676  
77518 55717 70482 07341 52603 37897 54910 95833 20489 72708  
47176 54755 35781 16156 17226 58424 67994 80442 24196 68115  
26501 02445 77534 31440 26198 15797 16198 72067 04833 81286  
79350 36954 27931 55227 66995 93290 42256 00517 14000 92335  
63744 70048 25923 42333 10845 17182 50109 57706 19215 12949  
80459 76696 98693 74684 19347 64656 18502 35772 45088 34079  
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

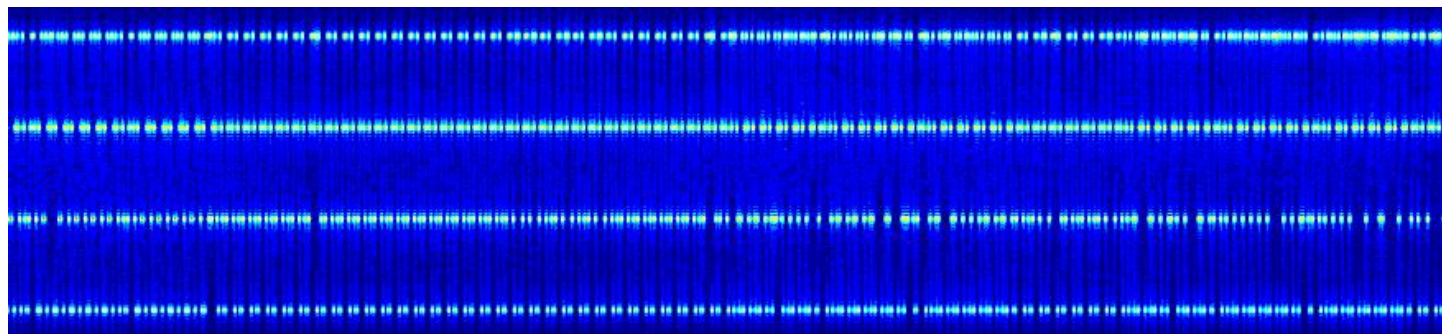
38543 90783 40348 53458 87739 39340 06071 47066 32217 01243  
99790 69785 81937 58116 63679 77760 19070 02998 48938 32056  
49199 40163 33666 81729 85457 49502 63473 60673 01493 95128  
13298 90423 14226 82917 93839 06098 82335 96657 51068 47680  
31392 67503 32234 83811 41599 56412 16816 60304 59069 54267  
35852 90529 16565 29349 28088 29908 74656 76867 06376 01657  
19225 50236 32764 65995 76255 78757 25720 50003 29841 01436  
47915 80298 54361 71583 48019 85744 96746 11919 54928 62361  
69785 24837 47877 17630 42401 87545 50868 36379 37839 35089  
00000 +++++ +++++

**11141/9192/7363 kHz, 29-07, 1015/1025/1035 UTC**

Null message. 5761 00000 +++++ +++++

F02 – FTM-4

This mode is used for Russian domestic traffic. The users are yet unknown.  
Mode: FTM-4 MFSK-4/150Bd/4000Hz shift (4 MFSK channels, 4000Hz apart)



13436 kHz, 07-07, 0847 UTC  
13477 kHz, 21-07, 0642 UTC. QSX 14730 kHz  
14370 kHz, 21-07, 0642 UTC. QSX 13477 kHz  
10681 kHz, 21-07, 0718 UTC  
16003 kHz, 21-07, 0725 UTC, FTM-2. Two channels. A faulty FTM-4??  
14911 kHz, 26-07, 0820 UTC

## Link 10053

**19466/16189/13576 kHz, 03-07, 1530/1540/1550 UTC**

11166 10053 75693 03001 00049 00000 00000 00000 00000

**19466/16189/13576 kHz, 10-07, 1530/1540/1550 UTC**

11166 10053 75369 10001 00049 00000 00000 00000 00000

**19466/16189/13576 kHz, 17-07, 1530/1540/1550 UTC**

11166 10053 45213 17001 00049 00000 00000 00000 00000

**19466/16189/13576 kHz, 24-07, 1530/1540/1550 UTC**

11166 10053 75319 24001 00049 00000 00000 00000 00000

**19466/16189/13576 kHz, 31-07, 1530/1540/1550 UTC**

11166 10053 54213 31001 00049 00000 00000 00000 00000

**19535/16348/13588 kHz, 05-07, 1650/1700/1710 UTC**

11166 10053 45213 05001 00049 00000 00000 00000 00000

**19535/16348/13588 kHz, 12-07, 1650/1700/1710 UTC**

11166 10053 78541 12001 00049 00000 00000 00000 00000

**19535/16348/13588 kHz, 19-07, 1650/1700/1710 UTC**

11166 10053 54879 19075 00049 00000 00000 00000 00000

**19535/16348/13588 kHz, 26-07, 1650/1700/1710 UTC**

11166 10053 78451 26001 00049 00000 00000 00000 00000

## Link 40023

**18746/14574/13383 kHz, 13-07, 0915/0930/0945 UTC**

11166 40023 54213 13001 00049 00000 00000 00000 00000

A 6-minute transmissions despite 15-minute spacing. Also, it's a new schedule. Apparently it was active since at least January! It transmits on the 2<sup>nd</sup> and 4<sup>th</sup> Wednesday of the month. As the transmissions were nulls as it seems, there were no repeats noted on the next days.

## Link 40122

**17419/15707/13446 kHz, 06-07/07-07, 0600/0610/0620 UTC**

11166 40122 96325 02009 03839

09028 23233 04066 61106 54846 12053 94766 87351 48519 86313

63793 62414 80017 57455 51332 77138 28150 17454 81889 52182

61808 13768 82772 49145 89347 65005 06171 99755 98303 28249

09550 26576 52624 53986 74029 53634 39618 89566 65436 30444

83785 17136 67718 17840 69738 36980 43416 09063 41391 32218

00865 84538 69602 75773 72829 23789 05468 65579 36247 22902

61440 98930 27775 91014 87471 21948 34822 24229 34359 15065

66758 80410 21492 00495 35992 03308 51174 82603 03588 69416

36720 57134 69132 56040 36504 50212 09523 53983 11157 73078

96364 73301 46097 03478 46676 15567 06574 29645 86576 11063

17424 17835 32657 44369 84722 89309 20702 16756 01512 17751

36475 18832 04800 83010 28236 11891 76026 42150 05684 41376

02155 03703 55016 30922 39614 16096 24784 30395 48250 06168

62241 16371 87484 28722 04866 68499 91874 13059 56746 70182

68246 17409 04515 07005 81604 27216 52526 61354 21995 58214

81953 26678 69513 50213 63507 89795 99645 62556 78444 54726

96129 07167 27574 06448 63521 80136 32936 38041 56655 77786

61839 89649 69190 08128 27961 72690 48421 33686 49169 77759

28549 06598 66787 89660 99596 81933 55958 58013 54157 20189  
81815 96847 79156 14856 81147 11653 84829 06052 74225 77299  
88086 66096 36505 15283 92465 68022 84875 43711 31847 72915  
58144 98495 70137 97051 96452 49162 74083 44750 49299 57733  
01429 17888 66868 54111 71585 38014 54346 26408 11016 42000  
93909 49642 90501 37156 64081 01268 96505 26766 11136 36947  
03796 41962 52240 25015 41525 40894 15027 63077 69962 61111  
43273 25172 10051 36110 23384 12932 92984 11980 11366 09197  
21999 25080 64973 57497 63545 26696 10718 15855 10060 65596  
00431 58344 81490 64446 37062 22835 57787 51002 74404 28369  
59536 30028 20437 10611 18927 06874 98958 48783 08234 98653  
49217 82565 18011 93951 68215 42356 02178 47008 25377 41356  
32188 17315 04262 02910 27468 90551 51023 21530 54311 41817  
34289 81059 10420 27074 46160 78392 37274 13763 98998 26205  
27527 86501 97720 33123 19598 88835 92246 84773 96669 86948  
39834 74146 32262 66283 31942 54713 49577 97023 65352 14743  
86798 29342 62198 96233 85540 04387 68622 06924 44621 91918  
86726 98798 06368 90549 19511 11542 67614 51518 33490 04367  
32603 11933 68675 24661 49967 48428 50599 86887 00980 87170  
84090 60175 31263 31144 33460 88040 43137 90663 18818 88672  
90809 09381 00000

**17419/15707/13446 kHz, 13-07/14-07, 0600/0610/0620 UTC**

11166 40122 68502 09010 03029  
50684 57454 66131 57507 48591 71353 28446 88151 72066 14511  
45704 44574 18813 41238 93437 99336 01127 35456 78433 97283  
72798 88934 48685 99067 15478 76902 90168 58752 95462 85695  
83861 02693 26821 72156 21464 01863 01806 59448 03243 54838  
74496 98989 66442 23601 08590 53187 17703 89369 25297 78657  
67915 20640 12273 14626 92957 70604 79515 06181 68749 46178  
73183 17094 54054 15770 83250 11861 19482 48027 05955 11685  
46113 98715 46963 54059 42192 87940 76202 10659 51324 34875  
70282 43218 50614 42208 03456 02085 62183 47476 73055 97134  
26505 83486 70333 95741 10989 15002 32657 27483 52264 43886  
37978 00270 55582 99898 27540 57590 99797 59310 67732 31563  
21341 58545 87046 71459 75638 95034 49070 52423 99416 32453  
47453 94038 22311 52549 33778 43455 01237 20736 14285 02751  
75949 57643 76380 05218 69235 33815 30864 70263 80164 29738  
80822 91617 43852 28385 53116 38514 56160 32475 53401 74563  
86775 23619 30627 23979 29105 05552 61941 39860 60428 98634  
93943 54204 10741 77809 01226 14359 63718 71204 48132 35573  
38259 61564 64680 24357 24023 57711 72581 52329 69413 28199  
22295 85241 45437 14369 27056 96857 33885 64992 04811 22395  
13260 59672 64003 31197 40904 13212 94144 23336 54743 78117  
47107 79823 43115 87445 20074 21125 56079 05157 76093 53666  
56693 76188 63161 09007 35644 93412 17782 05385 37713 23680  
63936 86311 73488 60135 43396 15895 14766 92987 38327 35604  
97083 15921 72111 12135 77823 10346 99335 31081 23310 74662  
20867 16094 23359 90738 84972 78218 56700 44769 60412 25087  
55715 44737 92432 84673 43933 01624 77618 23275 44716 66588  
18526 62428 84573 41291 44033 24437 39540 03545 06360 61193  
98064 15485 90678 45999 38833 06455 98263 33051 46973 47775  
89111 14302 17078 61600 94972 28358 16477 31047 38729 01128  
07209 03776 21058 22891 50111 06218 60319 91474 39485 10633  
10300 00000

11166 40122 98520 09011 02769  
96601 76246 41759 22191 95867 82576 36598 78258 15131 21490  
83891 77073 14612 14178 65049 78015 27797 86053 72064 40631  
25348 30058 42759 94627 33801 43881 65658 58003 94981 70804  
02937 45515 77081 98834 04867 34662 73336 97836 14202 81379  
49235 99333 83946 02625 24205 48677 56943 68043 98702 84261  
80703 67912 62657 23479 55943 49530 46197 60106 42236 39262

98593 02794 69240 92406 06380 09366 26929 38090 86548 96600  
33252 11365 15798 30194 02694 89698 81745 24577 64133 76056  
67055 07296 01463 95738 02405 27620 15402 99185 49248 14081  
29931 87922 98292 10625 91801 05838 94641 46060 36544 62981  
25532 16504 19420 84068 31604 85492 34748 98879 27652 31462  
72056 16740 43778 97283 82475 52273 22897 21521 53837 94606  
35520 56137 17890 37223 97776 00291 38087 10649 03574 04951  
51378 85152 06875 27992 62440 35662 15000 44465 13791 86062  
78903 41734 80212 75091 91360 54162 60937 10990 29004 17036  
68016 07118 99142 44415 34325 15716 77306 60597 89628 01993  
46444 39882 78155 25735 73730 34325 16109 22626 85896 94161  
12562 02458 29042 10606 02163 06421 23852 35686 63103 90673  
52160 58829 18765 28359 35806 44870 46508 47267 93705 63163  
42020 45338 88084 62512 12666 51171 95811 71573 98284 21756  
65765 29442 42866 94583 48174 76100 65533 36351 06865 57416  
04295 55426 50361 24380 30974 70279 42764 31269 60775 51053  
80361 62420 04916 76461 44889 42312 39759 73217 69395 08623  
90889 30159 77640 52979 55569 04277 82966 59056 12010 60816  
57575 92729 88893 14657 08164 23978 93595 65143 18832 85191  
22524 41563 47222 95612 02036 01456 84814 06563 33350 48939  
17323 47170 39907 65253 46121 75260 40603 68680 56648 63122  
97341 46064 44721 72817 11274 00000

**17419/15707/13446 kHz, 20-07, 0600/0610/0620 UTC**

11166 40122 29534 20025 00049 00000 00000 00000 00000

**17419/15707/13446 kHz, 27-07/28-07, 0600/0610/0620 UTC**

11166 40122 45327 23012 03219  
61143 32345 68832 13530 72757 94796 95457 80912 92958 72308  
65836 48351 15227 45636 25511 27433 91802 22540 21071 65033  
01772 96957 89761 60160 79011 07497 45694 63701 54694 68679  
29804 97020 94019 73373 15788 50344 31878 89859 89165 46863  
37130 01964 41691 83499 60180 65685 48269 84267 43542 80780  
18589 27176 00082 00712 40645 30595 88620 29424 58347 10040  
41588 78362 50392 41297 24420 82197 02600 90839 31375 96662  
90886 99464 47463 26974 17080 30088 31186 60238 64743 15640  
97755 00316 67213 67993 07487 28554 05030 33866 89065 38839  
74948 08634 52356 20406 97722 43991 70448 86831 56844 10394  
35638 74666 85423 00228 19013 60122 43407 82637 88341 67273  
52314 45952 63951 66193 79675 88644 17285 84473 90372 44764  
41812 80554 07056 54783 50999 52316 46832 17787 83018 79354  
26410 85947 16873 22392 52891 87225 29648 28250 42389 87228  
49552 13827 33674 26169 84452 27522 89020 91851 30587 11527  
99446 14646 91132 13446 36544 95351 59333 20664 18070 01930  
77700 87194 60952 01333 87013 88329 54616 85296 63470 45885  
79191 94406 51409 53690 39538 06548 83208 63361 17348 23226  
06603 89620 41477 39968 30451 07896 19704 23856 06155 30143  
61593 46625 86901 69834 47174 46770 31931 32037 21094 19087  
48012 89531 16955 55096 85307 30899 41512 82786 29824 91524  
73421 79104 59635 03443 56227 53644 57051 24969 90275 26956  
93948 36058 53238 51931 32416 10315 03944 51686 07931 99611  
49189 72387 87236 92235 78230 74455 18119 30506 94639 10589  
13261 98810 00209 64036 35369 17980 10591 45565 75755 06954  
07375 72556 43565 97665 56259 78666 07837 14092 46045 27493  
59580 51392 28098 28682 86063 16095 61002 79912 74490 13243  
90068 83203 87266 91457 16397 08964 76029 81854 35172 06246  
26638 91727 47894 82618 52305 38978 78213 02114 77066 38184  
46071 74668 76760 74280 79829 35518 69724 24769 71069 37961  
74378 16399 01764 07943 75899 27266 98488 33896 69151 70247  
93385 90264 70087 18732 96537 18166 12785 60568 09467 12319  
00000



Link 60070

**11619/10524/9389 kHz, 05-07, 0030/0040/0050 UTC**

11166 60070 98741 05001 00049 00000 00000 00000 00000

**11619/10524/9389 kHz, 12-07, 0030/0040/0050 UTC**

11166 60070 54879 12075 00049 00000 00000 00000 00000

**11619/10524/9389 kHz, 19-07, 0030/0040/0050 UTC**

11166 60070 74268 19001 00049 00000 00000 00000 00000

**11619/10524/9389 kHz, 26-07, 0030/0040/0050 UTC**

11166 60070 45612 26001 00049 00000 00000 00000 00000

Link 70059

**10538/8107/6791 kHz, 04-07, 0400/0410/0420 UTC**

11166 70059 95147 04001 00049 00000 00000 00000 00000

**10538/8107/6791 kHz, 18-07, 0400/0410/0420 UTC**

11166 70059 45213 18001 00049 00000 00000 00000 00000

Link 70202

**11159/9188/7669 kHz, 01-07, 0700/0710/0720 UTC**

11166 70202 79462 01055 00049 00000 00000 00000 00000

**11159/9188/7669 kHz, 04-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 04-07, 1200/1210/1220 UTC**

11166 70202 13468 01043 02279

15231 53981 09152 31554 98708 47142 62292 76423 31286 13188  
18392 36564 81668 70831 21864 63318 27936 92269 17762 77237  
24276 80650 57823 92068 89702 57388 55840 85337 29681 14042  
65773 82684 26601 08426 81066 48175 60028 09649 78580 97737  
42695 21762 55605 77947 83131 40715 33364 77319 10906 24293  
25468 62317 25401 79734 94741 55252 54058 98708 46873 96258  
31031 94347 34315 56552 32192 20014 68872 95132 27422 74493  
66423 76138 36117 23304 72208 89030 96864 90802 40122 38796  
87211 02784 64439 98357 54468 84250 87435 40383 43485 42048  
31304 90667 32340 87053 27844 70295 11876 75598 44334 18751  
70016 74818 29029 15177 66810 81618 24731 39968 11139 49939  
23862 43879 75006 06003 63474 16839 06388 56247 83647 73670  
26527 17619 97692 98875 22661 24910 47618 17704 72085 94843  
43281 85669 58503 51578 08673 13719 66601 43327 83767 71226  
65783 04782 55373 34011 19004 45020 15430 69556 77630 65586  
70181 76635 48287 38447 48665 21504 42605 98482 83955 37874  
45815 30229 65601 82837 65135 53539 86689 65940 43874 37858  
33973 93584 52195 99801 94507 95947 90481 63720 77229 28617  
66231 89940 72905 66111 30435 00368 00908 29488 84347 56146  
16240 15219 92624 67044 75249 17519 63730 37282 83476 61332  
83578 77457 74065 88132 13329 37282 90178 61756 87277 38802  
69854 86439 71789 14795 56746 54244 71199 82033 85170 64076  
91627 04091 12916 79461 98632 43225 00000

**11159/9188/7669 kHz, 05-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 05-07, 1200/1210/1220 UTC**

11166 70202 64217 04044 01159

94494 31528 24377 26948 56083 31324 21177 92936 60316 45724  
68252 48102 57255 46792 09675 06626 61912 05179 51608 38855  
98659 80891 59887 77939 28144 26658 20580 41407 48920 64819  
68232 91120 90977 23710 11469 80045 43340 44429 10652 59278  
82949 93973 87270 43761 96990 45655 69760 60127 15874 12730  
05441 25115 99042 46200 93240 27980 40803 32707 16925 15356

88358 53458 83492 01988 89242 90133 96430 55787 10326 88695  
18533 30637 95605 17048 03946 45386 54940 77483 04145 32485  
00932 59849 77521 04668 76145 46375 57274 13158 37840 04102  
57285 95802 92416 25836 20677 38590 96747 05592 40723 98986  
68599 59424 08821 64518 73322 27630 69196 45056 78991 19218  
85032 22221 97201 44113 00000

11166 70202 29375 04045 02139  
95228 97537 84703 97880 71724 11814 47004 23644 70180 43976  
65710 99122 19719 64407 91633 47888 60737 62777 86487 20271  
28749 10957 56175 53581 24243 56097 34968 86726 54528 73581  
68993 71412 58480 34522 72478 47112 50139 67496 55186 71993  
42094 19214 44480 26988 34586 43786 50454 35196 81276 75311  
47567 63808 67606 63431 71218 00737 62695 76578 52703 23136  
30716 02578 40984 00012 12671 01301 84715 96097 14523 89062  
72960 69184 62609 59435 58037 78102 12276 70186 08928 43523  
20679 51008 68698 28797 19673 11740 14354 32982 49743 55764  
42572 13280 40911 28271 29760 79041 51539 54064 39860 24559  
00998 44615 78342 92792 57105 79033 15840 87265 64299 88663  
29835 74272 23463 99962 37858 42616 59350 15390 20627 13050  
36547 36952 58566 14617 09906 62123 30134 70064 20385 06813  
45418 57533 72245 35069 13410 40706 52523 00214 66413 84594  
78729 27085 90018 99160 85710 90083 32084 77958 87604 66705  
89148 23985 75829 71253 93739 79919 39055 98409 50980 04951  
16071 31360 97961 65370 17512 94152 84303 31126 77365 52992  
97341 95515 20203 96133 80385 60216 55066 47089 17477 52830  
31961 90818 83088 69143 21875 17591 80209 57269 06277 14218  
15235 85885 87022 57333 83120 63731 52605 88407 61224 02566  
61699 75198 35273 40769 29918 89301 05904 69780 30736 54514  
49201 45211 00000

**11159/9188/7669 kHz, 06-07, 0700/0710/0720 UTC**  
**10629/8138/6774 kHz, 06-07, 1200/1210/1220 UTC**

11166 70202 96374 05046 02319  
58890 37905 34664 02375 63089 15271 33312 04617 68806 63950  
14980 93286 58640 69673 46973 73154 72633 88587 64681 69489  
53701 93142 94792 12861 15416 29806 37579 19365 86860 62020  
75468 02185 14200 96859 00061 75442 23692 18815 74790 36278  
75806 79136 75429 36077 65147 14196 75598 76806 45860 91274  
69491 93379 87214 05237 48995 07997 89055 74526 77387 67396  
11805 09904 26808 98947 00688 54384 71684 46539 08910 17802  
55300 72180 49420 54438 71705 34267 29997 57162 30130 78445  
51308 66499 94119 02011 72656 18091 12560 77777 75078 76963  
84778 48358 76503 32055 26924 26798 78645 49431 31798 64480  
50323 07629 39332 72271 76889 63572 59898 05812 30469 22484  
17635 50911 40676 10246 05988 69981 70514 71632 72633 95431  
27134 42865 75999 80990 62148 71917 80539 46855 41176 85014  
82977 79644 87324 22758 86687 73063 28272 94319 66411 20231  
01661 23139 90494 93606 98472 82561 92825 73449 49085 44854  
11674 10754 81685 92043 37610 35592 07739 61999 37691 46803  
14194 28214 48110 43972 67117 36712 52481 87629 56435 48524  
87962 98605 36478 61165 46402 32494 42019 07554 62679 90137  
84480 55811 07453 50098 58006 58375 26483 34026 10089 23870  
93729 40887 56428 10168 70398 10968 44720 62075 87139 05606  
97060 42090 91579 13580 85642 27664 28361 20102 21451 73395  
43904 99331 60623 61618 33052 16382 58185 89794 69804 49718  
23826 68161 89314 69915 59418 26080 13354 35696 82962 46229  
00000

**11159/9188/7669 kHz, 07-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 07-07, 1200/1210/1220 UTC**

11166 70202 15964 06047 01539  
47157 02246 03090 11703 88555 25984 24945 33956 50550 18789  
49146 85825 14112 07180 91567 38061 64902 54006 14186 14197  
63820 54950 26345 90612 16090 27704 49398 13501 24817 23516  
93164 74909 39957 15778 17646 15053 38634 45355 78427 43083  
97740 27352 79212 93507 44762 48970 79920 60430 97758 13187  
33791 76823 30451 07912 51929 30998 23333 05321 18727 37472  
86763 21057 06607 04420 66969 87973 63511 64896 70885 24129  
71592 64004 70792 99690 00522 19226 74672 32470 03875 96066  
73221 66743 32014 66236 99462 15068 59913 40520 61898 67777  
53366 93558 37125 99827 22004 22705 32871 29711 32570 08144  
57368 10094 80892 66481 56021 54885 45973 14969 01293 32424  
74650 88561 46746 79458 70269 77001 81196 15617 83783 74096  
43884 63058 30745 56409 86630 00980 82603 33511 93898 09679  
05767 37021 96702 83853 46844 40591 41305 19828 87526 28040  
98631 06389 17528 51819 25352 73927 99033 49000 12553 81566  
21086 47151 00000

11166 70202 24681 06048 01759  
96397 35201 54518 16494 72778 08529 95374 77325 86922 65415  
91790 25085 82933 75574 13309 87346 72968 46245 03417 93044  
34201 00770 41209 24548 87916 67826 56277 35839 09179 23483  
07752 91495 40491 53281 63452 06169 07906 26520 40059 89222  
63009 99935 90273 24250 99225 92963 47875 38130 15871 01774  
66631 39330 28402 44255 13996 30131 48296 53153 05524 22465  
80989 59534 90950 12055 15328 33767 27869 90542 02950 76220  
03934 00292 51062 74848 93552 61554 77017 71855 59977 26691  
98150 06639 38740 41122 55316 27183 63387 15713 93535 87095  
19424 40267 48230 70485 37422 92822 10445 11850 61231 24436  
69519 03175 52219 24141 56635 05426 15483 93773 37683 06624  
58978 87344 28881 93691 21489 94649 33583 30253 30388 73810  
23720 57578 75112 62425 14306 60866 07310 22019 04445 68037  
03569 95482 83284 73239 51701 82195 24343 02250 46481 60495  
16660 61952 05803 12217 06192 41092 43186 28953 45905 54478  
57563 04755 77997 47843 26290 44935 96684 05518 12319 45676  
64991 28145 21469 24131 83979 72583 70726 03690 37867 71217  
53527 84119 63448 48173 00000

**11159/9188/7669 kHz, 08-07, 0700/0710/0720 UTC**

11166 70202 14732 08059 00049 00000 00000 00000 00000

**11159/9188/7669 kHz, 11-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 11-07, 1200/1210/1220 UTC**

11166 70202 42178 08049 02099  
16826 30350 62540 04181 29995 43069 33072 54315 82022 79799  
48789 38838 62355 10203 45188 46147 42556 14920 14601 58575  
12674 11170 52961 79990 88027 30406 66834 64676 22336 27712  
39132 39664 88125 27618 76954 37707 10373 36037 90010 83091  
64299 72991 73023 97468 73263 05841 90596 17886 67693 87675  
87943 44217 90986 30579 75944 58181 63325 68437 63949 81116  
39331 88991 38779 62726 20515 39810 13350 17955 08444 37878  
93366 54213 09567 37489 35521 56103 27642 36118 95628 19868  
04696 22980 90146 54725 96459 99944 19510 93285 93208 29502  
26714 78242 21959 89471 89597 17515 90935 39130 70249 25041  
62281 26462 69984 89394 63907 91198 63319 37433 76455 43356  
09392 85139 56285 21945 64264 92869 80445 63541 42532 67176  
24542 35412 01696 76402 09465 12877 47724 72232 77891 05596  
85238 34390 86521 62469 60769 80665 24965 09841 72519 09464  
97230 02690 45059 67056 26748 93493 92411 56734 70864 48457  
17947 32039 55751 65795 24530 41258 67657 75750 33364 15391  
61447 27036 34965 16744 72363 89392 20690 90367 41947 26949

68284 85512 94057 22066 79863 39288 21929 54361 95769 39715  
72194 64590 32755 10369 36822 58089 19909 83784 88906 27444  
30782 55816 23232 99092 35139 38153 87567 33540 18776 51154  
15621 33868 44842 24212 97587 42244 55101 49207 00000

**11159/9188/7669 kHz, 12-07, 0700/0710/0720 UTC**  
**10629/8138/6774 kHz, 12-07, 1200/1210/1220 UTC**

11166 70202 96358 11050 01799  
19380 84128 91968 56452 54342 91403 90943 65801 80793 58786  
86617 53491 43477 81562 88200 04509 37031 56429 71732 36830  
15184 46237 97539 57421 14501 17484 91446 37087 72374 49001  
81957 65100 43934 35266 10576 69559 47578 32784 57457 14403  
93791 22971 49583 09021 76970 89980 43638 91407 34906 36912  
00788 70778 05643 88824 95530 40602 36383 56019 25827 97977  
24129 56001 16680 30304 92750 17577 34365 55157 36174 15517  
53486 24347 82355 09218 44058 28053 57762 83815 70788 60009  
57012 17165 21762 29653 47389 21147 08699 32190 62902 30723  
05992 12502 67584 39182 20691 83842 92721 03021 10638 87256  
77685 64882 92933 02654 69079 68005 09923 47489 57861 60613  
44882 23971 59148 13680 04612 00745 64384 00517 11105 39986  
20558 11603 69478 05842 16157 03123 04378 15159 78550 02621  
82009 16430 12483 20224 60016 07905 34371 38870 32369 30795  
82089 81982 61463 98517 04925 82012 14611 47910 63403 98306  
47121 23353 93665 57728 99136 29744 16075 16464 98441 15256  
92754 66463 86406 69815 63746 34947 09263 50244 16452 50415  
41904 67995 68081 73594 36389 00432 65765 50177 00000

11166 70202 74152 11051 01999  
15733 30309 08276 31685 82234 55771 18614 89818 61659 79387  
82737 08511 84855 40827 01118 75740 94823 45594 28782 79217  
67972 40065 94275 19947 75712 88196 26928 67302 53562 85824  
72104 54041 69968 73499 99132 34696 12019 33795 31600 55780  
30231 84026 54688 11255 09619 00317 79262 81681 59215 33946  
67369 80504 37229 05932 48866 55899 54053 90754 83833 21629  
20269 25196 50489 15336 31878 03202 63269 07717 09918 42727  
50779 11013 36660 35477 48292 60251 55583 15514 84483 65684  
27294 07633 67097 59851 58604 41469 97218 87708 46930 42266  
66854 13266 07218 34234 19495 41161 73567 17451 78358 76614  
92765 04233 71990 72203 51883 25914 11925 34882 07159 45978  
02074 91701 06324 40467 84543 37656 21586 31625 51576 14093  
35436 85687 78272 91125 46476 10779 55819 52499 87456 15842  
29885 06318 72707 16542 73882 70101 17148 99074 51776 03591  
94070 77828 50133 87748 23880 07831 84101 73380 10978 37912  
06994 47832 70973 15538 78181 93186 15425 79231 68969 34399  
86277 99536 11150 00819 57202 54448 17919 49518 44013 50260  
31847 23887 91354 23750 79580 45903 27852 86661 37975 65546  
06894 98401 41342 15771 75259 77898 84491 46485 36757 90557  
01269 35968 03075 71255 23261 03170 49021 51197 00000

**11159/9188/7669 kHz, 13-07, 0700/0710/0720 UTC**  
**10629/8138/6774 kHz, 13-07, 1200/1210/1220 UTC**

11166 70202 15487 12052 02939  
81905 63991 08205 26070 63660 39350 13549 73545 94963 16176  
52626 10782 25829 71160 17084 11899 81322 76984 82018 85855  
48601 56216 69230 61455 45674 43903 53931 89630 76602 82292  
32096 48960 02802 96115 90644 65334 85152 21883 47651 81730  
76598 89614 54749 39013 69913 80449 78942 53712 30344 08577  
05987 03713 67790 00912 32553 57783 28230 72973 39336 09905  
09075 24385 62315 04306 28128 02441 04345 62170 00851 07180  
54265 45935 05616 36397 05720 22127 41636 94038 92863 08672  
09254 10409 85160 17611 67286 47631 08446 29168 47103 88807  
84446 58102 28138 34296 05944 98279 04503 53560 89771 56409  
97411 66028 74835 10874 93089 49382 57332 56596 10857 98730

80368 21882 31077 85105 20161 68164 37654 86697 36008 08605  
54772 91298 76213 06477 82558 93360 57158 39267 61357 34131  
57704 39445 19305 58282 96116 47823 82902 85490 81693 40455  
55248 20393 58290 15010 91649 49354 81923 47547 27269 97491  
99650 55652 36528 44397 21900 28844 28918 21978 05449 12218  
10935 42870 89233 54235 68814 32853 50176 54623 51751 65708  
71224 73301 60297 23955 38775 86285 69621 33903 11695 99498  
42322 48458 29097 56430 10474 76119 49081 00584 31607 79607  
35618 78642 48293 92557 35763 95297 06036 27717 14396 55675  
09147 75079 38655 56294 19302 13408 29282 10502 26457 83565  
21037 19318 46812 97104 99385 23622 27524 78541 05647 98634  
62830 64772 27780 76614 51299 10039 19010 08715 48875 69913  
11466 01944 97409 62713 17030 92155 33373 31806 32582 39014  
06430 57216 91821 53867 62555 90000 30865 96473 71407 07806  
59796 01502 02605 15058 57363 20770 80634 36218 31003 92129  
73053 75542 09394 70955 91673 41783 59707 85169 11434 61266  
46757 99738 36627 27791 76232 01574 69177 62779 89195 40792  
58664 84113 00044 89250 38760 07112 95105 02309 79793 26064  
34082 52291 00000

**11159/9188/7669 kHz, 14-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 14-07, 1200/1210/1220 UTC**

11166 70202 84329 13053 01559  
82030 32017 14502 84151 15806 02558 60961 12470 73740 55090  
43701 55351 78110 46975 54380 70385 88326 07565 76255 31352  
35764 81114 42502 38567 69242 22923 60640 59793 53332 59627  
57776 75156 86683 49597 26316 24502 32566 04363 74868 80633  
78793 57019 14003 96860 69242 88539 31562 02311 74128 47931  
37208 43422 91249 27184 80903 95075 95366 76934 74995 89780  
77921 73799 74606 38381 44269 75296 96010 40686 60624 23306  
77691 09492 67892 82006 13753 56412 04593 21215 14393 12970  
06046 81079 73101 85372 72017 79057 45301 66423 20007 45110  
68085 52991 66376 96067 75766 42493 02481 85079 90909 06814  
58025 87110 95541 67100 68806 06406 12227 17882 91033 16863  
49686 73934 29427 71254 92663 38344 71267 40239 40711 15197  
43592 67087 25590 15329 35725 49076 61976 28593 54322 81473  
11146 61055 03128 25061 62343 60575 04621 83135 61511 79205  
05751 98908 42070 45835 34934 09264 37436 47539 02513 15795  
79962 43043 61859 53153 00000

11166 70202 19247 13054 01699  
81545 71861 23580 46379 23898 66638 68705 08950 25288 35306  
15843 39717 34877 63879 71121 24567 33348 86998 38875 15809  
10440 69346 97465 55040 98043 64890 64272 41821 32310 21154  
85767 27829 43191 20685 13638 41198 94865 76928 52872 70714  
25476 26673 92761 64565 59627 86271 56745 23326 92067 63818  
32047 91874 66005 44469 65025 79913 94486 91093 33194 65803  
98285 27451 29831 63370 58723 96066 22128 56404 08878 08007  
68812 30507 11604 26736 08178 57001 97805 53241 52459 08574  
63407 04617 49505 11342 48446 03289 97653 63037 46735 19078  
24789 71990 19527 31274 67476 96600 11625 02926 11149 89981  
93363 84519 77256 79476 76918 89241 68329 35714 80355 07012  
06885 10914 37882 49469 29128 51104 79724 43109 19362 11969  
30070 12746 96073 32979 96511 22501 85603 49528 49442 66493  
44358 47729 14815 26425 15497 91585 28734 38251 31017 77205  
27285 35120 95205 93760 70069 58763 10356 95865 20863 56542  
30723 17075 33834 06315 55630 79176 18778 36327 97677 76976  
83784 32315 86980 43259 78786 48994 97387 54167 00000

**11159/9188/7669 kHz, 15-07, 0700/0710/0720 UTC**

11166 70202 74158 15091 00049 00000 00000 00000 00000

**11159/9188/7669 kHz, 18-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 18-07, 1200/1210/1220 UTC**

11166 70202 85247 15055 02439  
26426 53818 49059 91893 40312 84123 89244 57503 98707 62504  
86505 37279 98425 32764 33557 38316 67591 73790 91126 70690  
63688 83514 76485 33803 24034 25071 62992 57906 92147 52351  
76625 30486 68420 57144 00420 62198 58556 05038 22751 72046  
18185 52291 90406 96477 17120 60834 52375 52100 71673 53615  
05306 06694 18482 77457 76550 38217 28265 65628 05759 86482  
82972 17298 10927 27199 64737 36084 49873 23065 30096 94870  
13053 31599 67884 19068 08656 74396 64276 05536 25935 97498  
23382 19327 87687 77564 16848 35454 27838 53527 60905 17863  
55055 88435 44295 52799 88341 91140 55501 78762 75532 52556  
82750 80219 30645 76138 85196 37286 51009 07302 58732 48546  
00123 91443 44872 69204 67167 15271 56136 31759 39125 11120  
16378 41381 46418 28938 39483 63191 68038 05650 94898 43612  
07073 86549 33403 32997 72586 78456 71573 01710 28781 39274  
58384 66856 97385 33678 72363 71839 24202 09598 22763 85939  
45750 75188 53164 16104 16943 80977 70964 48119 85745 36874  
51178 59382 25732 18734 87996 70426 62496 44155 92531 27414  
54849 22205 60193 32767 16736 06759 56135 66134 90810 08140  
92201 62877 09615 42745 93811 42261 05291 25351 80231 02542  
53757 33778 06654 25132 64309 00611 41541 55045 50558 11650  
77646 49786 43656 15799 00182 13893 33747 76054 60533 61306  
50573 16305 28993 72764 19186 43611 24930 40399 51683 50670  
47838 16729 60927 28136 57699 10234 07169 41493 78103 94702  
13518 52170 20561 24529 11205 87573 53436 73162 00555 89746  
63960 55241 00000

**11159/9188/7669 kHz, 19-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 19-07, 1200/1210/1220 UTC**

11166 70202 76291 18056 01579  
53386 89537 79736 68096 72529 11893 39852 86071 27832 07621  
75015 46755 66805 36419 69433 74762 05471 18120 95862 76919  
68175 00499 98441 75170 45857 19385 36951 46607 89966 36979  
22178 19068 84207 69341 97088 95743 61308 38970 43489 07223  
56992 13421 18860 14411 18344 15895 53050 10775 08766 18739  
59530 97332 76689 55795 40879 28845 80259 14530 93193 54621  
85146 93890 39117 02408 77709 38821 44167 78767 60662 87375  
96048 84407 23452 91364 51645 67884 04539 96478 81373 66123  
87748 92817 65591 05196 99898 71769 22735 59787 01882 50172  
73893 94785 90391 47706 73488 37452 52485 28433 60757 53582  
40157 42447 11727 26111 57131 28549 96356 59604 75034 63902  
70554 59058 21167 71593 57733 56455 05026 22040 99611 83512  
75800 89189 80942 14060 28003 47436 57845 24481 97436 20197  
44452 45662 14675 16087 37532 04879 08261 13635 83793 81063  
74790 80458 19556 21891 58080 37865 37458 96116 04608 06791  
59926 79599 87403 96022 24045 56155 00000

11166 70202 52846 18057 01679  
03123 86919 60383 41237 43874 27355 13430 98219 74553 44632  
94519 53669 84116 65641 23632 10084 73114 08439 42584 09256  
88961 77358 84347 47549 46071 82437 63927 99087 85545 56598  
58020 82788 54097 69021 65634 34184 06900 58148 66840 67962  
64050 32749 21866 42173 75338 14492 77705 60023 72992 20460  
74437 70218 17115 09043 68433 51768 63468 37643 14656 94203  
08320 05643 75220 09146 90022 81052 46412 34156 52023 34300  
21356 14810 96978 27575 30509 75930 86679 33185 27181 17923  
67459 79348 10252 99138 25775 46869 01298 90214 03661 65127  
18283 11327 28722 80821 13035 88281 38376 97902 64667 88406  
03013 12144 46153 22147 77769 88764 06229 21337 37613 56570  
33812 30060 75397 17025 97136 69049 67614 91705 74774 59555  
37486 56578 20742 17631 70130 36517 30875 54755 59449 58525

02662 45752 91447 87078 05722 49924 93666 90037 05115 96348  
05419 08563 04667 69274 48506 29473 02510 54548 03118 83479  
76010 33021 18595 17744 38281 31854 13734 16175 33465 69685  
46344 65935 62971 56570 56720 57165 00000

**11159/9188/7669 kHz, 20-07, 0700/0710/0720 UTC**  
**10629/8138/6774 kHz, 20-07, 1200/1210/1220 UTC**

11166 70202 18493 19058 02199  
32292 78437 40869 30813 90771 73322 82702 51931 30642 16620  
81729 73715 42614 40872 70548 83631 61463 82135 15364 17282  
63020 83694 28269 88519 58521 86576 13598 89983 41018 80328  
15550 99974 63519 12486 59275 56622 53557 80167 02602 85269  
93875 52232 40593 90017 23907 95452 30128 45375 41747 03118  
26686 48931 11303 49517 50529 21013 04300 18751 24463 62246  
31848 81275 50370 04963 45236 16662 16696 19401 10662 05966  
54087 60616 87564 42172 81351 67066 65274 32144 08948 46780  
37627 88507 92177 12074 20279 34923 51268 48732 40367 73167  
00544 30600 53229 85469 53864 15526 65859 70543 98520 83589  
71788 36741 54772 03546 27079 00784 63221 38441 22123 65483  
67202 26312 28925 74914 82383 96933 28560 70465 70756 10532  
48497 96200 61210 29407 64476 26980 83880 58408 46616 17769  
10448 15191 54454 97579 17584 16195 10598 56473 15731 89286  
07675 99071 10397 48997 28276 63009 88161 95293 82568 25761  
44578 21829 93278 48287 96148 44593 82715 28938 43581 86918  
41548 66042 78492 81772 83990 52627 50764 77261 19116 51707  
38722 56310 92961 25574 89347 06425 81126 17527 20680 00503  
36542 09489 03629 74604 22110 03927 65356 13646 82885 03540  
81440 80927 37506 87128 48980 52461 93537 05096 57863 42007  
16439 43018 02350 27780 06828 26715 00186 16748 65734 67263  
11421 07470 52527 69391 74116 37401 65204 58217 00000

**11159/9188/7669 kHz, 21-07, 0700/0710/0720 UTC**  
**10629/8138/6774 kHz, 21-07, 1200/1210/1220 UTC**

11166 70202 64287 20059 01999  
37965 50894 25184 70342 17272 45401 17542 81172 66123 10729  
87337 34896 03300 63518 06418 08991 82370 77541 48308 69397  
99616 42096 73923 67829 24328 32213 76359 34493 06140 64117  
51959 02152 39119 34387 89831 22477 87268 66231 97015 60626  
01147 11342 01482 78970 80286 80747 00139 45933 61109 03106  
44068 30850 35006 33880 78133 70815 26283 63824 77185 20428  
84667 00236 46030 20388 72039 19379 75354 45882 48093 13559  
70795 20687 84618 81249 97349 07936 63075 33725 06289 13480  
35157 16638 36795 62786 51034 69977 09480 37314 84957 74832  
53993 81287 12913 60425 37902 14829 22014 69822 89015 14374  
56323 07783 28370 46305 28783 19169 56033 64748 53948 71362  
56937 09470 81209 39122 18909 64803 33189 15317 80107 65554  
79000 95984 48029 60808 97062 13131 57296 71594 07147 13733  
58390 03332 76351 08363 54541 98990 28696 37882 28937 43927  
13001 31638 29463 58306 08777 55604 03143 38061 74768 73892  
97475 30328 69875 72093 70854 54290 01121 15861 79251 03368  
78353 43188 31368 89694 80383 13822 29424 16817 62225 64231  
37775 91553 58141 41590 46559 10953 60180 15193 22540 85280  
76882 88756 64355 82991 01856 62034 04340 08598 46899 15184  
24115 49394 19362 14328 76149 51967 48436 59197 00000

11166 70202 25874 20060 02059  
12282 10011 13387 24249 75140 70935 73727 17325 61353 26002  
68185 80853 13234 46715 28974 24318 95253 15754 46116 56013  
14784 74445 23593 57530 63254 72299 45739 09508 13657 98272  
52338 60838 35334 98465 45841 58522 11990 09930 79156 80350  
73861 65275 97435 37608 79990 47766 32309 39986 11524 01595  
71997 39888 61994 27015 55736 98315 35507 15031 65960 39525  
88770 01319 16675 86643 77923 44080 61458 95426 96072 55503

69528 28348 12496 41528 43317 36210 49445 29600 75980 39463  
57481 89096 72293 26412 75280 74120 81361 10516 84855 43343  
14574 13948 98120 36581 47270 69615 35742 12809 27511 58825  
84212 79272 40438 26783 42088 66416 01619 43104 91313 28287  
77845 99542 54598 73119 58811 62105 24747 53788 28093 19755  
76914 72800 06901 96876 99702 81538 69012 21705 06042 78419  
50335 67897 09797 35671 01540 11435 79031 09412 57191 70044  
01874 12712 19828 17332 25910 56337 82416 88802 57061 86853  
37619 21967 28858 76779 47323 97720 78074 46480 70855 75174  
87639 22491 75328 37131 82773 61941 76551 88393 91283 97795  
83948 74099 03963 84571 47910 10252 96013 49236 33038 43648  
95452 76967 65688 83399 09424 86468 29285 71206 44357 74510  
05814 82600 80913 34416 86951 76328 89652 78139 03256 34065  
98363 16665 44866 60203 00000

**11159/9188/7669 kHz, 22-07, 0700/0710/0720 UTC**

11166 70202 71903 22089 00049 00000 00000 00000 00000

**11159/9188/7669 kHz, 25-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 25-07, 1200/1210/1220 UTC**

11166 70202 14785 22061 02279  
02285 49932 24193 92612 30390 73084 57666 71496 97139 42206  
48793 97973 00053 90962 71238 42105 73108 82580 82817 76342  
70428 22029 55128 67436 44597 41339 68905 96967 68038 00256  
86036 65169 70896 69413 34175 57743 93870 88212 64887 80354  
79414 14594 71276 90480 49754 08896 76009 81318 45173 18983  
25700 97429 20968 58823 52567 86806 26551 97717 89326 19056  
15111 02361 48236 24384 57275 98919 00238 33063 57222 47317  
15138 20085 94661 44914 48763 84664 41144 01774 88016 19309  
24109 54687 89793 48109 37141 12172 74669 38971 19841 47595  
61327 19452 55769 82650 52626 50900 61896 28331 09283 40581  
67988 75631 72078 96484 09375 53128 18546 54489 81532 93653  
65060 32577 29925 77228 50281 91795 73528 42462 60878 08635  
85490 83588 85481 88523 79357 75340 07789 75124 74299 92839  
74774 35119 37780 18699 00931 23167 29107 54506 94479 56728  
92296 78910 16503 55438 71690 19457 08909 24718 48767 30395  
52195 88315 23585 93621 38924 99451 89280 84959 73867 85277  
73084 72952 36741 04311 42268 42376 68479 21553 98475 59631  
66982 30969 08872 22227 03270 80016 47536 59533 93985 75916  
45562 76984 91186 78341 73272 60937 75355 08231 03008 86348  
62568 27392 25916 94486 61769 68603 21186 32834 43071 20880  
01160 74399 03033 99611 80757 58603 37848 56253 44659 20932  
60380 07243 10678 03556 21982 86855 12764 64085 25036 53666  
52068 24663 37162 05314 89518 61225 00000

**11159/9188/7669 kHz, 26-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 26-07, 1200/1210/1220 UTC**

11166 70202 67321 25062 01839  
34279 93175 12202 43857 78718 30793 79258 83253 42654 17170  
04309 72674 02295 36551 99569 03155 37595 87601 27871 11384  
19670 39258 75675 13536 23709 14028 63302 25141 72060 22158  
09540 52921 37178 95127 92853 69541 59117 91889 76348 07207  
57278 76310 88699 31044 41064 89228 78222 78209 49158 63591  
82275 73652 72102 56081 79180 58478 37860 93700 14858 91846  
65058 58722 21346 12343 13592 60459 69407 69759 87279 67292  
22410 63222 68254 97386 83650 46609 87785 91536 54342 87179  
63210 16577 44416 88377 55666 72799 03355 12724 28312 03810  
63222 65741 09728 32264 11105 26865 92171 69920 33112 38248  
19394 75445 97165 87422 43686 58415 66737 44749 56853 52935  
62731 41577 24809 09341 15699 00080 80457 77389 75577 50674  
54576 79401 71128 97985 49369 96774 36277 21281 84379 18322  
45527 20308 69463 23857 25655 42490 84487 01472 35849 52404  
70471 21947 33504 29475 61820 18726 67839 04839 14383 46890



68543 73294 08974 19584 21620 41303 35092 45309 49632 96945  
84490 14541 38525 12802 09300 09097 78224 17670 24389 32698  
09185 98078 58655 86157 92087 15511 84927 35636 42866 50298  
83162 62181 00000

11166 70202 96712 25063 01959  
29112 81626 26571 79687 94884 82137 15792 01211 90027 47748  
54548 54655 86332 28501 23497 70531 47462 73252 94627 22339  
83656 21950 86406 71038 17866 55042 04569 37756 92995 48452  
10737 15638 74948 07557 86062 56809 31163 78603 82076 95366  
89322 61013 75932 92339 05923 68991 72228 13572 99404 15898  
18605 76434 27509 19811 27294 26341 13568 53710 19815 28976  
51402 88736 37005 89183 43530 03952 81566 32456 52350 61036  
85318 09957 69012 67371 18349 13020 29645 75937 82244 08049  
33633 95457 54591 27778 43642 09248 76933 79806 72056 26178  
03377 58360 83538 12219 52017 70215 68389 75974 26403 10716  
66392 06668 99188 50829 45835 88002 75194 21173 67397 36338  
76041 03952 87585 36625 13560 68742 81407 74523 44154 13063  
88973 88156 21307 93669 15710 87929 88426 59502 40872 17851  
79201 22242 14048 56795 17668 25393 44337 83147 35176 97843  
11893 51257 46429 02831 56513 53158 51798 18259 22972 63967  
58091 09303 67776 94418 34971 79227 57036 98962 49199 09375  
10136 12871 43903 24248 68889 16779 55051 42621 96880 52110  
82316 00636 38657 35818 56531 57797 93479 47877 70903 21824  
83311 89969 68196 53277 19729 38800 01046 35920 99447 42473  
07614 23729 83149 63193 00000

**11159/9188/7669 kHz, 27-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 27-07, 1200/1210/1220 UTC**

11166 70202 68127 26064 02199  
25274 02304 95453 32403 54012 75807 25619 64311 58330 18054  
24002 11442 67215 14474 95289 59794 98530 68723 04405 42259  
33111 41878 16270 56188 96367 29235 23566 20912 39609 35652  
67156 98626 38251 35353 78875 27107 49111 27147 01380 37669  
93972 20995 64721 56819 61601 16860 24358 15044 45414 61783  
90271 11154 58975 96115 01889 05640 96510 24851 28491 41466  
30633 74993 99799 15747 64459 24895 96420 50731 80310 16508  
54848 37552 52181 86480 66698 51157 14166 77040 76870 59877  
02032 12600 10330 78053 10119 53018 82176 35175 30763 59470  
70716 59950 68430 33841 58200 02768 45734 17597 68927 44962  
43545 61065 59401 68342 42369 99068 40221 83407 57175 93831  
34407 39692 82874 31120 01822 66676 92631 80541 84415 18707  
56193 55932 51939 22346 70419 36794 52844 49617 19220 36689  
00045 65548 05064 29559 46226 23485 19261 69880 28396 06586  
43202 67610 86358 38949 97743 03857 84805 14804 82919 98204  
93701 19212 75180 63639 06669 38701 74332 10010 02030 85286  
17376 81964 76235 82302 01425 42287 04326 85487 82891 36597  
07136 37770 45136 00319 29930 81170 51754 93883 62147 74278  
27697 77089 52943 88729 35417 58554 02226 83124 38213 81212  
31868 77832 67973 29777 66775 79098 39501 71114 80513 25920  
78611 63466 85169 58100 56178 95460 70140 28943 45334 40837  
19531 11006 43994 39839 62859 68359 29911 64217 00000

**11159/9188/7669 kHz, 28-07, 0700/0710/0720 UTC**

**10629/8138/6774 kHz, 28-07, 1200/1210/1220 UTC**

11166 70202 63574 27065 01879  
86614 24817 62330 64546 84658 34185 70821 44862 23458 54048  
98214 15842 16706 53344 66507 49083 05371 26824 74042 34219  
02241 36552 96741 53864 10402 23032 37492 99281 45326 34400  
65860 37712 15261 47124 15326 67297 39607 76638 30228 20544  
09972 01365 79597 02254 23585 48541 80080 72871 43768 15316  
95119 13168 67137 23522 02607 31226 02240 31587 48168 97633  
89294 52004 26287 19843 15738 47818 56447 91630 07260 06535

46477 78586 99013 14930 60297 25580 16688 83154 32244 97132  
22129 91612 95161 86643 03204 59013 14455 55396 12591 55067  
45288 87286 85178 06237 55109 70215 88763 67999 78698 40075  
87749 62046 97926 48275 24507 01862 63397 38735 48101 55123  
00184 45292 45079 16346 64828 45454 51979 88227 45798 31440  
54284 95120 24591 84439 01471 77065 39666 63034 92872 37833  
20399 41719 14025 45405 83245 60456 28186 08341 07292 71200  
52725 76445 31397 92337 75057 39210 40095 06970 87817 20431  
30463 65986 47962 92458 77129 81853 89479 58521 37612 24069  
44409 76543 65178 52215 51843 22909 21416 47540 59600 19606  
05691 29018 48272 73183 43693 64819 32317 98963 02248 15125  
17885 28950 22588 67225 22078 65185 00000

11166 70202 12548 27066 01979  
42446 08979 62666 61456 58255 36985 31791 73908 61606 93857  
90061 01508 14304 98348 54949 25126 63368 73829 59595 66900  
76586 19744 78836 64075 30484 45272 66257 98024 74195 82382  
88218 08139 17636 20469 65789 45261 17434 29762 60541 44359  
59054 65686 65109 21129 58551 71375 84490 22208 32384 20510  
18993 83688 08740 67677 84789 77618 78799 98437 33003 51184  
11376 96289 53261 88248 79375 68707 72669 47947 71510 99462  
86126 60013 87701 19388 78920 81541 41614 12792 27562 44851  
18753 01712 89758 51163 63567 75171 19505 89753 94000 55663  
68193 87290 66904 20010 57707 17033 42787 16816 36420 22579  
23303 47689 54040 35850 59938 04414 16249 94010 57326 79275  
05049 84986 19630 90710 75786 76295 13421 91482 66757 06865  
45509 51556 82362 46518 79150 32878 35723 52829 37060 98229  
61714 80032 64694 21351 36342 19661 52216 90527 63409 77617  
38587 22816 14402 17356 46234 31100 32532 23868 19712 11177  
36888 68150 66810 41035 87609 76851 25541 09541 98039 36787  
05442 16696 04792 88997 76629 12673 31652 92047 05051 67805  
08282 59252 57356 90714 29631 99517 23847 36783 67016 16476  
32918 74135 66798 45617 55448 99332 97592 34090 22569 19955  
31950 92869 05246 46274 73451 66195 00000

**11159/9188/7669 kHz, 29-07, 0700/0710/0720 UTC**

11166 70202 56981 29038 00049 00000 00000 00000 00000

F06a – FSK 200/1000

7476/6855/5249 kHz, 01-07, 0400/0415/0430 UTC	File 04434
7377/6837/5329 kHz, 07-07/08-07, 0400/0415/0430 UTC	File 04435
7377/6837/5329 kHz, 14-07/15-07, 0400/0415/0430 UTC	File 04436
7377/6837/5329 kHz, 21-07/22-07, 0400/0415/0430 UTC	File 04437

20165/16344/14881 kHz, 02-07/03-07, 2100/2115/2130 UTC	File 44427
20165/16344/14881 kHz, 09-07/10-07, 2100/2115/2130 UTC	File 04428
20165/16344/14881 kHz, 16-07/17-07, 2100/2115/2130 UTC	File 04429
20165/16344/14881 kHz, 23-07/24-07, 2100/2115/2130 UTC	File 04430
20165/16344/14881 kHz, 30-07/31-07, 2100/2115/2130 UTC	File 04431

X06 - Mazielka

12188 kHz, 21-07, 1019 UTC, CW      Test: 111111

See also the Diplomatic Stations chapter

13368/12168/11168 kHz, 1210/1230/1250 UTC

**13368/12168/11168 kHz, 01-07, 1210/1230/1250 UTC**

311 311 311 1 311 311 311 1 311 311 311 1  
06028 00126 28587 80431 22998 10425 96355 68085 58609 02908  
19976 15527 99361 16920 52733 13997 07778 73459 81301 23166  
88229 61785 98083 32143 71467 68870 10923 64076 35497 81368  
36511 84104 10948 44118 34308 53632 89692 62137 30325 04491  
63860 92843 63850 24909 09366 15026 62858 63860 51599 53298  
28238 06120 31881 17567 42995 91843 75814 81419 73367 75340  
24868 70002 02114 39833 69238 30977 72195 28581 90874 90587  
18162 85936 68833 72385 66240 53460 24576 99278 99087 63865  
06519 14297 28156 25472 94001 90768 64382 41950 52416 84823  
21567 40843 81522 79923 01593 94029 03399 41768 09155 08989  
09604 11039 23287 50542 86430 74761 89303 46634 14266 84815  
85818 20953 71836 64630 21396 11440 39833 09746 49372 50806  
63757 64534 91174 49332 72001 66036 00162 30847 23034

**13368/12168/11168 kHz, 06-07/08-07, 1210/1230/1250 UTC**

311 311 311 1 311 311 311 1 311 311 311 1  
02343 00114 66596 98383 48398 16416 58844 93967 05421 52275  
32890 71397 50815 88991 87248 45647 69593 88244 14966 46495  
90925 02924 63740 07105 67931 55912 29323 26383 98781 95620  
48432 99457 44428 93384 68362 17499 48973 26311 88715 19256  
64782 03618 85668 62924 88538 55528 84902 08059 60560 22332  
52768 88731 74700 36596 97294 94798 63473 18520 95142 25767  
89332 99268 07770 47720 21729 07782 10439 48600 67203 42752  
29163 67527 10283 16908 21180 37087 29650 74638 26838 88146  
15841 09318 90800 77975 61082 81514 57728 70235 98374 31452  
93219 09911 27407 33231 31839 21388 60163 69510 78476 69694  
26587 15885 10284 79653 64198 46562 97975 61174 84777 11581  
09539 09038 04337 92617 63556 63324 11342

**13368/12168/11168 kHz, 13-07/15-07/20-07/22-07, 1210/1230/1250 UTC**

311 311 311 1 311 311 311 1 311 311 311 1  
07717 00094 31159 28089 66942 47847 89556 72881 85894 40490  
40514 83989 63610 78505 42445 87368 04488 41609 11083 25580  
90823 73787 21398 01819 01485 07711 04136 76003 34444 38035  
12502 64245 15675 04261 02482 72623 96824 58616 99734 26816  
64255 13611 85448 35852 81130 57127 94706 25065 47428 85094  
34569 75237 96187 18287 53099 00968 66016 39991 00348 27226  
05499 33989 37038 11701 10224 36060 89517 47126 60604 17691  
54538 30789 22343 84374 60186 41461 11848 44132 91141 05887  
71850 03154 85083 50657 73845 77046 91972 64641 94237 72281  
21515 48081 38000 43118 82549 60281 02773

**13368/12168/11168 kHz, 27-07/29-07, 1210/1230/1250 UTC**

311 311 311 1 311 311 311 1 311 311 311 1  
09253 00130 36189 97079 64776 79898 32954 52151 36827 28936  
91737 22686 73047 43808 72535 89693 23596 06524 26200 28719  
67013 38837 43708 39655 45022 63573 96283 42783 67139 14137  
54509 96759 31388 83075 94074 30010 89971 24108 26925 69716  
04869 98301 01016 10505 24375 37470 97988 34392 60290 11960  
21268 00775 10335 51302 11663 99602 68952 91188 43467 79260  
68331 25241 80795 92939 80955 98926 26478 20838 78965 97441  
68232 30127 40526 89495 11759 44257 50410 88984 88389 10213  
33779 61273 10753 77036 46707 46410 76879 14212 24832 72457  
58251 36166 62806 28450 63943 26455 43280 97206 22962 73704  
51276 41061 10040 74380 76939 51030 29638 31936 77505 96910  
98993 16710 66810 81103 35077 69058 58885 88449 72623 00767  
21399 33724 07367 09466 47953 66965 86489 31239 38403 59231  
42776 39064 26336

**10446/11474/12175 kHz, 05-07/07-07, 0710/0730/0750 UTC**

367 367 367 1 367 367 367 1 367 367 367 1

00741 00206 80431 12200 45227 18863 20197 18894 39663 51060  
 21264 89138 10154 82039 40374 82351 38104 65092 76960 15355  
 57697 96347 91563 24899 71669 44893 18861 94854 48918 20006  
 51039 61966 70836 06575 31138 09572 01918 69933 27559 62918  
 62154 61008 42216 38059 35129 77538 39047 77544 40591 41562  
 70543 58579 06390 91065 39596 27678 36568 75075 48004 91713  
 40402 67454 81246 93674 11095 70703 15965 51297 73533 78774  
 75619 53608 89069 29888 89344 48819 96486 59580 34037 26459  
 46730 41816 93257 20937 65664 15109 16108 60283 12921 29063  
 07188 42331 93881 62134 46703 50634 23052 55766 19508 20123  
 21933 23036 86332 62723 08652 15658 13139 66264 75347 57532  
 97754 68784 38321 85632 13708 03308 75961 78595 71631 12708  
 33088 07595 50602 88761 02361 56997 28690 83340 51742 35149  
 87022 32550 52909 56684 42599 86422 62968 36304 42275 06283  
 93355 90830 10238 36675 88328 47718 15238 00931 83036 09242  
 48538 34228 82642 52343 96881 61214 85054 99523 41856 63269  
 18801 83278 25225 45718 10472 83369 10854 73495 17595 51050  
 03224 81945 58433 60843 21761 80293 04069 10537 55290 27123  
 00743 65490 61882 39162 60065 70372 81681 78773 05993 21536  
 76657 83154 94891 56393 30419 24663 64896 33527 45284 95071  
 21531 49317 55105 02144 64091 84353 14594 15997 57755

**10446/11474/12175 kHz, 12-07/14-07/19-07/21-07, 0710/0730/0750 UTC**

367 367 367 1 367 367 367 1 367 367 367 1

00753 00188 00705 66581 48095 00789 11498 03073 88677 24367  
 94602 18894 84542 09568 11097 84638 43664 98371 02645 47352  
 21316 06859 94101 34307 21607 83487 00923 85540 71395 43675  
 31065 24868 38846 36069 31373 33421 48849 56801 17258 34318  
 93845 09103 82388 02588 16785 56056 37511 95838 50047 24176  
 73305 45283 63965 33264 46757 54333 86352 49222 32830 36118  
 87978 77558 34297 73440 68553 89292 07830 56200 73621 29635  
 75842 97305 82122 51727 08922 62416 64791 53337 99934 72690  
 69752 14896 43818 69239 70614 84088 14221 56357 84911 56937  
 81321 12818 94415 82921 75528 26525 58145 11345 60607 21748  
 61691 88110 45358 66240 56249 97056 90176 61171 46311 23836  
 80881 19719 99409 10486 87659 09401 46842 22934 91682 94650  
 44946 14906 20350 36290 31356 17205 60303 23193 35903 69086  
 95969 29685 56148 13537 18562 50103 20960 82256 50324 37462  
 76866 61980 81030 40299 96027 25861 77551 29309 55112 51416  
 91321 39858 98017 90158 78088 59308 61226 15753 22518 10246  
 10590 49221 92484 91085 74322 59509 28449 97295 48846 27043  
 16828 50426 68803 73570 67839 12350 57868 08730 75901 55500  
 59698 25724 67388 10988 59245 99736 27670 84205 38417 92424  
 27543

**10446/11474/12175 kHz, 26-07/28-07, 0710/0730/0750 UTC**

367 367 367 1 367 367 367 1 367 367 367 1

01587 00094 36468 42171 15348 37431 14809 29253 81584 32458  
 30150 12616 57187 55265 75836 42306 32721 22238 82044 13088  
 78626 77431 70855 55668 82063 11940 84539 09723 39374 02691  
 53945 93749 27907 05068 96152 71650 14905 73718 96245 78832  
 57722 43051 08150 11495 51869 03410 25820 18569 76514 33806  
 11558 32395 89657 12800 30883 07740 82556 51691 80462 22945  
 96616 03966 84426 04652 59463 48852 85767 38091 76649 79954  
 48311 26372 45581 04118 66257 01911 97198 56991 51227 46461  
 11884 11289 60202 93924 37573 72803 72776 99078 73303 46580  
 84945 59774 56791 78691 99517 63696 37437

## XPA2

13391/13891/14891 kHz, 0800/0820/0840 UTC

**13391/13891/14891 kHz, 01-07, 0800/0820/0840 UTC**

07839 00001 00000 42262

**13391/13891/14891 kHz, 03-07, 0800/0820/0840 UTC**

08157 00001 00000 35265

**13391/13891/14891 kHz, 08-07/10-07, 0800/0820/0840 UTC**

00733 00078 81374 41076 79439 79040 73657 01879 04657 20785  
55960 67977 37191 45953 80854 16503 99683 69892 81444 52618  
70606 57355 02451 25318 52271 51354 95018 99380 15537 95535  
76446 16762 18572 61295 29417 92967 43773 11853 83439 44702  
03233 58526 95770 33207 33765 53544 85780 93427 04359 53867  
66846 49006 75312 31986 43556 28218 86488 06883 65484 07655  
70905 35464 62317 84208 32244 56427 98708 27886 52121 71639  
28091 38739 59811 76466 40819 84819 24465 82385 53275 78637  
44541

**13391/13891/14891 kHz, 15-07, 0800/0820/0840 UTC**

09910 00001 00000 35662

**13391/13891/14891 kHz, 17-07, 0800/0820/0840 UTC**

04692 00001 00000 35265

**13391/13891/14891 kHz, 22-07, 0800/0820/0840 UTC**

04892 00001 00000 36265

**13391/13891/14891 kHz, 24-07, 0800/0820/0840 UTC**

05191 00001 00000 32266

**13391/13891/14891 kHz, 29-07/31-07, 0800/0820/0840 UTC**

00887 00102 16438 02110 93694 16280 02823 40202 47521 51336  
51162 88539 80443 56391 01807 85699 60569 95061 97737 84701  
73870 95272 97117 43842 72032 18861 91505 09629 24335 67740  
30627 14067 19507 64531 48190 50711 64469 65973 80758 92970  
36650 08213 63483 85130 41426 11601 73423 29276 62640 88256  
30444 77088 00637 28736 29097 69483 88653 63049 26580 50971  
63938 47101 38177 60616 62206 40725 49831 71862 46882 10220  
33501 33931 12935 46031 72441 64654 52938 61214 90942 45945  
84863 83471 06379 90303 34788 21402 84178 03467 62787 85143  
89123 00873 35316 86461 78827 80831 95610 18150 10956 39113  
33698 20044 22689 51166 07004

14958/13958/12158 kHz, 1100/1120/1140 UTC

**14958/13958/12158 kHz, 01-07, 1100/1120/1140 UTC**

00833 00195 25128 38147 33901 28633 80649 32564 44296 80251  
61685 96842 91363 97723 75727 98243 12679 81567 99268 47903  
53416 96034 91624 05493 37774 54013 15136 33584 15598 77225  
63247 29296 79715 78533 62320 30558 02664 69976 56798 40964  
25592 37189 54203 89778 22490 27025 95341 55263 67674 79664  
74261 79575 19135 33457 32799 53329 32505 66827 83715 81628  
84411 77050 17707 91976 56939 75640 78557 49799 61931 47538  
65339 40252 09372 86085 37490 63218 83718 67687 64003 07888  
46867 95999 67419 73178 01815 83979 22461 14038 63842 57514  
48052 14266 86122 46871 32423 94991 13491 39537 62219 10079  
10525 44119 90595 44122 74472 62394 21380 27469 77534 27485  
16328 02553 09766 71371 56907 95879 75293 62028 96934 19692  
16247 94120 18087 84407 18799 48261 31657 25803 40546 49467

22378 70843 09383 45299 64118 09753 96801 04865 93691 30981  
96919 98922 00022 90456 28315 15933 98008 82446 11133 69984  
36340 96030 35789 99564 83238 27976 41196 40263 36274 51406  
21696 52652 14421 63961 10168 92814 93736 76937 11297 36242  
32146 55963 81172 90526 59908 58891 85874 26645 74699 69665  
81128 70044 65188 03373 42933 07109 12894 86074 55296 55440  
89832 49689 39615 77923 61130 23120 93241 67613

**14958/13958/12158 kHz, 05-07/08-07/12-07, 1100/1120/1140 UTC**

00326 00039 46675 84444 50892 21708 43278 48591 46354 91456  
95718 88900 69369 46532 08273 63359 58440 12713 53165 70038  
26704 14757 43022 98537 77237 39292 04317 48347 93692 38564  
84624 07259 86669 53537 00248 74581 43424 68351 28337 07589  
94915 43405

**14958/13958/12158 kHz, 19-07, 1100/1120/1140 UTC**

02031 00001 00000 31655

**14958/13958/12158 kHz, 22-07, 1100/1120/1140 UTC**

04671 00001 00000 34663

**14958/13958/12158 kHz, 27-07/29-07, 1100/1120/1140 UTC**

05258 00114 25853 37412 15985 07342 49577 74082 35313 91706  
02723 65309 01448 50586 96553 67245 46812 64063 15096 11242  
09589 44080 60775 20006 12682 01860 44906 90816 78764 80874  
45423 14087 31993 78961 94333 55128 95240 59515 87210 52663  
98824 01569 15514 54327 39546 93783 53564 31139 13003 27973  
60091 99148 45419 07692 35481 70735 93474 69564 60356 15992  
99809 29268 85217 30180 94096 05391 94944 79258 71687 63161  
88163 02584 42743 32395 77217 27335 00120 28995 46785 09904  
85319 42034 33565 92058 61191 68353 40509 60991 26441 40625  
15741 82722 60346 40280 86340 19100 68711 74755 11953 54820  
44775 55200 63202 62162 08874 04561 55823 10218 02070 65147  
48590 29905 68284 02313 07197 50672 01150

12124/11124/10624 kHz, 2100/2120/2140 UTC
---

**12124/11124/10624 kHz, 01-07, 2100/2120/2140 UTC**

02845 00148 27932 64850 79330 39016 99874 11064 25668 63467  
93854 21675 62910 08659 63056 01067 84988 86924 00036 23088  
45164 06954 29894 35524 64518 58731 05480 02453 85648 08183  
88297 36300 77395 30957 11377 27880 86252 02400 51225 24377  
15746 39893 34238 05607 42555 30608 75340 14245 61144 35282  
46712 73459 60077 32722 64980 89706 52908 22634 26992 77961  
34287 95421 46872 81207 49235 73824 55066 10204 26800 60103  
88460 63831 56526 25547 15771 98182 18002 71281 85094 95675  
11578 40645 54273 04710 74326 25460 81589 62078 99252 83970  
83098 54284 35396 94905 14161 98567 05535 16664 66735 99483  
79593 69539 25484 24794 97101 34845 03989 53582 05855 05005  
39108 98450 18787 48133 92953 97733 68690 54582 54650 29971  
15836 45866 21347 73310 93512 56376 73246 77423 13664 16740  
12640 55751 05126 10798 43020 20945 73146 89737 47569 20255  
41608 08853 21900 57170 76734 00545 01340 42662 18668 51651  
12043

**12124/11124/10624 kHz, 06-07/08-07, 2100/2120/2140 UTC**

00666 00260 89020 60335 27025 95501 59634 68655 04546 33438  
03637 88380 33574 91312 32070 13404 29205 25828 31520 87392  
94517 20449 62224 78387 80147 84411 47844 17509 03134 56807  
73096 28271 19286 31959 18492 90557 23055 01315 89875 05355  
61604 94936 85660 98334 65946 01358 66552 30613 25496 08675  
72986 95613 00860 53213 62090 36887 62736 39505 73429 32759  
90662 02146 52973 67374 31939 71545 39662 26603 33691 12242

84860 31415 49115 57339 99465 59734 54446 40187 59709 42011  
66319 75290 18079 45016 25747 19094 61349 86814 36116 77676  
14307 74725 78602 40021 56998 84740 15183 81306 48729 96740  
83017 53012 40175 06278 10439 00422 87920 88972 23999 26746  
80347 00682 62026 72581 42987 78321 51197 19528 54836 28706  
21528 20954 30039 03232 88969 68250 35436 25682 25007 87255  
65118 94822 73409 46196 14986 83294 28121 99823 71107 27444  
07501 68494 58855 56258 19781 60323 87275 18773 83372 81951  
52192 00936 32370 69929 07517 46193 05863 39883 40820 90429  
61889 30614 86007 25335 64806 65847 02000 79583 29647 35439  
47112 90915 50496 20908 16144 59404 26963 77295 85960 50628  
18023 99865 97154 64623 79546 97111 51685 10264 66696 78331  
20936 50103 95661 90599 69288 55834 13530 35718 82900 18250  
07728 95764 26710 50469 08805 07546 71252 23863 31769 52066  
31177 05023 67404 50260 67599 67195 45195 69585 10438 71278  
57356 73222 21138 73248 31258 53189 87808 35400 03027 47313  
86128 38791 63973 76812 13690 06100 47937 56595 00636 92948  
56037 45420 34225 78899 34244 01600 82094 80951 48419 10284  
27810 31988 26649 27730 94754 51320 77117 48576 85086 58953  
68466 46218 32301

**12124/11124/10624 kHz, 13-07/15-07, 2100/2120/2140 UTC**

00810 00204 08553 59231 70483 16820 67968 87144 19135 23300  
60905 22032 45652 20049 29988 13523 94417 55487 90396 75225  
27195 21107 60316 24398 92609 57887 90197 19138 04779 31892  
48165 13728 68493 79954 04615 72727 58108 24483 69082 75616  
89020 08741 01287 96491 24202 59959 22300 43885 84708 26563  
44424 59035 33506 91319 57976 50149 22435 81074 73147 83462  
36828 26959 40068 75523 58194 69213 47394 17221 21409 08882  
56552 07864 93988 24043 71827 90356 75151 22329 10420 33734  
46353 44479 67069 75707 74715 58527 23733 78788 13941 56647  
25007 58783 79494 91291 92031 20365 99612 99435 34242 32134  
27809 23242 46592 66091 47854 34487 01306 87777 63007 98834  
38615 90066 91922 58083 17939 64816 43632 73137 36631 92719  
17839 80241 38981 41431 21936 46455 07003 15090 59896 28963  
89821 29403 48549 44429 49924 43970 60945 66916 11417 32188  
31041 31882 11881 63525 47846 20047 68629 52159 62018 34644  
51846 17836 42918 45109 41345 52214 57091 52976 85523 16407  
83633 05386 58042 33067 69674 39186 79773 00005 64640 12691  
13652 62582 37994 17310 75874 20767 20317 23980 91644 27830  
49665 28909 11004 06817 84334 73944 60045 29889 47957 27262  
09443 55558 14136 84841 58085 24644 18985 44522 63683 56877  
92124 43218 61320 37289 07196 85023 12340

**12124/11124/10624 kHz, 20-07/22-07, 2100/2120/2140 UTC**

04540 00156 68367 91127 36892 73815 79554 13722 80476 08195  
50014 05088 11498 02535 37930 75321 68619 10736 66805 27923  
29857 23746 54040 05047 76999 09181 59511 31112 89861 03985  
52127 54324 17759 96213 50816 67878 36988 79096 18483 68786  
52763 08466 01651 09473 54215 93662 27776 50310 20126 18816  
18560 09110 78414 63433 15435 76885 94380 82360 09029 78655  
18034 16221 63165 46266 79128 52400 06567 90032 47453 77416  
28169 27832 15848 10413 67938 61632 13902 71175 11117 09341  
73343 16539 71311 92258 53729 05575 12625 27146 83845 72231  
17754 19603 25742 84380 70743 26585 73399 10025 37380 84141  
77716 18490 68442 78627 75486 86387 72348 17063 79611 23896  
12510 42832 44656 89359 28019 17619 40495 17345 34350 27780  
49835 03920 78774 03963 82353 89125 38789 56230 97826 45893  
59936 93306 86276 22246 60169 59745 62451 77625 43759 84086  
40399 02198 71687 51331 14266 47113 94572 97176 24329 65190  
45348 09891 03329 75320 03721 75341 86310 16349 15335

**12124/11124/10624 kHz, 27-07/29-07, 2100/2120/2140 UTC**

05711 00206 94806 20524 89536 93565 64921 57748 46304 37063  
19460 83770 83803 20810 24853 60812 99445 70047 57655 88816  
25016 11358 74089 49362 95003 41051 28397 21160 55494 66567  
32675 92941 34082 81036 02287 52438 12363 34771 36693 72720  
35197 55299 52348 27662 70220 13739 42367 95520 56000 90384  
96058 52116 18451 06833 23727 66267 99711 60719 24643 87643  
01940 85847 05272 18342 32488 87462 44940 16518 43955 20787  
17340 52506 24035 24834 27933 82741 78253 82988 91389 48491  
48753 47864 52458 17244 00299 25309 85102 36398 67326 66878  
34703 98569 79258 17815 72646 37845 36352 01415 56556 00738  
81055 85432 97019 96686 90571 28755 52255 41482 38006 87620  
10902 30852 79248 79763 81110 60631 67566 99681 38833 47969  
68381 66004 34984 07573 62812 88251 21302 56581 62840 20652  
63644 46851 14478 02493 64811 94200 84803 71633 42486 51714  
99742 50360 63907 32171 37822 02070 23022 13223 10932 44055  
92719 24920 37949 01125 12628 34310 60255 31487 28318 70314  
78662 95856 24201 72555 59506 30512 33769 76404 66266 99950  
71332 01493 81420 90459 02349 42044 76616 67882 10595 25816  
09277 66006 51199 45298 39951 48969 72471 55809 95010 63506  
69993 57320 43718 37076 01081 55963 35770 16872 83977 00423  
52996 82098 77822 99957 55926 09870 82037 30713 52355

**13445/12145/11545 kHz, 0910/0930/0950 UTC****13445/12145/11545 kHz, 02-07, 0910/0930/0950 UTC**

00826 00128 85887 46709 91826 63308 44523 42117 52898 48510  
98394 16662 57737 57481 70949 34872 36511 43447 16585 52943  
26830 00644 89059 13560 80598 62791 65831 61736 73535 91535  
32676 82513 82247 50429 63572 38845 07794 64503 66337 37414  
51188 71822 92089 47849 68321 56959 92176 07380 72206 55966  
45553 59039 94836 76087 71066 90074 48842 42377 59320 76691  
37708 89441 03941 35601 15752 65753 53438 39502 82737 79392  
56531 55124 68309 92034 97918 17430 84124 50028 86657 66207  
49337 09499 14174 03553 56448 11645 83809 85966 72571 42998  
78143 27733 52246 36613 21119 19469 49811 59200 17299 74299  
07938 60886 64074 26241 48565 11939 79286 01476 43443 11572  
92853 45542 11296 50903 79923 34535 00951 17824 46248 06271  
29039 76955 00620 65720 80209 41267 25236 17263 99362 54054  
24331

**13445/12145/11545 kHz, 07-07/09-07, 0910/0930/0950 UTC**

00626 00055 31962 40252 25694 97207 80083 24601 75919 80082  
43235 51795 74237 83346 50201 72167 21604 94066 24039 07933  
03710 21175 10049 55872 00965 11534 33532 75166 29713 53862  
79239 70063 83705 84381 06420 52711 43130 81434 82755 76675  
25267 60544 67681 10349 93239 86143 63522 10305 41316 29631  
16379 38896 40464 25034 81058 71586 51390 34757

**13445/12145/11545 kHz, 14-07, 0910/0930/0950 UTC**

09059 00001 00000 35666

**13445/12145/11545 kHz, 16-07, 0910/0930/0950 UTC**

03107 00001 00000 35253

**13445/12145/11545 kHz, 21-07, 0910/0930/0950 UTC**

09051 00001 00000 31666

**13445/12145/11545 kHz, 23-07, 0910/0930/0950 UTC**

08387 00001 00000 36270



**13445/12145/11545 kHz, 28-07/29-07, 0910/0930/0950 UTC**

08813 00195 80318 42215 69795 81393 82804 17210 68409 56297  
29185 40803 16754 12341 08234 28544 96388 91104 21753 04611  
88782 65090 28255 96889 46310 38964 76396 93064 54313 74851  
01480 86436 84021 52255 03281 85483 17342 67924 74353 10521  
83142 86182 20516 13428 45532 65429 35977 05727 32470 86649  
00340 39751 89532 69535 87682 00397 23188 38075 93269 50531  
64803 69725 44964 22453 20994 94746 07288 60719 52887 21770  
31504 67303 26070 26543 79939 97204 71563 78894 72367 83678  
34206 79290 73508 27759 59199 20766 95729 96045 05273 26555  
65633 51394 55855 19728 58253 85636 02705 51507 70864 34944  
65796 38283 89363 55543 49190 25241 37797 73612 98837 00521  
27698 77417 93398 52327 72348 60706 10945 57799 94011 83998  
27021 96759 70422 71589 97080 08150 58139 53508 13013 37955  
59943 27965 08318 74968 22655 19326 51752 98096 60300 66607  
99040 09027 29408 04254 30050 19105 14495 08664 73484 40160  
28188 73860 53332 38784 84190 84621 00846 42087 18090 66233  
40196 20014 47100 97348 98795 69766 28584 14958 65986 65235  
40715 69061 26632 61557 80827 66696 73803 91106 65847 37904  
57163 35712 63354 77487 26012 58570 84686 20760 73687 14622  
25150 15281 30987 39488 34634 37251 54687 72203

13954/12154/11454 kHz, 1500/1520/1540 UTC

**13954/12154/11454 kHz, 02-07, 1500/1520/1540 UTC**

02202 00001 00000 33253

**13954/12154/11454 kHz, 04-07, 1500/1520/1540 UTC**

08339 00001 00000 37263

**13954/12154/11454 kHz, 09-07, 1500/1520/1540 UTC**

09352 00001 00000 33666

**13954/12154/11454 kHz, 11-07/16-07, 1500/1520/1540 UTC**

00725 00283 90252 26378 75808 03529 76131 33866 41168 92945  
15738 00079 48199 31355 83810 37880 79918 57503 63086 25426  
75269 28986 86093 24714 07992 26355 52941 89658 78694 70174  
02751 89935 08536 89638 75353 01202 57968 25187 35169 37423  
39290 47874 00055 35052 97084 90583 32302 39999 99365 11135  
76978 09667 57649 57736 40999 40986 46958 88234 17210 13191  
83445 10321 40576 95344 62218 82887 62812 54628 12315 46708  
62953 85267 93020 50541 48242 47153 96970 34281 66192 42608  
19364 30254 22796 71664 99067 21833 93974 30284 49292 41000  
48305 39453 43009 36203 23853 59001 96050 32604 63759 61483  
79462 06108 74679 84681 54438 93478 65884 78054 18536 39400  
33897 52174 33564 75965 44071 19726 01894 12450 67492 14301  
48388 08120 70237 60503 52962 86374 21090 65098 93485 85440  
32536 85395 06529 84771 63578 65552 01651 14320 42366 07376  
93431 57162 68365 75285 40461 05627 22851 86803 01349 09418  
87460 94930 51251 13319 87106 29815 09760 39181 14777 27725  
49647 29865 21671 35707 98675 76953 89906 48521 24734 59619  
70695 16456 08092 46789 55516 97895 84867 02814 49362 04134  
47406 59177 90326 20471 51238 71076 14724 88069 86068 60804  
34646 84110 48519 10975 36064 26872 97978 20846 37978 89366  
67346 15751 65533 04325 54597 74922 25754 38525 22162 44300  
30420 31798 10220 49291 78628 17117 18986 74323 33697 97714  
93041 25277 00154 25999 43836 28485 53996 08136 82199 80890  
38657 32100 27063 48219 68101 90933 06631 53250 60331 94427  
22283 23277 64565 53272 17820 14551 50545 13323 21955 91972  
82601 53349 74068 45918 44582 33686 13840 48743 79767 54164  
43643 47590 96353 79599 53009 13695 87376 62784 47584 85129  
14977 89643 06998 63846 24370 58716 57862 47598 77408 97554  
05090 15019 17057 05909 37941 72730

**13954/12154/11454 kHz, 18-07, 1500/1520/1540 UTC**

06354 00001 00000 34663

**13954/12154/11454 kHz, 23-07, 1500/1520/1540 UTC**

02763 00001 00000 36260

**13954/12154/11454 kHz, 25-07/30-07, 1500/1520/1540 UTC**

00335 00155 11821 72534 39301 93995 18537 17400 50854 23622  
18379 04929 06078 17917 35893 07680 30462 55904 51670 13260  
33612 00228 33377 32185 81130 26654 40981 06463 39935 20974  
45268 87276 26103 84185 56193 84166 22248 69149 52869 28830  
89101 57616 50298 17000 04705 72919 45434 85104 60635 06701  
14656 81974 71960 93824 81812 91994 29548 59510 73040 43604  
02450 25898 71638 10956 38606 58710 44481 18543 47360 88058  
03475 30806 84549 48160 34733 06633 16388 20830 58566 01660  
34071 66458 44853 38053 89435 89973 86258 19985 65002 44740  
01476 08802 26150 72032 16466 86865 46063 26780 13303 38666  
38020 38326 76335 04836 67258 23332 41677 67275 85653 02694  
09518 64105 61627 91390 73951 69022 11056 74841 77764 91272  
20306 97439 51961 71009 99011 30269 84518 81360 90668 72437  
80744 05221 51754 74477 97403 13152 50602 14599 85451 00741  
69140 41376 96744 61442 86689 40281 68276 58358 90099 30122  
72296 17538 21372 65150 86024 33947 39168 33556

13394/12194/10794 kHz, 2100/2120/2140 UTC

**13394/12194/10794 kHz, 03-07, 2100/2120/2140 UTC**

00729 00124 95787 74559 08688 10625 91535 90046 91338 74701  
87783 68301 81181 11666 33336 22256 10219 00183 36103 10876  
08687 39454 91868 54622 98432 65544 33249 58124 18433 34086  
53564 43246 66333 73228 34991 83709 55518 12453 33184 31269  
41199 12098 98088 33676 16662 13315 83975 79281 48797 79614  
87313 53075 20983 83504 92401 06785 82729 40442 64400 61248  
70746 19963 87960 87091 78679 32961 03436 44923 22977 62748  
70155 28721 83601 88967 25581 10449 93356 10311 74510 61080  
17643 40030 45989 49306 48145 16898 00138 72939 89900 76482  
44071 82069 59984 97971 76575 04728 13120 67555 77064 48280  
76272 59720 77357 27084 97503 51571 83446 69079 24080 53352  
98216 45151 12344 59877 86543 28277 76237 71396 95837 89912  
73818 36868 55358 32130 12941 27521 12274

**13394/12194/10794 kHz, 05-07/10-07, 2100/2120/2140 UTC**

00850 00222 26187 43065 83728 51571 90358 56962 21504 46664  
24255 37680 99180 93603 92762 91309 35746 80539 81362 54896  
64696 83085 76797 23717 66909 53562 67238 53433 69038 10479  
04214 09747 09058 27877 91251 87886 95088 55215 77801 74652  
48512 77858 73947 29333 81346 07407 89540 49605 01677 79383  
76512 64564 92905 60814 03951 28245 73363 77946 55277 41569  
64451 14531 01504 77188 43149 77299 24218 62639 26238 01781  
49329 03766 46359 00285 52913 03532 22737 41879 43165 36180  
48296 49306 48442 82515 54778 56928 06202 10913 28486 28414  
85035 04933 62923 94271 24484 76238 43072 15601 71465 80244  
33552 72191 71471 21966 63023 29851 30883 50978 71319 14125  
33728 24645 13690 62196 90010 48326 11725 23173 69170 87364  
18002 57194 92183 40637 37870 83381 71182 69761 77262 72928  
33902 32505 32112 54745 61368 16661 03778 58416 59788 93319  
11957 05209 39682 08855 14939 22509 49194 42082 04118 08623  
53052 64546 09937 13642 63566 79256 99037 13483 86771 87406  
73217 13967 25084 08625 90799 46159 88188 90203 52005 72914  
09986 58173 54716 97722 48785 36723 19701 58514 78340 99947  
12398 48268 87257 26325 83273 42965 35831 52571 37916 17673  
79753 14483 82314 32394 72210 37590 21498 34246 41923 00896  
56015 08608 07104 04772 39850 42528 54941 04478 01930 15546  
21709 08177 74293 27431 02209 42501 15028 37166 97333 29364  
01398 69676 71968 80833 47467

**13394/12194/10794 kHz, 12-07/17-07, 2100/2120/2140 UTC**

00840 00180 18598 28045 54642 53177 80111 16322 50384 84484  
63611 34238 08376 12167 66133 12932 25977 75635 64813 65049  
42558 21707 85578 73530 02341 27156 45601 80447 11360 65676  
95570 05137 64384 76031 49561 07819 98119 05465 17130 19942  
43034 14597 15262 59668 05094 61119 44961 61439 74454 68844  
12992 83594 22562 82359 41034 53080 04289 82465 49552 77985  
48850 83416 70672 32473 83640 91134 22967 79431 87528 37695  
52366 99235 83242 85783 91507 80050 27198 35530 39321 57142  
13785 85536 15025 68375 20756 64352 40634 98500 70577 34870  
58536 46037 36884 98829 11539 14173 86057 81577 62631 11271  
79374 34818 30043 47009 55459 59382 05384 26528 86504 67242  
89646 33842 38324 96061 68304 53107 89356 26104 62630 09476  
69915 83310 00386 92878 85598 70826 27825 32114 66058 04914  
33543 00134 31555 25804 78701 81718 19373 76581 69461 82783  
86155 84820 65510 82883 71045 00623 13472 79645 53995 09811  
63660 44340 08830 79821 68829 39531 55978 96004 68071 45048  
89700 56646 50082 86600 57359 07265 83077 62881 51566 63235  
61034 81441 12500 20491 87185 53983 42599 09616 79664 29835  
00507 10068 67677

**13394/12194/10794 kHz, 19-07/24-07, 2100/2120/2140 UTC**

04071 00208 10045 88238 77684 89333 34402 90383 89134 34341  
43557 77879 66349 13566 52611 30004 11239 67941 43663 82963  
69605 90667 59035 63682 33998 17925 52590 63712 11250 21693  
14332 88649 06633 08708 78385 12289 11340 55517 68853 23300  
79518 46245 55507 42990 39124 40856 54796 66685 28955 72409  
05522 72228 24426 22223 63330 95666 35997 42384 71184 12023  
60684 51601 31182 31465 89706 22776 24096 99803 74874 22386  
87734 81872 11544 92334 93801 79099 48369 24809 60583 62205  
08477 00339 82117 65711 41700 17020 32270 91110 10095 26803  
40538 72354 59051 28331 20665 19249 42214 22913 12277 82307  
78957 38115 73314 02658 89953 60222 25336 03993 52299 94443  
12889 95928 19471 60677 07414 48696 25774 89253 33019 40366  
52340 29531 37127 05844 82636 16615 42449 56374 74113 15023  
73955 40526 24427 83227 41484 44361 33351 94522 77555 24268  
25505 41582 09960 47015 00887 02629 03241 33127 00333 22620  
64829 72860 05132 91493 08026 91562 05129 35883 99079 68384  
44601 64516 57086 03202 71991 79690 24058 34177 53770 04683  
74737 38502 05727 61366 97776 53827 82315 44802 11990 04916  
82472 66572 80020 07428 70192 85837 05000 84516 75299 46063  
55097 88280 11308 16442 25907 78892 01148 09027 28604 72900  
90788 94809 60470 86336 67227 70002 91202 42597 73517 15072  
12360

**13394/12194/10794 kHz, 26-07/31-07, 2100/2120/2140 UTC**

00839 00268 30737 64585 51065 39785 13583 77432 27617 07386  
61852 95838 34791 79213 74568 53364 26198 73264 84325 03349  
63719 08178 90923 41614 57528 84739 23751 75031 12485 39186  
25926 38950 37944 17765 19468 29230 76314 30968 38167 31653  
75321 94127 15783 07867 96286 27027 89741 20917 48692 08664  
86713 57296 70536 28683 65691 79742 38340 72488 71149 71463  
27989 31513 12619 52161 96914 42066 70797 95657 98103 62370  
03152 64427 46673 82820 27576 21183 99265 01085 38244 26687  
37119 67143 45469 87284 21812 40316 69747 73421 97587 18766  
08513 46729 76532 02867 19851 23854 63054 87340 11921 09323  
97351 16730 17082 38462 55875 90441 67200 08239 40363 96020  
67884 19628 69158 84258 28876 11924 40449 00685 35502 30633  
57108 65626 37312 26401 01418 78818 72781 09404 65275 84412  
58811 16441 99607 36494 63268 46701 89062 75834 42288 88759  
09083 42098 89193 43870 75008 41722 21276 91527 68722 59654  
23348 49077 53120 86261 03865 47621 57128 15779 79051 99687  
12571 63612 12163 59689 24418 80508 84017 68822 28217 55170

52656 13429 56210 20574 03045 66246 49967 05686 37535 26415  
77694 41911 27230 11515 67204 81647 78723 84642 00801 80674  
32690 47771 75878 86868 86999 26859 27030 90832 61903 00047  
58180 02048 87448 90638 54186 92766 43619 43947 41024 93084  
56248 97736 30964 01502 68717 22195 23860 01025 53469 64116  
01395 42006 61644 37082 47984 64558 25586 33004 47148 45752  
72052 75310 39262 80064 18112 69019 14108 45630 04153 40835  
90203 29664 30915 97361 32247 39401 71182 29899 59388 15096  
32209 76611 07263 44028 77533 99125 45682 70350 73438 89606  
49331 45899 51486 25607 35262 74029 94603 05133 48933 60575  
30436

12148/13448/13948 kHz, 0700/0720/0740 UTC

**12148/13448/13948 kHz, 04-07/06-07, 0700/0720/0740 UTC**

00776 00098 16698 45473 23652 28641 09959 58966 59492 45881  
16770 29052 09746 75818 11250 90737 70327 24924 64221 52488  
04598 42536 68658 13161 75753 39000 06329 01464 74838 67090  
32439 76928 60905 01625 66105 06259 11161 73475 94126 35149  
83077 86228 96851 05585 23407 52552 93809 30331 55923 67772  
40354 79384 93706 20209 06973 02803 36270 87925 07671 01655  
25794 97414 64700 14426 75902 24264 69899 84594 75911 67341  
39956 80189 59436 68766 41419 55062 80479 20404 09658 42901  
34082 03570 41641 33181 24349 07685 61537 98324 04492 60458  
94770 95903 88561 42644 65028 66289 90855 51191 88218 54022  
13114

**12148/13448/13948 kHz, 11-07/13-07/18-07/20-07, 0700/0720/0740 UTC**

02838 00122 92042 18720 25659 93486 67932 50719 43594 69189  
66387 29414 91370 35479 42051 78184 85102 29477 83869 56190  
99709 46716 56117 33993 44350 43266 50832 58892 39776 04767  
03302 32635 58561 70788 26434 34877 40106 54096 69188 83928  
79544 92520 71815 88229 77195 85874 44142 79427 00010 84294  
95149 18710 12375 49212 16497 12340 40306 30510 05286 72893  
58169 92555 30360 07143 49828 33574 41758 91221 15011 38423  
89557 74157 75875 60129 73233 52182 36121 17859 87638 88841  
25205 91166 21281 64308 06888 51007 69098 85461 97420 79225  
50318 94537 89481 11156 66594 82886 91140 07377 34568 35690  
49942 57447 62369 53734 49311 03062 71831 05985 80145 87215  
13802 43576 45519 41458 34351 80354 39216 57795 06995 75959  
96211 51811 16673 45056 40765

**12148/13448/13948 kHz, 25-07/27-07, 0700/0720/0740 UTC**

01360 00122 44781 26160 04190 75181 04183 42626 46529 11904  
95114 18172 95833 74072 56906 99717 97311 74524 22027 66886  
47341 19601 05995 79095 24770 07951 73391 59683 67477 59710  
08129 56822 05906 84682 72396 71621 23934 02498 90455 54286  
07268 65921 25743 58724 07490 66169 55622 36116 59124 47023  
99892 32699 51484 77709 84106 06893 93327 69573 29657 93567  
44958 39345 72629 64860 78070 28880 97842 07606 71179 74443  
53402 57619 65103 27535 23196 99120 41984 81063 94383 56562  
05539 88526 23996 34818 60757 17039 99227 34951 17533 12199  
58981 51211 59462 30643 47947 58739 30227 09094 63603 70289  
95370 73166 94898 55664 47486 16228 77706 22305 22685 53782  
74684 18704 55197 46866 74385 71975 42731 26693 86150 44805  
68251 59537 24697 38573 15777

16296/14981/13953 kHz, 0910/0930/0950 UTC

**16296/14981/13953 kHz, 04-07/06-07/11-07/13-07, 0910/0930/0950 UTC**

00855 00073 95395 87393 17985 42760 36938 05822 43057 84038  
22550 79313 90855 40912 62754 52590 72237 01529 87356 67749  
83410 48420 07004 09385 07875 06634 35510 31494 25131 15446  
29331 72667 89405 36396 94036 03603 44873 80020 08108 47147  
05493 90626 19223 58964 64809 55059 62202 37262 02333 92699  
80805 60340 83269 48946 06003 01223 79457 88618 56606 91982  
97811 42125 19533 34845 37877 07016 07370 79397 53812 80463  
16809 27103 43994 41589 73678 17145

**16296/14981/13953 kHz, 18-07/20-07/25-07/27-07, 0910/0930/0950 UTC**

02593 00058 45529 59337 88529 74853 24850 44265 10201 05319  
89072 02861 92192 34701 03699 76694 85431 81743 89607 22429  
13964 81383 92979 79179 13214 63340 66423 77997 30264 04087  
09156 84078 22725 25317 97786 28564 41778 02887 50381 23462  
82772 55344 32931 01223 75010 47140 27893 98089 78227 76112  
06356 65260 73417 86947 38929 25012 91394 13503 92854 92547  
73702

10243/11143/12143 kHz, 0500/0530/0540 UTC

**10243/11143/12143 kHz, 05-07/07-07, 0500/0530/0540 UTC**

00857 00153 62443 90043 34181 45236 00002 32317 66688 98584  
69541 21005 69895 28019 21771 62452 19162 49613 87369 62814  
22692 20886 64224 80590 71867 31177 55767 53508 46655 55736  
60008 35869 54505 61351 68022 72089 90043 19099 73231 89896  
57256 99919 33149 64531 40230 01966 97033 30497 99371 33576  
31579 62710 25096 57173 98897 62353 69354 08303 82417 81846  
50570 55461 64384 33270 88940 49603 02185 76861 22449 46037  
37171 38600 26179 98198 28557 91270 90283 91135 36417 86477  
36552 75927 66667 79141 91991 98423 10670 61676 30158 67220  
82212 73042 12723 06618 32592 92372 73744 54380 94930 37346  
60411 18000 49934 07848 70454 18520 05496 41115 16561 25659  
13054 15608 65501 66802 46270 59896 96843 10434 70145 40571  
08481 27225 81765 81928 63471 17110 03073 61491 89850 35573  
95460 83637 14657 14833 42926 18668 10193 81773 91018 62077  
17525 81053 47147 50789 93752 16433 70910 21977 84249 41520  
03668 85217 58778 46448 67185 06662

**10243/11143/12143 kHz, 12-07, 0500/0530/0540 UTC**

03357 00001 00000 36260

**10243/11143/12143 kHz, 14-07, 0500/0530/0540 UTC**

01561 00001 00000 34257

**10243/11143/12143 kHz, 19-07, 0500/0530/0540 UTC**

06136 00001 00000 34661

**10243/11143/12143 kHz, 21-07, 0500/0530/0540 UTC**

08854 00001 00000 37265

**10243/11143/12143 kHz, 26-07/28-07, 0500/0530/0540 UTC**

03551 00201 87613 73450 57646 45324 23019 44706 85946 74441  
66037 22269 73503 63920 61844 71932 33077 44962 51172 77313  
28094 09364 85646 02479 73014 09611 04511 09769 92064 97543  
42793 93596 79678 44572 65241 03931 53977 25801 86322 01088  
89802 42381 21380 33396 97905 22384 66935 85574 27181 78796  
13404 00449 18820 49683 95482 46487 29956 83481 54818 73470  
97537 96310 53817 04475 61131 85384 47783 73519 35385 06311  
31019 19283 54552 54678 71467 03317 48616 25772 13289 65747  
02901 35227 94336 64641 43508 19544 00386 63840 20181 13099

89333 88340 08362 10914 00812 12866 38559 45271 51370 15342  
46215 64679 55304 09709 60688 48077 34381 64659 66205 58324  
63605 05885 84353 87850 51751 51397 07077 31026 83776 31028  
90354 70125 79265 40137 65836 48961 52841 71544 92498 95732  
40156 83611 78714 57676 68068 89172 64147 88799 30741 88930  
38083 67194 05274 30702 44438 39875 32777 46394 46634 09322  
28548 67884 53437 00962 01570 01089 67700 38166 00606 97634  
27289 74110 11345 63814 83904 54990 13958 90130 13227 62105  
50422 91342 64371 15684 34674 30083 13204 35819 79494 80699  
37229 26993 21043 13182 62275 41593 53026 78630 96751 11400  
09551 80481 03721 77948 78588 01378 07881 07755 26967 97119  
35285 48353 49309 23420

13638/14438/14938 kHz, 1600/1620/1640 UTC
---

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

01465 00001 00000 35657

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

01050 00001 00000 31256

**13538/14438/14938 kHz, 12-07/14-07, 1600/1620/1640 UTC**

00424 00273 37282 20507 42126 75236 47539 72632 93451 04160  
31656 76806 59013 07041 63326 71314 34294 76655 59991 21301  
59919 66135 28926 37988 25348 23632 80985 82328 97117 44544  
66180 70658 70552 11831 84106 90618 77932 70933 46576 85216  
55533 13544 39162 58610 22910 29375 30840 26862 53806 03542  
84878 44586 33535 31852 64256 64805 90436 06166 41681 00555  
45140 79588 70988 73760 24218 13260 57256 35985 70216 43784  
67625 86145 73561 28887 93322 23892 57385 82594 57342 61493  
86157 00236 18774 82059 32730 12763 38299 41012 95693 54814  
22679 96910 29468 39529 78471 78688 33052 88486 02837 80613  
10178 89082 37553 43204 10002 88141 29276 76164 32596 20586  
86364 77715 14331 67906 93114 76867 13856 96281 16013 34605  
02856 37707 66907 73510 84453 37711 70862 97867 83606 97543  
14102 94000 01708 34267 30810 11020 95584 08349 15943 43245  
84439 67189 33595 07805 09319 41931 07412 92293 54165 85321  
31822 75989 29978 32609 78600 77074 55957 41147 90758 42373  
93490 67553 41653 50272 52570 26170 07268 65277 34016 97704  
29859 30350 97264 71776 27991 17497 94845 44830 12638 85358  
81916 52372 25855 21638 13416 95269 83524 15286 80076 77722  
30542 24471 90836 32121 74332 93651 25000 75336 67572 12282  
98692 47360 44202 48484 22378 76500 98935 06261 86928 40206  
02397 89363 31958 17050 02804 38336 26575 66056 18852 73897  
47032 01579 85855 44451 01125 47371 76015 24539 61917 88247  
05590 74083 80914 79753 68636 49980 87065 29423 07819 48656  
22839 56630 68393 85218 17489 33219 00358 83332 08727 01393  
48937 44801 69972 30533 79994 24157 25186 29157 75664 31380  
05808 87778 14306 99555 66304 76147 81406 19456 96482 34060  
91680 29036 22118 11756 08449 62406

**13538/14438/14938 kHz, 19-07, 1600/1620/1640 UTC**

01921 00001 00000 36253

**13538/14438/14938 kHz, 21-07, 1600/1620/1640 UTC**

06975 00001 00000 40265

**13538/14438/14938 kHz, 26-07/28-07, 1600/1620/1640 UTC**

00888 00189 24636 05873 42594 93543 54985 41548 41241 87244  
29577 90857 26003 47228 99867 88206 51339 02724 04017 25487  
75434 16556 92906 08526 01351 93915 53244 54500 03430 48582  
37584 41348 09694 36936 57771 79181 78855 78868 62812 92248  
32603 77356 19388 68148 83388 52533 54570 09477 06127 77768

81835 09348 53044 75706 52868 19796 28462 35607 97581 56730  
90204 21013 57641 32430 60332 75223 13602 97660 01584 66526  
98336 26079 12474 92900 15969 91562 41750 10496 16207 12637  
03549 11306 78336 45347 28160 13035 55578 70296 53256 30344  
77625 87315 14815 69639 15089 20863 65113 05348 23619 00056  
63262 23521 34194 17966 56975 16130 30813 72766 67460 88061  
35595 32387 47916 96836 23099 98096 95320 99421 93072 80696  
68140 96013 67750 41460 16687 77279 58198 49318 72686 78331  
51260 29328 24399 16514 02969 42760 25221 64351 43272 52080  
66936 13719 61751 60733 24665 43619 86281 31090 99232 21715  
34206 69607 96382 16222 79628 38064 86500 01378 07706 30561  
13488 73919 16408 84254 84145 35795 63183 47474 72008 90124  
08720 66488 84759 13863 18442 23669 62511 07056 99427 87467  
87890 92462 64425 12233 03420 73485 51511 01262 65490 74611  
34917 17061

17435/16235/14935 kHz, 1100/1120/1140 UTC

**17435/16235/14935 kHz, 06-07/07-07, 1100/1120/1140 UTC**

00796 00089 81557 87110 90448 31949 99347 46769 75029 89843  
51416 73630 15782 32634 62699 59149 66902 66277 80426 99973  
91955 17882 15584 28137 07003 37094 30405 23817 34891 36216  
55044 61489 84824 25590 08249 06130 65626 99686 07095 83276  
26869 44291 40907 31970 62765 96337 49608 57528 30823 48179  
08404 30811 11975 74846 76527 41638 11638 77924 26318 97990  
85432 59763 53960 55081 43171 86707 70603 56734 08730 69136  
98624 93007 97955 26810 99706 42270 60015 15532 15958 07858  
10007 67718 37531 94441 77475 89376 64198 51812 32947 04157  
63003 43233

**17435/16235/14935 kHz, 13-07, 1100/1120/1140 UTC**

05474 00001 00000 35264

**17435/16235/14935 kHz, 14-07, 1100/1120/1140 UTC**

07774 00001 00000 36666

**17435/16235/14935 kHz, 20-07/21-07/27-07/28-07, 1100/1120/1140 UTC**

03231 00039 19888 27519 62396 42223 35706 91480 56240 70005  
67084 17360 19778 09922 93172 29725 30150 01423 11129 96886  
12603 84480 57655 05438 27240 77195 33060 27040 29612 70752  
79015 06660 32472 75618 62179 06963 13295 16678 97140 63969  
63188 00774

**XPB1**

13884 kHz, 02-07/06-07/13-07/16-07/20-07/23-07/27-07/30-07, 1100 UTC  
13384 kHz, 02-07/06-07/13-07/16-07/20-07/23-07/27-07/30-07, 1120 UTC  
12184 kHz, 02-07/06-07/13-07/16-07/20-07/23-07/27-07/30-07, 1120 UTC  
11584 kHz, 02-07/06-07/13-07/16-07/20-07/23-07/27-07/30-07, 1130 UTC  
11084 kHz, 02-07/06-07/13-07/16-07/20-07/23-07/27-07/30-07, 1140 UTC  
10584 kHz, 02-07/06-07/13-07/16-07/20-07/23-07/27-07/30-07, 1150 UTC

15876 kHz, 02-07/04-07/08-07/11-07/16-07/18-07/23-07/15-07/30-07, 1200 UTC  
14876 kHz, 02-07/04-07/08-07/11-07/16-07/18-07/23-07/15-07/30-07, 1210 UTC  
14376 kHz, 02-07/04-07/08-07/11-07/16-07/18-07/23-07/15-07/30-07, 1220 UTC  
13976 kHz, 02-07/04-07/08-07/11-07/16-07/18-07/23-07/15-07/30-07, 1230 UTC  
13376 kHz, 02-07/04-07/08-07/11-07/16-07/18-07/23-07/15-07/30-07, 1240 UTC  
12176 kHz, 02-07/04-07/08-07/11-07/16-07/18-07/23-07/15-07/30-07, 1250 UTC

14644 kHz, 03-07/05-07/10-07/12-07/17-07/19-07/24-07/26-07/31-07, 1900 UTC  
13444 kHz, 03-07/05-07/10-07/12-07/17-07/19-07/24-07/26-07/31-07, 1910 UTC  
12144 kHz, 03-07/05-07/10-07/12-07/17-07/19-07/24-07/26-07/31-07, 1920 UTC  
11044 kHz, 03-07/05-07/10-07/12-07/17-07/19-07/24-07/26-07/31-07, 1930 UTC  
10344 kHz, 03-07/05-07/10-07/12-07/17-07/19-07/24-07/26-07/31-07, 1940 UTC  
9244 kHz, 03-07/05-07/10-07/12-07/17-07/19-07/24-07/26-07/31-07, 1950 UTC

11168 kHz, 04-07/05-07/11-07/2-07/18-07/19-07/25-07/26-07, 0500 UTC  
11468 kHz, 04-07/05-07/11-07/2-07/18-07/19-07/25-07/26-07, 0510 UTC  
12168 kHz, 04-07/05-07/11-07/2-07/18-07/19-07/25-07/26-07, 0520 UTC  
13368 kHz, 04-07/05-07/11-07/2-07/18-07/19-07/25-07/26-07, 0530 UTC  
13969 kHz, 04-07/05-07/11-07/2-07/18-07/19-07/25-07/26-07, 0540 UTC  
14569 kHz, 04-07/05-07/11-07/2-07/18-07/19-07/25-07/26-07, 0550 UTC

## **Q26 - Chinese military**

**9323 kHz, 21-07, 1057 UTC. Message in progress**

QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL? NR 005

YSH5 YSH5 YSH5 DE 8ZMY 8ZMY 8ZMY  
YSH5 YSH5 YSH5 DE 8ZMY 8ZMY 8ZMY  
YSH5 YSH5 YSH5 DE 8ZMY 8ZMY 8ZMY  
SY072103 6710 6127 2360 8213 3486 9650 4392 2385 0000 0000  
4205 2960 2760 8971 9025 5263 8713 6897 9875 5724  
7045 5396 2456 0253 2980 1281 3813 0641 8316 2350  
4219 4502 2576 9071 2364 1985 2840 1460 9327 4512  
8056 7809 9517 8250 6013 0365 0198 6154 9524 2458  
9523 2761 0638 6806 5793 6437 6156 7834 2746 2468  
3971 8627 9827 5340 8464 1563 2197 7481 4381 9532  
1691 1097 5698 2704 3985 0759 8130 7468 9273 6304  
9730 4089 9349 0841 5789 2541 7354 8437 6249 0735  
1745 9340 4139 8214 9167 3058 1562 4706 6801

QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL?QSL? NR 005

9153 kHz, 01-07, 0701 UTC	Message followed by CW traffic (M95)
9054 kHz, 01-07, 0854 UTC	In progress
4243 kHz, 02-07, 1144 UTC	Messages //9054 kHz
9054 kHz, 02-07, 1144 UTC	Messages //4243 kHz
8073 kHz, 02-07, 1131 UTC	XSV85 sending messages //4364
4364 kHz, 02-07, 1131 UTC	XSV85 sending messages //8073
8947.5 kHz, 21-07, 1124 UTC	Message
9061 kHz, 22-07, 1023 UTC	4-figure groups message
10118 kHz, 22-07, 1053 UTC	Message
12155 kHz, 22-07, 1100 UTC	Message
19919 kHz, 24-07, 1342 UTC	Idling

## **DIPLOMATIC STATIONS**

### **North Korean diplomatic stations**

Mode: DPRK-ARQ 600 LSB

14444 kHz, 02-07, 1309 UTC	North Korean embassy Havana wkg North Korean embassy Caracas (QSL 14851 kHz LSB)
14920 kHz, 02-07, 1413 UTC	North Korean embassy Havana wkg North Korean embassy Caracas (QSL 14561 kHz LSB)
12200 kHz, 11-07, 1237 UTC	North Korean diplo.
16664.4 kHz, 20-07, 1408 UTC	North Korean embassy Havana wkg North Korean embassy Caracas (QSL: 16887.53 kHz)
12400 kHz, 22-07, 0806 UTC	North Korean diplo i.p.
12400 kHz, 29-07, 0805 UTC	North Korean diplo i.p.



## ***Egyptian diplomatic stations***

**16011,7 kHz, 10-07, 1312 UTC, SITOR-A 100/170. MFA Cairo wkd Egyptian embassy Washington**

TO WASHINGTON TIME & DATE: 12:00, SUNDAY, JULY 10, 2022

NUMBER OF GROUPS: 2809

URGENT

00286570 00C28 43B65 4608C 69C53 71FCF F7CC0 EA6F4 2B2F9

17416.7 kHz, 19-07, 0741 UTC, SITOR-A 100/170

Egyptian diplo i.p. Ended with HJKJ 4 / 2 YKDK AUKD +?

## ***Russian diplomatic stations***

13556 kHz, 01-07, 0819 UTC, MFSK-6  
14392 kHz, 04-07, ??? UTC, MFSK-6  
19511 kHz, 07-07, 0714 UTC, MFSK-6  
12219 kHz, 07-07, 0714 UTC, MFSK-6  
17468 kHz, 07-07, 1322 UTC, MFSK-6  
15920 kHz, 08-07, 0454 UTC, MFSK-6  
12177 kHz, 08-07, 0831 UTC, MFSK-6  
10960 kHz, 10-07, 1038 UTC, Serdolik-v2  
10960 kHz, 10-07, 1044 UTC, Serdolik-v2  
15810 kHz, 10-07, 1045 UTC, MFSK-6  
17451 kHz, 10-07, 1136 UTC, MFSK-66  
15710 kHz, 10-07, 1139 UTC, MFSK-6  
13425 kHz, 11-07, 0818 UTC, MFSK-66  
20690 kHz, 11-07, 0818 UTC, MFSK-6  
11537 kHz, 11-07, 0830 UTC, MFSK-6  
16117 kHz, 11-07, 0934 UTC, MFSK-6  
14683 kHz, 11-07, 1248 UTC, MFSK-66  
12177 kHz, 11-07, 1301 UTC, MFSK-6  
14683 kHz, 11-07, 1313 UTC, MFSK-6  
12177 kHz, 11-07, 1325 UTC, MFSK-66  
14683 kHz, 11-07, 1330 UTC, MFSK-66  
13420 kHz, 12-07, 0754 UTC, MFSK-6  
14861 kHz, 12-07, 0856 UTC, MFSK-6  
17520 kHz, 12-07, 1002 UTC, MFSK-6  
19612 kHz, 12-07, 1008 UTC, Serdolik-v2  
17470 kHz, 12-07, 1017 UTC, MFSK-6  
13369 kHz, 13-07, 0726 UTC, MFSK-6  
13441 kHz, 13-07, 0813 UTC, MFSK-6  
10172 kHz, 13-07, 0813 UTC, MFSK-6  
7988 kHz, 14-07, 0753 UTC, MFSK-6  
13843 kHz, 14-07, 0817 UTC, MFSK-6  
13506 kHz, 14-07, 0945 UTC, MFSK-6  
12130 kHz, 17-07, 0714 UTC, MFSK-6  
11638 kHz, 18-07, 0647 UTC, MFSK-6  
10175 kHz, 18-07, 0714 UTC, MFSK-6  
14377 kHz, 18-07, 0750 UTC, MFSK-6  
12152 kHz, 18-07, 0754 UTC, MFSK-6  
10453 kHz, 18-07, 0801 UTC, MFSK-6  
12199 kHz, 18-07, 0819 UTC, MFSK-6  
14615 kHz, 19-07, 0804 UTC, MFSK-6  
13401 kHz, 19-07, 0826 UTC, MFSK-6  
17421 kHz, 19-07, 0918 UTC, MFSK-6  
14650 kHz, 20-07, 1109 UTC, MFSK-6  
19511 kHz, 21-07, 0715 UTC, MFSK-6  
18197 kHz, 21-07, 0926 UTC, MFSK-6  
11071 kHz, 26-07, 0755 UTC, Serdolik-v2  
16255 kHz, 26-07, 0812 UTC, MFSK-66  
14939 kHz, 26-07, 0818 UTC, 8PSK+MFSK-66  
14656 kHz, 27-07, 0749 UTC, Serdolik-v2

MFA Moscow clg 324615: Russian embassy Madrid  
MFA Moscow clg 532614: Russian embassy Paris  
MFA Moscow clg 314265: Russian embassy Antananarivo  
MFA Moscow clg 162543: Russian embassy Nicosia  
MFA Moscow clg 436512: Russian embassy Harare  
MFA Moscow clg 216435: Russian embassy Dhaka  
MFA Moscow clg 356412: Russian embassy Berlin  
Russian diplo/intel.  
Russian diplo/intel.  
MFA Moscow clg 145632: Russian embassy Algiers  
Russian diplo/intel.  
MFA Moscow clg 261453: Russian embassy Cairo  
Russian diplo/intel.  
MFA Moscow clg 156234: Russian embassy Kampala  
MFA Moscow clg 421635: Russian embassy Oslo  
MFA Moscow clg 463125: Russian embassy Rabat  
MFA Moscow messages to Russian embassy New Delhi  
MFA Moscow clg 364152: Russian embassy New Delhi  
MFA Moscow clg 364152: Russian embassy New Delhi  
Russian diplo/intel.  
Russian diplo/intel.  
MFA Moscow clg 534216: Russian embassy Baghdad  
MFA Moscow clg 542136: Russian embassy Beijing  
MFA Moscow clg 612534: Russian embassy Ashgabat  
Russian diplo/intel.  
MFA Moscow clg 216354: Russian embassy Chennai  
MFA Moscow clg 435621: Russian embassy Maputo  
MFA Moscow clg 263145: Russian embassy Prague  
MFA Moscow clg 465132: Russian embassy Sofia  
MFA Moscow clg 561243: Russian embassy Helsinki  
MFA Moscow clg 153624: Russian embassy Damascus  
MFA Moscow clg 164532: Russian embassy Dublin  
MFA Moscow clg 452163: Russian embassy Kabul  
MFA Moscow clg 165324: Russian embassy Vienna  
MFA Moscow clg 263514: Unid embassy  
MFA Moscow clg 432516: Russian embassy Bern  
MFA Moscow clg 432516: Russian embassy Bern  
MFA Moscow clg 432516: Russian embassy Bern  
MFA Moscow clg 532614: Russian embassy Paris  
MFA Moscow clg 125643: Russian embassy Ulaanbaatar  
MFA Moscow clg 154263: Russian embassy Rome  
MFA Moscow clg 246531: Russian embassy Accra  
MFA Moscow clg 215346: Russian embassy Mumbai  
MFA Moscow clg 314265: Russian embassy Antananarivo  
MFA Moscow clg 645321: Russian embassy Ho Chi Minh City  
Russian diplo/intel.  
Russian diplo/intel.  
Russian diplo/intel.  
Russian diplo/intel.

14732 kHz, 27-07, 0752 UTC, 8PSK+MFSK-66	Russian diplo/intel.
14861 kHz, 27-07, 0815 UTC, MFSK-6	MFA Moscow 542136: Russian embassy Beijing
13369 kHz, 27-07, 0824 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy
14515 kHz, 27-07, 0840 UTC, 8PSK+MFSK-66	Russian diplo/intel.
11588 kHz, 27-07, 0848 UTC, Serdolik-v2	Russian diplo/intel. Moved from 14478 and 16235 kHz
14475 kHz, 27-07, 0912 UTC, Serdolik-v2	Russian diplo/intel.
16116 kHz, 27-07, 0905 UTC, MFSK-6	MFA Moscow clg 134265: Russian embassy Tunis
18504 kHz, 27-07, 0912 UTC, Serdolik-v2	Russian diplo/intel.
13985 kHz, 27-07, 0918 UTC, MFSK-6	MFA Moscow clg 134265: Russian embassy Tunis
14814 kHz, 28-07, 0700 UTC, 8PSK	Russian diplo/intel.
10474 kHz, 28-07, 0935 UTC, 8PSK+MFSK-66	Russian diplo/intel.
13506 kHz, 28-07, 0949 UTC, MFSK-6	MFA Moscow clg 164532: Russian embassy Dublin
12083 kHz, 28-07, 1005 UTC, MFSK-66	Russian diplo/intel.

## **CLANDESTINE / TARGETED RADIO & JAMMERS**

7060 kHz, 04-07, 1404 UTC, LSB	Anti Russia messages
7055 kHz, 08-07, 1723 UTC, LSB	Russian and Ukrainian stations jamming each other. Later also music/songs
7050 kHz, 08-07, 1727 UTC, LSB	Anti Russia slogans
7055 kHz, 22-07, 2040 UTC, LSB	Anti Russia broadcast

## **UTILITY ROUND-UP**

### **North Korean military**

**4933 kHz, 03-07, 1245 UTC, CW, i.p.**

VVV K4A DE 3.. QSA 3 PSE K =

98819 88 8893 8893 K

OK QRU QRU SK SK T T

### **Chinese military**

**8217 kHz, 20-07, 1048 UTC**

Chinese military using 4+4 QPSK, 30-tone ODFM and CW. Operator chats in Chinese voice between the digital modes

Extract of the CW traffic between the two stations.

- 1) U A VVV QSA2 QSA? K
  - 2) TUD
  - 1) QSA? K  
QSA? K  
VVV TT
  - 2) RR
  - 1) RK22 QSA2 K
  - 2) QSA1
  - 1) RSR MSG GT K
  - 2) OK
  - 1) NR 1365 CK 1024 0060 1840 RMK RTN7 TOVR GEL K
  - 2) UV OK
  - 1) RDT 53DA T5TN 4N67 544A 7DNA ND3T N7ND AT4T D6NN 7330D RK
  - 2) RR UNREADABLE QSA
- etc.

## EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsgin	Details
02-07	1844	Celebrity	30 chr EAM 2543KA 4PZN4KOXT4JHZANNFXRDY4T3
02-07	1900	Celebrity	30 chr EAM 2543KA 4PZN4KOXT4JHZANNFXRDY4T3
02-07	1930	Celebrity	30 chr EAM 2543KA 4PZN4KOXT4JHZANNFXRDY4T3
02-07	2000	Celebrity	30 chr EAM 2543KA 4PZN4KOXT4JHZANNFXRDY4T3
02-07	2030	Celebrity	30 chr EAM 2543KA 4PZN4KOXT4JHZANNFXRDY4T3
03-07	0133	Benedict	30 chr EAM 252FUE 2EUTRBXSPUHSTSWGQRDZ5IBJ
03-07	0159	Benedict	30 chr EAM 252FUE 2EUTRBXSPUHSTSWGQRDZ5IBJ
03-07	0230	Benedict	30 chr EAM 252FUE 2EUTRBXSPUHSTSWGQRDZ5IBJ
03-07	0300	Benedict	30 chr EAM 252FUE 2EUTRBXSPUHSTSWGQRDZ5IBJ
03-07	0330	Benedict	30 chr EAM 252FUE 2EUTRBXSPUHSTSWGQRDZ5IBJ
03-07	1741	Benedict	30 chr EAM 25UCIA 2FWJZUKA4SZXJ742ZVSGKUNF
05-07	1135	Anthology	30 chr EAM P3N5OJ QYC3KD25PSXRV7XALMA772TY
05-07	1504	Anthology	56 chr EAM P3SBN6 NBTE2OEDSB5PD6TCPD6JCPZ6GFNBEN2CQKJ7PARCQX2ACRKHUP
05-07	1510	Anthology	34 chr EAM P3HKQX 523UAR2EOJTQ7XOQCX32S6ZXPIC
05-07	1533	Anthology	30 chr EAM P3KPT4 VKHCEYPDGHGIHXSURFCIHLJQ
05-07	1535	Anthology	34 chr EAM P3HKQX 523UAR2EOJTQ7XOQCX32S6ZXPIC
05-07	1537	Anthology	56 chr EAM P3SBN6 NBTE2OEDSB5PD6TCPD6JCPZ6GFNBEN2CQKJ7PARCQX2ACRKHUP
05-07	1546	Anthology	30 chr EAM P3Q4OV RXHWG5E5BZDKL6CWRP6CUNJT
05-07	1602	Anthology	28 chr EAM P3UI7Q XHADO2XBQQIUIWVEZB7YGU
05-07	1801	Anthology	28 chr EAM P3RE2W VFGVQEUYZFCBS5Y4ZIAINJ
06-07	1416	Skillful	30 chr EAM 25GTDX VTJX7AYVDV2GTLXXAAQ2TSE
06-07	1528	Skillful	30 chr EAM for ? P3YUPX E3ABOHMH7LPZWCWYXLUF6EE
06-07	1538	Skillful	30 chr EAM 25GTDX VTJX7AYVDV2GTLXXAAQ2TSE
06-07	1531	Skillful	30 chr EAM for ? P33H32 WXZMXY5RFH5BXZCUJOXJJ7V
06-07	1549	Skillful	30 chr EAM for ? P37726 NH4EPTYN2T25BYEQLNPVO2JB
06-07	1602	Skillful	30 chr EAM 25GTDX VTJX7AYVDV2GTLXXAAQ2TSE
06-07	1740	Skillful	158 chr EAM 7AF6AV 6GEO4OYA4G5CXI4VB4HLNGJI6IQRKRGDGREEFFFYXDQV7VMZA3TZY ZZQZUUUULGYUZYLYC62EC3CIEJJJPBCD3C2UU2HOFXF6NP2222KCQJ4OE73KIEVDHVOU A5CJVJVU6SFSCNJCCCCWUFSCGURO
06-07	2033	Skillful	30 chr EAM 25RNOW J3J3RSVFTANTVYEZT6AO3PZK
06-07	2100	Skillful	30 chr EAM 25RNOW J3J3RSVFTANTVYEZT6AO3PZK
06-07	2130	Skillful	30 chr EAM 25RNOW J3J3RSVFTANTVYEZT6AO3PZK
06-07	2200	Skillful	30 chr EAM 25RNOW J3J3RSVFTANTVYEZT6AO3PZK
06-07	2231	Skillful	30 chr EAM 25RNOW J3J3RSVFTANTVYEZT6AO3PZK
07-07	0418	Obedient	51 chr EAM P327IQ E624AHG7PW7Q6177Q6IEADRSDKZVJIDHHDRKDKDNFQKUS
07-07	0427	Obedient	51 chr EAM P327IQ E624AHG7PW7Q6177Q6IEADRSDKZVJIDHHDRKDKDNFQKUS
07-07	0625	Obedient	142 chr EAM 7A67HQ DAUENOYMA7QZ3NWAYYGL2LVRLVUA3566WNWXXXOVBGAG3G5S FGAYAAAYIIIIUHCLSTHTLNB4BBO4S7777FEKYTHTRT6D6A6666ETTTTYB2Z4A2U46ISGSSS FOIIIIUGNNS4ZYR
07-07	0837	Obedient	58 chr EAM 7A4MV4 VQG2UWSTVC2TK6MYV3Q2DWKVTPCBNSOCJLXMHKCJO34H6ZDIFGEHDELSGW2QMR
07-07	1043	Obedient	51 chr EAM P3OA33 G7HX77DAIDRTSL77TSQVC6B2RZQI2LIC6BURZGIZJP3L
07-07	1509	Obedient	49 chr EAM P3KF2V F23P5XCPKOLJN3BEBODJYA4FMW2JNJSEKEJ4YDEE4DB
07-07	1522	Obedient	30 chr EAM P3WR2G unreadable
07-07	1531	Obedient	49 chr EAM P3KF2V F23P5XCPKOLJN3BEBODJYA4FMW2JNJSEKEJ4YDEE4DB
07-07	1546	Obedient	30 chr EAM P3ALGV L6KVXKP6L4XLU3W6GHJ5BXK5
07-07	1602	Obedient	24 chr EAM P3BGVA EVEUDGOGT3OVUVPOXQ
07-07	1631	Obedient	30 chr EAM P3OQDJ AIS3BFX7OGIMJPPDB3SRNVXO
07-07	1639	Obedient	30 chr EAM 25DMPT KTTX5I4ZWJIYUMB47NS6KVQF
07-07	1643	Obedient	30 chr EAM 25DMPT KTTX5I4ZWJIYUMB47NS6KVQF
07-07	1650	Obedient	49 chr EAM P3KF2V F23P5XCPKOLJN3BEBODJYA4FMW2JNJSEKEJ4YDEE4DB
07-07	1714	Obedient	30 chr EAM 254E3E TDKB6TOVZ7XG7NG3PLZMXUC7
07-07	1730	Obedient	30 chr EAM 254E3E TDKB6TOVZ7XG7NG3PLZMXUC7
07-07	1803	Obedient	16 chr EAM P3CN7P EUSZXFHDO
07-07	1817	Obedient	30 chr EAM 25NC4Y UASX3JQPMRLCZ7RPR3BXK7LF
07-07	1843	Obedient	30 chr EAM 25XI4W PHV52ELADLZLCL5BQ4H4P63VL
07-07	1846	Obedient	30 chr EAM 25NC4Y UASX3JQPMRLCZ7RPR3BXK7LF

07-07	1849	Obedient	30 chr EAM 254E3E TDKB6TOVZ7XG7NG3PLZMXUC7
07-07	1900	Obedient	30 chr EAM 25XI4W PHV52ELADLZLCL5BQH4P63VL
07-07	1903	Obedient	30 chr EAM 25NC4Y UASX3JQPMRLCZ7RPR3BXK7LF
07-07	1906	Obedient	30 chr EAM 254E3E TDKB6TOVZ7XG7NG3PLZMXUC7
07-07	1930	Obedient	30 chr EAM 25XI4W PHV52ELADLZLCL5BQH4P63VL
07-07	1933	Obedient	30 chr EAM 25NC4Y UASX3JQPMRLCZ7RPR3BXK7LF
07-07	1936	Obedient	30 chr EAM 254E3E TDKB6TOVZ7XG7NG3PLZMXUC7
07-07	1952	Obedient	30 chr EAM 25NC4Y UASX3JQPMRLCZ7RPR3BXK7LF
07-07	2030	Obedient	30 chr EAM 25XI4W PHV52ELADLZLCL5BQH4P63VL
07-07	2033	Obedient	30 chr EAM 25NC4Y UASX3JQPMRLCZ7RPR3BXK7LF
07-07	2122	Obedient	30 chr EAM 25E6IT RBW6675VQT7YYJP7KQ4U2T7P
07-07	2141	Obedient	30 chr EAM 25YTSN FDLVIDD3K7XOCYPJZDC5QENR
07-07	2143	Obedient	30 chr EAM 25SLZ7 H3VNAEPKU4NI2JAGBZQOS3WC
07-07	2149	Obedient	30 chr EAM 252IK2 PXTQHAAI6GCEML2JEHU2OE5T
07-07	2200	Obedient	30 chr EAM 252IK2 PXTQHAAI6GCEML2JEHU2OE5T
07-07	2202	Obedient	30 chr EAM 25SLZ7 H3VNAEPKU4NI2JAGBZQOS3WC
07-07	2204	Obedient	30 chr EAM 25RZ2V GHVGFGRGKIZPRECQSKWU4A7
07-07	2206	Obedient	30 chr EAM 25SSEW ZBCQVZ3N2QYUYR3L7Y72NSUA
07-07	2208	Obedient	30 chr EAM 25YTSN FDLVIDD3K7XOCYPJZDC5QENR
07-07	2232	Obedient	30 chr EAM 255W6Y E3CBCXTHUXC7LCKWLQRFVNA7
07-07	2300	Obedient	30 chr EAM 255W6Y E3CBCXTHUXC7LCKWLQRFVNA7
07-07	2330	Obedient	30 chr EAM 255W6Y E3CBCXTHUXC7LCKWLQRFVNA7
08-07	0030	Abundant	30 chr EAM P3HGGH 4XGU2Z4GHYYYCRBZ2TWBGZLP
08-07	0046	Abundant	30 chr EAM 25PN3H 4FFO3ODYB2SNPMS2J2F3KE47
08-07	0059	Abundant	30 chr EAM 256NJ6 5AU2FRRVF3IFHGTAKYV4PSAQ
08-07	0103	Abundant	30 chr EAM 256NJ6 5AU2FRRVF3IFHGTAKYV4PSAQ
08-07	0105	Abundant	30 chr EAM 25PN3H 4FFO3ODYB2SNPMS2J2F3KE47
08-07	0115	Abundant	30 chr EAM 25HZHX 2VJLLUM7AQGXDQ2TSOW3MPLT
08-07	0123	Abundant	30 chr EAM P3YJ5X NVZQR7C6ALXHFRRO4HGY2HSE
08-07	0129	Abundant	30 chr EAM 25HZHX 2VJLLUM7AQGXDQ2TSOW3MPLT
08-07	0132	Abundant	30 chr EAM 256NJ6 5AU2FRRVF3IFHGTAKYV4PSAQ
08-07	0135	Abundant	30 chr EAM 25PN3H 4FFO3ODYB2SNPMS2J2F3KE47
08-07	0200	Abundant	30 chr EAM 25HZHX 2VJLLUM7AQGXDQ2TSOW3MPLT
08-07	0202	Abundant	30 chr EAM 256NJ6 5AU2FRRVF3IFHGTAKYV4PSAQ
08-07	0205	Abundant	30 chr EAM 25PN3H 4FFO3ODYB2SNPMS2J2F3KE47
08-07	0229	Abundant	30 chr EAM 25HZHX 2VJLLUM7AQGXDQ2TSOW3MPLT
08-07	0232	Abundant	30 chr EAM 256NJ6 5AU2FRRVF3IFHGTAKYV4PSAQ
08-07	0235	Abundant	30 chr EAM 25PN3H 4FFO3ODYB2SNPMS2J2F3KE47
08-07	0300	Abundant	30 chr EAM 25HZHX 2VJLLUM7AQGXDQ2TSOW3MPLT
08-07	0333	Abundant	30 chr EAM 25HZHX 2VJLLUM7AQGXDQ2TSOW3MPLT
08-07	0520	Abundant	Skyking message: Destined Time 20 Authentication WF
08-07	1506	Abundant	30 chr EAM for Church P3VB7W 5E3SY2GBWSGEYUSZZNGBMWL5
08-07	1528	Abundant	30 chr EAM for Church P33UO2 NFQMBLEE6AC7QD2RN7XRRQOI
08-07	1640	Abundant	30 chr EAM 25IFX2 2L56VG4IIBASDAQ7WZIZNMZY
08-07	1700	Abundant	30 chr EAM 25IFX2 2L56VG4IIBASDAQ7WZIZNMZY
08-07	1730	Abundant	30 chr EAM 25IFX2 2L56VG4IIBASDAQ7WZIZNMZY
08-07	2106	Abundant	30 chr EAM 257H3H L55H5U3LNI5J2T6X4TFVU7BT
08-07	2108	Abundant	30 chr EAM 257H3H L55H5U3LNI5J2T6X4TFVU7BT
08-07	2126	Abundant	30 chr EAM 25LKQR ORKGRCHLVIP7KNZCXTY6GPNM
08-07	2130	Abundant	30 chr EAM 25LKQR ORKGRCHLVIP7KNZCXTY6GPNM
08-07	2132	Abundant	30 chr EAM 257H3H L55H5U3LNI5J2T6X4TFVU7BT
08-07	2139	Abundant	30 chr EAM 25XBOA K223ONWWEWUYS5HOGSWCVBLS
08-07	2141	Abundant	30 chr EAM 25OFBM S7CXHZHNPXZ6QCIE6JHQIADM
08-07	2144	Abundant	30 chr EAM 252TWN ZEWCASKAJ7I6PKOEFGOSINLBH
08-07	2200	Abundant	30 chr EAM 252TWN ZEWCASKAJ7I6PKOEFGOSINLBH
08-07	2202	Abundant	30 chr EAM 25OFBM S7CXHZHNPXZ6QCIE6JHQIADM
08-07	2205	Abundant	30 chr EAM 25XBOA K223ONWWEWUYS5HOGSWCVBLS
08-07	2207	Abundant	30 chr EAM 257YA6 TOLCUW7E2EZD52Q3RFCXDKVE
09-07	0104	Elopement	30 chr EAM 253LTZ 5WZAH3C3VOTZE4YT6AKHTRCU
09-07	0130	Elopement	30 chr EAM 253LTZ 5WZAH3C3VOTZE4YT6AKHTRCU
09-07	0200	Elopement	30 chr EAM 253LTZ 5WZAH3C3VOTZE4YT6AKHTRCU
09-07	0230	Elopement	30 chr EAM 253LTZ 5WZAH3C3VOTZE4YT6AKHTRCU



09-07	0230	Elopement	30 chr EAM 253LTZ 5WZAH3C3VOTZE4YT6AKHTRCU
09-07	1432	Elopement	30 chr EAM 256PPU MHYKFEJVR6HYFKYGY6TRWXSC
09-07	1453	Elopement	30 chr EAM 257KKX 37FXSFDPKCWSUEDXGIZO7XBE
09-07	1458	Elopement	30 chr EAM 257KKX 37FXSFDPKCWSUEDXGIZO7XBE
09-07	1500	Elopement	30 chr EAM 256PPU MHYKFEJVR6HYFKYGY6TRWXSC
10-07	1626	Alley Oop	30 chr EAM 250T4G NLQJFSSC6PWFLSOHVWGQT6P4
10-07	1626	Alley Oop	30 chr EAM 250T4G NLQJFSSC6PWFLSOHVWGQT6P4
10-07	1715	Alley Oop	30 chr EAM 25TKWK GVIRXLBWYLPV2QREUZ6AHFWY
10-07	1730	Alley Oop	30 chr EAM 25TKWK GVIRXLBWYLPV2QREUZ6AHFWY
10-07	2217	Alley Oop	30 chr EAM 2524CS R5QFVL26EPMZQCYG6LAGXKWR
10-07	2230	Alley Oop	30 chr EAM 2524CS R5QFVL26EPMZQCYG6LAGXKWR
11-07	0346	Dorm Room	30 chr EAM 25LRVG F6FLTZYEQYQBBWZISKCPY4LT
11-07	0400	Dorm Room	30 chr EAM 25LRVG F6FLTZYEQYQBBWZISKCPY4LT
11-07	0430	Dorm Room	30 chr EAM 25LRVG F6FLTZYEQYQBBWZISKCPY4LT
11-07	0500	Dorm Room	30 chr EAM 25LRVG F6FLTZYEQYQBBWZISKCPY4LT
11-07	0530	Dorm Room	30 chr EAM 25LRVG F6FLTZYEQYQBBWZISKCPY4LT
11-07	1343	Dorm Room	30 chr EAM for Ivy-51 P3GSWO MYQXMRZ4PTW2Y3W6DMFDKDMS
11-07	2101	Dorm Room	30 chr EAM 25B5FS UU5YFAITS7I7EZHJCZHIFSVU
11-07	2104	Dorm Room	30 chr EAM 25TOOY KS7OLSX427Q2XGW7ZME3SUZQ
11-07	2111	Dorm Room	30 chr EAM 25MFVJ EYKWTKHDQ3IQ5MWE66AG3UHS
11-07	2131	Dorm Room	30 chr EAM 255OP4 IIKIUTRRCFZ7TM3QNO23AHGS
11-07	2134	Dorm Room	30 chr EAM 25PIZA FO7S2JRI6RR2ODGMEFA3TMLB
11-07	2137	Dorm Room	30 chr EAM 25PIZA FO7S2JRI6RR2ODGMEFA3TMLB
11-07	2140	Dorm Room	30 chr EAM 255OP4 IIKIUTRRCFZ7TM3QNO23AHGS
11-07	2143	Dorm Room	30 chr EAM 25MFVJ EYKWTKHDQ3IQ5MWE66AG3UHS
12-07	0032	Serenade	30 chr EAM 257VPL HPIEDD3KWGBBMCUSE6SYLO3D
12-07	0100	Serenade	30 chr EAM 257VPL HPIEDD3KWGBBMCUSE6SYLO3D
12-07	0130	Serenade	30 chr EAM 257VPL HPIEDD3KWGBBMCUSE6SYLO3D
12-07	0201	Serenade	30 chr EAM 257VPL HPIEDD3KWGBBMCUSE6SYLO3D
12-07	0229	Serenade	30 chr EAM 257VPL HPIEDD3KWGBBMCUSE6SYLO3D
12-07	1430	Serenade	30 chr EAM 25X5Y4 QS3O2TXHX6EF5NM7YICXPTJO
12-07	1500	Serenade	30 chr EAM 25X5Y4 QS3O2TXHX6EF5NM7YICXPTJO
12-07	1506	Serenade	34 chr EAM P3WFX5 XO7I6SAC6UAOA7OFJKSDTTU22AA5
12-07	1546	Serenade	30 chr EAM P3K3X4 TBY6QOUG3JP5CQCG4ZB3K5NC
12-07	1603	Serenade	24 chr EAM P3DIKE V7L572MZQT32DID2XT
12-07	1803	Serenade	16 chr EAM P3MLSK 3DLTQP6DHI
13-07	1302	Identical	30 chr EAM 253KGW A3KJ7SOWNNULFIY5FPUDGL4C
13-07	1400	Identical	30 chr EAM 253KGW A3KJ7SOWNNULFIY5FPUDGL4C
13-07	1516	Identical	30 chr EAM for Bottle Cap, for Puppy P3R7LN Y4HLJP6VFZWSJX3SWFSJUJUH
13-07	1528	Identical	30 chr EAM for Bottle Cap P3SJKJ UO7PZ3IUVVAAACQ32ZU47P3HG
13-07	1536	Identical	30 chr EAM for Puppy P3JTW6 DTR3C4KLMCULUKXIFKCTAWOS
13-07	1647	Identical	30 chr EAM for Beaver Dam P3IRDN TMUMRWVBYZ6TR5VZWEH5UWLS
13-07	1703	Identical	30 chr EAM for Beaver Dam P3ES6A OP6VJMUTJWX2VL24D6WHOGNB
13-07	1731	Identical	30 chr EAM for Beaver Dam P3RRQX ZFPVQME4QEYRZKE5HGPIJ4SM
13-07	1817	Identical	30 chr EAM for Beaver Dam P3ERLV 5B2G6QRMVZVZQXMDTIP7TB2E
13-07	2012	Identical	30 chr EAM 25QT32 2FCT3TJLURND4VVDPU4KIDL
13-07	2030	Identical	30 chr EAM 25QT32 2FCT3TJLURND4VVDPU4KIDL
13-07	2042	Identical	30 chr EAM 25SIQQ JNNDW3DPIRDXXKD73WNQ3O2UC
13-07	2100	Identical	30 chr EAM 25SIQQ JNNDW3DPIRDXXKD73WNQ3O2UC
13-07	2102	Identical	30 chr EAM 25QT32 2FCT3TJLURND4VVDPU4KIDL
14-07	1546	Brimstone	30 chr EAM P3RN73 TLLSY4HX4FQ63XM3JQT2DEUG
14-07	1603	Brimstone	30 chr EAM P3UVGM VKQZ6GSCRM DORU7622SLY2PR
15-07	1603	Blue Chip	30 chr EAM for Gulf? VZBE63 IQYHSDCQDT4QVCB6NKEP23FH
15-07	1503	Blue Chip	30 chr EAM for Gulf? VZI6HW WCD24HYYIB6BGNXXVJBAULCD
15-07	1517	Blue Chip	34 chr EAM VZD4TR CKXG7HU2ZCTJOTSERPA72KQIQHVE
15-07	1532	Blue Chip	30 chr EAM 25EP3F SDRKCLABYS7AGQOB7NPVRG5
15-07	1741	Blue Chip	30 chr EAM 25C72C V7PU77Q4QKQCY2MPP76DRXUS
15-07	1937	Blue Chip	30 chr EAM 25NB2P RHEXVJU7SLUI574J7LU3BWLH
15-07	2017	Blue Chip	30 chr EAM 25USOS V3REWW6QYJQBZGEXXQV2QTS
15-07	2030	Blue Chip	30 chr EAM 25USOS V3REWW6QYJQBZGEXXQV2QTS
15-07	2033	Blue Chip	30 chr EAM 25NB2P RHEXVJU7SLUI574J7LU3BWLH
15-07	2100	Blue Chip	30 chr EAM 25AH3P OASJ3IXFEPL7BQW3SDDIOWC2

15-07	2104	Blue Chip	30 chr EAM 25AH3P OASJ3IXFEPL7BQW3SDDIOWC2
15-07	2106	Blue Chip	30 chr EAM 25USOS V3REWW6QYJQBZGEXXQV2QTSG
15-07	2109	Blue Chip	30 chr EAM 25NB2P RHEXVJU7SLUI574J7LU3BWLH
16-07	1452	Handball	30 chr EAM for Toxey VZMY4S V5FF5IHC2LGXZGJ3BKUD7CTW
16-07	1626	Handball	30 chr EAM for Toxey VZ7LYF BQG5D5JXT3BY74HZPZJGXNFN
16-07	1646	Handball	30 chr EAM for Toxey VZP2VR EO3DTIFKSVAQTZ5PLIW7N3XU
16-07	1744	Handball	30 chr EAM 25GKEX UY4L7KQK72RZVAOEQLODUCTW
16-07	1800	Handball	30 chr EAM 25GKEX UY4L7KQK72RZVAOEQLODUCTW
16-07	1830	Handball	30 chr EAM 25GKEX UY4L7KQK72RZVAOEQLODUCTW
16-07	1900	Handball	30 chr EAM 25GKEX UY4L7KQK72RZVAOEQLODUCTW
16-07	1916	Handball	30 chr EAM for Toxey VZOO2N YXKYSKI2Q4X6T2XZCOTQXNJT
16-07	1930	Handball	30 chr EAM 25GKEX UY4L7KQK72RZVAOEQLODUCTW
16-07	1937	Handball	30 chr EAM for Toxey VZJRWQ JUPJIXQXRSCT4U6MC3SAXTI7
16-07	1952	Handball	30 chr EAM 2553FZ VB7NUOXU6QPJT5U3LNKAP2ZG
16-07	2000	Handball	30 chr EAM 2553FZ VB7NUOXU6QPJT5U3LNKAP2ZG
16-07	2022	Handball	30 chr EAM 25THPK X6J646P233ZLGE063I2EZOIH
16-07	2025	Handball	30 chr EAM 25BLAR GPJWLHQXERBOUB3LZVF2A6ZP
16-07	2030	Handball	30 chr EAM 25BLAR GPJWLHQXERBOUB3LZVF2A6ZP
16-07	2032	Handball	30 chr EAM 25THPK X6J646P233ZLGE063I2EZOIH
16-07	2035	Handball	30 chr EAM 2553FZ VB7NUOXU6QPJT5U3LNKAP2ZG
16-07	2050	Handball	30 chr EAM 25XRXS RB33OKWZKY64GIAIKFHP7MW
16-07	2054	Handball	30 chr EAM 256YVK 7MU6WH3RLOEFP23GHSBF4O5N
16-07	2101	Handball	30 chr EAM 256YVK 7MU6WH3RLOEFP23GHSBF4O5N
16-07	2104	Handball	30 chr EAM 25ZZKC DMLURORMQTSJ6X7RXOCH73QE
16-07	2107	Handball	30 chr EAM 25KSYL IOQ7M6UANRD43RPVGKKYWXRF
16-07	2335	Handball	30 chr EAM 25Z4QY Y7B46U5YQP7JDHK6VHOIL4MH
17-07	0000	Mist Pie	30 chr EAM 25Z4QY Y7B46U5YQP7JDHK6VHOIL4MH
17-07	0017	Mist Pie	30 chr EAM for Akins? VZ5JHR NJFGA7WYNWWUATARNJF3EILA
17-07	0038	Mist Pie	30 chr EAM for Akins? VZWPGJ R66UQRQX5XLRKBUPH2DUQDQ7
17-07	0057	Mist Pie	34 chr EAM VZW33G WB2FP4IUJLBIZZJFC343Q4HK5TPX
17-07	0101	Mist Pie	30 chr EAM 25Z4QY Y7B46U5YQP7JDHK6VHOIL4MH
17-07	0242	Mist Pie	34 chr EAM VZORTU CHHLVXZPT4URKA7NPXKZNVLKBAUU
17-07	1546	Mist Pie	30 chr EAM for Akins? VZ3XKV 4RMQHDAQA4E4ZQJQ7ZNVRY7
17-07	1607	Mist Pie	30 chr EAM for Akins? VZ46LU 6DEOKEKU6RBJRVNQXIGXFDAL
17-07	1624	Mist Pie	30 chr EAM 252M7F ITY2BN4DOIF6NUQXRUEW7QL3V
17-07	1630	Mist Pie	30 chr EAM 252M7F ITY2BN4DOIF6NUQXRUEW7QL3V
18-07	1800	Madcap	30 chr EAM 256KQH RSEL64SIJWJF6YXJPZFKJC6
18-07	1812	Madcap	50 chr EAM 7AEDH3 QJC6XB2TJJDRDT7YEKQ4VV5AJJNRXRRGYYY6FY6KYNMUM
18-07	1835	Madcap	50 chr EAM 7AEDH3 QJC6XB2TJJDRDT7YEKQ4VV5AJJNRXRRGYYY6FY6KYNMUM
18-07	1900	Madcap	50 chr EAM 7AEDH3 QJC6XB2TJJDRDT7YEKQ4VV5AJJNRXRRGYYY6FY6KYNMUM
18-07	1930	Madcap	50 chr EAM 7AEDH3 QJC6XB2TJJDRDT7YEKQ4VV5AJJNRXRRGYYY6FY6KYNMUM
18-07	1936	Madcap	30 chr EAM 25EERK LAUWTILSCAKWKH367BQOKUWE
19-07	1803	Invictive	16 chr EAM VZEUJA KSLLL72Y56
19-07	1944	Invictive	30 chr EAM 25APYU YWI62L2DDXD5UI6O2PW2NO3E
21-07	1018	Honorary	30 chr EAM for Achieve VZAQE2 HNOREP6NLMNAVNBSBAMWPEKN
21-07	1032	Honorary	30 chr EAM for Achieve VZD543 PH2GQMCDUIDDE4LYKCRH6FEG
21-07	1147	Honorary	30 chr EAM for Achieve VZVS5H 6OSAPMLKXHFQMITYAMSSNOFB
21-07	1830	Honorary	30 chr EAM for Achieve VZF7CY JITENBTRYCMUIFB5Y7BF6CAS
29-07	0457	Bearback	30 chr EAM 25IUSQ5 UBID3K6NGPW3YUPCT4ADVHY
29-07	0730	Bearback	30 chr EAM 25LVO3 SIJORB376BQQ5A3VJWETI7LC
29-07	0800	Bearback	30 chr EAM 25LVO3 SIJORB376BQQ5A3VJWETI7LC
29-07	0830	Bearback	30 chr EAM 25LVO3 SIJORB376BQQ5A3VJWETI7LC
29-07	1602	Bearback	30 chr EAM 25BMZH DPVB4E5GAN5BMXLWELTX37GK
29-07	1637	Bearback	30 chr EAM 25BMZH DPVB4E5GAN5BMXLWELTX37GK
29-07	1701	Bearback	30 chr EAM 25BMZH DPVB4E5GAN5BMXLWELTX37GK
29-07	1733	Bearback	30 chr EAM 25BMZH DPVB4E5GAN5BMXLWELTX37GK

### Morse transmissions

Russian Military morse traffic

**13979 kHz, 27-07,2 1451-1603 UTC**

MT3T DE AN6W QYT9 QTA K

PNIO DE MI3T QYT9 QTA K

QAP K

OK QAP K

MNBA DE PNIO K

unreadable = QYT4 FW7 K unreadable RK

MNBA DE PNIO QYT4 QTA K

QAP K

MT3T DE PNIO K

PNIO DE MT3T K

= QYT4 FW7 K

PNIO DE MT3T

QYT4 FW7 FW6 K K

PNIO DE MT3T QRW QSA4 QRW? K

QRW QSA4 K RK

MT3T DE PNIO QYT4 QTA K

PNIO DE MT3T QYT4 QTA K

QAP K

OK QAP K

MT3T DE PNIO +

OK +

MNBA DE PNIO +

MNBA



Russian mobile antennae © Russian Army Press Service of the Central Military District

## LOGS SECTION

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	4-7	1404	7060	Mon	Anti Russia messages	LSB	(AB)
---	8-7	1723	7055	Fri	Russian and Ukrainian stations jamming each other. Later also music/songs	LSB	(AB)
---	8-7	1727	7050	Fri	Anti Russia slogans	LSB	(AB)
---	22-7	2040	7055	Fri	Anti Russia broadcast	LSB	(AB)
DPRK	2-7	1309	14444	Sat	North Korean embassy Havana wkg North Korean embassy Caracas (QX 14851 kHz LSB)	DPRK-ARQ 600 LSB	(DW-MD)
DPRK	2-7	1413	14920	Sat	North Korean embassy Havana wkg North Korean embassy Caracas (QX 14561 kHz LSB)	DPRK-ARQ 600 LSB	(DW-MD)
DPRK	11-7	1237	12200	Mon	North Korean diplo.	DPRK-ARQ 600 LSB	(AB)
DPRK	20-7	1408	16664.4	Wed	North Korean embassy Havana wkg North Korean embassy Caracas (QX: 16887.53 kHz)	DPRK-ARQ 600 LSB	(DW-MD)
DPRK	22-7	0806	12400	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	29-7	0805	12400	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	1-7	0300	14845	Fri	361 729 33 09149 04461 26754 ... 51769 94304 06210 729 33 00000	USB	(AB/HFD)
E06	1-7	0400	12189	Fri	361 729 33 09149 04461 26754 ... 51769 94304 06210 729 33 00000	USB	(AB/HFD)
E06	4-7	0210	11632	Mon	537 610 39 88521 63230 98104 ... 83743 23378 54462 610 39 00000	USB	(PY/HFD)
E06	4-7	0310	13827	Mon	537 610 39 88521 63230 98104 ... 83743 23378 54462 610 39 00000	USB	(PY/HFD)
E06	5-7	0210	11642	Tue	537 610 39 88521 63230 98104 ... 83743 23378 54462 610 39 00000	USB	(PY)
E06	5-7	0310	13827	Tue	537 610 39 88521 63230 98104 ... 83743 23378 54462 610 39 00000	USB	(PY)
E06	7-7	0300	14845	Thu	361 580 34 64517 27785 47283 ... 13008 37404 68587 580 34 00000	USB	(PY)
E06	7-7	0400	12189	Thu	361 580 34 64517 27785 47283 ... 13008 37404 68587 580 34 00000	USB	(PY)
E06	7-7	0500	13825	Thu	679 284 53 12874 08553 23217 ... 27020 32640 24465 284 53 00000	USB	(AB/HFD)
E06	7-7	0600	15615	Thu	679 284 53 12874 08553 23217 ... 27020 32640 24465 284 53 00000	USB	(AB/HFD)
E06	8-7	0500	13825	Fri	679 284 53 12874 08553 23217 ... 27020 32640 24465 284 53 00000	USB	(AB)
E06	8-7	0600	15615	Fri	679 284 53 12874 08553 23217 ... 27020 32640 24465 284 53 00000	USB	(AB)
E06	11-7	0210	11644	Mon	537 289 40 64388 96029 16214 ... 26836 64129 08982 289 40 00000	USB	(PY)
E06	11-7	0310	13830	Mon	537 289 40 64388 96029 16214 ... 26836 64129 08982 289 40 00000	USB	(PY)
E06	12-7	0210	11642	Tue	537 289 40 64388 96029 16214 ... 26836 64129 08982 289 40 00000	USB	(PY)
E06	12-7	0310	13831	Tue	537 289 40 64388 96029 16214 ... 26836 64129 08982 289 40 00000	USB	(PY)
E06	14-7	0300	14845	Thu	361 274 35 67157 99551 87683 ... 18222 59219 31961 274 35 00000	USB	(PY)
E06	14-7	0400	12189	Thu	361 274 35 67157 99551 87683 ... 18222 59219 31961 274 35 00000	USB	(PY)
E06	15-7	0300	14837	Fri	361 598 36 61279 80269 90980 ... 89195 24262 55479 598 36 00000	USB	(PY)
E06	15-7	0300	14845	Fri	361 274 35 67157 99551 87683 ... 18222 59219 31961 274 35 00000	USB	(PY)
E06	15-7	0300	14845	Fri	361 598 36 61279 80269 90980 ... 89195 24262 55479 598 36 00000	USB	(PY)
E06	15-7	0400	12179	Fri	361 598 36 61279 80269 90980 ... 89195 24262 55479 598 36 00000	USB	(PY)
E06	15-7	0400	12189	Fri	361 274 35 67157 99551 87683 ... 18222 59219 31961 274 35 00000	USB	(PY)
E06	15-7	0400	12189	Fri	361 598 36 61279 80269 90980 ... 89195 24262 55479 598 36 00000	USB	(PY)
E06	18-7	0210	11642	Mon	537 680 41 78691 89275 85378 ... 81555 82184 57373 680 41 00000	USB	(PY)
E06	18-7	0310	13832	Mon	537 680 41 78691 89275 85378 ... 81555 82184 57373 680 41 00000	USB	(PY)
E06	19-7	0310	13837	Tue	537 680 41 78691 89275 85378 ... 81555 82184 57373 680 41 00000	USB	(PY)
E06	21-7	0500	13825	Thu	679 546 51 70244 25816 27169 ... 86192 26933 40023 546 51 00000	USB	(AB)



E06	21-7	0600	15620	Thu	679 546 51 70244 25816 27169 ... 86192 26933 40023 546 51 00000	USB	(AB)
E06	22-7	0500	13825	Fri	679 546 51 70244 25816 27169 ... 86192 26933 40023 546 51 00000	USB	(AB)
E06	22-7	0600	15615	Fri	679 546 51 70244 25816 27169 ... 86192 26933 40023 546 51 00000	USB	(AB)
E06	25-7	0210	11646	Mon	537 189 42 95687 24905 33313 ... 98901 99481 22066 189 42 00000	USB	(PY)
E06	25-7	0310	13833	Mon	537 189 42 95687 24905 33313 ... 98901 99481 22066 189 42 00000	USB	(PY)
E06	26-7	0210	11632	Tue	537 189 42 95687 24905 33313 ... 98901 99481 22066 189 42 00000	USB	(PY)
E06	26-7	0310	13817	Tue	537 189 42 95687 24905 33313 ... 98901 99481 22066 189 42 00000	USB	(PY)
E06	28-7	0300	14845	Thu	361 240 37 00003 16143 36238 ... 03015 22503 27229 240 37 00000	USB	(PY)
E06	28-7	0400	12179	Thu	361 240 37 00003 16143 36238 ... 03015 22503 27229 240 37 00000	USB	(PY)
E06	29-7	0300	14845	Fri	361 240 37 00003 16143 36238 ... 03015 22503 27229 240 37 00000	USB	(PY)
E06	29-7	0400	12179	Fri	361 240 37 00003 16143 36238 ... 03015 22503 27229 240 37 00000	USB	(PY)
E07	1-7	0700	15962	Fri	945 945 945 000	USB	(AB/HFD)
E07	1-7	0720	17462	Fri	945 945 945 000	USB	(AB/HFD)
E07	2-7	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	2-7	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)
E07	2-7	1410	13562	Sat	441 441 441 000	USB	(AB/MPJ/HFD-RUS)
E07	2-7	1430	14862	Sat	441 441 441 000	USB	(AB/MPJ/HFD-RUS)
E07	3-7	0600	10317	Sun	312 312 312 000	USB	(AB)
E07	3-7	0620	11117	Sun	312 312 312 000	USB	(AB)
E07	5-7	0700	15962	Tue	945 945 945 000	USB	(AB)
E07	5-7	0720	17462	Tue	945 945 945 000	USB	(AB)
E07	7-7	1410	13562	Thu	441 441 441 000	USB	(AB/MPJ)
E07	7-7	1430	14862	Thu	441 441 441 000	USB	(AB/MPJ)
E07	8-7	0700	15962	Fri	945 945 945 000	USB	(AB)
E07	8-7	0720	17462	Fri	945 945 945 000	USB	(AB)
E07	9-7	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	9-7	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)
E07	9-7	1410	13562	Sat	441 441 441 000	USB	(AB)
E07	9-7	1430	14862	Sat	441 441 441 000	USB	(AB)
E07	10-7	0600	10317	Sun	312 312 312 000	USB	(AB)
E07	10-7	0620	11117	Sun	312 312 312 000	USB	(AB)
E07	12-7	0700	15962	Tue	945 945 945 1 8226 63 8226 63 46478 10909 18565 ... 50063 17574 24959 000 000	USB	(AB)
E07	12-7	0720	17462	Tue	945 945 945 1 8226 63 8226 63 46478 10909 18565 ... 50063 17574 24959 000 000	USB	(AB)
E07	12-7	0740	18542	Tue	945 945 945 1 8226 63 8226 63 46478 10909 18565 ... 50063 17574 24959 000 000	USB	(AB)
E07	14-7	1410	13562	Thu	441 441 441 1 122 74 122 74 74878 68103 57563 ... 05279 98782 64276 000 000	USB	(AB/MPJ)
E07	14-7	1430	14862	Thu	441 441 441 1 122 74 122 74 74878 68103 57563 ... 05279 98782 64276 000 000	USB	(AB/MPJ)
E07	14-7	1450	16162	Thu	441 441 441 1 122 74 122 74 74878 68103 57563 ... 05279 98782 64276 000 000	USB	(AB/MPJ)
E07	15-7	0700	15962	Fri	945 945 945 1 8226 63 8226 63 46478 10909 18565 ... 50063 17574 24959 000 000	USB	(AB)
E07	15-7	0720	17462	Fri	945 945 945 1 8226 63 8226 63 46478 10909 18565 ... 50063 17574 24959 000 000	USB	(AB)
E07	15-7	0740	18542	Fri	945 945 945 1 8226 63 8226 63 46478 10909 18565 ... 50063 17574 24959 000 000	USB	(AB)
E07	16-7	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	16-7	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)

E07	16-7	1410	13562	Sat	441 441 441 1 122 74 122 74 74878 68103 57563 ... 05279 98782 64276 000 000	USB	(AB/MPJ)
E07	16-7	1430	14862	Sat	441 441 441 1 122 74 122 74 74878 68103 57563 ... 05279 98782 64276 000 000	USB	(AB/MPJ)
E07	16-7	1450	16162	Sat	441 441 441 1 122 74 122 74 74878 68103 57563 ... 05279 98782 64276 000 000	USB	(AB/MPJ)
E07	17-7	0600	10317	Sun	312 312 312 000	USB	(AB)
E07	17-7	0620	11117	Sun	312 312 312 000	USB	(AB)
E07	19-7	0700	15962	Tue	945 945 945 000	USB	(AB)
E07	19-7	0720	17462	Tue	945 945 945 000	USB	(AB)
E07	21-7	1410	13562	Thu	441 441 441 000	USB	(AB/MPJ)
E07	21-7	1430	14862	Thu	441 441 441 000	USB	(AB/MPJ)
E07	22-7	0700	15962	Fri	945 945 945 000	USB	(AB)
E07	22-7	0720	17462	Fri	945 945 945 000	USB	(AB)
E07	23-7	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	23-7	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)
E07	23-7	1410	13562	Sat	441 441 441 000	USB	(AB/MPJ)
E07	23-7	1430	14862	Sat	441 441 441 000	USB	(AB/MPJ)
E07	24-7	0600	10317	Sun	312 312 312 000	USB	(AB)
E07	24-7	0620	11117	Sun	312 312 312 000	USB	(AB)
E07	26-7	0700	15962	Tue	945 945 945 1 880 102 880 102 48366 96638 54639 ... 76890 88763 33455 000 000	USB	(AB)
E07	26-7	0720	17462	Tue	945 945 945 1 880 102 880 102 48366 96638 54639 ... 76890 88763 33455 000 000	USB	(AB)
E07	26-7	0740	18542	Tue	945 945 945 1 880 102 880 102 48366 96638 54639 ... 76890 88763 33455 000 000	USB	(AB)
E07	28-7	1410	13562	Thu	441 441 441 1 9136 69 9136 69 05094 20584 82084 ... 70079 59962 02520 000 000	USB	(AB/MPJ)
E07	28-7	1430	14862	Thu	441 441 441 1 9136 69 9136 69 05094 20584 82084 ... 70079 59962 02520 000 000	USB	(AB/MPJ)
E07	28-7	1450	16162	Thu	441 441 441 1 9136 69 9136 69 05094 20584 82084 ... 70079 59962 02520 000 000	USB	(AB/MPJ)
E07	29-7	0700	15962	Fri	945 945 945 1 880 102 880 102 48366 96638 54639 ... 76890 88763 33455 000 000	USB	(AB)
E07	29-7	0720	17462	Fri	945 945 945 1 880 102 880 102 48366 96638 54639 ... 76890 88763 33455 000 000	USB	(AB)
E07	29-7	0740	18542	Fri	945 945 945 1 880 102 880 102 48366 96638 54639 ... 76890 88763 33455 000 000	USB	(AB)
E07	30-7	1300	12176	Sat	152 152 152 000	USB	(AB)
E07	30-7	1320	11576	Sat	152 152 152 000	USB	(AB)
E07	30-7	1410	13562	Sat	441 441 441 1 9136 69 9136 69 05094 20584 82084 ... 70079 59962 02520 000 000	USB	(AB)
E07	30-7	1430	14862	Sat	441 441 441 1 9136 69 9136 69 05094 20584 82084 ... 70079 59962 02520 000 000	USB	(AB)
E07	30-7	1450	16162	Sat	441 441 441 1 9136 69 9136 69 05094 20584 82084 ... 70079 59962 02520 000 000	USB	(AB)
E07	31-7	0600	10317	Sun	312 312 312 000	USB	(AB)
E07	31-7	0620	11117	Sun	312 312 312 000	USB	(AB)
E11	1-7	0600	9150	Fri	350/00	USB	(AB)
E11	1-7	0700	8680	Fri	574/00	USB	(AB)
E11	1-7	0715	10429	Fri	634/00	USB	(AB)
E11	1-7	0745	15720	Fri	343/00	USB	(AB)
E11	1-7	0820	4909	Fri	434/00	USB	(AB)
E11	1-7	0830	15720	Fri	184/00	USB	(AB)
E11	1-7	1000	12153	Fri	304/00	USB	(AB)
E11	1-7	1715	7863	Fri	974/00	USB	(AB)
E11	1-7	1910	9610	Fri	616/00	USB	(AB-POL)

E11	2-7	0700	7377	Sat	491/00	USB	(AB)
E11	2-7	1430	12984	Sat	912/00	USB	(AB-POL)
E11	2-7	1530	5082	Sat	366/00	USB	(AB/MPJ-HOL)
E11	2-7	1910	4783	Sat	390/00	USB	(AB)
E11	3-7	0600	9150	Sun	358/00	USB	(AB)
E11	3-7	0700	7377	Sun	490/00	USB	(AB)
E11	3-7	1530	5082	Sun	364/00	USB	(AB-POL/MPJ)
E11	3-7	1605	5231	Sun	231/00	USB	(AB)
E11	3-7	1745	14410	Sun	247/00	USB	(AB-POL/MPJ)
E11	3-7	1910	9610	Sun	612/00	USB	(AB)
E11	3-7	2000	5409	Sun	524/00	USB	(AB)
E11	4-7	0450	7469	Mon	414/00	USB	(AB)
E11	4-7	0640	15800	Mon	944/00	USB	(AB-POL)
E11	4-7	0715	18030	Mon	752/00	USB	(AB)
E11	4-7	0745	9610	Mon	267/00	USB	(AB)
E11	4-7	0830	15720	Mon	180/00	USB	(AB)
E11	4-7	0845	12815	Mon	713/00	USB	(AB)
E11	4-7	0900	9052	Mon	534/00	USB	(AB)
E11	4-7	1045	8545	Mon	696/00	USB	(AB)
E11	4-7	1745	14410	Mon	240/00	USB	(AB)
E11	5-7	0645	8091	Tue	512/00	USB	(AB)
E11	5-7	0715	10429	Tue	633/00	USB	(AB)
E11	5-7	0820	17378	Tue	133/00	USB	(AB-POL)
E11	5-7	0845	14972	Tue	157/00	USB	(AB)
E11	5-7	1205	6304	Tue	460/00	USB	(AB)
E11	5-7	1430	12984	Tue	918/00	USB	(AB/MPJ)
E11	5-7	1605	5231	Tue	235/00	USB	(AB/MPJ-HOL)
E11	5-7	1645	14575	Tue	331/00	USB	(AB/MPJ)
E11	6-7	0315	14575	Wed	458/00	USB	(AB)
E11	6-7	0640	15800	Wed	948/00	USB	(AB)
E11	6-7	0715	18030	Wed	759/00	USB	(AB)
E11	6-7	0745	15720	Wed	344/00	USB	(AB)
E11	6-7	0820	17378	Wed	130/00	USB	(AB)
E11	6-7	0845	12815	Wed	714/00	USB	(AB)
E11	6-7	0900	9052	Wed	532/00	USB	(AB)
E11	6-7	0930	6923	Wed	273/00	USB	(AB)
E11	6-7	1045	8545	Wed	698/00	USB	(AB)
E11	6-7	1205	6304	Wed	460/00	USB	(AB-POL)
E11	6-7	1715	7863	Wed	974/00	USB	(AB)
E11	6-7	1910	4783	Wed	399/00	USB	(AB)
E11	7-7	0315	14575	Thu	250/00	USB	(AB)
E11	7-7	0645	8091	Thu	517/00	USB	(AB)

E11	7-7	0820	4909	Thu	439/00	USB	(AB)
E11	7-7	0845	14972	Thu	157/00	USB	(AB)
E11	7-7	0930	6923	Thu	278/00	USB	(AB/MPJ-HOL)
E11	7-7	1530	10356	Thu	264/00	USB	(AB)
E11	7-7	1645	14575	Thu	333/00	USB	(AB)
E11	7-7	1730	8088	Thu	412/00	USB	(AB)
E11	7-7	2000	5409	Thu	525/00	USB	(AB)
E11	8-7	0600	9150	Fri	350/00	USB	(AB)
E11	8-7	0715	10429	Fri	639/00	USB	(AB)
E11	8-7	0745	15720	Fri	348/00	USB	(AB)
E11	8-7	0820	4909	Fri	432/00	USB	(AB)
E11	8-7	0830	15720	Fri	188/00	USB	(AB)
E11	8-7	1715	7863	Fri	977/00	USB	(AB)
E11	8-7	1815	12229	Fri	926/00	USB	(AB/MPJ)
E11	8-7	1910	9610	Fri	617/00	USB	(AB)
E11	9-7	0700	7377	Sat	498/00	USB	(AB)
E11	9-7	1430	12984	Sat	911/00	USB	(AB-POL/MPJ)
E11	9-7	1530	5082	Sat	368/00	USB	(AB/MPJ)
E11	9-7	1910	4783	Sat	399/00	USB	(AB)
E11	10-7	0600	9150	Sun	350/00	USB	(AB)
E11	10-7	0700	7377	Sun	490/00	USB	(AB)
E11	10-7	1530	5082	Sun	364/00	USB	(AB-POL/RL-HOL)
E11	10-7	1605	5231	Sun	237/00	USB	(AB/MPJ/RL-HOL)
E11	10-7	1745	14410	Sun	248/00	USB	(AB-POL/MPJ)
E11	10-7	1815	12229	Sun	929/00	USB	(AB)
E11	10-7	1910	9610	Sun	613/00	USB	(AB)
E11	10-7	2000	5409	Sun	528/00	USB	(AB/RL-HOL)
E11	11-7	0640	15800	Mon	944/00	USB	(AB-POL)
E11	11-7	0745	9610	Mon	260/00	USB	(AB)
E11	11-7	0845	12815	Mon	718/00	USB	(AB)
E11	11-7	0900	9052	Mon	530/00	USB	(AB)
E11	11-7	1045	8545	Mon	692/00	USB	(AB/MPJ)
E11	11-7	1300	5737	Mon	314/00	USB	(AB/MPJ)
E11	11-7	1745	14410	Mon	242/00	USB	(AB/MPJ)
E11	11-7	1900	7600	Mon	648/00	USB	(AB)
E11	12-7	0645	8091	Tue	517/00	USB	(AB)
E11	12-7	0700	8680	Tue	574/00	USB	(AB)
E11	12-7	0715	10429	Tue	637/00	USB	(AB)
E11	12-7	0745	14940	Tue	228/00	USB	(AB)
E11	12-7	0820	17378	Tue	132/00	USB	(AB-POL)
E11	12-7	0845	14972	Tue	152/00	USB	(AB)
E11	12-7	1000	12153	Tue	302/00	USB	(AB)

E11	12-7	1205	6304	Tue	469/00	USB	(AB)
E11	12-7	1430	12984	Tue	910/00	USB	(AB/MPJ)
E11	12-7	1645	14575	Tue	338/00	USB	(MPJ)
E11	13-7	0640	15800	Wed	942/00	USB	(AB)
E11	13-7	0745	15720	Wed	348/00	USB	(AB)
E11	13-7	0820	17378	Wed	136/00	USB	(AB)
E11	13-7	0845	12815	Wed	715/00	USB	(AB)
E11	13-7	0900	9052	Wed	537/00	USB	(AB)
E11	13-7	0930	6893	Wed	275/00	USB	(AB)
E11	13-7	1045	8545	Wed	694/00	USB	(AB)
E11	13-7	1205	6304	Wed	466/00	USB	(AB-POL)
E11	13-7	1715	7863	Wed	974/00	USB	(AB)
E11	13-7	1910	4783	Wed	391/00	USB	(AB)
E11	14-7	0645	8091	Thu	512/00	USB	(AB)
E11	14-7	0745	14940	Thu	229/00	USB	(AB)
E11	14-7	0820	4909	Thu	432/00	USB	(AB-POL)
E11	14-7	0845	14972	Thu	154/00	USB	(AB)
E11	14-7	0930	6923	Thu	279/00	USB	(AB/MPJ)
E11	14-7	1300	5737	Thu	316/00	USB	(AB-POL)
E11	14-7	1530	10356	Thu	262/00	USB	(AB/MPJ)
E11	14-7	1645	14575	Thu	332/00	USB	(AB/MPJ)
E11	14-7	1900	7600	Thu	647/00	USB	(AB)
E11	14-7	2000	5409	Thu	521/00	USB	(AB-POL)
E11	15-7	0600	9150	Fri	355/00	USB	(AB)
E11	15-7	0700	8680	Fri	571/00	USB	(AB)
E11	15-7	0715	10429	Fri	634/00	USB	(AB)
E11	15-7	0745	15720	Fri	340/00	USB	(AB)
E11	15-7	0820	4909	Fri	436/00	USB	(AB-POL)
E11	15-7	1000	12153	Fri	309/00	USB	(AB)
E11	15-7	1715	7863	Fri	976/00	USB	(AB)
E11	15-7	1815	12229	Fri	929/00	USB	(AB/MPJ)
E11	15-7	1910	9610	Fri	610/00	USB	(AB)
E11	16-7	0700	7377	Sat	497/00	USB	(AB)
E11	16-7	1430	12984	Sat	919/00	USB	(AB/MPJ)
E11	16-7	1530	5082	Sat	365/00	USB	(AB/MPJ)
E11	16-7	1910	4783	Sat	395/00	USB	(AB)
E11	17-7	0600	9150	Sun	350/00	USB	(AB)
E11	17-7	0700	7377	Sun	492/00	USB	(AB)
E11	17-7	1530	5082	Sun	364/00	USB	(AB-POL/MPJ-HNG)
E11	17-7	1745	14410	Sun	245/00	USB	(AB-POL)
E11	17-7	1815	12229	Sun	925/00	USB	(AB/MPJ)

E11	17-7	1910	9610	Sun	614/00	USB	(AB)
E11	17-7	2000	5409	Sun	524/00	USB	(AB-POL)
E11	18-7	0450	7469	Mon	411/00	USB	(AB)
E11	18-7	0640	15800	Mon	949/00	USB	(AB)
E11	18-7	0715	18030	Mon	755/00	USB	(AB)
E11	18-7	0745	9610	Mon	268/00	USB	(AB)
E11	18-7	0830	15720	Mon	181/00	USB	(AB)
E11	18-7	1045	8545	Mon	691/00	USB	(AB)
E11	18-7	1300	5737	Mon	310/00	USB	(AB-POL)
E11	18-7	1900	7600	Mon	647/00	USB	(AB)
E11	19-7	0700	8680	Tue	575/00	USB	(AB)
E11	19-7	0745	14940	Tue	220/00	USB	(AB)
E11	19-7	0820	17378	Tue	133/00	USB	(AB-POL)
E11	19-7	1000	12153	Tue	302/00	USB	(AB)
E11	19-7	1205	6304	Tue	466/00	USB	(AB-POL/MPJ-POL)
E11	19-7	1430	12984	Tue	917/00	USB	(AB)
E11	19-7	1605	5231	Tue	237/00	USB	(AB)
E11	19-7	1645	14575	Tue	332/00	USB	(MPJ)
E11	20-7	0640	15800	Wed	948/00	USB	(AB)
E11	20-7	0715	18030	Wed	759/00	USB	(AB)
E11	20-7	0745	15720	Wed	348/00	USB	(AB)
E11	20-7	0820	17378	Wed	136/00	USB	(AB)
E11	20-7	1045	8545	Wed	693/00	USB	(AB)
E11	20-7	1205	6304	Wed	465/00	USB	(AB-POL)
E11	20-7	1715	7863	Wed	978/00	USB	(AB)
E11	21-7	0745	14940	Thu	228/00	USB	(AB)
E11	21-7	0820	4909	Thu	430/00	USB	(AB-POL)
E11	21-7	1300	5737	Thu	316/00	USB	(AB-POL)
E11	21-7	1530	10356	Thu	268/00	USB	(AB/MPJ)
E11	21-7	1645	14575	Thu	337/00	USB	(AB/MPJ)
E11	21-7	1730	8088	Thu	413/00	USB	(AB/MPJ)
E11	21-7	1900	7600	Thu	647/00	USB	(AB)
E11	22-7	0700	8680	Fri	571/00	USB	(AB)
E11	22-7	0745	15720	Fri	348/00	USB	(AB)
E11	22-7	0820	4909	Fri	438/00	USB	(AB-POL)
E11	22-7	0830	15720	Fri	180/00	USB	(AB)
E11	22-7	1000	12153	Fri	302/00	USB	(AB/MPJ)
E11	22-7	1715	7863	Fri	975/00	USB	(AB)
E11	22-7	1815	12229	Fri	927/00	USB	(AB/MPJ)
E11	23-7	0700	7377	Sat	496/00	USB	(AB)
E11	23-7	1430	12984	Sat	912/00	USB	(AB/MPJ)
E11	24-7	0700	7377	Sun	495/00	USB	(AB)

E11	24-7	1605	5231	Sun	236/00	USB	(AB)
E11	24-7	1815	12229	Sun	927/00	USB	(AB/MPJ)
E11	25-7	0450	7469	Mon	412/00	USB	(AB)
E11	25-7	0715	18030	Mon	753/00	USB	(AB)
E11	25-7	0830	15720	Mon	182/00	USB	(AB)
E11	25-7	0845	12815	Mon	710/00	USB	(AB)
E11	25-7	0900	9052	Mon	535/00	USB	(AB)
E11	25-7	1300	5737	Mon	312/00	USB	(AB-POL/MPJ-FIN)
E11	25-7	1745	14410	Mon	242/00	USB	(AB/MPJ)
E11	25-7	1900	7600	Mon	641/00	USB	(AB)
E11	26-7	0645	8091	Tue	519/00	USB	(AB)
E11	26-7	0700	8680	Tue	575/00	USB	(AB)
E11	26-7	0715	10429	Tue	631/00	USB	(AB)
E11	26-7	0745	14940	Tue	221/00	USB	(Anon)
E11	26-7	0845	14972	Tue	159/00	USB	(AB)
E11	26-7	1000	12153	Tue	308/00	USB	(AB)
E11	26-7	1605	5231	Tue	230/00	USB	(AB)
E11	27-7	0715	18030	Wed	753/00	USB	(AB)
E11	27-7	0845	12815	Wed	716/00	USB	(AB)
E11	27-7	0900	9052	Wed	533/00	USB	(AB)
E11	27-7	0930	6923	Wed	275/00	USB	(AB)
E11	27-7	1910	4783	Wed	395/00	USB	(AB)
E11	28-7	0645	8091	Thu	514/00	USB	(AB)
E11	28-7	0745	14940	Thu	225/00	USB	(AB)
E11	28-7	0845	14972	Thu	156/00	USB	(AB)
E11	28-7	0930	6923	Thu	270/00	USB	(AB)
E11	28-7	1300	5737	Thu	310/00	USB	(AB-POL)
E11	28-7	1730	8088	Thu	411/00	USB	(AB)
E11	28-7	1900	7600	Thu	649/00	USB	(AB)
E11	28-7	2000	5409	Thu	527/00	USB	(AB)
E11	29-7	0600	9150	Fri	352/00	USB	(AB)
E11	29-7	0700	8680	Fri	571/00	USB	(AB)
E11	29-7	0715	10429	Fri	639/00	USB	(AB)
E11	29-7	0830	15720	Fri	180/00	USB	(AB)
E11	29-7	1000	12153	Fri	306/00	USB	(AB)
E11	29-7	1815	12229	Fri	922/00	USB	(AB/MPJ)
E11	29-7	1910	9610	Fri	610/00	USB	(AB)
E11	30-7	1530	5082	Sat	367/00	USB	(AB)
E11	30-7	1910	4783	Sat	396/00	USB	(AB)
E11	31-7	0600	9150	Sun	358/00	USB	(AB)
E11	31-7	1530	5082	Sun	369/00	USB	(AB)
E11	31-7	1605	5231	Sun	238/00	USB	(AB/MPJ)



E11	31-7	1745	14410	Sun	245/00		USB	(AB/MPJ)
E11	31-7	1815	12229	Sun	922/00		USB	(AB/MPJ)
E11	31-7	1910	9610	Sun	616/00		USB	(AB)
E11	31-7	2000	5409	Sun	520/00		USB	(AB)
E11a	1-7	1815	12229	Fri	926/31 Attention 68673 75382 14789 ... 88103 00104 67686 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	3-7	1815	12229	Sun	926/31 Attention 68673 75382 14789 ... 88103 00104 67686 Attention (message repeated) Out		USB	(AB)
E11a	4-7	1300	5737	Mon	312/38 Attention 39327 75798 65371 ... 65182 32445 36221 Attention (message repeated) Out		USB	(AB)
E11a	4-7	1900	7600	Mon	648/32 Attention 78842 99511 02715 ... 69216 73609 95897 Attention (message repeated) Out		USB	(AB)
E11a	5-7	0700	8680	Tue	573/39 Attention 10566 34654 07149 ... 58788 94772 45407 Attention (message repeated) Out		USB	(AB)
E11a	5-7	0745	14940	Tue	225/31 Attention 92335 12559 11803 ... 36858 37624 37299 Attention (message repeated) Out		USB	(AB)
E11a	5-7	1000	12153	Tue	306/21 Attention 67287 59538 53119 ... 68588 50889 88586 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	7-7	0745	14940	Thu	225/31 Attention 92335 12559 11803 ... 36858 37624 37299 Attention (message repeated) Out		USB	(AB)
E11a	7-7	1300	5737	Thu	312/38 Attention 39327 75798 65371 ... 65182 32445 36221 Attention (message repeated) Out		USB	(AB-POL/MPJ)
E11a	7-7	1900	7600	Thu	648/32 Attention 78842 99511 02715 ... 69216 73609 95897 Attention (message repeated) Out		USB	(AB)
E11a	8-7	0700	8680	Fri	573/39 Attention 10566 34654 07149 ... 58788 94772 45407 Attention (message repeated) Out		USB	(AB)
E11a	8-7	1000	12153	Fri	306/21 Attention 67287 59538 53119 ... 68588 50889 88586 Attention (message repeated) Out		USB	(AB)
E11a	11-7	0450	7469	Mon	418/34 Attention 57654 17900 34093 ... 22773 79080 91198 Attention (message repeated) Out		USB	(AB)
E11a	11-7	0715	18030	Mon	755/34 Attention 77791 46611 31187 ... 35997 99428 86369 Attention (message repeated) Out		USB	(AB)
E11a	11-7	0830	15720	Mon	188/32 Attention 46938 68924 35557 ... 11127 33866 27621 Attention (message repeated) Out		USB	(AB)
E11a	12-7	1605	5231	Tue	235/32 Attention 83305 22095 89469 ... 06879 60616 85496 Attention (message repeated) Out		USB	(AB/MPJ-POL)
E11a	13-7	0715	18030	Wed	755/34 Attention 77791 46611 31187 ... 35997 99428 86369 Attention (message repeated) Out		USB	(AB)
E11a	14-7	1730	8088	Thu	418/34 Attention 57654 17900 34093 ... 22773 79080 91198 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	15-7	0830	15720	Fri	188/32 Attention 46938 68924 35557 ... 11127 33866 27621 Attention (message repeated) Out		USB	(AB)
E11a	17-7	1605	5231	Sun	235/32 Attention 83305 22095 89469 ... 06879 60616 85496 Attention (message repeated) Out		USB	(AB/MPJ-FIN)
E11a	18-7	0845	12815	Mon	713/32 Attention 52481 71397 13625 ... 51985 76706 64602 Attention (message repeated) Out		USB	(AB)
E11a	18-7	0900	9052	Mon	538/37 Attention 43339 11235 28193 ... 77185 01269 11174 Attention (message repeated) Out		USB	(AB)
E11a	18-7	1745	14410	Mon	248/31 Attention 43812 81264 96230 ... 90660 39663 52873 Attention (message repeated) Out		USB	(AB)
E11a	19-7	0645	8091	Tue	518/33 Attention 27341 21778 38063 ... 78631 25237 16092 Attention (message repeated) Out		USB	(AB)
E11a	19-7	0715	10429	Tue	637/34 Attention 50312 44844 87834 ... 57568 51558 56714 Attention (message repeated) Out		USB	(AB)
E11a	19-7	0845	14972	Tue	150/22 Attention 42159 22076 64042 ... 82826 06578 88825 Attention (message repeated) Out		USB	(AB)
E11a	20-7	0845	12815	Wed	713/32 Attention 52481 71397 13625 ... 51985 76706 64602 Attention (message repeated) Out		USB	(AB)
E11a	20-7	0900	9052	Wed	538/37 Attention 43339 11235 28193 ... 77185 01269 11174 Attention (message repeated) Out		USB	(AB)
E11a	20-7	0930	6923	Wed	279/36 Attention 92391 32124 20594 ... 84295 13964 80229 Attention (message repeated) Out		USB	(AB)
E11a	21-7	0315	14575	Thu	253/39 Attention 33642 16570 43076 ... 66331 43539 20504 Attention (message repeated) Out		USB	(AB)
E11a	21-7	0645	8091	Thu	518/33 Attention 27341 21778 38063 ... 78631 25237 16092 Attention (message repeated) Out		USB	(AB)
E11a	21-7	0845	14972	Thu	150/22 Attention 42159 22076 64042 ... 82826 06578 88825 Attention (message repeated) Out		USB	(AB)
E11a	21-7	0930	6923	Thu	279/36 Attention 92391 32124 20594 ... 84295 13964 80229 Attention (message repeated) Out		USB	(AB)
E11a	21-7	2000	5409	Thu	528/35 Attention 07609 62343 50210 ... 39358 67140 63114 Attention (message repeated) Out		USB	(AB-POL)
E11a	22-7	0600	9150	Fri	351/31 Attention 84973 16200 96235 ... 44899 41130 82753 Attention (message repeated) Out		USB	(AB)
E11a	22-7	0715	10429	Fri	637/34 Attention 50312 44844 87834 ... 57568 51558 56714 Attention (message repeated) Out		USB	(AB)
E11a	22-7	1910	9610	Fri	610/30 Attention 98737 21318 18927 ... 16591 18301 43690 Attention (message repeated) Out		USB	(AB)
E11a	23-7	1910	4783	Sat	393/33 Attention 97879 42531 72470 ... 43804 85751 77180 Attention (message repeated) Out		USB	(AB)



E11a	24-7	0600	9150	Sun	351/31 Attention 84973 16200 96235 ... 44899 41130 82753 Attention (message repeated) Out	USB	(AB)
E11a	24-7	1530	5082	Sun	364/37 Attention 75996 23518 01653 ... 52842 39269 62905 Attention (message repeated) Out	USB	(AB-POL/MPJ-HOL)
E11a	24-7	1745	14410	Sun	248/31 Attention 43812 81264 96230 ... 90660 39663 52873 Attention (message repeated) Out	USB	(AB-POL/MPJ)
E11a	24-7	1910	9610	Sun	610/30 Attention 98737 21318 18927 ... 16591 18301 43690 Attention (message repeated) Out	USB	(AB)
E11a	24-7	2000	5409	Sun	528/35 Attention 07609 62343 50210 ... 39358 67140 63114 Attention (message repeated) Out	USB	(AB)
E11a	25-7	0640	15800	Mon	944/35 Attention 40341 35329 11481 ... 06441 71179 42265 Attention (message repeated) Out	USB	(AB)
E11a	25-7	0745	9610	Mon	266/32 Attention 31869 36910 16015 ... 15059 07408 70832 Attention (message repeated) Out	USB	(AB)
E11a	25-7	1045	8545	Mon	697/39 Attention 85483 09813 11031 ... 32668 95738 07807 Attention (message repeated) Out	USB	(AB-POL)
E11a	26-7	1205	6304	Tue	469/36 Attention 30797 85405 98677 ... 84106 30572 26230 Attention (message repeated) Out	USB	(AB-POL)
E11a	26-7	1430	12984	Tue	917/36 Attention 33517 55184 25582 ... 28434 95240 10907 Attention (message repeated) Out	USB	(AB)
E11a	26-7	1645	14575	Tue	331/32 Attention 51835 14430 69014 ... 59098 96234 46323 Attention (message repeated) Out	USB	(AB)
E11a	27-7	0640	15800	Wed	944/35 Attention 40341 35329 11481 ... 06441 71179 42265 Attention (message repeated) Out	USB	(AB)
E11a	27-7	0745	15720	Wed	343/32 Attention 07322 56423 62643 ... 42178 89344 08117 Attention (message repeated) Out	USB	(AB)
E11a	27-7	0820	17378	Wed	132/36 Attention 72581 43865 27243 ... 31620 54930 07925 Attention (message repeated) Out	USB	(AB)
E11a	27-7	1045	8545	Wed	697/39 Attention 85483 09813 11031 ... 32668 95738 07807 Attention (message repeated) Out	USB	(AB)
E11a	27-7	1205	6304	Wed	469/36 Attention 30797 85405 98677 ... 84106 30572 26230 Attention (message repeated) Out	USB	(AB-POL/HFD)
E11a	27-7	1715	7863	Wed	970/35 Attention 56006 63946 70410 ... 60475 66727 22751 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	28-7	0820	4909	Thu	432/38 Attention 18200 03095 22586 ... 39505 49393 38195 Attention (message repeated) Out	USB	(AB-POL)
E11a	28-7	1530	10356	Thu	266/32 Attention 31869 36910 16015 ... 15059 07408 70832 Attention (message repeated) Out	USB	(AB)
E11a	28-7	1645	14575	Thu	331/32 Attention 51835 14430 69014 ... 59098 96234 46323 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	29-7	0745	15720	Fri	343/32 Attention 07322 56423 62643 ... 42178 89344 08117 Attention (message repeated) Out	USB	(AB)
E11a	29-7	0820	4909	Fri	432/38 Attention 18200 03095 22586 ... 39505 49393 38195 Attention (message repeated) Out	USB	(AB-POL)
E11a	29-7	1715	7863	Fri	970/35 Attention 56006 63946 70410 ... 60475 66727 22751 Attention (message repeated) Out	USB	(AB)
E11a	30-7	0700	7377	Sat	492/31 Attention 18367 90192 87545 ... 17867 07000 66976 Attention (message repeated) Out	USB	(AB)
E11a	30-7	1430	12984	Sat	917/36 Attention 33517 55184 25582 ... 28434 95240 10907 Attention (message repeated) Out	USB	(AB)
E11a	31-7	0700	7377	Sun	492/31 Attention 18367 90192 87545 ... 17867 07000 66976 Attention (message repeated) Out	USB	(AB)
EGY	10-7	1412	16011.7	Sun	MFA Cairo msg to Egyptian embassy Washington	Sitor-A 100/170	(RL)
EGY	19-7	0741	17416.7	Tue	Egyptian diplo i.p. Ended with HJKJ 4 / 2 YKDK AUKD +?	SITOR-A 100/170	(AB)
F01	1-7	1015	11141	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ/HFD)
F01	1-7	1025	9192	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ/HFD)
F01	1-7	1035	7363	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ/HFD)
F01	4-7	1015	11141	Mon	Russian diplo/intel. 36552 25463 08048 ... 80332 66709 12425 00000 +++++ +++++	FSK 200/500	(AB)
F01	4-7	1025	9192	Mon	Russian diplo/intel. 36552 25463 08048 ... 80332 66709 12425 00000 +++++ +++++	FSK 200/500	(AB)
F01	4-7	1035	7363	Mon	Russian diplo/intel. 36552 25463 08048 ... 80332 66709 12425 00000 +++++ +++++	FSK 200/500	(AB)
F01	5-7	1015	11141	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	5-7	1025	9192	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	5-7	1035	7363	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	6-7	1015	11141	Wed	Russian diplo/intel. 28275 84898 86319 ... 59895 03395 15403 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	6-7	1025	9192	Wed	Russian diplo/intel. 28275 84898 86319 ... 59895 03395 15403 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	6-7	1035	7363	Wed	Russian diplo/intel. 28275 84898 86319 ... 59895 03395 15403 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	6-7	1840	14829	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)

F01	6-7	1850	12214	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	6-7	1900	10932	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	7-7	1015	11141	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7-7	1025	9192	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7-7	1035	7363	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7-7	1100	11068	Thu	Russian diplo/intel. 72380 31924 35917 ... 25403 36165 24221 00000 +++++	FSK 200/500	(PY)
F01	7-7	1110	13392	Thu	Russian diplo/intel. 72380 31924 35917 ... 25403 36165 24221 00000 +++++	FSK 200/500	(AB)
F01	7-7	1120	15747	Thu	Russian diplo/intel. 72380 31924 35917 ... 25403 36165 24221 00000 +++++	FSK 200/500	(AB)
F01	8-7	1015	11141	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ-FIN)
F01	8-7	1025	9192	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ-FIN)
F01	8-7	1035	7363	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ-FIN)
F01	11-7	1015	11141	Mon	Russian diplo/intel. 79491 58807 38032 ... 99262 34140 18413 00000 +++++ +++++	FSK 200/500	(AB)
F01	11-7	1025	9192	Mon	Russian diplo/intel. 79491 58807 38032 ... 99262 34140 18413 00000 +++++ +++++	FSK 200/500	(AB)
F01	11-7	1035	7363	Mon	Russian diplo/intel. 79491 58807 38032 ... 99262 34140 18413 00000 +++++ +++++	FSK 200/500	(AB)
F01	12-7	1015	11141	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12-7	1025	9192	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12-7	1035	7363	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	13-7	1015	11141	Wed	Russian diplo/intel. 44562 72986 19712 ... 79340 98561 21431 00000 +++++ +++++	FSK 200/500	(AB)
F01	13-7	1025	9192	Wed	Russian diplo/intel. 44562 72986 19712 ... 79340 98561 21431 00000 +++++ +++++	FSK 200/500	(AB)
F01	13-7	1035	7363	Wed	Russian diplo/intel. 44562 72986 19712 ... 79340 98561 21431 00000 +++++ +++++	FSK 200/500	(AB)
F01	14-7	1015	11141	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	14-7	1025	9192	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	14-7	1035	7363	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	15-7	1015	11141	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	15-7	1025	9192	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	15-7	1035	7363	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	18-7	1015	11141	Mon	Russian diplo/intel. 73798 63278 61713 ... 67744 80322 24415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	18-7	1025	9192	Mon	Russian diplo/intel. 73798 63278 61713 ... 67744 80322 24415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	18-7	1035	7363	Mon	Russian diplo/intel. 73798 63278 61713 ... 67744 80322 24415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	19-7	1015	11141	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	19-7	1025	9192	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	19-7	1035	7363	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	20-7	1015	11141	Wed	Russian diplo/intel. 91399 01122 98960 ... 62049 20568 27411 00000 +++++	FSK 200/500	(AB)
F01	20-7	1025	9192	Wed	Russian diplo/intel. 91399 01122 98960 ... 62049 20568 27411 00000 +++++	FSK 200/500	(AB)
F01	20-7	1035	7363	Wed	Russian diplo/intel. 91399 01122 98960 ... 62049 20568 27411 00000 +++++	FSK 200/500	(AB)
F01	21-7	1015	11141	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	21-7	1025	9192	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	21-7	1035	7363	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	22-7	1015	11141	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	22-7	1025	9192	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	22-7	1035	7363	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	25-7	1015	11141	Mon	Russian diplo/intel. 44712 52345 83125 ... 91994 94085 30423 00000 +++++	FSK 200/500	(AB)

<b>F01</b>	25-7	1025	9192	Mon	Russian diplo/intel. 44712 52345 83125 ... 91994 94085 30423 00000 +++++	FSK 200/500	(AB)
<b>F01</b>	25-7	1035	7363	Mon	Russian diplo/intel. 44712 52345 83125 ... 91994 94085 30423 00000 +++++	FSK 200/500	(AB)
<b>F01</b>	26-7	1015	11141	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
<b>F01</b>	26-7	1025	9192	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
<b>F01</b>	26-7	1035	7363	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
<b>F01</b>	27-7	1015	11141	Wed	Russian diplo/intel. 79797 31351 44243 ... 54256 61468 33433 00000 +++++ +++++ +++++	FSK 200/500	(AB)
<b>F01</b>	27-7	1025	9192	Wed	Russian diplo/intel. 79797 31351 44243 ... 54256 61468 33433 00000 +++++ +++++ +++++	FSK 200/500	(AB)
<b>F01</b>	27-7	1035	7363	Wed	Russian diplo/intel. 79797 31351 44243 ... 54256 61468 33433 00000 +++++ +++++ +++++	FSK 200/500	(AB)
<b>F01</b>	28-7	1015	11141	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
<b>F01</b>	28-7	1025	9192	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
<b>F01</b>	28-7	1035	7363	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
<b>F01</b>	29-7	1015	11141	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
<b>F01</b>	29-7	1025	9192	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
<b>F01</b>	29-7	1035	7363	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
<b>F02</b>	21-7	0642	13477	Thu	Russian net. QSX 14730 kHz	FTM-4 MFSK-4/150bd/4000Hz	(Anon)
<b>F02</b>	21-7	0642	14370	Thu	Russian net. QSX 13477 kHz	FTM-4 MFSK-4/150bd/4000Hz	(Anon)
<b>F02</b>	21-7	0718	10681	Thu	Russian net	FTM-4 MFSK-4/150bd/4000Hz	(Anon)
<b>F02</b>	21-7	0725	16003	Thu	Russian net. Two channels. A faulty FTM-4??	FTM-4 MFSK-4/150bd/4000Hz	(Anon)
<b>F02</b>	26-7	0820	14911	Tue	Russian net	FTM-4 MFSK-4/150bd/4000Hz	(Anon)
<b>F03j</b>	1-7	0735	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	1-7	0740	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	1-7	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	1-7	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	1-7	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	1-7	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	1-7	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	1-7	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	1-7	1335	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	1-7	1340	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	1-7	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	1-7	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	2-7	0735	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	2-7	0740	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	2-7	1335	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	2-7	1340	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	3-7	0735	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	3-7	0740	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	3-7	1335	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	3-7	1340	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	4-7	0615	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	4-7	0620	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	4-7	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	4-7	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-7	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(FD)
F03j	4-7	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(FD)
F03j	4-7	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-7	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-7	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-7	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-7	1030	8423	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-7	1035	8423	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-7	1335	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-7	1340	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0615	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0620	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0720	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0725	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0735	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0740	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0835	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0840	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-7	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	5-7	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	5-7	1335	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	5-7	1340	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	5-7	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	5-7	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	6-7	0615	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-7	0620	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-7	0735	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-7	0740	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-7	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-7	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-7	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-7	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-7	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

<b>F03j</b>	6-7	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	6-7	1030	8423	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	6-7	1035	8423	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	6-7	1335	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	6-7	1340	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0615	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0620	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0720	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0725	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0835	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0840	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7-7	1335	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	7-7	1340	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	8-7	0735	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8-7	0740	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8-7	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8-7	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8-7	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8-7	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8-7	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8-7	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	8-7	1335	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	8-7	1340	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	8-7	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	8-7	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	9-7	0735	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	9-7	0740	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	9-7	1335	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	9-7	1340	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	10-7	0735	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	10-7	0740	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	10-7	1335	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	10-7	1340	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	11-7	0615	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)



<b>F03j</b>	11-7	0620	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	11-7	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	11-7	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	11-7	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(FD)
<b>F03j</b>	11-7	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(FD)
<b>F03j</b>	11-7	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	11-7	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	11-7	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	11-7	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	11-7	1030	8423	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	11-7	1035	8423	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	11-7	1335	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	11-7	1340	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	12-7	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0615	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0620	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0720	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0725	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0735	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0740	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0835	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0840	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	12-7	1335	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	12-7	1340	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	12-7	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	12-7	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	13-7	0615	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13-7	0620	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13-7	0735	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13-7	0740	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13-7	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13-7	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	13-7	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	13-7	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-7	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-7	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-7	1030	8423	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-7	1035	8423	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-7	1335	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-7	1340	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0615	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0620	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0720	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0725	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0835	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0840	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-7	1335	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	14-7	1340	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	15-7	0735	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-7	0740	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-7	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-7	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-7	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	15-7	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	15-7	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ-HNG)
F03j	15-7	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ-HNG)
F03j	15-7	1335	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	15-7	1340	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	15-7	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	15-7	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	16-7	0735	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-7	0740	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-7	1335	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ-POL)
F03j	16-7	1340	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ-POL)
F03j	17-7	0735	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-7	0740	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-7	1335	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)

<b>F03j</b>	17-7	1340	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	18-7	0615	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	0620	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(FD)
<b>F03j</b>	18-7	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(FD)
<b>F03j</b>	18-7	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	1030	8423	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	1035	8423	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	1335	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	18-7	1340	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0615	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0620	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0720	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0725	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0735	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0740	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0835	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0840	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	1335	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	19-7	1340	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	19-7	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	19-7	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	20-7	0615	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	20-7	0620	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	20-7	0735	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	20-7	0740	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	20-7	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)



F03j	20-7	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-7	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-7	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-7	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-7	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-7	1030	8423	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-7	1035	8423	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-7	1335	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-7	1340	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0615	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0620	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0720	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0725	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0835	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0840	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-7	1335	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	21-7	1340	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	22-7	0735	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-7	0740	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-7	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-7	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-7	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-7	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-7	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-7	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-7	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	22-7	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	22-7	1335	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	22-7	1340	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	22-7	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	22-7	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	23-7	0735	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-7	0740	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-7	1335	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ-POL)

<b>F03j</b>	23-7	1340	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ-POL)
<b>F03j</b>	24-7	0735	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	24-7	0740	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	24-7	1335	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	24-7	1340	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	25-7	0615	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	0620	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(FD)
<b>F03j</b>	25-7	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(FD)
<b>F03j</b>	25-7	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	1030	8423	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	1035	8423	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	25-7	1335	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	25-7	1340	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	26-7	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0615	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0620	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0720	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0725	11420	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0735	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0740	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0835	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0840	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	1335	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	1340	10210	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	26-7	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	0615	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	0620	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	0735	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	0740	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

<b>F03j</b>	27-7	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	27-7	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	27-7	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	1030	8423	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	1035	8423	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	27-7	1335	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	27-7	1340	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	28-7	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0615	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0620	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0721	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0726	11420	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0835	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0840	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-7	1335	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	28-7	1340	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	29-7	0735	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-7	0740	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-7	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-7	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-7	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-7	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-7	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	29-7	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	29-7	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-7	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-7	1335	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	29-7	1340	10210	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	29-7	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	29-7	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	30-7	0735	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	30-7	0740	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	30-7	1335	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

<b>F03j</b>	30-7	1340	10210	Sat	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	31-7	0735	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	31-7	0740	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	31-7	1335	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03j</b>	31-7	1340	10210	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
<b>F03I</b>	1-7	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	1-7	0805	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	1-7	1935	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	1-7	1940	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	2-7	1935	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	2-7	1940	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	3-7	1935	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	3-7	1940	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	4-7	0950	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	4-7	0955	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	4-7	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	4-7	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	4-7	1935	8180	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	4-7	1940	8180	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	5-7	0635	14865	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	5-7	0640	14865	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	5-7	1100	6433	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	5-7	1105	6433	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	5-7	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	5-7	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	5-7	1935	8180	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	5-7	1940	8180	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6-7	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6-7	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6-7	0950	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6-7	0955	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6-7	1935	8180	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	6-7	1940	8180	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	0635	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	0640	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	0800	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	0805	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	7-7	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	7-7	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)

<b>F03I</b>	7-7	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	1935	8180	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	7-7	1940	8180	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	8-7	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	8-7	0805	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	8-7	1935	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	8-7	1940	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	9-7	1935	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	9-7	1940	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	10-7	1935	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	10-7	1940	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	11-7	0950	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	11-7	0955	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	11-7	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	11-7	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	11-7	1935	8180	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	11-7	1940	8180	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	12-7	0635	14865	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	12-7	0640	14865	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	12-7	1100	6433	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	12-7	1105	6433	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	12-7	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	12-7	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	12-7	1935	8180	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	12-7	1940	8180	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13-7	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13-7	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13-7	0950	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13-7	0955	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13-7	1935	8180	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	13-7	1940	8180	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	0635	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	0640	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	0800	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	0805	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	14-7	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	14-7	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	14-7	1935	8180	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)

<b>F03I</b>	14-7	1940	8180	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	15-7	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
<b>F03I</b>	15-7	0805	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
<b>F03I</b>	15-7	1935	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	15-7	1940	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	16-7	1935	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	16-7	1940	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	17-7	1935	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	17-7	1940	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	18-7	0950	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	18-7	0955	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	18-7	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	18-7	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	18-7	1935	8180	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	18-7	1940	8180	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	19-7	0635	14865	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	19-7	0640	14865	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	19-7	1100	6433	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ-HNG)
<b>F03I</b>	19-7	1105	6433	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ-HNG)
<b>F03I</b>	19-7	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	19-7	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	19-7	1935	8180	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	19-7	1940	8180	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	20-7	0950	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	20-7	0955	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	20-7	1935	8180	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	20-7	1940	8180	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	0635	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	0640	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	0800	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	0805	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	21-7	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	21-7	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	1935	8180	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	21-7	1940	8180	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	22-7	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
<b>F03I</b>	22-7	0805	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
<b>F03I</b>	22-7	1935	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)



<b>F03I</b>	22-7	1940	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	23-7	1935	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	23-7	1940	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	24-7	1935	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	24-7	1940	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	25-7	0950	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	25-7	0955	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	25-7	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	25-7	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	25-7	1935	8180	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	25-7	1940	8180	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	26-7	0635	14865	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	26-7	0640	14865	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	26-7	1100	6433	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ-HNG)
<b>F03I</b>	26-7	1105	6433	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ-HNG)
<b>F03I</b>	26-7	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	26-7	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	26-7	1935	8180	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	26-7	1940	8180	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	27-7	0950	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	27-7	0955	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	27-7	1935	8180	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	27-7	1940	8180	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	28-7	0635	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	28-7	0640	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	28-7	0800	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	28-7	0805	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	28-7	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	28-7	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	28-7	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	28-7	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
<b>F03I</b>	28-7	1935	8180	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	28-7	1940	8180	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	29-7	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
<b>F03I</b>	29-7	0805	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
<b>F03I</b>	29-7	1935	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	29-7	1940	8180	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	30-7	1935	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	30-7	1940	8180	Sat	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	31-7	1935	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F03I</b>	31-7	1940	8180	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB)
<b>F06</b>	1-7	0700	11159	Fri	Russian diplo/intel. 11166 70202 79462 01055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	1-7	0710	9188	Fri	Russian diplo/intel. 11166 70202 79462 01055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-7	0720	7669	Fri	Russian diplo/intel. 11166 70202 79462 01055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-7	1530	19466	Sun	Russian diplo/intel. 11166 10053 75693 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-7	1540	16189	Sun	Russian diplo/intel. 11166 10053 75693 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-7	1550	13576	Sun	Russian diplo/intel. 11166 10053 75693 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-7	0400	10538	Mon	Russian diplo/intel. 11166 70059 95147 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-7	0410	8107	Mon	Russian diplo/intel. 11166 70059 95147 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-7	0420	6791	Mon	Russian diplo/intel. 11166 70059 95147 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-7	0700	11159	Mon	Russian diplo/intel. 11166 70202 13468 01043 02279	FSK 200/1000	(AB)
F06	4-7	0710	9188	Mon	Russian diplo/intel. 11166 70202 13468 01043 02279	FSK 200/1000	(AB)
F06	4-7	0720	7669	Mon	Russian diplo/intel. 11166 70202 13468 01043 02279	FSK 200/1000	(AB)
F06	4-7	1200	10629	Mon	Russian diplo/intel. 11166 70202 13468 01043 02279	FSK 200/1000	(AB)
F06	4-7	1210	8138	Mon	Russian diplo/intel. 11166 70202 13468 01043 02279	FSK 200/1000	(AB-RUS)
F06	4-7	1220	6774	Mon	Russian diplo/intel. 11166 70202 13468 01043 02279	FSK 200/1000	(AB-RUS)
F06	5-7	0030	11619	Tue	Russian diplo/intel. 11166 60070 98741 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-7	0040	10524	Tue	Russian diplo/intel. 11166 60070 98741 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-7	0050	9389	Tue	Russian diplo/intel. 11166 60070 98741 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-7	0700	11159	Tue	Russian diplo/intel. 11166 70202 64217 04044 01159 and 11166 70202 29375 04045 02139	FSK 200/1000	(AB)
F06	5-7	0710	9188	Tue	Russian diplo/intel. 11166 70202 64217 04044 01159 and 11166 70202 29375 04045 02139	FSK 200/1000	(AB)
F06	5-7	0720	7669	Tue	Russian diplo/intel. 11166 70202 64217 04044 01159 and 11166 70202 29375 04045 02139	FSK 200/1000	(AB)
F06	5-7	1200	10629	Tue	Russian diplo/intel. 11166 70202 64217 04044 01159 and 11166 70202 29375 04045 02139	FSK 200/1000	(AB)
F06	5-7	1210	8138	Tue	Russian diplo/intel. 11166 70202 64217 04044 01159 and 11166 70202 29375 04045 02139	FSK 200/1000	(AB-RUS)
F06	5-7	1220	6774	Tue	Russian diplo/intel. 11166 70202 64217 04044 01159 and 11166 70202 29375 04045 02139	FSK 200/1000	(AB-RUS)
F06	5-7	1650	19535	Tue	Russian diplo/intel. 11166 10053 45213 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-7	1700	16348	Tue	Russian diplo/intel. 11166 10053 45213 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-7	1710	13588	Tue	Russian diplo/intel. 11166 10053 45213 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-7	0600	17419	Wed	Russian diplo/intel. 11166 40122 96325 02009 03839	FSK 200/1000	(AB-J)
F06	6-7	0610	15707	Wed	Russian diplo/intel. 11166 40122 96325 02009 03839	FSK 200/1000	(AB-J)
F06	6-7	0620	13446	Wed	Russian diplo/intel. 11166 40122 96325 02009 03839	FSK 200/1000	(AB-J)
F06	6-7	0700	11159	Wed	Russian diplo/intel. 11166 70202 96374 05046 02319	FSK 200/1000	(AB)
F06	6-7	0710	9188	Wed	Russian diplo/intel. 11166 70202 96374 05046 02319	FSK 200/1000	(AB)
F06	6-7	0720	7669	Wed	Russian diplo/intel. 11166 70202 96374 05046 02319	FSK 200/1000	(AB)
F06	6-7	1200	10629	Wed	Russian diplo/intel. 11166 70202 96374 05046 02319	FSK 200/1000	(AB)
F06	6-7	1210	8138	Wed	Russian diplo/intel. 11166 70202 96374 05046 02319	FSK 200/1000	(AB-RUS)
F06	6-7	1220	6774	Wed	Russian diplo/intel. 11166 70202 96374 05046 02319	FSK 200/1000	(AB-RUS)
F06	7-7	0600	17419	Thu	Russian diplo/intel. 11166 40122 96325 02009 03839	FSK 200/1000	(AB-J)
F06	7-7	0610	15707	Thu	Russian diplo/intel. 11166 40122 96325 02009 03839	FSK 200/1000	(AB-J)
F06	7-7	0620	13446	Thu	Russian diplo/intel. 11166 40122 96325 02009 03839	FSK 200/1000	(AB-J)
F06	7-7	0700	11159	Thu	Russian diplo/intel. 11166 70202 15964 06047 01539 and 11166 70202 24681 06048 01759	FSK 200/1000	(AB)
F06	7-7	0710	9188	Thu	Russian diplo/intel. 11166 70202 15964 06047 01539 and 11166 70202 24681 06048 01759	FSK 200/1000	(AB)
F06	7-7	0720	7669	Thu	Russian diplo/intel. 11166 70202 15964 06047 01539 and 11166 70202 24681 06048 01759	FSK 200/1000	(AB)
F06	7-7	1200	10629	Thu	Russian diplo/intel. 11166 70202 15964 06047 01539 and 11166 70202 24681 06048 01759	FSK 200/1000	(AB/MPJ)



F06	7-7	1210	8138	Thu	Russian diplo/intel. 11166 70202 15964 06047 01539 and 11166 70202 24681 06048 01759	FSK 200/1000	(AB-RUS/MPJ)
F06	7-7	1220	6774	Thu	Russian diplo/intel. 11166 70202 15964 06047 01539 and 11166 70202 24681 06048 01759	FSK 200/1000	(AB-RUS/MPJ)
F06	8-7	0700	11159	Fri	Russian diplo/intel. 11166 70202 14732 08059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-7	0710	9188	Fri	Russian diplo/intel. 11166 70202 14732 08059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-7	0720	7669	Fri	Russian diplo/intel. 11166 70202 14732 08059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-7	1530	19466	Sun	Russian diplo/intel. 11166 10053 75369 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	10-7	1540	16189	Sun	Russian diplo/intel. 11166 10053 75369 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10-7	1550	13576	Sun	Russian diplo/intel. 11166 10053 75369 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ/RL-HOL)
F06	11-7	0700	11159	Mon	Russian diplo/intel. 11166 70202 42178 08049 02099	FSK 200/1000	(AB)
F06	11-7	0710	9188	Mon	Russian diplo/intel. 11166 70202 42178 08049 02099	FSK 200/1000	(AB)
F06	11-7	0720	7669	Mon	Russian diplo/intel. 11166 70202 42178 08049 02099	FSK 200/1000	(AB)
F06	11-7	1200	10629	Mon	Russian diplo/intel. 11166 70202 42178 08049 02099	FSK 200/1000	(AB/MPJ)
F06	11-7	1210	8138	Mon	Russian diplo/intel. 11166 70202 42178 08049 02099	FSK 200/1000	(AB-RUS/MPJ)
F06	11-7	1220	6774	Mon	Russian diplo/intel. 11166 70202 42178 08049 02099	FSK 200/1000	(AB-RUS/MPJ)
F06	12-7	0030	11619	Tue	Russian diplo/intel. 11166 60070 54879 12075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-7	0040	10524	Tue	Russian diplo/intel. 11166 60070 54879 12075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-7	0050	9389	Tue	Russian diplo/intel. 11166 60070 54879 12075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-7	0700	11159	Tue	Russian diplo/intel. 11166 70202 96358 11050 01799 and 11166 70202 74152 11051 01999	FSK 200/1000	(AB)
F06	12-7	0710	9188	Tue	Russian diplo/intel. 11166 70202 96358 11050 01799 and 11166 70202 74152 11051 01999	FSK 200/1000	(AB)
F06	12-7	0720	7669	Tue	Russian diplo/intel. 11166 70202 96358 11050 01799 and 11166 70202 74152 11051 01999	FSK 200/1000	(AB)
F06	12-7	1200	10629	Tue	Russian diplo/intel. 11166 70202 96358 11050 01799 and 11166 70202 74152 11051 01999	FSK 200/1000	(AB/MPJ-POL)
F06	12-7	1210	8138	Tue	Russian diplo/intel. 11166 70202 96358 11050 01799 and 11166 70202 74152 11051 01999	FSK 200/1000	(AB-RUS/MPJ-POL)
F06	12-7	1220	6774	Tue	Russian diplo/intel. 11166 70202 96358 11050 01799 and 11166 70202 74152 11051 01999	FSK 200/1000	(AB-RUS/MPJ-POL)
F06	12-7	1650	19535	Tue	Russian diplo/intel. 11166 10053 78541 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-7	1700	16348	Tue	Russian diplo/intel. 11166 10053 78541 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-7	1710	13588	Tue	Russian diplo/intel. 11166 10053 78541 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-7	0600	17419	Wed	Russian diplo/intel. 11166 40122 68502 09010 03029 and 11166 40122 98520 09011 02769	FSK 200/1000	(AB-J)
F06	13-7	0610	15707	Wed	Russian diplo/intel. 11166 40122 68502 09010 03029 and 11166 40122 98520 09011 02769	FSK 200/1000	(AB-J)
F06	13-7	0620	13446	Wed	Russian diplo/intel. 11166 40122 68502 09010 03029 and 11166 40122 98520 09011 02769	FSK 200/1000	(AB-J)
F06	13-7	0700	11159	Wed	Russian diplo/intel. 11166 70202 15487 12052 02939	FSK 200/1000	(AB)
F06	13-7	0710	9188	Wed	Russian diplo/intel. 11166 70202 15487 12052 02939	FSK 200/1000	(AB)
F06	13-7	0720	7669	Wed	Russian diplo/intel. 11166 70202 15487 12052 02939	FSK 200/1000	(AB)
F06	13-7	0915	18746	Wed	Russian diplo/intel. 11166 40023 54213 13001 00049 00000 00000 00000 00000	FSK 200/1000	(T101)
F06	13-7	0930	14574	Wed	Russian diplo/intel. 11166 40023 54213 13001 00049 00000 00000 00000 00000	FSK 200/1000	(T101)
F06	13-7	0945	13383	Wed	Russian diplo/intel. 11166 40023 54213 13001 00049 00000 00000 00000 00000	FSK 200/1000	(T101)
F06	13-7	1200	10629	Wed	Russian diplo/intel. 11166 70202 15487 12052 02939	FSK 200/1000	(AB)
F06	13-7	1210	8138	Wed	Russian diplo/intel. 11166 70202 15487 12052 02939	FSK 200/1000	(AB-RUS)
F06	13-7	1220	6774	Wed	Russian diplo/intel. 11166 70202 15487 12052 02939	FSK 200/1000	(AB-RUS)
F06	14-7	0600	17419	Thu	Russian diplo/intel. 11166 40122 68502 09010 03029 and 11166 40122 98520 09011 02769	FSK 200/1000	(AB-J)
F06	14-7	0610	15707	Thu	Russian diplo/intel. 11166 40122 68502 09010 03029 and 11166 40122 98520 09011 02769	FSK 200/1000	(AB-J)
F06	14-7	0620	13446	Thu	Russian diplo/intel. 11166 40122 68502 09010 03029 and 11166 40122 98520 09011 02769	FSK 200/1000	(AB-J)
F06	14-7	0700	11159	Thu	Russian diplo/intel. 11166 70202 84329 13053 01559 and 11166 70202 19247 13054 01699	FSK 200/1000	(AB)

F06	14-7	0710	9188	Thu	Russian diplo/intel. 11166 70202 84329 13053 01559 and 11166 70202 19247 13054 01699	FSK 200/1000	(AB)
F06	14-7	0720	7669	Thu	Russian diplo/intel. 11166 70202 84329 13053 01559 and 11166 70202 19247 13054 01699	FSK 200/1000	(AB)
F06	14-7	1200	10629	Thu	Russian diplo/intel. 11166 70202 84329 13053 01559 and 11166 70202 19247 13054 01699	FSK 200/1000	(AB)
F06	14-7	1210	8138	Thu	Russian diplo/intel. 11166 70202 84329 13053 01559 and 11166 70202 19247 13054 01699	FSK 200/1000	(AB-RUS)
F06	14-7	1220	6774	Thu	Russian diplo/intel. 11166 70202 84329 13053 01559 and 11166 70202 19247 13054 01699	FSK 200/1000	(AB-RUS)
F06	15-7	0700	11159	Fri	Russian diplo/intel. 11166 70202 74158 15091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-7	0710	9188	Fri	Russian diplo/intel. 11166 70202 74158 15091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-7	0720	7669	Fri	Russian diplo/intel. 11166 70202 74158 15091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-7	1530	19466	Sun	Russian diplo/intel. 11166 10053 45213 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	17-7	1540	16189	Sun	Russian diplo/intel. 11166 10053 45213 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	17-7	1550	13576	Sun	Russian diplo/intel. 11166 10053 45213 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18-7	0400	10538	Mon	Russian diplo/intel. 11166 70059 45213 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-7	0410	8107	Mon	Russian diplo/intel. 11166 70059 45213 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-7	0420	6791	Mon	Russian diplo/intel. 11166 70059 45213 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-7	0700	11159	Mon	Russian diplo/intel. 11166 70202 85247 15055 02439	FSK 200/1000	(AB)
F06	18-7	0710	9188	Mon	Russian diplo/intel. 11166 70202 85247 15055 02439	FSK 200/1000	(AB)
F06	18-7	0720	7669	Mon	Russian diplo/intel. 11166 70202 85247 15055 02439	FSK 200/1000	(AB)
F06	18-7	1200	10629	Mon	Russian diplo/intel. 11166 70202 85247 15055 02439	FSK 200/1000	(AB)
F06	18-7	1210	8138	Mon	Russian diplo/intel. 11166 70202 85247 15055 02439	FSK 200/1000	(AB-RUS)
F06	18-7	1220	6774	Mon	Russian diplo/intel. 11166 70202 85247 15055 02439	FSK 200/1000	(AB-RUS)
F06	19-7	0030	11619	Tue	Russian diplo/intel. 11166 60070 74268 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-7	0040	10524	Tue	Russian diplo/intel. 11166 60070 74268 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-7	0050	9389	Tue	Russian diplo/intel. 11166 60070 74268 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-7	0700	11159	Tue	Russian diplo/intel. 11166 70202 76291 18056 01579 and 11166 70202 52846 18057 01679	FSK 200/1000	(AB)
F06	19-7	0710	9188	Tue	Russian diplo/intel. 11166 70202 76291 18056 01579 and 11166 70202 52846 18057 01679	FSK 200/1000	(AB)
F06	19-7	0720	7669	Tue	Russian diplo/intel. 11166 70202 76291 18056 01579 and 11166 70202 52846 18057 01679	FSK 200/1000	(AB)
F06	19-7	1200	10629	Tue	Russian diplo/intel. 11166 70202 76291 18056 01579 and 11166 70202 52846 18057 01679	FSK 200/1000	(AB/MPJ)
F06	19-7	1210	8138	Tue	Russian diplo/intel. 11166 70202 76291 18056 01579 and 11166 70202 52846 18057 01679	FSK 200/1000	(AB-RUS/MPJ)
F06	19-7	1220	6774	Tue	Russian diplo/intel. 11166 70202 76291 18056 01579 and 11166 70202 52846 18057 01679	FSK 200/1000	(AB-RUS/MPJ)
F06	19-7	1650	19535	Tue	Russian diplo/intel. 11166 10053 54879 19075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-7	1700	16348	Tue	Russian diplo/intel. 11166 10053 54879 19075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-7	1710	13588	Tue	Russian diplo/intel. 11166 10053 54879 19075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-7	0600	17419	Wed	Russian diplo/intel. 11166 40122 29534 20025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	20-7	0610	15707	Wed	Russian diplo/intel. 11166 40122 29534 20025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	20-7	0620	13446	Wed	Russian diplo/intel. 11166 40122 29534 20025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	20-7	0700	11159	Wed	Russian diplo/intel. 11166 70202 18493 19058 02199	FSK 200/1000	(AB)
F06	20-7	0710	9188	Wed	Russian diplo/intel. 11166 70202 18493 19058 02199	FSK 200/1000	(AB)
F06	20-7	0720	7669	Wed	Russian diplo/intel. 11166 70202 18493 19058 02199	FSK 200/1000	(AB)
F06	20-7	1200	10629	Wed	Russian diplo/intel. 11166 70202 18493 19058 02199	FSK 200/1000	(AB)
F06	20-7	1210	8138	Wed	Russian diplo/intel. 11166 70202 18493 19058 02199	FSK 200/1000	(AB-RUS)
F06	20-7	1220	6774	Wed	Russian diplo/intel. 11166 70202 18493 19058 02199	FSK 200/1000	(AB-RUS)
F06	21-7	0700	11159	Thu	Russian diplo/intel. 11166 70202 64287 20059 01999 and 11166 70202 25874 20060 02059	FSK 200/1000	(AB)

F06	21-7	0710	9188	Thu	Russian diplo/intel. 11166 70202 64287 20059 01999 and 11166 70202 25874 20060 02059	FSK 200/1000	(AB)
F06	21-7	0720	7669	Thu	Russian diplo/intel. 11166 70202 64287 20059 01999 and 11166 70202 25874 20060 02059	FSK 200/1000	(AB)
F06	21-7	1200	10629	Thu	Russian diplo/intel. 11166 70202 64287 20059 01999 and 11166 70202 25874 20060 02059	FSK 200/1000	(AB)
F06	21-7	1210	8138	Thu	Russian diplo/intel. 11166 70202 64287 20059 01999 and 11166 70202 25874 20060 02059	FSK 200/1000	(AB-RUS)
F06	21-7	1220	6774	Thu	Russian diplo/intel. 11166 70202 64287 20059 01999 and 11166 70202 25874 20060 02059	FSK 200/1000	(AB-RUS)
F06	22-7	0700	11159	Fri	Russian diplo/intel. 11166 70202 71903 22089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-7	0710	9188	Fri	Russian diplo/intel. 11166 70202 71903 22089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-7	0720	7669	Fri	Russian diplo/intel. 11166 70202 71903 22089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-7	1530	19466	Sun	Russian diplo/intel. 11166 10053 75319 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	24-7	1540	16189	Sun	Russian diplo/intel. 11166 10053 75319 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	24-7	1550	13576	Sun	Russian diplo/intel. 11166 10053 75319 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	25-7	0700	11159	Mon	Russian diplo/intel. 11166 70202 14785 22061 02279	FSK 200/1000	(AB)
F06	25-7	0710	9188	Mon	Russian diplo/intel. 11166 70202 14785 22061 02279	FSK 200/1000	(AB)
F06	25-7	0720	7669	Mon	Russian diplo/intel. 11166 70202 14785 22061 02279	FSK 200/1000	(AB)
F06	25-7	1200	10629	Mon	Russian diplo/intel. 11166 70202 14785 22061 02279	FSK 200/1000	(AB)
F06	25-7	1210	8138	Mon	Russian diplo/intel. 11166 70202 14785 22061 02279	FSK 200/1000	(AB-RUS)
F06	25-7	1220	6774	Mon	Russian diplo/intel. 11166 70202 14785 22061 02279	FSK 200/1000	(AB-RUS)
F06	26-7	0030	11619	Tue	Russian diplo/intel. 11166 60070 45612 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-7	0040	10524	Tue	Russian diplo/intel. 11166 60070 45612 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-7	0050	9389	Tue	Russian diplo/intel. 11166 60070 45612 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-7	0700	11159	Tue	Russian diplo/intel. 11166 70202 67321 25062 01839 and 11166 70202 96712 25063 01959	FSK 200/1000	(AB)
F06	26-7	0710	9188	Tue	Russian diplo/intel. 11166 70202 67321 25062 01839 and 11166 70202 96712 25063 01959	FSK 200/1000	(AB)
F06	26-7	0720	7669	Tue	Russian diplo/intel. 11166 70202 67321 25062 01839 and 11166 70202 96712 25063 01959	FSK 200/1000	(AB)
F06	26-7	1200	10629	Tue	Russian diplo/intel. 11166 70202 67321 25062 01839 and 11166 70202 96712 25063 01959	FSK 200/1000	(AB)
F06	26-7	1210	8138	Tue	Russian diplo/intel. 11166 70202 67321 25062 01839 and 11166 70202 96712 25063 01959	FSK 200/1000	(AB-RUS)
F06	26-7	1220	6774	Tue	Russian diplo/intel. 11166 70202 67321 25062 01839 and 11166 70202 96712 25063 01959	FSK 200/1000	(AB-RUS)
F06	26-7	1650	19535	Tue	Russian diplo/intel. 11166 10053 78451 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-7	1700	16348	Tue	Russian diplo/intel. 11166 10053 78451 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-7	1710	13588	Tue	Russian diplo/intel. 11166 10053 78451 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-7	0600	17419	Wed	Russian diplo/intel. 11166 40122 45327 23012 03219	FSK 200/1000	(AB-J)
F06	27-7	0610	15707	Wed	Russian diplo/intel. 11166 40122 45327 23012 03219	FSK 200/1000	(AB-J)
F06	27-7	0620	13446	Wed	Russian diplo/intel. 11166 40122 45327 23012 03219	FSK 200/1000	(AB-J)
F06	27-7	0700	11159	Wed	Russian diplo/intel. 11166 70202 68127 26064 02199	FSK 200/1000	(AB)
F06	27-7	0710	9188	Wed	Russian diplo/intel. 11166 70202 68127 26064 02199	FSK 200/1000	(AB)
F06	27-7	0720	7669	Wed	Russian diplo/intel. 11166 70202 68127 26064 02199	FSK 200/1000	(AB)
F06	27-7	1200	10629	Wed	Russian diplo/intel. 11166 70202 68127 26064 02199	FSK 200/1000	(AB)
F06	27-7	1210	8138	Wed	Russian diplo/intel. 11166 70202 68127 26064 02199	FSK 200/1000	(AB-RUS)
F06	27-7	1220	6774	Wed	Russian diplo/intel. 11166 70202 68127 26064 02199	FSK 200/1000	(AB-RUS)
F06	28-7	0600	17419	Thu	Russian diplo/intel. 11166 40122 45327 23012 03219	FSK 200/1000	(AB-J)
F06	28-7	0610	15707	Thu	Russian diplo/intel. 11166 40122 45327 23012 03219	FSK 200/1000	(AB-J)
F06	28-7	0620	13446	Thu	Russian diplo/intel. 11166 40122 45327 23012 03219	FSK 200/1000	(AB-J)
F06	28-7	0700	11159	Thu	Russian diplo/intel. 11166 70202 63574 27065 01879 and 11166 70202 12548 27066 01979	FSK 200/1000	(AB)

F06	28-7	0710	9188	Thu	Russian diplo/intel. 11166 70202 63574 27065 01879 and 11166 70202 12548 27066 01979	FSK 200/1000	(AB)
F06	28-7	0720	7669	Thu	Russian diplo/intel. 11166 70202 63574 27065 01879 and 11166 70202 12548 27066 01979	FSK 200/1000	(AB)
F06	28-7	1200	10629	Thu	Russian diplo/intel. 11166 70202 63574 27065 01879 and 11166 70202 12548 27066 01979	FSK 200/1000	(AB/MPJ)
F06	28-7	1210	8138	Thu	Russian diplo/intel. 11166 70202 63574 27065 01879 and 11166 70202 12548 27066 01979	FSK 200/1000	(AB-RUS/MPJ)
F06	28-7	1220	6774	Thu	Russian diplo/intel. 11166 70202 63574 27065 01879 and 11166 70202 12548 27066 01979	FSK 200/1000	(AB-RUS/MPJ)
F06	29-7	0700	11159	Fri	Russian diplo/intel. 11166 70202 56981 29038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-7	0710	9188	Fri	Russian diplo/intel. 11166 70202 56981 29038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-7	0720	7669	Fri	Russian diplo/intel. 11166 70202 56981 29038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	31-7	1530	19466	Sun	Russian diplo/intel. 11166 10053 54213 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	31-7	1540	16189	Sun	Russian diplo/intel. 11166 10053 54213 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	31-7	1550	13576	Sun	Russian diplo/intel. 11166 10053 54213 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06a	1-7	0400	7476	Fri	Russian diplo/intel. File 04434	FSK 200/1000	(AB)
F06a	1-7	0415	6855	Fri	Russian diplo/intel. File 04434	FSK 200/1000	(AB)
F06a	1-7	0430	5249	Fri	Russian diplo/intel. File 04434	FSK 200/1000	(AB)
F06a	2-7	2100	20165	Sat	Russian diplo/intel. File 44427	FSK 200/1000	(AB/RL)
F06a	2-7	2115	16344	Sat	Russian diplo/intel. File 44427	FSK 200/1000	(AB/RL)
F06a	2-7	2130	14881	Sat	Russian diplo/intel. File 44427	FSK 200/1000	(AB/RL)
F06a	3-7	2100	20165	Sun	Russian diplo/intel. File 44427	FSK 200/1000	(AB-RUS)
F06a	3-7	2115	16344	Sun	Russian diplo/intel. File 44427	FSK 200/1000	(AB-RUS)
F06a	3-7	2130	14881	Sun	Russian diplo/intel. File 44427	FSK 200/1000	(AB)
F06a	7-7	0400	7377	Thu	Russian diplo/intel. File 04435	FSK 200/1000	(AB)
F06a	7-7	0415	6837	Thu	Russian diplo/intel. File 04435	FSK 200/1000	(AB)
F06a	7-7	0430	5329	Thu	Russian diplo/intel. File 04435	FSK 200/1000	(AB)
F06a	8-7	0400	7377	Fri	Russian diplo/intel. File 04435	FSK 200/1000	(AB)
F06a	8-7	0415	6837	Fri	Russian diplo/intel. File 04435	FSK 200/1000	(AB)
F06a	8-7	0430	5329	Fri	Russian diplo/intel. File 04435	FSK 200/1000	(AB)
F06a	9-7	2100	20165	Sat	Russian diplo/intel. File 04428	FSK 200/1000	(AB/RL)
F06a	9-7	2115	16344	Sat	Russian diplo/intel. File 04428	FSK 200/1000	(AB/RL)
F06a	9-7	2130	14881	Sat	Russian diplo/intel. File 04428	FSK 200/1000	(AB/RL)
F06a	10-7	2100	20165	Sun	Russian diplo/intel. File 04428	FSK 200/1000	(AB-RUS)
F06a	10-7	2115	16344	Sun	Russian diplo/intel. File 04428	FSK 200/1000	(AB)
F06a	10-7	2130	14881	Sun	Russian diplo/intel. File 04428	FSK 200/1000	(AB)
F06a	14-7	0400	7377	Thu	Russian diplo/intel. File 04436	FSK 200/1000	(AB)
F06a	14-7	0415	6837	Thu	Russian diplo/intel. File 04436	FSK 200/1000	(AB)
F06a	14-7	0430	5329	Thu	Russian diplo/intel. File 04436	FSK 200/1000	(AB)
F06a	15-7	0400	7377	Fri	Russian diplo/intel. File 04436	FSK 200/1000	(AB)
F06a	15-7	0415	6837	Fri	Russian diplo/intel. File 04436	FSK 200/1000	(AB)
F06a	15-7	0430	5329	Fri	Russian diplo/intel. File 04436	FSK 200/1000	(AB)
F06a	16-7	2100	20165	Sat	Russian diplo/intel. File 04429	FSK 200/1000	(AB)
F06a	16-7	2115	16344	Sat	Russian diplo/intel. File 04429	FSK 200/1000	(AB)
F06a	16-7	2130	14881	Sat	Russian diplo/intel. File 04429	FSK 200/1000	(AB)
F06a	17-7	2100	20165	Sun	Russian diplo/intel. File 04429	FSK 200/1000	(AB-RUS)

F06a	17-7	2115	16344	Sun	Russian diplo/intel. File 04429	FSK 200/1000	(AB)
F06a	17-7	2130	14881	Sun	Russian diplo/intel. File 04429	FSK 200/1000	(AB)
F06a	21-7	0400	7377	Thu	Russian diplo/intel. File 04437	FSK 200/1000	(AB)
F06a	21-7	0415	6837	Thu	Russian diplo/intel. File 04437	FSK 200/1000	(AB)
F06a	21-7	0430	5329	Thu	Russian diplo/intel. File 04437	FSK 200/1000	(AB)
F06a	22-7	0400	7377	Fri	Russian diplo/intel. File 04437	FSK 200/1000	(AB)
F06a	22-7	0415	6837	Fri	Russian diplo/intel. File 04437	FSK 200/1000	(AB)
F06a	22-7	0430	5329	Fri	Russian diplo/intel. File 04437	FSK 200/1000	(AB)
F06a	23-7	2100	20165	Sat	Russian diplo/intel. File 04430	FSK 200/1000	(AB)
F06a	23-7	2115	16344	Sat	Russian diplo/intel. File 04430	FSK 200/1000	(AB)
F06a	23-7	2130	14881	Sat	Russian diplo/intel. File 04430	FSK 200/1000	(AB)
F06a	24-7	2100	20165	Sun	Russian diplo/intel. File 04430	FSK 200/1000	(AB-RUS)
F06a	24-7	2115	16344	Sun	Russian diplo/intel. File 04430	FSK 200/1000	(AB)
F06a	24-7	2130	14881	Sun	Russian diplo/intel. File 04430	FSK 200/1000	(AB)
F06a	28-7	0400	7377	Thu	Russian diplo/intel. File 04438	FSK 200/1000	(AB)
F06a	28-7	0415	6837	Thu	Russian diplo/intel. File 04438	FSK 200/1000	(AB)
F06a	28-7	0430	5329	Thu	Russian diplo/intel. File 04438	FSK 200/1000	(AB)
F06a	29-7	0400	7377	Fri	Russian diplo/intel. File 04438	FSK 200/1000	(AB)
F06a	29-7	0415	6837	Fri	Russian diplo/intel. File 04438	FSK 200/1000	(AB)
F06a	29-7	0430	5329	Fri	Russian diplo/intel. File 04438	FSK 200/1000	(AB)
F06a	30-7	2100	20165	Sat	Russian diplo/intel. File 04431	FSK 200/1000	(AB-RUS)
F06a	30-7	2115	16344	Sat	Russian diplo/intel. File 04431	FSK 200/1000	(AB/RL)
F06a	30-7	2130	14881	Sat	Russian diplo/intel. File 04431	FSK 200/1000	(AB/RL)
F06a	31-7	2100	20165	Sun	Russian diplo/intel. File 04431	FSK 200/1000	(AB-RUS)
F06a	31-7	2115	16344	Sun	Russian diplo/intel. File 04431	FSK 200/1000	(AB)
F06a	31-7	2130	14881	Sun	Russian diplo/intel. File 04431	FSK 200/1000	(AB)
HM01	1-7	1606	11435	Fri	02645 71263 10775 07442 68501 41811 Files 50360264.F1C 22067126.TXT 42571077.TXT 80270744.TXT 52746850.TXT 23554181.TXT	AM/WinDRM	(AB-USA/RR2)
HM01	1-7	2200	10715	Fri	02645 71263 10775 07442 68501 41811	AM/WinDRM	(RL)
HM01	2-7	1602	11435	Sat	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA/RR2)
HM01	3-7	1600	11435	Sun	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	4-7	1633	11435	Mon	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	5-7	1559	11435	Tue	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA/RR2)
HM01	6-7	1610	11435	Wed	i.p. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA/RR2)
HM01	7-7	1659	11530	Thu	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	7-7	1809	11635	Thu	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	8-7	1712	11530	Fri	02645 71263 10775 07442 68501 41811	AM/WinDRM	(AB-USA)
HM01	9-7	1632	11435	Sat	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	9-7	1722	11530	Sat	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	10-7	1600	11435	Sun	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	10-7	1635	11435	Sun	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	11-7	1600	11435	Mon	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)



HM01	11-7	2100	11635	Mon	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	12-7	0617	14375	Tue	i.p. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(EW)
HM01	12-7	1631	11435	Tue	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA/RR2)
HM01	13-7	1603	11435	Wed	Late start. Already in progress. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	13-7	1836	11635	Wed	i.p. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	14-7	0630	14375	Thu	i.p. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(EW)
HM01	14-7	1646	11435	Thu	i.p. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	14-7	1833	11635	Thu	i.p. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	15-7	1602	11435	Fri	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	15-7	2100	11635	Fri	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	16-7	1613	11435	Sat	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	16-7	1636	11435	Sat	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	17-7	1630	11435	Sun	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	17-7	1835	11635	Sun	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	18-7	1724	11530	Mon	i.p. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	18-7	1800	11635	Mon	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	19-7	1600	11435	Tue	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	19-7	1611	11435	Tue	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	20-7	1609	11435	Wed	Late start. Already in progress. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	20-7	1633	11435	Wed	02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(RR2)
HM01	21-7	0721	13435	Thu	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(EW)
HM01	21-7	1645	11435	Thu	i.p. 02645 71263 10775 07442 68501 41811 (repeat of 1 July)	AM/WinDRM	(AB-USA)
HM01	22-7	1602	11435	Fri	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	22-7	1758	11635	Fri	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	23-7	0800	11635	Sat	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	23-7	1600	11435	Sat	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(RR2)
HM01	24-7	1611	11435	Sun	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(RR2)
HM01	24-7	1635	11435	Sun	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	25-7	1830	11635	Mon	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	25-7	2135	11635	Mon	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(RR2)
HM01	25-7	2200	10715	Mon	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(RL)
HM01	26-7	1635	11435	Tue	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	26-7	2200	17480	Tue	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(RL)
HM01	27-7	1730	11530	Wed	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	28-7	1635	11435	Thu	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	29-7	1600	11435	Fri	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	29-7	1802	11635	Fri	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(RR2)
HM01	30-7	1600	11435	Sat	No signal	AM/WinDRM	(AB-USA)
HM01	30-7	1630	11435	Sat	No signal	AM/WinDRM	(AB-USA)
HM01	30-7	1700	11539	Sat	No signal	AM/WinDRM	(AB-USA)
HM01	30-7	1730	11539	Sat	No signal	AM/WinDRM	(AB-USA)
HM01	30-7	2100	16180	Sat	Carrier till 2112z, then 02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA/RR2)

HM01	31-7	1642	11435	Sun	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(AB-USA)
HM01	31-7	2112	11635	Sun	02644 71262 10774 07441 68501 41811 (repeat of 30 June)	AM/WinDRM	(RR2)
M01	2-7	1500	6435	Sat	025 404 404 30 30 = = 74260 27490 17398 ... 90546 67412 80654 = = 404 404 30 30	CW	(AB-FIN/MPJ-HOL)
M01	3-7	0700	6780	Sun	025 113 113 30 30 = = 38743 67345 63523 ... 68937 74368 76453 = = 113 113 30 30 000	CW	(AB-FIN)
M01	5-7	1800	5280	Tue	i.p. 94638 75485 74537 ... too poor to copy	CW	(MPJ-AUT)
M01	5-7	2000	4903	Tue	025 724 724 30 30 = = 54328 52472 94857 ... 47364 74650 95843 = = 724 724 30 30 000	CW	(AB-FIN)
M01	7-7	1800	5280	Thu	025 758 758 30 30 = = 73648 91734 03841 ... 03717 17362 18475 = = 758 758 30 000	CW	(MPJ-FIN)
M01	9-7	1500	6435	Sat	VVV at 1449z. 025 256 256 30 30 10475 28395 19204 ... 55387 22834 89267 = = 256 256 30 30 000	CW	(AB-FIN/MPJ-HNG)
M01	10-7	0658	6780	Sun	025 572 572 30 30 = = 35126 84613 08589 ... 37549 01547 26803 572 572 30 30 000	CW	(AB-FIN)
M01	12-7	1800	5280	Tue	025 7412074100 64183 891 30 891 30 74120 64183 94610 ... 74129 64980 89130 891 30 891 30 000 Many errors	CW	(AB-FIN/MPJ-HNG)
M01	12-7	2000	4903	Tue	025 564 30 564 30 17391 94510 84514 ... 01243 74017 89329 564 30 564 30 000	CW	(AB-FIN)
M01	14-7	1800	5280	Thu	025 128 128 30 30 = = 57148 90142 58142 ... 61506 90170 31601 = = 128 128 30 30 000	CW	(MPJ-FIN)
M01	16-7	1459	6435	Sat	025 380 380 30 30 = = 84736 28736 48374 ... 36453 91847 37645 = = 380 380 30 30 000	CW	(AB-FIN/MPJ-FIN)
M01	17-7	0658	6780	Sun	025 847 947 30 30 = = 73642 95843 95847 ... 29183 73645 10932 = = 947 947 30 30 000	CW	(AB-FIN)
M01	21-7	1800	5280	Thu	025 113 113 30 30 = = 93648 1937 (!) 03489 ... 12009 20015 40428 = = 113 113 30 30 000	CW	(MPJ)
M01	21-7	2000	4903	Thu	025 405 405 30 30 = = 82367 98438 12754 etc. Many incomplete groups	CW	(AB-POL)
M01	23-7	1459	6435	Sat	025 372 (once) 30 30 = = 74839 01837 93829 ... 95391 19472 47291 = = 372 372 30 30 000	CW	(MPJ-HNG)
M01	23-7	1500	6435	Sat	025 244 244 30 30 = = 46537 99809 10092 ... 88576 37645 00980 = = 244 244 30 30 000	CW	(AB)
M01	24-7	0658	6780	Sun	025 831 831 30 30 = = 75892 03829 49201 ... 18719 1871 1837686 10911111 = = 831 831 30 30 000 000 Errors at the end	CW	(AB-FIN)
M01	26-7	1800	5280	Tue	025 576 576 30 30 = = 83726 94857 38475 ... 10932 84756 56382 = = 576 576 30 30 000	CW	(AB-FIN)
M01	28-7	2000	4903	Thu	025 275 275 30 30 17427 45190 54518 58140 ... 84551 74541 95410 275 275 30 30 000	CW	(AB)
M01	31-7	0658	6780	Sun	025 442 442 30 30 = = 54768 96809 14325 ... 46576 10199 46577 = = 442 442 30 30 000	CW	(AB-FIN)
M12	1-7	0030	7475	Fri	402 402 402 1 864 79 864 79 49911 04707 62140 ... 38742 18789 05299 000 000	CW	(AB/HFD)
M12	1-7	0050	8075	Fri	402 402 402 1 864 79 864 79 49911 04707 62140 ... 38742 18789 05299 000 000	CW	(AB/HFD)
M12	1-7	0110	9275	Fri	402 402 402 1 864 79 864 79 49911 04707 62140 ... 38742 18789 05299 000 000	CW	(AB/HFD)
M12	1-7	0800	12218	Fri	254 254 254 000	CW	(AB)
M12	1-7	0820	13518	Fri	254 254 254 000	CW	(AB)
M12	1-7	1620	14984	Fri	293 293 293 000	CW	(HFD)
M12	1-7	1900	14963	Fri	943 943 943 000	CW	(HFD)
M12	1-7	1920	14468	Fri	943 943 943 000	CW	(HFD)
M12	1-7	2100	10767	Fri	712 712 712 1 696 90 696 90 42842 23664 35634 ... 90379 30890 77797 000 000	CW	(AB/RL)
M12	1-7	2120	10167	Fri	712 712 712 1 696 90 696 90 42842 23664 35634 ... 90379 30890 77797 000 000	CW	(AB/RL)
M12	1-7	2140	9267	Fri	712 712 712 1 696 90 696 90 42842 23664 35634 ... 90379 30890 77797 000 000	CW	(AB/RL)
M12	2-7	1800	11435	Sat	938 938 938 1 5553 73 5553 73 85689 85530 53512 ... 89338 28213 27227 000 000	CW	(AB)
M12	2-7	1820	10598	Sat	938 938 938 1 5553 73 5553 73 85689 85530 53512 ... 89338 28213 27227 000 000	CW	(AB)
M12	2-7	1840	9327	Sat	938 938 938 1 5553 73 5553 73 85689 85530 53512 ... 89338 28213 27227 000 000	CW	(AB)
M12	2-7	2100	10767	Sat	712 712 712 1 696 90 696 90 42842 23664 35634 ... 90379 30890 77797 000 000	CW	(AB/RL/HFD)
M12	2-7	2120	10167	Sat	712 712 712 1 696 90 696 90 42842 23664 35634 ... 90379 30890 77797 000 000	CW	(AB/RL/HFD)
M12	2-7	2140	9267	Sat	712 712 712 1 696 90 696 90 42842 23664 35634 ... 90379 30890 77797 000 000	CW	(AB/RL/HFD)
M12	2-7	2210	9284	Sat	295 295 295 1 3546 90 3546 90 01663 13569 46856 ... 49543 78439 75094 000 000	CW	(RL)

M12	2-7	2230	8084	Sat	295 295 295 1 3546 90 3546 90 01663 13569 46856 ... 49543 78439 75094 000 000	CW	(RL)
M12	2-7	2250	7584	Sat	295 295 295 1 3546 90 3546 90 01663 13569 46856 ... 49543 78439 75094 000 000	CW	(RL)
M12	3-7	1600	13979	Sun	931 931 931 1 3460 83 3460 83 13869 06089 41153 ... 15162 72687 68746 000 000	CW	(AB/MPJ/HFD)
M12	3-7	1620	13379	Sun	931 931 931 1 3460 83 3460 83 13869 06089 41153 ... 15162 72687 68746 000 000	CW	(AB/MPJ/HFD)
M12	3-7	1640	12179	Sun	931 931 931 1 3460 83 3460 83 13869 06089 41153 ... 15162 72687 68746 000 000	CW	(AB/MPJ/HFD)
M12	4-7	0210	15881	Mon	874 874 874 1 ...	CW	(HFD-J)
M12	4-7	0230	14781	Mon	874 874 874 1 ...	CW	(HFD)
M12	4-7	0250	13481	Mon	874 874 874 1 ...	CW	(HFD-J)
M12	4-7	1230	12205	Mon	973 973 973 1 2030 59 2030 59 64601 17001 59864 ... 31327 61479 00003 000 000	CW	(AB)
M12	4-7	1250	13559	Mon	973 973 973 1 2030 59 2030 59 64601 17001 59864 ... 31327 61479 00003 000 000	CW	(AB)
M12	4-7	1310	14728	Mon	973 973 973 1 2030 59 2030 59 64601 17001 59864 ... 31327 61479 00003 000 000	CW	(AB)
M12	4-7	1600	16284	Mon	293 293 293 000	CW	(AB)
M12	4-7	1620	14984	Mon	293 293 293 000	CW	(AB)
M12	4-7	2000	12217	Mon	617 617 617 000	CW	(AB)
M12	4-7	2020	10817	Mon	617 617 617 000	CW	(AB)
M12	5-7	0030	7475	Tue	402 402 402 000	CW	(AB)
M12	5-7	0050	8075	Tue	402 402 402 000	CW	(AB)
M12	5-7	0700	10807	Tue	822 822 822 1 8969 140 8969 140 26431 54181 34654 ... 76910 07852 00596 000 000 Distorted audio	CW	(AB-J/HFD-J)
M12	5-7	0720	10207	Tue	822 822 822 1 8969 140 8969 140 26431 54181 34654 ... 76910 07852 00596 000 000 Distorted audio	CW	(AB-J/HFD-J)
M12	5-7	0740	9207	Tue	822 822 822 1 8969 140 8969 140 26431 54181 34654 ... 76910 07852 00596 000 000	CW	(AB-J/HFD-J)
M12	5-7	0800	12218	Tue	254 254 254 000	CW	(AB)
M12	5-7	0820	13518	Tue	254 254 254 000	CW	(AB)
M12	6-7	1600	13979	Wed	931 931 931 000	CW	(AB)
M12	6-7	1620	13379	Wed	931 931 931 000	CW	(AB)
M12	6-7	1900	14968	Wed	943 943 943 000	CW	(HFD)
M12	6-7	2210	9284	Wed	295 295 295 1 550 156 550 156 17138 47025 95971 ... 37964 59074 95826 000 000	CW	(AB)
M12	6-7	2230	8084	Wed	295 295 295 1 550 156 550 156 17138 47025 95971 ... 37964 59074 95826 000 000	CW	(AB)
M12	6-7	2250	7584	Wed	295 295 295 1 550 156 550 156 17138 47025 95971 ... 37964 59074 95826 000 000	CW	(AB)
M12	7-7	0700	10807	Thu	822 822 822 1 8969 140 8969 140 26431 54181 34654 ... 76910 07852 00596 000 000 Distorted audio	CW	(AB-J)
M12	7-7	0720	10207	Thu	822 822 822 1 8969 140 8969 140 26431 54181 34654 ... 76910 07852 00596 000 000 Distorted audio	CW	(AB-J)
M12	7-7	0740	9207	Thu	822 822 822 1 8969 140 8969 140 26431 54181 34654 ... 76910 07852 00596 000 000 Distorted audio	CW	(AB-J)
M12	7-7	1110	13386	Thu	725 725 725 1 9906 98 9906 98 33348 43199 87544 ... 24616 77172 69428 000 000	CW	(AB/MPJ)
M12	7-7	1130	12189	Thu	725 725 725 1 9906 98 9906 98 33348 43199 87544 ... 24616 77172 69428 000 000	CW	(AB/MPJ)
M12	7-7	1150	11491	Thu	725 725 725 1 9906 98 9906 98 33348 43199 87544 ... 24616 77172 69428 000 000	CW	(AB/MPJ)
M12	7-7	1600	16284	Thu	293 293 293 000	CW	(AB)
M12	7-7	1620	14984	Thu	293 293 293 000	CW	(AB)
M12	7-7	2000	12217	Thu	617 617 617 000	CW	(AB/HFD)
M12	7-7	2020	10817	Thu	617 617 617 000	CW	(AB/HFD)
M12	7-7	2110	13381	Thu	317 317 317 000	CW	(AB/HFD)
M12	7-7	2130	12181	Thu	317 317 317 000	CW	(AB/HFD)
M12	8-7	0030	7475	Fri	402 402 402 000	CW	(AB)
M12	8-7	0050	8075	Fri	402 402 402 000	CW	(AB)



M12	8-7	0800	12218	Fri	254 254 254 000	CW	(AB/HFD)
M12	8-7	0820	13518	Fri	254 254 254 000	CW	(AB/HFD)
M12	8-7	1900	14968	Fri	943 943 943 000	CW	(AB)
M12	8-7	1920	14468	Fri	943 943 943 000	CW	(AB)
M12	8-7	2100	10767	Fri	712 712 712 1 6452 162 6452 162 34612 86176 24673 ... 87969 62770 06791 000 000	CW	(AB)
M12	8-7	2120	10167	Fri	712 712 712 1 6452 162 6452 162 34612 86176 24673 ... 87969 62770 06791 000 000	CW	(AB)
M12	8-7	2140	9267	Fri	712 712 712 1 6452 162 6452 162 34612 86176 24673 ... 87969 62770 06791 000 000	CW	(AB)
M12	9-7	1800	11435	Sat	938 938 938 1 1581 79 1581 79 27235 43582 03291 ... 59204 70721 21792 000 000	CW	(AB)
M12	9-7	1820	10598	Sat	938 938 938 1 1581 79 1581 79 27235 43582 03291 ... 59204 70721 21792 000 000	CW	(AB)
M12	9-7	1840	9327	Sat	938 938 938 1 1581 79 1581 79 27235 43582 03291 ... 59204 70721 21792 000 000	CW	(AB)
M12	9-7	2100	10767	Sat	712 712 712 1 6452 162 6452 162 34612 86176 24673 ... 87969 62770 06791 000 000	CW	(AB)
M12	9-7	2120	10167	Sat	712 712 712 1 6452 162 6452 162 34612 86176 24673 ... 87969 62770 06791 000 000	CW	(AB)
M12	9-7	2140	9267	Sat	712 712 712 1 6452 162 6452 162 34612 86176 24673 ... 87969 62770 06791 000 000	CW	(AB)
M12	9-7	2210	9284	Sat	295 295 295 1 550 156 550 156 17138 47025 95971 ... 37964 59074 95826 000 000	CW	(AB/HFD)
M12	9-7	2230	8084	Sat	295 295 295 1 550 156 550 156 17138 47025 95971 ... 37964 59074 95826 000 000	CW	(AB/HFD)
M12	9-7	2250	7584	Sat	295 295 295 1 550 156 550 156 17138 47025 95971 ... 37964 59074 95826 000 000	CW	(AB/HFD)
M12	10-7	1600	13979	Sun	931 931 931 000	CW	(AB/MPJ/RL)
M12	10-7	1620	13379	Sun	931 931 931 000	CW	(AB/MPJ/RL)
M12	11-7	1230	12205	Mon	973 973 973 1 5131 60 5131 60 32368 80395 99952 ... 18418 94557 20629 000 000	CW	(AB/MPJ)
M12	11-7	1250	13559	Mon	973 973 973 1 5131 60 5131 60 32368 80395 99952 ... 18418 94557 20629 000 000	CW	(AB/MPJ)
M12	11-7	1310	14728	Mon	973 973 973 1 5131 60 5131 60 32368 80395 99952 ... 18418 94557 20629 000 000	CW	(AB/MPJ)
M12	11-7	1600	16284	Mon	293 293 293 000	CW	(AB/MPJ/HFD)
M12	11-7	1620	14984	Mon	293 293 293 000	CW	(AB/MPJ)
M12	11-7	2000	12217	Mon	617 617 617 1 712 76 712 76 25422 23577 56330 ... 60371 80891 30484 000 000	CW	(AB/RL)
M12	11-7	2020	10817	Mon	617 617 617 1 712 76 712 76 25422 23577 56330 ... 60371 80891 30484 000 000	CW	(AB/RL)
M12	11-7	2040	9317	Mon	617 617 617 1 712 76 712 76 25422 23577 56330 ... 60371 80891 30484 000 000	CW	(AB/RL)
M12	11-7	2110	13381	Mon	317 317 317 000	CW	(AB/RL)
M12	11-7	2130	12181	Mon	317 317 317 000	CW	(AB/RL)
M12	12-7	0030	7475	Tue	402 402 402 000	CW	(AB)
M12	12-7	0050	8075	Tue	402 402 402 000	CW	(AB)
M12	12-7	0700	10807	Tue	822 822 822 1 382 144 382 144 06788 57311 09925 ... 32234 63110 95435 000 000 Distorted audio	CW	(AB-J)
M12	12-7	0720	10207	Tue	822 822 822 1 382 144 382 144 06788 57311 09925 ... 32234 63110 95435 000 000 Distorted audio	CW	(AB-J)
M12	12-7	0740	9207	Tue	822 822 822 1 382 144 382 144 06788 57311 09925 ... 32234 63110 95435 000 000	CW	(AB-J)
M12	12-7	0800	12218	Tue	254 254 254 000	CW	(AB)
M12	12-7	0820	13518	Tue	254 254 254 000	CW	(AB)
M12	13-7	1600	13979	Wed	931 931 931 000	CW	(AB)
M12	13-7	1620	13379	Wed	931 931 931 000	CW	(AB)
M12	13-7	2210	9284	Wed	295 295 295 1 863 64 863 64 49962 37464 05219 ... 57085 86602 33429 000 000	CW	(AB/RL)
M12	13-7	2230	8084	Wed	295 295 295 1 863 64 863 64 49962 37464 05219 ... 57085 86602 33429 000 000	CW	(AB/RL)
M12	13-7	2250	7584	Wed	295 295 295 1 863 64 863 64 49962 37464 05219 ... 57085 86602 33429 000 000	CW	(AB/RL)
M12	14-7	0700	10807	Thu	822 822 822 1 382 144 382 144 06788 57311 09925 ... 32234 63110 95435 000 000 Distorted audio	CW	(AB-J)
M12	14-7	0720	10207	Thu	822 822 822 1 382 144 382 144 06788 57311 09925 ... 32234 63110 95435 000 000 Distorted audio	CW	(AB-J)

M12	14-7	0740	9207	Thu	822 822 822 1 382 144 382 144 06788 57311 09925 ... 32234 63110 95435 000 000	CW	(AB-J)
M12	14-7	1110	13386	Thu	725 725 725 1 1135 92 1135 92 37253 30573 57680 ... 20866 23550 93990 34015 000 000	CW	(AB/MPJ)
M12	14-7	1130	12189	Thu	725 725 725 1 1135 92 1135 92 37253 30573 57680 ... 20866 23550 93990 34015 000 000	CW	(AB/MPJ)
M12	14-7	1150	11491	Thu	725 725 725 1 1135 92 1135 92 37253 30573 57680 ... 20866 23550 93990 34015 000 000	CW	(AB/MPJ)
M12	14-7	1600	16284	Thu	293 293 293 000	CW	(AB)
M12	14-7	1620	14984	Thu	293 293 293 000	CW	(AB)
M12	14-7	2000	12217	Thu	617 617 617 1 712 76 712 76 25422 23577 56330 ... 60371 80891 30484 000 000	CW	(AB/RL)
M12	14-7	2020	10817	Thu	617 617 617 1 712 76 712 76 25422 23577 56330 ... 60371 80891 30484 000 000	CW	(AB/RL)
M12	14-7	2040	9317	Thu	617 617 617 1 712 76 712 76 25422 23577 56330 ... 60371 80891 30484 000 000	CW	(AB/RL)
M12	14-7	2110	13381	Thu	317 317 317 000	CW	(AB/RL)
M12	14-7	2130	12181	Thu	317 317 317 000	CW	(AB/RL)
M12	15-7	0030	7475	Fri	402 402 402 000	CW	(AB)
M12	15-7	0050	8075	Fri	402 402 402 000	CW	(AB)
M12	15-7	0800	12218	Fri	254 254 254 000	CW	(AB)
M12	15-7	0820	13518	Fri	254 254 254 000	CW	(AB)
M12	15-7	1900	14968	Fri	943 943 943 000	CW	(AB)
M12	15-7	1920	14468	Fri	943 943 943 000	CW	(AB)
M12	15-7	2100	10767	Fri	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	15-7	2120	10167	Fri	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	15-7	2140	9267	Fri	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	16-7	1800	11435	Sat	938 938 938 1 5874 79 5874 79 22852 23718 51491 ... 37776 01054 87910 000 000	CW	(AB)
M12	16-7	1820	10598	Sat	938 938 938 1 5874 79 5874 79 22852 23718 51491 ... 37776 01054 87910 000 000	CW	(AB)
M12	16-7	1840	9327	Sat	938 938 938 1 5874 79 5874 79 22852 23718 51491 ... 37776 01054 87910 000 000	CW	(AB)
M12	16-7	2100	10767	Sat	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	16-7	2120	10167	Sat	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	16-7	2140	9267	Sat	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	16-7	2210	9284	Sat	295 295 295 1 863 64 863 64 39962 37464 05219 ... 57085 86602 33429 000 000	CW	(AB)
M12	16-7	2230	8084	Sat	295 295 295 1 863 64 863 64 39962 37464 05219 ... 57085 86602 33429 000 000	CW	(AB)
M12	16-7	2250	7584	Sat	295 295 295 1 863 64 863 64 39962 37464 05219 ... 57085 86602 33429 000 000	CW	(AB)
M12	17-7	1600	13979	Sun	931 931 931 000	CW	(AB/MPJ)
M12	17-7	1620	13379	Sun	931 931 931 000	CW	(AB/MPJ)
M12	18-7	1230	12205	Mon	973 973 973 1 7963 56 7963 56 50295 47744 48639 ... 30251 22819 67387 000 000	CW	(AB)
M12	18-7	1250	13559	Mon	973 973 973 1 7963 56 7963 56 50295 47744 48639 ... 30251 22819 67387 000 000	CW	(AB)
M12	18-7	1310	14728	Mon	973 973 973 1 7963 56 7963 56 50295 47744 48639 ... 30251 22819 67387 000 000	CW	(AB)
M12	18-7	1600	16284	Mon	293 293 293 1 6366 88 6366 88 38884 80945 61199 ... 57776 12992 49015 000 000	CW	(AB)
M12	18-7	1620	14984	Mon	293 293 293 1 6366 88 6366 88 38884 80945 61199 ... 57776 12992 49015 000 000	CW	(AB)
M12	18-7	1640	14384	Mon	293 293 293 1 6366 88 6366 88 38884 80945 61199 ... 57776 12992 49015 000 000	CW	(AB)
M12	18-7	2000	12217	Mon	617 617 617 000	CW	(AB)
M12	18-7	2020	10817	Mon	617 617 617 000	CW	(AB)
M12	18-7	2110	13381	Mon	317 317 317 1 865 73 865 73 98653 17449 74614 ... 51907 56372 25106 000 000	CW	(AB)
M12	18-7	2130	12181	Mon	317 317 317 1 865 73 865 73 98653 17449 74614 ... 51907 56372 25106 000 000	CW	(AB)
M12	18-7	2150	10781	Mon	317 317 317 1 865 73 865 73 98653 17449 74614 ... 51907 56372 25106 000 000	CW	(AB)

M12	19-7	0030	7475	Tue	402 402 402 1 837 68 837 68 26907 28369 22575 ... 09517 02198 04519 000 000	CW	(AB)
M12	19-7	0050	8075	Tue	402 402 402 1 837 68 837 68 26907 28369 22575 ... 09517 02198 04519 000 000	CW	(AB)
M12	19-7	0110	9275	Tue	402 402 402 1 837 68 837 68 26907 28369 22575 ... 09517 02198 04519 000 000	CW	(AB)
M12	19-7	0700	10807	Tue	822 822 822 1 9266 166 9266 166 27708 39060 36571 ... 33277 59850 93009 000 000 Distorted audio	CW	(AB-J)
M12	19-7	0720	10207	Tue	822 822 822 1 9266 166 9266 166 27708 39060 36571 ... 33277 59850 93009 000 000 Distorted audio	CW	(AB-J)
M12	19-7	0740	9207	Tue	822 822 822 1 9266 166 9266 166 27708 39060 36571 ... 33277 59850 93009 000 000	CW	(AB-J)
M12	19-7	0800	12218	Tue	254 254 254 000	CW	(AB)
M12	19-7	0820	13518	Tue	254 254 254 000	CW	(AB)
M12	20-7	1600	13979	Wed	931 931 931 1 543 48 543 48 21395 83910 57130 ... 00900 63407 85907 000 000	CW	(AB)
M12	20-7	1620	13379	Wed	931 931 931 1 543 48 543 48 21395 83910 57130 ... 00900 63407 85907 000 000	CW	(AB)
M12	20-7	1640	12179	Wed	931 931 931 1 543 48 543 48 21395 83910 57130 ... 00900 63407 85907 000 000	CW	(AB)
M12	20-7	1900	14968	Wed	943 943 943 1 5818 84 5818 84 99019 98529 89982 ... 00938 00060 01492 000 000	CW	(AB/HFD)
M12	20-7	1920	14468	Wed	943 943 943 1 5818 84 5818 84 99019 98529 89982 ... 00938 00060 01492 000 000	CW	(AB/HFD)
M12	20-7	1940	13368	Wed	943 943 943 1 5818 84 5818 84 99019 98529 89982 ... 00938 00060 01492 000 000	CW	(AB/HFD)
M12	20-7	2210	9284	Wed	295 295 295 1 860 100 860 100 62707 13932 91514 ... 14812 96233 40983 000 000	CW	(AB)
M12	20-7	2230	8084	Wed	295 295 295 1 860 100 860 100 62707 13932 91514 ... 14812 96233 40983 000 000	CW	(AB)
M12	20-7	2250	7584	Wed	295 295 295 1 860 100 860 100 62707 13932 91514 ... 14812 96233 40983 000 000	CW	(AB)
M12	21-7	0700	10807	Thu	822 822 822 1 9266 166 9266 166 27708 39060 36571 ... 33277 59850 93009 000 000 Distorted audio	CW	(AB-J)
M12	21-7	0720	10207	Thu	822 822 822 1 9266 166 9266 166 27708 39060 36571 ... 33277 59850 93009 000 000 Distorted audio	CW	(AB-J)
M12	21-7	0740	9207	Thu	822 822 822 1 9266 166 9266 166 27708 39060 36571 ... 33277 59850 93009 000 000	CW	(AB-J)
M12	21-7	1110	13386	Thu	725 725 725 1 2852 95 2852 95 17896 77953 28503 ... 58538 15374 67899 000 000	CW	(AB/MPJ)
M12	21-7	1130	12189	Thu	725 725 725 1 2852 95 2852 95 17896 77953 28503 ... 58538 15374 67899 000 000	CW	(AB/MPJ)
M12	21-7	1150	11491	Thu	725 725 725 1 2852 95 2852 95 17896 77953 28503 ... 58538 15374 67899 000 000	CW	(AB/MPJ)
M12	21-7	1600	16284	Thu	293 293 293 1 6366 88 6366 88 38884 80945 61199 ... 57776 12992 49015 000 000	CW	(AB)
M12	21-7	1620	14984	Thu	293 293 293 1 6366 88 6366 88 38884 80945 61199 ... 57776 12992 49015 000 000	CW	(AB)
M12	21-7	1640	14384	Thu	293 293 293 1 6366 88 6366 88 38884 80945 61199 ... 57776 12992 49015 000 000	CW	(AB)
M12	21-7	2000	12217	Thu	617 617 617 000	CW	(AB)
M12	21-7	2020	10817	Thu	617 617 617 000	CW	(AB)
M12	21-7	2110	13381	Thu	317 317 317 1 865 73 865 73 98653 17449 74614 ... 51907 56372 25106 000 000	CW	(AB)
M12	21-7	2130	12181	Thu	317 317 317 1 865 73 865 73 98653 17449 74614 ... 51907 56372 25106 000 000	CW	(AB)
M12	21-7	2150	10781	Thu	317 317 317 1 865 73 865 73 98653 17449 74614 ... 51907 56372 25106 000 000	CW	(AB)
M12	22-7	0030	7475	Fri	402 402 402 1 837 68 837 68 26907 28369 22575 ... 09517 02198 04519 000 000	CW	(AB)
M12	22-7	0050	8075	Fri	402 402 402 1 837 68 837 68 26907 28369 22575 ... 09517 02198 04519 000 000	CW	(AB)
M12	22-7	0110	9275	Fri	402 402 402 1 837 68 837 68 26907 28369 22575 ... 09517 02198 04519 000 000	CW	(AB)
M12	22-7	0800	12218	Fri	254 254 254 000	CW	(AB)
M12	22-7	0820	13518	Fri	254 254 254 000	CW	(AB)
M12	22-7	1900	14968	Fri	943 943 943 1 5818 84 5818 84 99019 98529 89982 ... 00938 00060 01492 000 000	CW	(AB)
M12	22-7	1920	14468	Fri	943 943 943 1 5818 84 5818 84 99019 98529 89982 ... 00938 00060 01492 000 000	CW	(AB)
M12	22-7	1940	13368	Fri	943 943 943 1 5818 84 5818 84 99019 98529 89982 ... 00938 00060 01492 000 000	CW	(AB)
M12	22-7	2100	10767	Fri	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	22-7	2120	10167	Fri	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	22-7	2140	9267	Fri	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)

M12	23-7	1800	11435	Sat	938 938 938 1 1163 77 1163 77 54318 65240 47994 ... 10031 12156 48347 000 000	CW	(AB)
M12	23-7	1820	10598	Sat	938 938 938 1 1163 77 1163 77 54318 65240 47994 ... 10031 12156 48347 000 000	CW	(AB)
M12	23-7	1840	9327	Sat	938 938 938 1 1163 77 1163 77 54318 65240 47994 ... 10031 12156 48347 000 000	CW	(AB)
M12	23-7	2100	10767	Sat	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	23-7	2120	10167	Sat	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	23-7	2140	9267	Sat	712 712 152 1 716 104 716 104 62684 44714 25572 ... 55735 40271 36304 000 000	CW	(AB)
M12	23-7	2210	9284	Sat	295 295 295 1 860 100 860 100 62707 13932 91514 ... 14812 96233 40983 000 000	CW	(AB)
M12	23-7	2230	8084	Sat	295 295 295 1 860 100 860 100 62707 13932 91514 ... 14812 96233 40983 000 000	CW	(AB)
M12	23-7	2250	7584	Sat	295 295 295 1 860 100 860 100 62707 13932 91514 ... 14812 96233 40983 000 000	CW	(AB)
M12	24-7	1600	13979	Sun	931 931 931 1 543 48 543 48 21395 83910 57130 ... 00900 63407 85907 000 000	CW	(AB/MPJ)
M12	24-7	1620	13379	Sun	931 931 931 1 543 48 543 48 21395 83910 57130 ... 00900 63407 85907 000 000	CW	(AB/MPJ)
M12	24-7	1640	12179	Sun	931 931 931 1 543 48 543 48 21395 83910 57130 ... 00900 63407 85907 000 000	CW	(AB/MPJ)
M12	25-7	1230	12205	Mon	973 973 973 1 9869 57 9869 57 42352 61900 38402 ... 19665 86555 42853 000 000	CW	(AB/MPJ)
M12	25-7	1250	13559	Mon	973 973 973 1 9869 57 9869 57 42352 61900 38402 ... 19665 86555 42853 000 000	CW	(AB/MPJ)
M12	25-7	1310	14728	Mon	973 973 973 1 9869 57 9869 57 42352 61900 38402 ... 19665 86555 42853 000 000	CW	(AB/MPJ)
M12	25-7	1600	16284	Mon	293 293 293 000	CW	(AB)
M12	25-7	1620	14984	Mon	293 293 293 000	CW	(AB)
M12	25-7	2000	12217	Mon	617 617 617 000	CW	(AB/RL)
M12	25-7	2020	10817	Mon	617 617 617 000	CW	(AB/RL)
M12	25-7	2110	13381	Mon	317 317 317 000	CW	(AB/RL)
M12	25-7	2130	12181	Mon	317 317 317 000	CW	(AB/RL)
M12	26-7	0030	7475	Tue	402 402 402 000	CW	(AB)
M12	26-7	0050	8075	Tue	402 402 402 000	CW	(AB)
M12	26-7	0700	10807	Tue	822 822 822 1 320 180 320 180 70058 32271 52418 ... 32147 23413 26326 000 000	CW	(AB-J)
M12	26-7	0720	10207	Tue	822 822 822 1 320 180 320 180 70058 32271 52418 ... 32147 23413 26326 000 000	CW	(AB-J)
M12	26-7	0740	9207	Tue	822 822 822 1 320 180 320 180 70058 32271 52418 ... 32147 23413 26326 000 000	CW	(AB-J)
M12	26-7	0800	12218	Tue	254 254 254 000	CW	(AB)
M12	26-7	0820	13518	Tue	254 254 254 000	CW	(AB)
M12	27-7	1600	13979	Wed	931 931 931 000	CW	(AB/MPJ)
M12	27-7	1620	13379	Wed	931 931 931 000	CW	(AB/MPJ)
M12	27-7	1900	14968	Wed	943 943 943 000	CW	(AB)
M12	27-7	1920	14468	Wed	943 943 943 000	CW	(AB)
M12	27-7	2210	9284	Wed	295 295 295 1 869 112 869 112 10961 20448 15017 ... 51027 69376 30714 000 000	CW	(RL)
M12	27-7	2230	8084	Wed	295 295 295 1 869 112 869 112 10961 20448 15017 ... 51027 69376 30714 000 000	CW	(RL)
M12	27-7	2250	7584	Wed	295 295 295 1 869 112 869 112 10961 20448 15017 ... 51027 69376 30714 000 000	CW	(RL)
M12	28-7	0700	10807	Thu	822 822 822 1 320 180 320 180 70058 32271 52418 ... 32147 23413 26326 000 000	CW	(AB-J)
M12	28-7	0720	10207	Thu	822 822 822 1 320 180 320 180 70058 32271 52418 ... 32147 23413 26326 000 000	CW	(AB-J)
M12	28-7	0740	9207	Thu	822 822 822 1 320 180 320 180 70058 32271 52418 ... 32147 23413 26326 000 000	CW	(AB-J)
M12	28-7	1110	13386	Thu	725 725 725 1 6353 94 6353 94 99302 16212 07019 ... 80188 19844 29657 000 000	CW	(AB/MPJ)
M12	28-7	1130	12189	Thu	725 725 725 1 6353 94 6353 94 99302 16212 07019 ... 80188 19844 29657 000 000	CW	(AB/MPJ)
M12	28-7	1150	11491	Thu	725 725 725 1 6353 94 6353 94 99302 16212 07019 ... 80188 19844 29657 000 000	CW	(AB/MPJ)
M12	28-7	1600	16284	Thu	293 293 293 000	CW	(AB/MPJ)

<b>M12</b>	28-7	1620	14984	Thu	293 293 293 000	CW	(AB/MPJ)
<b>M12</b>	28-7	2000	12217	Thu	617 617 617 000	CW	(AB/RL)
<b>M12</b>	28-7	2020	10817	Thu	617 617 617 000	CW	(AB/RL)
<b>M12</b>	28-7	2110	13381	Thu	317 317 317 000	CW	(AB/RL)
<b>M12</b>	28-7	2130	12181	Thu	317 317 317 000	CW	(AB/RL)
<b>M12</b>	29-7	0030	7475	Fri	402 402 402 000	CW	(AB)
<b>M12</b>	29-7	0050	8075	Fri	402 402 402 000	CW	(AB)
<b>M12</b>	29-7	0800	12218	Fri	254 254 254 000	CW	(AB)
<b>M12</b>	29-7	0820	13518	Fri	254 254 254 000	CW	(AB)
<b>M12</b>	29-7	1900	14968	Fri	943 943 943 000	CW	(AB/RL)
<b>M12</b>	29-7	1920	14468	Fri	943 943 943 000	CW	(AB/RL)
<b>M12</b>	29-7	2100	10767	Fri	712 712 152 1 794 204 794 204 45761 27842 14584 ... 33103 61552 33300 000 000	CW	(AB/RL)
<b>M12</b>	29-7	2120	10167	Fri	712 712 152 1 794 204 794 204 45761 27842 14584 ... 33103 61552 33300 000 000	CW	(AB/RL)
<b>M12</b>	29-7	2140	9267	Fri	712 712 152 1 794 204 794 204 45761 27842 14584 ... 33103 61552 33300 000 000	CW	(AB/RL)
<b>M12</b>	30-7	1800	11435	Sat	938 938 938 1 9669 76 9669 76 89973 21706 90488 ... 17692 70276 17494 000 000	CW	(AB)
<b>M12</b>	30-7	1820	10598	Sat	938 938 938 1 9669 76 9669 76 89973 21706 90488 ... 17692 70276 17494 000 000	CW	(AB)
<b>M12</b>	30-7	1840	9327	Sat	938 938 938 1 9669 76 9669 76 89973 21706 90488 ... 17692 70276 17494 000 000	CW	(AB)
<b>M12</b>	30-7	2100	10767	Sat	712 712 152 1 794 204 794 204 45761 27842 14584 ... 33103 61552 33300 000 000	CW	(AB/RL)
<b>M12</b>	30-7	2120	10167	Sat	712 712 152 1 794 204 794 204 45761 27842 14584 ... 33103 61552 33300 000 000	CW	(AB/RL)
<b>M12</b>	30-7	2140	9267	Sat	712 712 152 1 794 204 794 204 45761 27842 14584 ... 33103 61552 33300 000 000	CW	(AB/RL)
<b>M12</b>	30-7	2210	9284	Sat	295 295 295 1 869 112 869 112 10961 20448 15017 ... 51027 69376 30714 000 000	CW	(AB)
<b>M12</b>	30-7	2230	8084	Sat	295 295 295 1 869 112 869 112 10961 20448 15017 ... 51027 69376 30714 000 000	CW	(AB)
<b>M12</b>	30-7	2250	7584	Sat	295 295 295 1 869 112 869 112 10961 20448 15017 ... 51027 69376 30714 000 000	CW	(AB)
<b>M12</b>	31-7	1600	13979	Sun	931 931 931 000	CW	(AB/MPJ)
<b>M12</b>	31-7	1620	13379	Sun	931 931 931 000	CW	(AB/MPJ)
<b>M14</b>	4-7	0500	12211	Mon	952 (too weak to copy)	CW	(PY)
<b>M14</b>	5-7	0500	12211	Tue	952 952 952 00000 348 348 56 56 = = 87774 90742 70264 ... 57751 57551 14151 = = 348 348 56 56 (no closing nulls)	CW	(AB-J)
<b>M14</b>	5-7	0523	10243	Tue	952 348 348 56 56 = = 87774 90742 70264 ... 57751 57551 14151 = = 348 348 56 56 (no closing nulls) Late start. Inverted keying. Normal from gr 11.	CW	(AB-J)
<b>M14</b>	6-7	0500	12211	Wed	952 701 701 52 52 = = 09681 46289 46320 ... 14106 03068 91570 = = 701 701 52 52 00000	CW	(AB)
<b>M14</b>	6-7	0520	10243	Wed	no transmission	CW	(AB)
<b>M14</b>	7-7	0500	12211	Thu	952 (R4) then off	CW	(AB-J)
<b>M14</b>	7-7	0523	10243	Thu	952 863 863 71 71 = = 51656 05045 51759 ... 51794 73395 36766 = = 863 863 71 71 0000 Late start. Sent only 70 groups.	CW	(AB-J)
<b>M14</b>	8-7	0500	12211	Fri	952 470 470 52 52 = = 99735 93290 76708 ... 15645 22034 53048 = = 470 470 52 52 (no closing nulls)	CW	(AB-J)
<b>M14</b>	8-7	0520	10243	Fri	0520z TX problems, 0521z 952 inverted morse, 0521z fixed to normal morse, 952 470 470 52 52 = = 99735 93290 76708 ... 15645 22034 53048 = = 470 470 52 52 (no closing nulls)	CW	(PY)
<b>M14</b>	10-7	0930	16347	Sun	617 617 617 00000	CW	(AB)
<b>M14</b>	11-7	0500	12211	Mon	952 168 168 52 52 = = 33184 34819 49488 ... 18910 14967 66140 = = 168 168 52 52 00000	CW	(AB-J)
<b>M14</b>	11-7	0520	10243	Mon	952 168 168 52 52 = = 33184 34819 49488 ... 18910 14967 66140 = = 168 168 52 52 00000	CW	(AB-J)
<b>M14</b>	12-7	0500	12211	Tue	952 347 347 51 51 = = 87901 12315 71455 ... 42668 15112 50961 = = 347 347 51 51 00000	CW	(AB-J)



<b>M14</b>	12-7	0520	10243	Tue	952 347 347 51 51 = = 87901 12315 71455 ... 42668 15112 50961 = = 347 347 51 51 00000	CW	(AB-J)
<b>M14</b>	13-7	0500	12211	Wed	952 off after 3 mins, back at 0508z: 13 92160 62703 94194 ... 64502 98197 31806 = = 810 810 52 52 (no closing nulls) Group count: 52 vs 53 at 0520z.	CW	(AB)
<b>M14</b>	13-7	0520	10243	Wed	952 810 810 53 53 = = 60059 50059 27160 ... 65502 98197 31806 = = 810 810 53 53 00000	CW	(AB)
<b>M14</b>	14-7	0500	12211	Thu	952 364 364 52 52 = = 55086 35917 90835 ... 03630 28655 36262 = = 364 364 51 51 no closing nulls. Sent only 51 groups	CW	(AB-J)
<b>M14</b>	14-7	0523	10243	Thu	952 364 364 52 52 = = 55086 35917 90835 ... 03630 28655 36262 = = 364 364 51 51 00000 inverted morse during the first two minutes. Sent only 51 groups	CW	(AB-J)
<b>M14</b>	15-7	0500	12211	Fri	952 710 710 52 52 = = 69480 30474 48725 ... 46248 52346 14886 = = 710 710 52 52 (no closing nulls)	CW	(AB-J)
<b>M14</b>	15-7	0520	10243	Fri	Inverted morse, unreadable. Stopped at 0534z. Carrier till 0543z. Header: 952 710 53 while 52 groups were sent at 0500z	CW	(AB-J)
<b>M14</b>	18-7	0500	12211	Mon	952 486 486 53 53 = = 19342 18519 00651 ... 32374 28276 87957 off (last group sent once, no postamble)	CW	(AB-J)
<b>M14</b>	18-7	0520	10243	Mon	952 486 486 53 53 = = 19342 18519 00651 ... 32374 28276 87957 off (last group sent once, no postamble) inverted morse, normal at 0522z	CW	(AB-J)
<b>M14</b>	19-7	0500	12211	Tue	952 137 137 64 64 = = 68087 39198 46005 ... 15873 26471 77539 = = 137 137 64 64 (no closing nulls)	CW	(AB-J)
<b>M14</b>	19-7	0520	10243	Tue	952 137 137 64 64 = = 68087 39198 46005 ... 15873 26471 77539 = = 137 137 64 64 (no closing nulls)	CW	(AB-J)
<b>M14</b>	20-7	0500	12211	Wed	952 804 804 64 64 = = 03628 28054 28012 ... 42254 40819 56098 = = 804 804 64 64 00000 Inverted morse; normal at 0501z. Sent only 63 groups	CW	(AB)
<b>M14</b>	20-7	0520	10243	Wed	No transmission	CW	(AB)
<b>M14</b>	21-7	0500	12211	Thu	952 (R) off after the callup	CW	(AB-J)
<b>M14</b>	21-7	0520	10243	Thu	952 (R) inverted morse; normal at 0501z. Off after the callup	CW	(AB-J)
<b>M14</b>	25-7	0506	12211	Mon	Started in mid message. _____ 74396 38140 ... 01084 79431 20828 Suddenly off at 0515z.	CW	(AB-J)
<b>M14</b>	25-7	0520	10243	Mon	Carrier till 0525, then off	CW	(AB-J)
<b>M14</b>	25-7	0930	16347	Mon	617 617 617 00000	CW	(AB)
<b>M14</b>	26-7	0500	12211	Tue	952 841 841 52 52 = = 73367 38344 67408 ... 38282 45653 09341 = = 841 841 52 52 (no closing nulls)	CW	(AB-J)
<b>M14</b>	26-7	0520	10243	Tue	Carrier only	CW	(AB-J)
<b>M14</b>	27-7	0500	12211	Wed	952 360 360 52 52 = = 41188 21059 20981 ... 56747 70926 14886 = = 360 360 52 52 00000 Started with inverted morse	CW	(AB)
<b>M14</b>	27-7	0520	10243	Wed	952 360 360 52 52 = = 41188 21059 20981 ... 56747 70926 14886 = = 360 360 52 52 00000 Started with inverted morse	CW	(AB)
<b>M14</b>	28-7	0500	12211	Thu	952 647 647 60 60 = = 67828 11499 55839 ... 82823 64464 25107 = = 647 647 60 60 (no closing nulls)	CW	(AB-J)
<b>M14</b>	28-7	0520	10243	Thu	Carrier only. Off at 0525z	CW	(AB-J)
<b>M14</b>	29-7	0500	12211	Fri	952 108 108 63 63 = = 15420 06421 14952 ... 08056 01821 22669 = = 108 108 63 63 (no closing nulls)	CW	(AB-J)
<b>M14</b>	29-7	0520	12211	Fri	Carrier. Moved to 10243 kHz at 0528z	CW	(AB-J)
<b>M14</b>	29-7	0528	10243	Fri	Carrier. Moved from 12211 kHz. Off at 0530z	CW	(AB)
<b>M42</b>	7-7	0847	13436	Thu	Russian intel.	FSK-4	(AB)
<b>M42</b>	10-7	1038	10960	Sun	Russian diplo/intel.	Serdolik-v2	(RO)
<b>M42</b>	10-7	1044	10960	Sun	Russian diplo/intel.	Serdolik-v2	(RO)
<b>M42</b>	10-7	1136	17451	Sun	Russian diplo/intel.	MFSK-66	(T101)
<b>M42</b>	11-7	0818	13425	Mon	Russian diplo/intel.	MFSK-66	(T101)
<b>M42</b>	11-7	1248	14683	Mon	MFA Moscow messages to Russian embassy New Delhi	MFSK-66	(RO)
<b>M42</b>	11-7	1325	12177	Mon	Russian diplo/intel.	MFSK-66	(RO)

<b>M42</b>	11-7	1330	14683	Mon	Russian diplo/intel.	MFSK-66	(RO)
<b>M42</b>	12-7	1008	19612	Tue	Russian intel.	Serdolik-v2	(AB)
<b>M42</b>	26-7	0755	11071	Tue	Russian diplo/intel.	Serdolik-v2	(Anon)
<b>M42</b>	26-7	0812	16255	Tue	Russian diplo/intel.	MFSK-66	(Anon)
<b>M42</b>	26-7	0818	14939	Tue	Russian diplo/intel.	8PSK+MFSK-66	(Anon)
<b>M42</b>	27-7	0749	14656	Wed	Russian diplo/intel.	Serdolik-v2	(Anon)
<b>M42</b>	27-7	0752	14732	Wed	Russian diplo/intel.	8PSK+MFSK-66	(Anon)
<b>M42</b>	27-7	0840	14515	Wed	Russian diplo/intel.	8PSK+MFSK-66	(Anon)
<b>M42</b>	27-7	0848	11588	Wed	Russian diplo/intel. Moved from 14478 and 16235 kHz	Serdolik-v2	(Anon)
<b>M42</b>	27-7	0912	14475	Wed	Russian diplo/intel.	Serdolik-v2	(Anon)
<b>M42</b>	27-7	0912	18504	Wed	Russian diplo/intel.	Serdolik-v2	(Anon)
<b>M42</b>	27-7	1049	17458	Wed	Russian net i.p.	OFDM-45	(Anon)
<b>M42</b>	28-7	0700	14814	Thu	Russian diplo/intel.	8PSK	(Anon)
<b>M42</b>	28-7	0901	16305	Thu	Russian net i.p.	OFDM-112	(Anon)
<b>M42</b>	28-7	0935	10474	Thu	Russian diplo/intel.	8PSK+MFSK-66	(Anon)
<b>M42</b>	28-7	1005	12083	Thu	Russian diplo/intel.	MFSK-66	(Anon)
<b>M89</b>	2-7	1120	4860	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
<b>M89</b>	2-7	1120	6840	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
<b>M89</b>	2-7	1130	7620	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
<b>M89</b>	2-7	1130	8350	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
<b>M89</b>	3-7	1147	3596	Sun	V QYE2 (x3) DE 9WV (x2) //8182	CW	(JPL)
<b>M89</b>	3-7	1147	8182	Sun	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
<b>M89</b>	3-7	1159	4034	Sun	V MJO5 (x3) DE LK9M (x2)	CW	(JPL)
<b>M89</b>	3-7	1205	5441	Sun	i.p. HR NIL GB	CW	(JPL)
<b>M89</b>	3-7	1207	5672	Sun	i.p. 7UD3 3U6N T45A 3TU7 N4AD AU5T 76DN D7N4 ...	CW	(JPL)
<b>M89</b>	3-7	1214	6789	Sun	o.p. RMKS 8558 TO 8533 K R K EEEEE RMAK BT TUT6 A33D ...	CW	(JPL)
<b>M89</b>	3-7	1214	6796	Sun	i.p. 7AA5 UU44 A7A7 3NAU 3553 43UD 44AN DTAD 443U ...	CW	(JPL)
<b>M89</b>	3-7	1238	6843	Sun	i.p. RPT 2P 15W NTN5 NTN5 AR K R OK K R SK SK	CW	(JPL)
<b>M89</b>	22-7	2011	4034	Fri	V MJO5 (x3) DE LK9M (x2)	CW	(JPL)
<b>M95</b>	1-7	0701	9153	Fri	V BNEC BNEC BNEC DE XSV70 XSV70 HR MSG GA PSE CY NR 547 CK 9635 0701 1555 = =	CW	(Anon)
<b>M95</b>	2-7	1140	4364	Sat	V BNGC (x3) DE XSV85 (X2) HR MSGs GA PSE CY NR 0489 CK 287 35 0702 1615 = //8073	CW	(JPL)
<b>M95</b>	2-7	1140	8073	Sat	V BNGC (x3) DE XSV85 (X2) HR MSGs GA PSE CY NR 0489 CK 287 35 0702 1615 = //4364	CW	(JPL)
<b>M95</b>	2-7	1147	4243	Sat	VV HR MSG TO YR PSE CY NR 057 CK 39 35 0702 1551 = //9054	CW	(JPL)
<b>M95</b>	2-7	1147	9054	Sat	VV HR MSG TO YR PSE CY NR 057 CK 39 35 0702 1551 = //4243	CW	(JPL)
<b>M95</b>	2-7	1202	5651	Sat	V XP5B (x3) DE S2DJ (x2) //12039	CW	(JPL)
<b>M95</b>	2-7	1202	12039	Sat	V XP5B (x3) DE S2DJ (x2) //5651	CW	(JPL)
<b>M95</b>	2-7	2332	4178	Sat	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
<b>M95</b>	2-7	2332	7517	Sat	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
<b>M95</b>	22-7	2018	4178	Fri	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
<b>M95</b>	22-7	2018	7517	Fri	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
<b>MC03</b>	14-7	0600	7522.5	Thu	Chinese Air Defense	CW	(Mario-J)
<b>MC03</b>	14-7	0600	7522.5	Thu	i.p. ana uaaau7 untn577 tnt tn = ana uaattt uadtdu4n t65 tn =	CW	(Mario-J)

MC03	14-7	1200	5089.5	Thu	i.p. ana ua5dud ndaanaa aa3 54 = ana uaa57u udtdu63 t6d 54 =	CW	(Mario-J)
MC03	14-7	1200	5089.5	Thu	Chinese Air Defense	CW	(Mario-J)
MC03	14-7	1259	5731	Thu	i.p. TNU DATD7 5N = TNU 73TD5 5N = TNU 66TD5 TT	CW	(Mario-J)
MC03	18-7	0700	6167.5	Mon	ana uaa577 u7t754a t.7 4n = ana tuttnn 45t6u7. td. 51 = ana ua6n4n tua576u aau 53 =	CW	(Mario-J)
MC03	19-7	1200	4308.5	Tue	ana 4tun44 45ata77 aat tn = 467 uaa3du udtnuua tu5 ua = 467 uaa3dn udtu464 tu3 at =	CW	(Mario-J)
MC03	19-7	1302	4308.5	Tue	ANA AA5UU7 TTA3DUA ATD 5DU ANA UA5NND DT5DAD AA5 57 ANA UATUDA A6NT7ND TUA 57	CW	(AB-J)
MX	2-7	1614	13527	Thu	"A" 135277	CW	(HFD)
MX	2-7	1614	13528	Sat	"D" 135281	CW	(HFD)
P03	1-7	0135	7840	Fri	Polish intel.	PSK	(AB)
P03	1-7	0140	7840	Fri	Polish intel.	PSK	(AB)
P03	2-7	0135	7840	Sat	Polish intel.	PSK	(AB)
P03	2-7	0140	7840	Sat	Polish intel.	PSK	(AB)
P03	3-7	0135	7840	Sun	Polish intel.	PSK	(AB)
P03	3-7	0140	7840	Sun	Polish intel.	PSK	(AB)
P03	4-7	0135	7840	Mon	Polish intel.	PSK	(AB)
P03	4-7	0140	7840	Mon	Polish intel.	PSK	(AB)
P03	4-7	0630	17535	Mon	Polish intel.	PSK	(AB-POL)
P03	4-7	0635	17535	Mon	Polish intel.	PSK	(AB-POL)
P03	5-7	0135	7840	Tue	Polish intel.	PSK	(AB)
P03	5-7	0140	7840	Tue	Polish intel.	PSK	(AB)
P03	6-7	0135	7840	Wed	Polish intel.	PSK	(AB)
P03	6-7	0140	7840	Wed	Polish intel.	PSK	(AB)
P03	6-7	0630	17535	Wed	Polish intel.	PSK	(AB)
P03	6-7	0635	17535	Wed	Polish intel.	PSK	(AB)
P03	7-7	0135	7840	Thu	Polish intel.	PSK	(AB)
P03	7-7	0140	7840	Thu	Polish intel.	PSK	(AB)
P03	8-7	0135	7840	Fri	Polish intel.	PSK	(AB)
P03	8-7	0140	7840	Fri	Polish intel.	PSK	(AB)
P03	9-7	0135	7840	Sat	Polish intel.	PSK	(AB)
P03	9-7	0140	7840	Sat	Polish intel.	PSK	(AB)
P03	10-7	0135	7840	Sun	Polish intel.	PSK	(AB-POL)
P03	10-7	0140	7840	Sun	Polish intel.	PSK	(AB-POL)
P03	11-7	0135	7840	Mon	Polish intel.	PSK	(AB)
P03	11-7	0140	7840	Mon	Polish intel.	PSK	(AB)
P03	11-7	0630	17535	Mon	Polish intel.	PSK	(AB-POL)
P03	11-7	0635	17535	Mon	Polish intel.	PSK	(AB-POL)
P03	12-7	0135	7840	Tue	Polish intel.	PSK	(AB)
P03	12-7	0140	7840	Tue	Polish intel.	PSK	(AB)
P03	13-7	0135	7840	Wed	Polish intel.	PSK	(AB)
P03	13-7	0140	7840	Wed	Polish intel.	PSK	(AB)
P03	13-7	0630	17535	Wed	Polish intel.	PSK	(AB)
P03	13-7	0635	17535	Wed	Polish intel.	PSK	(AB)



P03	14-7	0135	7840	Thu	Polish intel.	PSK	(AB)
P03	14-7	0140	7840	Thu	Polish intel.	PSK	(AB)
P03	15-7	0135	7840	Fri	Polish intel.	PSK	(AB)
P03	15-7	0140	7840	Fri	Polish intel.	PSK	(AB)
P03	16-7	0135	7840	Sat	Polish intel.	PSK	(AB)
P03	16-7	0140	7840	Sat	Polish intel.	PSK	(AB)
P03	17-7	0135	7840	Sun	Polish intel.	PSK	(AB-POL)
P03	17-7	0140	7840	Sun	Polish intel.	PSK	(AB-POL)
P03	18-7	0135	7840	Mon	Polish intel.	PSK	(AB)
P03	18-7	0140	7840	Mon	Polish intel.	PSK	(AB)
P03	18-7	0630	17535	Mon	Polish intel.	PSK	(AB)
P03	18-7	0635	17535	Mon	Polish intel.	PSK	(AB)
P03	19-7	0135	7840	Tue	Polish intel.	PSK	(AB)
P03	19-7	0140	7840	Tue	Polish intel.	PSK	(AB)
P03	20-7	0135	7840	Wed	Polish intel.	PSK	(AB-POL)
P03	20-7	0140	7840	Wed	Polish intel.	PSK	(AB-POL)
P03	20-7	0630	17535	Wed	Polish intel.	PSK	(AB)
P03	20-7	0635	17535	Wed	Polish intel.	PSK	(AB)
P03	21-7	0135	7840	Thu	Polish intel.	PSK	(AB)
P03	21-7	0140	7840	Thu	Polish intel.	PSK	(AB)
P03	22-7	0135	7840	Fri	Polish intel.	PSK	(AB)
P03	22-7	0140	7840	Fri	Polish intel.	PSK	(AB)
P03	23-7	0135	7840	Sat	Polish intel.	PSK	(AB)
P03	23-7	0140	7840	Sat	Polish intel.	PSK	(AB)
P03	24-7	0134	7840	Sun	Polish intel.	PSK	(AB)
P03	24-7	0139	7840	Sun	Polish intel.	PSK	(AB)
P03	25-7	0135	7840	Mon	Polish intel.	PSK	(AB)
P03	25-7	0140	7840	Mon	Polish intel.	PSK	(AB)
P03	25-7	0630	17535	Mon	Polish intel.	PSK	(AB)
P03	25-7	0635	17535	Mon	Polish intel.	PSK	(AB)
P03	26-7	0135	7840	Tue	Polish intel.	PSK	(AB)
P03	26-7	0140	7840	Tue	Polish intel.	PSK	(AB)
P03	27-7	0135	7840	Wed	Polish intel.	PSK	(AB-POL)
P03	27-7	0140	7840	Wed	Polish intel.	PSK	(AB-POL)
P03	27-7	0630	17535	Wed	Polish intel.	PSK	(AB)
P03	27-7	0635	17535	Wed	Polish intel.	PSK	(AB)
P03	28-7	0135	7840	Thu	Polish intel.	PSK	(AB)
P03	28-7	0140	7840	Thu	Polish intel.	PSK	(AB)
P03	29-7	0135	7840	Fri	Polish intel.	PSK	(AB)
P03	29-7	0140	7840	Fri	Polish intel.	PSK	(AB)
P03	30-7	0135	7840	Sat	Polish intel.	PSK	(AB)
P03	30-7	0140	7840	Sat	Polish intel.	PSK	(AB)

<b>P03</b>	31-7	0134	7840	Sun	Polish intel.	PSK	(AB)
<b>P03</b>	31-7	0139	7840	Sun	Polish intel.	PSK	(AB)
<b>P03e</b>	1-7	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
<b>P03e</b>	1-7	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
<b>P03e</b>	3-7	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	3-7	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	3-7	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	3-7	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5-7	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5-7	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	8-7	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	8-7	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10-7	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10-7	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10-7	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	10-7	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	12-7	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	12-7	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	15-7	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	15-7	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	17-7	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	17-7	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	17-7	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	17-7	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	19-7	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	19-7	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	22-7	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	22-7	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	24-7	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	24-7	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	24-7	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	24-7	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	26-7	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	26-7	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	29-7	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	29-7	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	31-7	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	31-7	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	31-7	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	31-7	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03f</b>	4-7	0530	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	4-7	0535	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)

<b>P03f</b>	6-7	0530	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	6-7	0535	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	12-7	0535	13537	Tue	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	13-7	0530	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	18-7	0530	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	18-7	0535	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	20-7	0530	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	20-7	0535	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	25-7	0530	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	25-7	0535	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	27-7	0530	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03f</b>	27-7	0535	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
<b>P03j</b>	1-7	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	1-7	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	6-7	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	6-7	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	8-7	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	8-7	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	13-7	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	13-7	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	15-7	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	15-7	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	20-7	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	20-7	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
<b>P03j</b>	22-7	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	22-7	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	27-7	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	27-7	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	29-7	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03j</b>	29-7	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
<b>P03k</b>	1-7	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	1-7	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	1-7	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	1-7	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	2-7	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	2-7	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	2-7	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	2-7	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
<b>P03k</b>	2-7	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
<b>P03k</b>	2-7	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
<b>P03k</b>	2-7	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
<b>P03k</b>	2-7	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	3-7	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-7	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-7	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-7	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-7	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	3-7	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	3-7	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	3-7	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	3-7	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-7	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-7	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-7	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-7	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-7	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-7	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-7	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-7	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-7	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-7	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-7	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-7	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-7	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-7	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-7	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-7	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-7	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-7	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-7	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-7	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-7	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-7	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9-7	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(<PJ)
P03k	10-7	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-7	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-7	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-7	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-7	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-7	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-7	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-7	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-7	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-7	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	11-7	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-7	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-7	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-7	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13-7	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-7	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-7	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-7	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-7	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-7	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-7	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-7	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-7	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-7	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-7	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-7	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-7	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-7	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-7	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-7	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-7	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-7	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-7	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-7	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-7	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-7	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-7	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-7	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-7	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-7	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-7	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-7	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-7	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-7	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-7	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	19-7	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	20-7	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-7	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-7	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-7	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-7	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-7	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	22-7	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-7	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-7	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	22-7	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	23-7	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-7	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-7	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-7	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-7	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	23-7	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	23-7	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-7	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-7	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-7	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-7	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-7	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-7	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-7	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-7	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	24-7	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	24-7	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-7	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-7	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-7	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-7	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-7	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-7	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	27-7	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	27-7	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	27-7	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	28-7	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-7	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-7	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-7	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-7	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-7	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-7	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-7	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-7	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-7	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-7	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-7	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)



P03k	30-7	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-7	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-7	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03l	1-7	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	1-7	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	2-7	1200	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	2-7	1205	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	2-7	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	2-7	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	3-7	1200	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03l	3-7	1205	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03l	3-7	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03l	3-7	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03l	4-7	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	4-7	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	6-7	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	6-7	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	7-7	1200	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	7-7	1205	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	8-7	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	8-7	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	9-7	1200	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03l	9-7	1205	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03l	9-7	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	9-7	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	10-7	1200	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	10-7	1205	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	10-7	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HOL)
P03l	10-7	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HOL)
P03l	11-7	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03l	11-7	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03l	13-7	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	13-7	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	14-7	1200	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	14-7	1205	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	15-7	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	15-7	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	16-7	1200	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	16-7	1205	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	16-7	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	16-7	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	17-7	1200	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	17-7	1205	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	17-7	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	17-7	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	18-7	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	18-7	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	20-7	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-7	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-7	1200	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	21-7	1205	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	22-7	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-7	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	23-7	1200	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HNG)
P03I	23-7	1205	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HNG)
P03I	23-7	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-FIN)
P03I	23-7	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-FIN)
P03I	24-7	1200	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	24-7	1205	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	24-7	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	24-7	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	25-7	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	25-7	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	27-7	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	27-7	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	28-7	1200	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	28-7	1205	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	29-7	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	29-7	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	30-7	1200	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	30-7	1205	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	30-7	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	30-7	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	31-7	1200	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	31-7	1205	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)



P03I	31-7	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	31-7	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
Q26	1-7	0701	9153	Fri	Message followed by CW traffic (M95)	4+4 QPSK 75/3000 LSB	(Anon)
Q26	1-7	0854	9054	Fri	in progress	4+4 QPSK 75/3000 LSB	(Anon)
Q26	2-7	1131	4364	Sat	XSV85 messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	2-7	1131	8073	Sat	XSV85 messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	2-7	1144	4243	Sat	Messages //9054 kHz	4+4 QPSK 75/3000 LSB	(JPL)
Q26	2-7	1144	9054	Sat	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	20-7	1048	8217	Wed	Chinese military using 4+4 QPSK, 30-tone OFDM and CW. Operator chats in Chinese voice between the digital modes	4+4 QPSK 75/3000 LSB	(EW)
Q26	21-7	1057	9323	Thu	YSH5 YSH5 YSH5 DE 8ZMY 8ZMY 8ZMY SY072103 6710 6127 2360 ... 1562 4706 6801 QSL?QSL?QSL? NR 005	4+4 QPSK 75/3000 LSB	(EW)
Q26	21-7	1124	8947.5	Thu	message	4+4 QPSK 75/3000 LSB	(Anon)
Q26	22-7	1023	9061	Fri	Chinese military sending 4-figure groups	4+4 QPSK 75/3000 LSB	(EW)
Q26	22-7	1053	10118	Fri	message	4+4 QPSK 75/3000 LSB	(Anon)
Q26	22-7	1100	12155	Fri	message	4+4 QPSK 75/3000 LSB	(Anon)
Q26	24-7	1342	19919	Sun	Chinese military, idling	4+4 QPSK 75/3000 LSB	(DW-MD)
S06	1-7	0830	15875	Fri	842 701 38 68706 89384 57162 ... 26899 72225 58360 701 38 00000	USB	(PY/HFD)
S06	1-7	0890	13469	Fri	842 701 38 68706 89384 57162 ... 26899 72225 58360 701 38 00000	USB	(PY/HFD)
S06	1-7	2000	9912	Fri	319 319 319 00000	USB	(AB/HFD)
S06	1-7	2100	7916	Fri	319 319 319 00000	USB	(AB/HFD)
S06	7-7	0830	15875	Thu	842 561 39 70946 02360 98513 ... 77779 21883 04871 561 39 00000	USB	(PY)
S06	7-7	0930	13474	Thu	842 561 39 70946 02360 98513 ... 77779 21883 04871 561 39 00000	USB	(PY)
S06	8-7	0830	15875	Fri	842 561 39 70946 02360 98513 ... 77779 21883 04871 561 39 00000	USB	(PY)
S06	8-7	0930	13469	Fri	842 561 39 70946 02360 98513 ... 77779 21883 04871 561 39 00000	USB	(PY)
S06	14-7	0830	15875	Thu	842 379 40 33322 43634 20287 ... 45088 47310 31961 379 40 00000	USB	(PY)
S06	14-7	0930	13481	Thu	842 379 40 33322 43634 20287 ... 45088 47310 31961 379 40 00000	USB	(PY)
S06	15-7	0830	15875	Fri	842 379 40 33322 43634 20287 ... 45088 47310 31961 379 40 00000	USB	(PY)
S06	15-7	0930	13479	Fri	842 379 40 33322 43634 20287 ... 45088 47310 31961 379 40 00000	USB	(PY)
S06	15-7	2000	9912	Fri	319 319 319 000	USB	(AB)
S06	15-7	2100	7916	Fri	319 319 319 000	USB	(AB)
S06	21-7	0405	11616	Thu	480 956 70 84323 68479 99335 ... 67942 79411 72154 956 70 00000 Late start, already in progress	USB	(PY)
S06	21-7	0420	9322	Thu	480 956 70 84323 68479 99335 ... 67942 79411 72154 956 70 00000	USB	(PY)
S06	21-7	0830	15875	Thu	842 650 41 84776 91493 19489 ... 56046 52518 74992 650 41 00000	USB	(PY)
S06	21-7	0930	13469	Thu	842 650 41 84776 91493 19489 ... 56046 52518 74992 650 41 00000	USB	(PY)
S06	22-7	0400	11616	Fri	480 956 70 84323 68479 99335 ... 67942 79411 72154 956 70 00000 Repeating "09501" instead of 480 during the first 2 minutes	USB	(PY)
S06	22-7	0420	9322	Fri	480 956 70 84323 68479 99335 ... 67942 79411 72154 956 70 00000	USB	(PY)
S06	22-7	0830	15875	Fri	842 650 41 84776 91493 19489 ... 56046 52518 74992 650 41 00000	USB	(PY)
S06	22-7	0930	13459	Fri	842 650 41 84776 91493 19489 ... 56046 52518 74992 650 41 00000	USB	(PY)
S06	28-7	0830	15875	Thu	842 137 42 94773 08026 38714 ... 69250 91021 23533 137 42 00000	USB	(PY)
S06	28-7	0930	13459	Thu	842 137 42 94773 08026 38714 ... 69250 91021 23533 137 42 00000	USB	(PY)

<b>S06</b>	29-7	0830	15875	Fri	842 137 42 94773 08026 38714 ... 69250 91021 23533 137 42 00000	USB	(PY)
<b>S06</b>	29-7	0930	13477	Fri	842 137 42 94773 08026 38714 ... 69250 91021 23533 137 42 00000	USB	(PY)
<b>S11a</b>	1-7	0915	6814	Fri	483/00	USB	(AB)
<b>S11a</b>	1-7	1400	7772	Fri	429/00	USB	(AB/MPJ)
<b>S11a</b>	2-7	0830	5149	Sat	372/00	USB	(AB-POL)
<b>S11a</b>	2-7	1850	12457	Sat	286/00	USB	(AB)
<b>S11a</b>	3-7	0830	5149	Sun	379/00	USB	(AB)
<b>S11a</b>	4-7	0510	13537	Mon	651/00	USB	(AB-POL)
<b>S11a</b>	4-7	0700	9339	Mon	477/00	USB	(AB)
<b>S11a</b>	4-7	0915	6814	Mon	486/00	USB	(AB)
<b>S11a</b>	5-7	0445	9968	Tue	799/00	USB	(AB)
<b>S11a</b>	5-7	1400	7772	Tue	420/00	USB	(AB/MPJ-HOL)
<b>S11a</b>	6-7	0510	13537	Wed	652/00	USB	(AB-POL)
<b>S11a</b>	6-7	1850	12457	Wed	284/35 Vnimanaye 93397 57275 88954 ... 58232 14528 83978 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	7-7	0445	9968	Thu	793/00	USB	(AB/HFD)
<b>S11a</b>	7-7	0500	15690	Thu	381/00	USB	(AB-POL)
<b>S11a</b>	7-7	0700	9339	Thu	478/00	USB	(AB)
<b>S11a</b>	8-7	0915	6814	Fri	483/00	USB	(AB)
<b>S11a</b>	8-7	1400	7772	Fri	425/00	USB	(AB/MPJ-HOL)
<b>S11a</b>	9-7	0830	5149	Sat	372/00	USB	(AB)
<b>S11a</b>	9-7	1850	12457	Sat	284/35 Vnimanaye 93397 57275 88954 ... 58232 14528 83978 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	10-7	0830	5149	Sun	371/00	USB	(AB)
<b>S11a</b>	11-7	0510	13537	Mon	652/33 Vnimanaye 71733 34924 29830 ... 35547 81010 69314 Vnimanaye (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	11-7	0700	9339	Mon	471/00	USB	(AB)
<b>S11a</b>	11-7	0915	6814	Mon	481/00	USB	(AB)
<b>S11a</b>	12-7	0445	9968	Tue	791/00	USB	(AB)
<b>S11a</b>	12-7	1400	7772	Tue	424/34 Vnimanaye 88492 71020 98060 ... 74137 25264 27795 Vnimanaye (message repeated) Konets	USB	(AB/MPJ-HNG)
<b>S11a</b>	13-7	0510	13537	Wed	652/33 Vnimanaye 71733 34924 29830 ... 35547 81010 69314 Vnimanaye (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	13-7	1850	12457	Wed	282/00	USB	(AB)
<b>S11a</b>	14-7	0445	9968	Thu	793/00	USB	(AB)
<b>S11a</b>	14-7	0500	15690	Thu	381/37 Vnimanaye 79245 92614 58278 ... 94466 51263 30846 Vnimanaye (message repeated) Konets	USB	(AB-POL)
<b>S11a</b>	14-7	0700	9339	Thu	475/00	USB	(AB)
<b>S11a</b>	15-7	0915	6814	Fri	484/00	USB	(AB/MPJ)
<b>S11a</b>	15-7	1400	7772	Fri	424/34 Vnimanaye 88492 71020 98060 ... 74137 25264 27795 Vnimanaye (message repeated) Konets	USB	(AB/MPJ)
<b>S11a</b>	16-7	0830	5149	Sat	372/00	USB	(AB)
<b>S11a</b>	16-7	1850	12457	Sat	284/00	USB	(AB)
<b>S11a</b>	17-7	0830	5149	Sun	372/00	USB	(AB)
<b>S11a</b>	18-7	0510	13537	Mon	652/00	USB	(AB-POL)
<b>S11a</b>	18-7	0700	9339	Mon	477/30 Vnimanaye 35331 69378 56311 ... 10338 71640 77914 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	18-7	0915	6814	Mon	480/00	USB	(AB)
<b>S11a</b>	19-7	0445	9968	Tue	791/32 Vnimanaye 47329 97841 98466 ... 40097 28254 66780 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	19-7	1400	7772	Tue	427/00	USB	(AB-POL/MPJ)

<b>S11a</b>	20-7	0510	13537	Wed	654/00	USB	(AB-POL)
<b>S11a</b>	20-7	1850	12457	Wed	288/00	USB	(AB)
<b>S11a</b>	21-7	0445	9968	Thu	791/32 Vnimanaye 47329 97841 98466 ... 40097 28254 66780 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	21-7	0500	15690	Thu	388/00	USB	(AB-POL)
<b>S11a</b>	21-7	0700	9339	Thu	477/30 Vnimanaye 35331 69378 56311 ... 10338 71640 77914 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	22-7	0915	6814	Fri	485/00	USB	(AB)
<b>S11a</b>	22-7	1400	7772	Fri	422/00	USB	(AB/MPJ)
<b>S11a</b>	23-7	0830	5149	Sat	377/00	USB	(AB)
<b>S11a</b>	23-7	1850	12457	Sat	285/00	USB	(AB)
<b>S11a</b>	24-7	0830	5149	Sun	379/00	USB	(AB)
<b>S11a</b>	25-7	0510	13537	Mon	659/00	USB	(AB-POL)
<b>S11a</b>	25-7	0700	9339	Mon	475/00	USB	(AB)
<b>S11a</b>	25-7	0915	6814	Mon	483/37 Vnimanaye 77693 09567 63776 ... 02063 09798 69507 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	26-7	0445	9968	Tue	793/00	USB	(AB)
<b>S11a</b>	26-7	0500	15690	Tue	381/00	USB	(AB-POL)
<b>S11a</b>	26-7	1400	7772	Tue	422/00	USB	(AB-POL)
<b>S11a</b>	27-7	0510	13537	Wed	65700	USB	(AB-POL)
<b>S11a</b>	27-7	1850	12457	Wed	286/00	USB	(AB)
<b>S11a</b>	28-7	0445	9968	Thu	794/00	USB	(AB)
<b>S11a</b>	28-7	0500	15690	Thu	382/00	USB	(AB-POL)
<b>S11a</b>	28-7	0700	9339	Thu	475/00	USB	(AB)
<b>S11a</b>	29-7	0915	6814	Fri	483/37 Vnimanaye 77693 09567 63776 ... 02063 09798 69507 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	29-7	1400	7772	Fri	424/00	USB	(AB/MPJ-HOL)
<b>S11a</b>	30-7	0830	5149	Sat	377/36 Vnimanaye 46388 64962 02409 ... 80420 28848 87991 Vnimanaye (message repeated) Konets	USB	(AB)
<b>S11a</b>	30-7	1850	12457	Sat	280/00	USB	(AB)
<b>S11a</b>	31-7	0830	5149	Sun	377/36 Vnimanaye 46388 64962 02409 ... 80420 28848 87991 Vnimanaye (message repeated) Konets	USB	(AB)
<b>UM10</b>	22-7	1947	3350	Fri	10-minutes net: HSN5 //4129 kHz	CW	(JPL-RUS)
<b>UM10</b>	22-7	1947	4129	Fri	10-minutes net: HSN5 //3350 kHz	CW	(JPL-RUS)
<b>V07</b>	10-7	0300	13521	Sun	514 514 514 1 6918 112 6918 112 67756 47993 03698 ... 09597 42362 44158 000 000	USB	(Dan/HFD-USA)
<b>V07</b>	10-7	0320	12121	Sun	514 514 514 1 6918 112 6918 112 67756 47993 03698 ... 09597 42362 44158 000 000	USB	(HFD-USA)
<b>V07</b>	10-7	0340	11421	Sun	514 514 514 1 6918 112 6918 112 67756 47993 03698 ... 09597 42362 44158 000 000	USB	(HFD-USA)
<b>V07</b>	17-7	0300	13512	Sun	514 514 514 1 676 60 676 60 42129 40955 28997 ... 70214 01009 77395000 000	USB	(Dan-J)
<b>V07</b>	31-7	0300	13521	Sun	514 514 514 1 6564 126 6564 126 69884 90020 62279 ... 60089 17412 49429 000 000	USB	(Dan)
<b>V13</b>	1-7	1330	7688	Fri	New Star Broadcasting	USB	(AB-TWN)
<b>V13</b>	1-7	1330	11430	Fri	New Star Broadcasting	USB	(AB-TWN)
<b>V13</b>	2-7	1200	9276	Sat	New Star Broadcasting	USB	(AB-TWN)
<b>V13</b>	2-7	1200	13974	Sat	New Star Broadcasting	USB	(AB-TWN)
<b>V13</b>	2-7	1230	9276	Sat	New Star Broadcasting	USB	(AB-TWN)
<b>V13</b>	2-7	1230	13974	Sat	New Star Broadcasting	USB	(AB-TWN)
<b>V13</b>	2-7	1330	9276	Sat	New Star Broadcasting	USB	(AB-TWN)
<b>V13</b>	2-7	1330	13974	Sat	New Star Broadcasting	USB	(AB-TWN)
<b>V13</b>	4-7	1200	13974	Mon	New Star Broadcasting	USB	(AB-TWN)

V13	5-7	1200	13974	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	5-7	1300	11430	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	7-7	1200	9276	Thu	New Star Broadcasting	USB	(AB-TWN)
V13	7-7	1300	13974	Thu	New Star Broadcasting	USB	(AB-TWN)
V13	12-7	1200	13974	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	12-7	1300	7688	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	12-7	1301	11430	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	13-7	1259	11430	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	13-7	1301	7688	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	14-7	1200	9276	Thu	New Star Broadcasting	USB	(AB-TWN)
V13	14-7	1200	13974	Thu	New Star Broadcasting	USB	(AB-TWN)
V13	14-7	1300	7688	Thu	New Star Broadcasting	USB	(AB-TWN)
V13	15-7	1200	13974	Fri	New Star Broadcasting	USB	(AB-TWN)
V13	15-7	1201	9276	Fri	New Star Broadcasting	USB	(AB-TWN)
V13	18-7	1330	7688	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	18-7	1330	11430	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	19-7	1200	9276	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	19-7	1200	13974	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	19-7	1259	11430	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	19-7	1300	7688	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	25-7	1300	7688	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	25-7	1300	11430	Mon	New Star Broadcasting	USB	(AB-TWN)
X06	1-7	0819	13556	Fri	MFA Moscow clg 324615: Russian embassy Madrid	MFSK-6	(AB)
X06	4-7	----	14392	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(T101)
X06	7-7	0714	12219	Thu	MFA Moscow clg 162543: Russian embassy Nicosia	MFSK-6	(RO)
X06	7-7	0714	19511	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(RO)
X06	7-7	1322	17468	Thu	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(Moon)
X06	8-7	0454	15920	Fri	MFA Moscow clg 216435: Russian embassy Dhaka	MFSK-6	(RO)
X06	8-7	0831	12177	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(RO)
X06	10-7	1045	15810	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO)
X06	10-7	1139	15710	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(RO)
X06	11-7	0818	20690	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	11-7	0830	11537	Mon	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(T101)
X06	11-7	0934	16117	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(RO)
X06	11-7	1301	12177	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	11-7	1313	14683	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	12-7	0754	13420	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(RO)
X06	12-7	0856	14861	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(RO)
X06	12-7	1002	17520	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(Moon)
X06	12-7	1007	17520	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(AB)
X06	12-7	1017	17470	Tue	MFA Moscow clg 216354: Russian embassy Chennai	MFSK-6	(Moon)
X06	12-7	1024	17470	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(AB)

X06	13-7	0726	13369	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(T101)
X06	13-7	0813	10172	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(T101)
X06	13-7	0813	13441	Wed	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(T101)
X06	14-7	0753	7988	Thu	MFA Moscow clg 561243: Russian embassy Helsinki	MFSK-6	(RO)
X06	14-7	0817	13843	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(RO)
X06	14-7	0945	13506	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(RO)
X06	17-7	0714	12130	Sun	MFA Moscow clg 452163: Russian embassy Kabul	MFSK-6	(T101)
X06	18-7	0647	11638	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(RO)
X06	18-7	0714	10175	Mon	MFA Moscow clg 263514: Unid embassy	MFSK-6	(RO)
X06	18-7	0750	14377	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(RO)
X06	18-7	0754	12152	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(RO)
X06	18-7	0801	10453	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(RO)
X06	18-7	0819	12199	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(RO)
X06	19-7	0804	14615	Tue	MFA Moscow clg 125643: Russian embassy Ulaanbaatar	MFSK-6	(T101)
X06	19-7	0826	13401	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(RO)
X06	19-7	0918	17421	Tue	MFA Moscow clg 246531: Russian embassy Accra	MFSK-6	(T101)
X06	20-7	1109	14650	Wed	MFA Moscow clg 215346: Russian embassy Mumbai	MFSK-6	(RO)
X06	21-7	0715	19511	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(RO)
X06	21-7	0926	18197	Thu	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City	MFSK-6	(RO)
X06	21-7	1019	12188	Thu	Test: 111111	CW	(T101)
X06	27-7	0815	14861	Wed	MFA Moscow 542136: Russian embassy Beijing	MFSK-6	(HFD)
X06	27-7	0824	13369	Wed	MFA Moscow clg 412356: Russian embassy	MFSK-6	(Anon)
X06	27-7	0905	16116	Wed	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(Anon)
X06	27-7	0918	13985	Wed	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(Anon)
X06	28-7	0949	13506	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(Anon)
XPA1	1-7	1210	13368	Fri	311 311 311 1 06028 00126 28587 ... 00162 30847 23034	MFSK-20/10Bd	(AB/MPJ/HFD)
XPA1	1-7	1230	12168	Fri	311 311 311 1 06028 00126 28587 ... 00162 30847 23034	MFSK-20/10Bd	(AB/MPJ/HFD)
XPA1	1-7	1250	11168	Fri	311 311 311 1 06028 00126 28587 ... 00162 30847 23034	MFSK-20/10Bd	(AB/MPJ/HFD)
XPA1	5-7	0710	10446	Tue	367 367 367 1 00741 00206 80431... 14594 15997 57755	MFSK-20/10Bd	(AB/MPJ)
XPA1	5-7	0730	11474	Tue	367 367 367 1 00741 00206 80431... 14594 15997 57755	MFSK-20/10Bd	(AB/MPJ)
XPA1	5-7	0750	12175	Tue	367 367 367 1 00741 00206 80431... 14594 15997 57755	MFSK-20/10Bd	(AB/MPJ)
XPA1	6-7	1210	13368	Wed	311 311 311 1 02343 00114 66596 ... 63556 63324 11342	MFSK-20/10Bd	(AB)
XPA1	6-7	1230	12168	Wed	311 311 311 1 02343 00114 66596 ... 63556 63324 11342	MFSK-20/10Bd	(AB)
XPA1	6-7	1250	11168	Wed	311 311 311 1 02343 00114 66596 ... 63556 63324 11342	MFSK-20/10Bd	(AB)
XPA1	7-7	0710	10446	Thu	367 367 367 1 00741 00206 80431... 14594 15997 57755	MFSK-20/10Bd	(AB)
XPA1	7-7	0730	11474	Thu	367 367 367 1 00741 00206 80431... 14594 15997 57755	MFSK-20/10Bd	(AB)
XPA1	7-7	0750	12175	Thu	367 367 367 1 00741 00206 80431... 14594 15997 57755	MFSK-20/10Bd	(AB)
XPA1	8-7	1210	13368	Fri	311 311 311 1 02343 00114 66596 ... 63556 63324 11342	MFSK-20/10Bd	(AB/MPJ)
XPA1	8-7	1230	12168	Fri	311 311 311 1 02343 00114 66596 ... 63556 63324 11342	MFSK-20/10Bd	(AB/MPJ)
XPA1	8-7	1250	11168	Fri	311 311 311 1 02343 00114 66596 ... 63556 63324 11342	MFSK-20/10Bd	(AB/MPJ)
XPA1	12-7	0710	10446	Tue	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	12-7	0730	11474	Tue	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)



XPA1	12-7	0750	12175	Tue	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	13-7	1210	13368	Wed	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	13-7	1230	12168	Wed	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	13-7	1250	11168	Wed	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	14-7	0710	10446	Thu	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	14-7	0730	11474	Thu	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	14-7	0750	12175	Thu	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	15-7	1210	13368	Fri	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB/MPJ)
XPA1	15-7	1230	12168	Fri	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB/MPJ)
XPA1	15-7	1250	11168	Fri	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB/MPJ)
XPA1	19-7	0710	10446	Tue	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	19-7	0730	11474	Tue	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	19-7	0750	12175	Tue	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	20-7	1210	13368	Wed	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	20-7	1230	12168	Wed	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	20-7	1250	11168	Wed	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	21-7	0710	10446	Thu	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	21-7	0730	11474	Thu	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	21-7	0750	12175	Thu	367 367 367 1 00753 00188 00705 ... 38417 92424 27543	MFSK-20/10Bd	(AB)
XPA1	22-7	1210	13368	Fri	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	22-7	1230	12168	Fri	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	22-7	1250	11168	Fri	311 311 311 1 07717 00094 31159 ... 82549 60281 02773	MFSK-20/10Bd	(AB)
XPA1	26-7	0710	10446	Tue	367 367 367 1 01587 00094 36468 ... 99517 63696 37437	MFSK-20/10Bd	(AB)
XPA1	26-7	0730	11474	Tue	367 367 367 1 01587 00094 36468 ... 99517 63696 37437	MFSK-20/10Bd	(AB)
XPA1	26-7	0750	12175	Tue	367 367 367 1 01587 00094 36468 ... 99517 63696 37437	MFSK-20/10Bd	(AB)
XPA1	27-7	1210	13368	Wed	311 311 311 1 09253 00130 36189 ... 42776 39064 26336	MFSK-20/10Bd	(AB)
XPA1	27-7	1230	12168	Wed	311 311 311 1 09253 00130 36189 ... 42776 39064 26336	MFSK-20/10Bd	(AB)
XPA1	27-7	1250	11168	Wed	311 311 311 1 09253 00130 36189 ... 42776 39064 26336	MFSK-20/10Bd	(AB)
XPA1	28-7	0710	10446	Thu	367 367 367 1 01587 00094 36468 ... 99517 63696 37437	MFSK-20/10Bd	(AB)
XPA1	28-7	0730	11474	Thu	367 367 367 1 01587 00094 36468 ... 99517 63696 37437	MFSK-20/10Bd	(AB)
XPA1	28-7	0750	12175	Thu	367 367 367 1 01587 00094 36468 ... 99517 63696 37437	MFSK-20/10Bd	(AB)
XPA1	29-7	1210	13368	Fri	311 311 311 1 09253 00130 36189 ... 42776 39064 26336	MFSK-20/10Bd	(AB/MPJ)
XPA1	29-7	1230	12168	Fri	311 311 311 1 09253 00130 36189 ... 42776 39064 26336	MFSK-20/10Bd	(AB/MPJ)
XPA1	29-7	1250	11168	Fri	311 311 311 1 09253 00130 36189 ... 42776 39064 26336	MFSK-20/10Bd	(AB/MPJ)
XPA2	1-7	0800	13391	Fri	07839 00001 00000 42262	MFSK-16/20Bd	(AB/HFD)
XPA2	1-7	0820	13891	Fri	07839 00001 00000 42262	MFSK-16/20Bd	(AB/HFD)
XPA2	1-7	0840	14891	Fri	07839 00001 00000 42262	MFSK-16/20Bd	(AB/HFD)
XPA2	1-7	1100	14958	Fri	00833 00195 25128 ... 23120 93241 67613	MFSK-16/20Bd	(AB/HFD)
XPA2	1-7	1120	13958	Fri	00833 00195 25128 ... 23120 93241 67613	MFSK-16/20Bd	(AB/HFD)
XPA2	1-7	1140	12158	Fri	00833 00195 25128 ... 23120 93241 67613	MFSK-16/20Bd	(AB/HFD)
XPA2	1-7	2100	12124	Fri	02845 00148 27932 ... 18668 51651 12043	MFSK-16/20Bd	(AB)
XPA2	1-7	2120	11124	Fri	02845 00148 27932 ... 18668 51651 12043	MFSK-16/20Bd	(AB/RL)

XPA2	1-7	2140	10624	Fri	02845 00148 27932 ... 18668 51651 12043	MFSK-16/20Bd	(AB/RL)
XPA2	2-7	0910	13445	Sat	00826 00128 85887 ... 99362 54054 24331	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-7	0930	12145	Sat	00826 00128 85887 ... 99362 54054 24331	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-7	0950	11545	Sat	00826 00128 85887 ... 99362 54054 24331	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-7	1500	13954	Sat	02202 00001 00000 33253	MFSK-16/20Bd	(AB/HFD)
XPA2	2-7	1520	12154	Sat	02202 00001 00000 33253	MFSK-16/20Bd	(AB/HFD)
XPA2	2-7	1540	11454	Sat	02202 00001 00000 33253	MFSK-16/20Bd	(AB/HFD)
XPA2	3-7	0800	13391	Sun	08157 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	3-7	0820	13891	Sun	08157 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	3-7	0840	14891	Sun	08157 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	3-7	2100	13394	Sun	00729 00124 95787 ... 12941 27521 12274	MFSK-16/20Bd	(AB/HFD)
XPA2	3-7	2120	12194	Sun	00729 00124 95787 ... 12941 27521 12274	MFSK-16/20Bd	(AB/HFD)
XPA2	3-7	2140	10794	Sun	00729 00124 95787 ... 12941 27521 12274	MFSK-16/20Bd	(AB/HFD)
XPA2	4-7	0700	12148	Mon	00776 00098 16698 ... 88218 54022 13114	MFSK-16/20Bd	(AB)
XPA2	4-7	0720	13448	Mon	00776 00098 16698 ... 88218 54022 13114	MFSK-16/20Bd	(AB)
XPA2	4-7	0740	13948	Mon	00776 00098 16698 ... 88218 54022 13114	MFSK-16/20Bd	(AB)
XPA2	4-7	0910	16296	Mon	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	4-7	0930	14981	Mon	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	4-7	0950	13953	Mon	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	4-7	1500	13954	Mon	08339 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	4-7	1520	12154	Mon	08339 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	4-7	1540	11454	Mon	08339 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	5-7	0500	10243	Tue	00857 00153 62443 ... 46448 67185 06662	MFSK-16/20Bd	(AB)
XPA2	5-7	0520	11143	Tue	00857 00153 62443 ... 46448 67185 06662	MFSK-16/20Bd	(AB)
XPA2	5-7	0540	12143	Tue	00857 00153 62443 ... 46448 67185 06662	MFSK-16/20Bd	(AB)
XPA2	5-7	1100	14958	Tue	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-7	1120	13958	Tue	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-7	1140	12158	Tue	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-7	1600	13538	Tue	01465 00001 00000 35657	MFSK-16/20Bd	(AB/HFD)
XPA2	5-7	1620	14438	Tue	01465 00001 00000 35657	MFSK-16/20Bd	(AB/HFD)
XPA2	5-7	1640	14938	Tue	01465 00001 00000 35657	MFSK-16/20Bd	(AB/HFD)
XPA2	5-7	2100	13394	Tue	00850 00222 26187 ... 71968 80833 47467	MFSK-16/20Bd	(AB)
XPA2	5-7	2120	12194	Tue	00850 00222 26187 ... 71968 80833 47467	MFSK-16/20Bd	(AB)
XPA2	5-7	2140	10794	Tue	00850 00222 26187 ... 71968 80833 47467	MFSK-16/20Bd	(AB)
XPA2	6-7	0700	12148	Wed	00776 00098 16698 ... 88218 54022 13114	MFSK-16/20Bd	(AB/HFD)
XPA2	6-7	0720	13448	Wed	00776 00098 16698 ... 88218 54022 13114	MFSK-16/20Bd	(AB/HFD)
XPA2	6-7	0740	13948	Wed	00776 00098 16698 ... 88218 54022 13114	MFSK-16/20Bd	(AB/HFD)
XPA2	6-7	0910	16296	Wed	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	6-7	0930	14981	Wed	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	6-7	0950	13953	Wed	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	6-7	1100	17435	Wed	00796 00089 81557 ... 04157 63003 43233	MFSK-16/20Bd	(AB)
XPA2	6-7	1120	16235	Wed	00796 00089 81557 ... 04157 63003 43233	MFSK-16/20Bd	(AB)

XPA2	6-7	1140	14935	Wed	00796 00089 81557 ... 04157 63003 43233	MFSK-16/20Bd	(AB)
XPA2	6-7	2100	12124	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	6-7	2100	12124	Wed	00666 00260 89020 ... 68466 46218 32301	MFSK-16/20Bd	(AB/HFD)
XPA2	6-7	2120	11124	Wed	00666 00260 89020 ... 68466 46218 32301	MFSK-16/20Bd	(AB/HFD)
XPA2	6-7	2140	10624	Wed	00666 00260 89020 ... 68466 46218 32301	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	0500	10243	Thu	00857 00153 62443 ... 46448 67185 06662	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	0520	11143	Thu	00857 00153 62443 ... 46448 67185 06662	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	0540	12143	Thu	00857 00153 62443 ... 46448 67185 06662	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	0910	13445	Thu	00626 00055 31962 ... 71586 51390 34757	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	0930	12145	Thu	00626 00055 31962 ... 71586 51390 34757	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	0950	11545	Thu	00626 00055 31962 ... 71586 51390 34757	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	1100	17435	Thu	00796 00089 81557 ... 04157 63003 43233	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	1120	16235	Thu	00796 00089 81557 ... 04157 63003 43233	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	1140	14935	Thu	00796 00089 81557 ... 04157 63003 43233	MFSK-16/20Bd	(AB/HFD)
XPA2	7-7	1600	13538	Thu	01050 00001 00000 31256	MFSK-16/20Bd	(AB)
XPA2	7-7	1620	14438	Thu	01050 00001 00000 31256	MFSK-16/20Bd	(AB)
XPA2	7-7	1640	14938	Thu	01050 00001 00000 31256	MFSK-16/20Bd	(AB)
XPA2	8-7	0800	13391	Fri	00733 00078 81374 ... 53275 78637 44541	MFSK-16/20Bd	(AB)
XPA2	8-7	0820	13891	Fri	00733 00078 81374 ... 53275 78637 44541	MFSK-16/20Bd	(AB)
XPA2	8-7	0840	14891	Fri	00733 00078 81374 ... 53275 78637 44541	MFSK-16/20Bd	(AB)
XPA2	8-7	1100	14958	Fri	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	8-7	1120	13958	Fri	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	8-7	1140	12158	Fri	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	8-7	2100	12124	Fri	00666 00260 89020 ... 68466 46218 32301	MFSK-16/20Bd	(AB)
XPA2	8-7	2120	11124	Fri	00666 00260 89020 ... 68466 46218 32301	MFSK-16/20Bd	(AB)
XPA2	8-7	2140	10624	Fri	00666 00260 89020 ... 68466 46218 32301	MFSK-16/20Bd	(AB)
XPA2	9-7	0910	13445	Sat	00626 00055 31962 ... 71586 51390 34757	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-7	0930	12145	Sat	00626 00055 31962 ... 71586 51390 34757	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-7	0950	11545	Sat	00626 00055 31962 ... 71586 51390 34757	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-7	1500	13954	Sat	09352 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	9-7	1520	12154	Sat	09352 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	9-7	1540	11454	Sat	09352 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	10-7	0800	13391	Sun	00733 00078 81374 ... 53275 78637 44541	MFSK-16/20Bd	(AB)
XPA2	10-7	0820	13891	Sun	00733 00078 81374 ... 53275 78637 44541	MFSK-16/20Bd	(AB)
XPA2	10-7	0840	14891	Sun	00733 00078 81374 ... 53275 78637 44541	MFSK-16/20Bd	(AB)
XPA2	10-7	2100	13394	Sun	00850 00222 26187 ... 71968 80833 47467	MFSK-16/20Bd	(AB)
XPA2	10-7	2120	12194	Sun	00850 00222 26187 ... 71968 80833 47467	MFSK-16/20Bd	(AB)
XPA2	10-7	2140	10794	Sun	00850 00222 26187 ... 71968 80833 47467	MFSK-16/20Bd	(AB)
XPA2	11-7	0700	12148	Mon	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	11-7	0720	13448	Mon	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	11-7	0740	13948	Mon	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	11-7	0910	16296	Mon	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)



XPA2	11-7	0930	14981	Mon	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	11-7	0950	13953	Mon	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	11-7	1500	13954	Mon	00725 00283 90252 ... 05909 37941 72730	MFSK-16/20Bd	(AB/MPJ)
XPA2	11-7	1520	12154	Mon	00725 00283 90252 ... 05909 37941 72730	MFSK-16/20Bd	(AB/MPJ)
XPA2	11-7	1540	11454	Mon	00725 00283 90252 ... 05909 37941 72730	MFSK-16/20Bd	(AB/MPJ)
XPA2	12-7	0500	10243	Tue	03357 00001 00000 36260	MFSK-16/20Bd	(AB)
XPA2	12-7	0520	11143	Tue	03357 00001 00000 36260	MFSK-16/20Bd	(AB)
XPA2	12-7	0540	12143	Tue	03357 00001 00000 36260	MFSK-16/20Bd	(AB)
XPA2	12-7	1100	14958	Tue	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	12-7	1120	13958	Tue	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	12-7	1140	12158	Tue	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	12-7	1600	13538	Tue	00424 00273 37282 ... 11756 08449 62406	MFSK-16/20Bd	(AB)
XPA2	12-7	1620	14438	Tue	00424 00273 37282 ... 11756 08449 62406	MFSK-16/20Bd	(AB)
XPA2	12-7	1640	14938	Tue	00424 00273 37282 ... 11756 08449 62406	MFSK-16/20Bd	(AB)
XPA2	12-7	2100	13394	Tue	00840 00180 18598 ... 00507 10068 67677	MFSK-16/20Bd	(AB)
XPA2	12-7	2120	12194	Tue	00840 00180 18598 ... 00507 10068 67677	MFSK-16/20Bd	(AB)
XPA2	12-7	2140	10794	Tue	00840 00180 18598 ... 00507 10068 67677	MFSK-16/20Bd	(AB)
XPA2	13-7	0700	12148	Wed	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	13-7	0720	13448	Wed	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	13-7	0740	13948	Wed	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	13-7	0910	16296	Wed	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	13-7	0930	14981	Wed	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	13-7	0950	13953	Wed	00855 00073 95395 ... 41589 73678 17145	MFSK-16/20Bd	(AB)
XPA2	13-7	1100	17435	Wed	05474 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	13-7	1120	16235	Wed	05474 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	13-7	1140	14935	Wed	05474 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	13-7	2100	12124	Wed	00810 00204 08553 ... 07196 85023 12340	MFSK-16/20Bd	(AB/RL)
XPA2	13-7	2120	11124	Wed	00810 00204 08553 ... 07196 85023 12340	MFSK-16/20Bd	(AB/RL)
XPA2	13-7	2140	10624	Wed	00810 00204 08553 ... 07196 85023 12340	MFSK-16/20Bd	(AB/RL)
XPA2	14-7	0500	10243	Thu	01561 00001 00000 34257	MFSK-16/20Bd	(AB)
XPA2	14-7	0520	11143	Thu	01561 00001 00000 34257	MFSK-16/20Bd	(AB)
XPA2	14-7	0540	12143	Thu	01561 00001 00000 34257	MFSK-16/20Bd	(AB)
XPA2	14-7	0910	13445	Thu	09059 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-7	0930	12145	Thu	09059 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-7	0950	11545	Thu	09059 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-7	1100	17435	Thu	07774 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	14-7	1120	16235	Thu	07774 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	14-7	1140	14935	Thu	07774 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	14-7	1600	13538	Thu	00424 00273 37282 ... 11756 08449 62406	MFSK-16/20Bd	(AB)
XPA2	14-7	1620	14438	Thu	00424 00273 37282 ... 11756 08449 62406	MFSK-16/20Bd	(AB)
XPA2	14-7	1640	14938	Thu	00424 00273 37282 ... 11756 08449 62406	MFSK-16/20Bd	(AB)
XPA2	15-7	0800	13391	Fri	09910 00001 00000 35662	MFSK-16/20Bd	(AB)

XPA2	15-7	0820	13891	Fri	09910 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	15-7	0840	14891	Fri	09910 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	15-7	1100	14958	Fri	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	15-7	1120	13958	Fri	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	15-7	1140	12158	Fri	00326 00039 46675 ... 07589 94915 43405	MFSK-16/20Bd	(AB)
XPA2	15-7	2100	12124	Fri	00810 00204 08553 ... 07196 85023 12340	MFSK-16/20Bd	(AB)
XPA2	15-7	2120	11124	Fri	00810 00204 08553 ... 07196 85023 12340	MFSK-16/20Bd	(AB)
XPA2	15-7	2140	10624	Fri	00810 00204 08553 ... 07196 85023 12340	MFSK-16/20Bd	(AB)
XPA2	16-7	0910	13445	Sat	03107 00001 00000 35253	MFSK-16/20Bd	(AB)
XPA2	16-7	0930	12145	Sat	03107 00001 00000 35253	MFSK-16/20Bd	(AB)
XPA2	16-7	0950	11545	Sat	03107 00001 00000 35253	MFSK-16/20Bd	(AB)
XPA2	16-7	1500	13954	Sat	00725 00283 90252 ... 05909 37941 72730	MFSK-16/20Bd	(AB)
XPA2	16-7	1520	12154	Sat	00725 00283 90252 ... 05909 37941 72730	MFSK-16/20Bd	(AB)
XPA2	16-7	1540	11454	Sat	00725 00283 90252 ... 05909 37941 72730	MFSK-16/20Bd	(AB)
XPA2	17-7	0800	13391	Sun	04692 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	17-7	0820	13891	Sun	04692 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	17-7	0840	14891	Sun	04692 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	17-7	2100	13394	Sun	00840 00180 18598 ... 00507 10068 67677	MFSK-16/20Bd	(AB)
XPA2	17-7	2120	12194	Sun	00840 00180 18598 ... 00507 10068 67677	MFSK-16/20Bd	(AB)
XPA2	17-7	2140	10794	Sun	00840 00180 18598 ... 00507 10068 67677	MFSK-16/20Bd	(AB)
XPA2	18-7	0700	12148	Mon	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	18-7	0720	13448	Mon	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	18-7	0740	13948	Mon	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	18-7	0910	16296	Mon	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	18-7	0930	14981	Mon	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	18-7	0950	13953	Mon	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	18-7	1500	13954	Mon	06354 00001 00000 34663	MFSK-16/20Bd	(AB)
XPA2	18-7	1520	12154	Mon	06354 00001 00000 34663	MFSK-16/20Bd	(AB)
XPA2	18-7	1540	11454	Mon	06354 00001 00000 34663	MFSK-16/20Bd	(AB)
XPA2	19-7	0500	10243	Tue	06136 00001 00000 34661	MFSK-16/20Bd	(AB)
XPA2	19-7	0520	11143	Tue	06136 00001 00000 34661	MFSK-16/20Bd	(AB)
XPA2	19-7	0540	12143	Tue	06136 00001 00000 34661	MFSK-16/20Bd	(AB)
XPA2	19-7	1100	14958	Tue	02031 00001 00000 31655	MFSK-16/20Bd	(AB/MPJ)
XPA2	19-7	1120	13958	Tue	02031 00001 00000 31655	MFSK-16/20Bd	(AB/MPJ)
XPA2	19-7	1140	12158	Tue	02031 00001 00000 31655	MFSK-16/20Bd	(AB/MPJ)
XPA2	19-7	1600	13538	Tue	01921 00001 00000 36253	MFSK-16/20Bd	(AB)
XPA2	19-7	1620	14438	Tue	01921 00001 00000 36253	MFSK-16/20Bd	(AB)
XPA2	19-7	1640	14938	Tue	01921 00001 00000 36253	MFSK-16/20Bd	(AB)
XPA2	19-7	2100	13394	Tue	04071 00208 10045 ... 73517 15072 12360	MFSK-16/20Bd	(AB)
XPA2	19-7	2120	12194	Tue	04071 00208 10045 ... 73517 15072 12360	MFSK-16/20Bd	(AB)
XPA2	19-7	2140	10794	Tue	04071 00208 10045 ... 73517 15072 12360	MFSK-16/20Bd	(AB)
XPA2	20-7	0700	12148	Wed	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)

XPA2	20-7	0720	13448	Wed	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	20-7	0740	13948	Wed	02838 00122 92042 ... 16673 45056 40765	MFSK-16/20Bd	(AB)
XPA2	20-7	0910	16296	Wed	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB/HFD)
XPA2	20-7	0930	14981	Wed	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB/HFD)
XPA2	20-7	0950	13953	Wed	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB/HFD)
XPA2	20-7	1100	17435	Wed	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)
XPA2	20-7	1120	16235	Wed	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)
XPA2	20-7	1140	14935	Wed	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)
XPA2	20-7	2100	12124	Wed	04540 00156 68367 ... 86310 16349 15335	MFSK-16/20Bd	(AB)
XPA2	20-7	2120	11124	Wed	04540 00156 68367 ... 86310 16349 15335	MFSK-16/20Bd	(AB)
XPA2	20-7	2140	10624	Wed	04540 00156 68367 ... 86310 16349 15335	MFSK-16/20Bd	(AB)
XPA2	21-7	0500	10243	Thu	08854 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	21-7	0520	11143	Thu	08854 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	21-7	0540	12143	Thu	08854 00001 00000 37265	MFSK-16/20Bd	(AB)
XPA2	21-7	0910	13445	Thu	09051 00001 00000 31666	MFSK-16/20Bd	(AB)
XPA2	21-7	0930	12145	Thu	09051 00001 00000 31666	MFSK-16/20Bd	(AB)
XPA2	21-7	0950	11545	Thu	09051 00001 00000 31666	MFSK-16/20Bd	(AB)
XPA2	21-7	1100	17435	Thu	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB/MPJ)
XPA2	21-7	1120	16235	Thu	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB/MPJ)
XPA2	21-7	1140	14935	Thu	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB/MPJ)
XPA2	21-7	1600	13538	Thu	06975 00001 00000 40265	MFSK-16/20Bd	(AB)
XPA2	21-7	1620	14438	Thu	06975 00001 00000 40265	MFSK-16/20Bd	(AB)
XPA2	21-7	1640	14938	Thu	06975 00001 00000 40265	MFSK-16/20Bd	(AB)
XPA2	22-7	0800	13391	Fri	04892 00001 00000 36265	MFSK-16/20Bd	(AB)
XPA2	22-7	0820	13891	Fri	04892 00001 00000 36265	MFSK-16/20Bd	(AB)
XPA2	22-7	0840	14891	Fri	04892 00001 00000 36265	MFSK-16/20Bd	(AB)
XPA2	22-7	1100	14958	Fri	04671 00001 00000 34663	MFSK-16/20Bd	(AB)
XPA2	22-7	1120	13958	Fri	04671 00001 00000 34663	MFSK-16/20Bd	(AB)
XPA2	22-7	1140	12158	Fri	04671 00001 00000 34663	MFSK-16/20Bd	(AB)
XPA2	22-7	2100	12124	Fri	04540 00156 68367 ... 86310 16349 15335	MFSK-16/20Bd	(AB)
XPA2	22-7	2120	11124	Fri	04540 00156 68367 ... 86310 16349 15335	MFSK-16/20Bd	(AB)
XPA2	22-7	2140	10624	Fri	04540 00156 68367 ... 86310 16349 15335	MFSK-16/20Bd	(AB)
XPA2	23-7	0910	13445	Sat	08387 00001 00000 36270	MFSK-16/20Bd	(AB)
XPA2	23-7	0930	12145	Sat	08387 00001 00000 36270	MFSK-16/20Bd	(AB)
XPA2	23-7	0950	11545	Sat	08387 00001 00000 36270	MFSK-16/20Bd	(AB)
XPA2	23-7	1500	13954	Sat	02763 00001 00000 36260	MFSK-16/20Bd	(AB/MPJ)
XPA2	23-7	1520	12154	Sat	02763 00001 00000 36260	MFSK-16/20Bd	(AB/MPJ)
XPA2	23-7	1540	11454	Sat	02763 00001 00000 36260	MFSK-16/20Bd	(AB/MPJ)
XPA2	24-7	0800	13391	Sun	05191 00001 00000 32266	MFSK-16/20Bd	(AB)
XPA2	24-7	0820	13891	Sun	05191 00001 00000 32266	MFSK-16/20Bd	(AB)
XPA2	24-7	0840	14891	Sun	05191 00001 00000 32266	MFSK-16/20Bd	(AB)
XPA2	24-7	2100	13394	Sun	04071 00208 10045 ... 73517 15072 12360	MFSK-16/20Bd	(AB)

XPA2	24-7	2120	12194	Sun	04071 00208 10045 ... 73517 15072 12360	MFSK-16/20Bd	(AB)
XPA2	24-7	2140	10794	Sun	04071 00208 10045 ... 73517 15072 12360	MFSK-16/20Bd	(AB)
XPA2	25-7	0700	12148	Mon	01360 00122 44781 ... 24697 38573 15777	MFSK-16/20Bd	(AB)
XPA2	25-7	0720	13448	Mon	01360 00122 44781 ... 24697 38573 15777	MFSK-16/20Bd	(AB)
XPA2	25-7	0740	13948	Mon	01360 00122 44781 ... 24697 38573 15777	MFSK-16/20Bd	(AB)
XPA2	25-7	0910	16296	Mon	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	25-7	0930	14981	Mon	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	25-7	0950	13953	Mon	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	25-7	1500	13954	Mon	00335 00155 11821 ... 33947 39168 33556	MFSK-16/20Bd	(AB/MPJ)
XPA2	25-7	1520	12154	Mon	00335 00155 11821 ... 33947 39168 33556	MFSK-16/20Bd	(AB/MPJ)
XPA2	25-7	1540	11454	Mon	00335 00155 11821 ... 33947 39168 33556	MFSK-16/20Bd	(AB/MPJ)
XPA2	26-7	0500	10243	Tue	03551 00201 87613 ... 48353 49309 23420	MFSK-16/20Bd	(AB)
XPA2	26-7	0520	11143	Tue	03551 00201 87613 ... 48353 49309 23420	MFSK-16/20Bd	(AB)
XPA2	26-7	0540	12143	Tue	03551 00201 87613 ... 48353 49309 23420	MFSK-16/20Bd	(AB)
XPA2	26-7	1100	14958	Tue	05258 00114 25853 ... 07197 50672 01150	MFSK-16/20Bd	(AB)
XPA2	26-7	1120	13958	Tue	05258 00114 25853 ... 07197 50672 01150	MFSK-16/20Bd	(AB)
XPA2	26-7	1140	12158	Tue	05258 00114 25853 ... 07197 50672 01150	MFSK-16/20Bd	(AB)
XPA2	26-7	1600	13538	Tue	00888 00189 24636 ... 74611 34917 17061	MFSK-16/20Bd	(AB)
XPA2	26-7	1620	14438	Tue	00888 00189 24636 ... 74611 34917 17061	MFSK-16/20Bd	(AB)
XPA2	26-7	1640	14938	Tue	00888 00189 24636 ... 74611 34917 17061	MFSK-16/20Bd	(AB)
XPA2	26-7	2100	13394	Tue	00839 00268 30737 ... 48933 60575 30436	MFSK-16/20Bd	(AB/RL)
XPA2	26-7	2120	12194	Tue	00839 00268 30737 ... 48933 60575 30436	MFSK-16/20Bd	(AB)
XPA2	26-7	2140	10794	Tue	00839 00268 30737 ... 48933 60575 30436	MFSK-16/20Bd	(AB)
XPA2	27-7	0700	12148	Wed	01360 00122 44781 ... 24697 38573 15777	MFSK-16/20Bd	(AB)
XPA2	27-7	0720	13448	Wed	01360 00122 44781 ... 24697 38573 15777	MFSK-16/20Bd	(AB)
XPA2	27-7	0740	13948	Wed	01360 00122 44781 ... 24697 38573 15777	MFSK-16/20Bd	(AB)
XPA2	27-7	0910	16296	Wed	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	27-7	0930	14981	Wed	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	27-7	0950	13953	Wed	02593 00058 45529 ... 92854 92547 73702	MFSK-16/20Bd	(AB)
XPA2	27-7	1100	17435	Wed	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)
XPA2	27-7	1120	16235	Wed	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)
XPA2	27-7	1140	14935	Wed	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)
XPA2	27-7	2100	12124	Wed	05711 00206 94806 ... 82037 30713 52355	MFSK-16/20Bd	(AB)
XPA2	27-7	2120	11124	Wed	05711 00206 94806 ... 82037 30713 52355	MFSK-16/20Bd	(AB/RL)
XPA2	27-7	2140	10624	Wed	05711 00206 94806 ... 82037 30713 52355	MFSK-16/20Bd	(AB/RL)
XPA2	28-7	0500	10243	Thu	03551 00201 87613 ... 48353 49309 23420	MFSK-16/20Bd	(AB)
XPA2	28-7	0520	11143	Thu	03551 00201 87613 ... 48353 49309 23420	MFSK-16/20Bd	(AB)
XPA2	28-7	0540	12143	Thu	03551 00201 87613 ... 48353 49309 23420	MFSK-16/20Bd	(AB)
XPA2	28-7	0910	13445	Thu	08813 00195 80318 ... 37251 54687 72203	MFSK-16/20Bd	(AB)
XPA2	28-7	0930	12145	Thu	08813 00195 80318 ... 37251 54687 72203	MFSK-16/20Bd	(AB)
XPA2	28-7	0950	11545	Thu	08813 00195 80318 ... 37251 54687 72203	MFSK-16/20Bd	(AB)
XPA2	28-7	1100	17435	Thu	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)

XPA2	28-7	1120	16235	Thu	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)
XPA2	28-7	1140	14935	Thu	03231 00039 19888 ... 63969 63188 00774	MFSK-16/20Bd	(AB)
XPA2	28-7	1600	13538	Thu	00888 00189 24636 ... 74611 34917 17061	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-7	1620	14438	Thu	00888 00189 24636 ... 74611 34917 17061	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-7	1640	14938	Thu	00888 00189 24636 ... 74611 34917 17061	MFSK-16/20Bd	(AB/MPJ)
XPA2	29-7	0800	13391	Fri	00887 00102 16438 ... 22689 51166 07004	MFSK-16/20Bd	(AB)
XPA2	29-7	0820	13891	Fri	00887 00102 16438 ... 22689 51166 07004	MFSK-16/20Bd	(AB)
XPA2	29-7	0840	14891	Fri	00887 00102 16438 ... 22689 51166 07004	MFSK-16/20Bd	(AB)
XPA2	29-7	1100	14958	Fri	05258 00114 25853 ... 07197 50672 01150	MFSK-16/20Bd	(AB/MPJ)
XPA2	29-7	1120	13958	Fri	05258 00114 25853 ... 07197 50672 01150	MFSK-16/20Bd	(AB/MPJ)
XPA2	29-7	1140	12158	Fri	05258 00114 25853 ... 07197 50672 01150	MFSK-16/20Bd	(AB/MPJ)
XPA2	29-7	2100	12124	Fri	05711 00206 94806 ... 82037 30713 52355	MFSK-16/20Bd	(AB)
XPA2	29-7	2120	11124	Fri	05711 00206 94806 ... 82037 30713 52355	MFSK-16/20Bd	(AB)
XPA2	29-7	2140	10624	Fri	05711 00206 94806 ... 82037 30713 52355	MFSK-16/20Bd	(AB/RL)
XPA2	30-7	0910	13445	Sat	08813 00195 80318 ... 37251 54687 72203	MFSK-16/20Bd	(AB)
XPA2	30-7	0930	12145	Sat	08813 00195 80318 ... 37251 54687 72203	MFSK-16/20Bd	(AB)
XPA2	30-7	0950	11545	Sat	08813 00195 80318 ... 37251 54687 72203	MFSK-16/20Bd	(AB)
XPA2	30-7	1500	13954	Sat	00335 00155 11821 ... 33947 39168 33556	MFSK-16/20Bd	(AB)
XPA2	30-7	1520	12154	Sat	00335 00155 11821 ... 33947 39168 33556	MFSK-16/20Bd	(AB)
XPA2	30-7	1540	11454	Sat	00335 00155 11821 ... 33947 39168 33556	MFSK-16/20Bd	(AB)
XPA2	31-7	0800	13391	Sun	00887 00102 16438 ... 22689 51166 07004	MFSK-16/20Bd	(AB)
XPA2	31-7	0820	13891	Sun	00887 00102 16438 ... 22689 51166 07004	MFSK-16/20Bd	(AB)
XPA2	31-7	0840	14891	Sun	00887 00102 16438 ... 22689 51166 07004	MFSK-16/20Bd	(AB)
XPA2	31-7	2100	13394	Sun	00839 00268 30737 ... 48933 60575 30436	MFSK-16/20Bd	(AB/RL)
XPA2	31-7	2120	12194	Sun	00839 00268 30737 ... 48933 60575 30436	MFSK-16/20Bd	(AB)
XPA2	31-7	2140	10794	Sun	00839 00268 30737 ... 48933 60575 30436	MFSK-16/20Bd	(AB)
XPB1	2-7	1100	13884	Sat	Russian intel.	MFSK-16	(AB)
XPB1	2-7	1120	12184	Sat	Russian intel.	MFSK-16	(AB)
XPB1	2-7	1120	13384	Sat	Russian intel.	MFSK-16	(AB)
XPB1	2-7	1130	11584	Sat	Russian intel.	MFSK-16	(AB)
XPB1	2-7	1140	11084	Sat	Russian intel.	MFSK-16	(AB)
XPB1	2-7	1150	10584	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	2-7	1200	15876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	2-7	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	2-7	1250	12176	Sat	Russian intel.	MFSK-16	(AB)
XPB1	3-7	1900	14644	Sun	Russian intel.	MFSK-16	(AB)
XPB1	3-7	1910	13444	Sun	Russian intel.	MFSK-16	(AB)
XPB1	3-7	1920	12144	Sun	Russian intel.	MFSK-16	(AB)
XPB1	3-7	1930	11044	Sun	Russian intel.	MFSK-16	(AB)
XPB1	3-7	1940	10344	Sun	Russian intel.	MFSK-16	(AB)
XPB1	3-7	1950	9244	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4-7	0500	11168	Mon	Russian intel.	MFSK-16	(AB/HFD)



<b>XPB1</b>	4-7	0510	11468	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	0520	12168	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	0530	13368	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	0540	13969	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	0550	14569	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	1200	15876	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	1210	14876	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	1220	14376	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	1230	13976	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	1240	13376	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	4-7	1250	12176	Mon	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5-7	0500	11168	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	5-7	0510	11468	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	5-7	0520	12168	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	5-7	0530	13368	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	5-7	0540	13969	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	5-7	0550	14569	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	5-7	1900	14644	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5-7	1910	13444	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5-7	1920	12144	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5-7	1930	11044	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5-7	1940	10344	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	5-7	1950	9244	Tue	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	6-7	1100	13884	Wed	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	6-7	1120	12184	Wed	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	6-7	1120	13384	Wed	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	6-7	1130	11584	Wed	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	6-7	1140	11084	Wed	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	6-7	1150	10584	Wed	Russian intel.	MFSK-16	(AB/HFD)
<b>XPB1</b>	9-7	1100	13884	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	9-7	1120	12184	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1120	13384	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1130	11584	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1140	11084	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1150	10584	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1200	15876	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1210	14876	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1220	14376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1230	13976	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	9-7	1250	12176	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	10-7	1900	14644	Sun	Russian intel.	MFSK-16	(AB)

<b>XPB1</b>	10-7	1910	13444	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	10-7	1920	12144	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	10-7	1930	11044	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	10-7	1940	10344	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	10-7	1950	9244	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	0500	11168	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	0510	11468	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	0520	12168	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	0530	13368	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	0540	13969	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	0550	14569	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	1230	13976	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	11-7	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	0500	11168	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	0510	11468	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	0520	12168	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	0530	13368	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	0540	13969	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	0550	14569	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	1900	14644	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	1910	13444	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	1920	12144	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	1930	11044	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	1940	10344	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	12-7	1950	9244	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	13-7	1100	13884	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	13-7	1120	12184	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	13-7	1120	13384	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	13-7	1130	11584	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	13-7	1140	11084	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	13-7	1150	10584	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1100	13884	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	16-7	1120	12184	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1120	13384	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1130	11584	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1140	11084	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1150	10584	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1200	15876	Sat	Russian intel.	MFSK-16	(AB)



<b>XPB1</b>	16-7	1210	14876	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1220	14376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1230	13976	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	16-7	1250	12176	Sat	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	17-7	1900	14644	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17-7	1910	13444	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17-7	1920	12144	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17-7	1930	11044	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17-7	1940	10344	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	17-7	1950	9244	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	0500	11168	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	0510	11468	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	0520	12168	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	0530	13368	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	0540	13969	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	0550	14569	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	1230	13976	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	18-7	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	0500	11168	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	0510	11468	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	0520	12168	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	0530	13368	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	0540	13969	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	0550	14569	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	1900	14644	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	1910	13444	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	1920	12144	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	1930	11044	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	1940	10344	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	19-7	1950	9244	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	20-7	1100	13884	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	20-7	1120	12184	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	20-7	1120	13384	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	20-7	1130	11584	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	20-7	1140	11084	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	20-7	1150	10584	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	20-7	1210	14876	Wed	Russian intel.	MFSK-16	(AB)

<b>XPB1</b>	20-7	1220	14376	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	20-7	1230	13976	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1100	13884	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1120	12184	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1120	13384	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1130	11584	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1140	11084	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1150	10584	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1200	15876	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1210	14876	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1220	14376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1230	13976	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	23-7	1250	12176	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-7	1900	14644	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-7	1910	13444	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-7	1920	12144	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-7	1930	11044	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-7	1940	10344	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	24-7	1950	9244	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	0500	11168	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	0510	11468	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	0520	12168	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	0530	13368	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	0540	13969	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	0550	14569	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	1200	15876	Mon	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	25-7	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	1230	13976	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	25-7	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	0500	11168	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	0510	11468	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	0520	12168	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	0530	13368	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	0540	13969	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	0550	14569	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	1900	14644	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	1910	13444	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	1920	12144	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	1930	11044	Tue	Russian intel.	MFSK-16	(AB)

<b>XPB1</b>	26-7	1940	10344	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	26-7	1950	9244	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-7	1100	13884	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-7	1120	12184	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-7	1120	13384	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-7	1130	11584	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-7	1140	11084	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-7	1150	10584	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1100	13884	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1120	12184	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1120	13384	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1130	11584	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1140	11084	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1150	10584	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1200	15876	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1210	14876	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1220	14376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1230	13976	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-7	1250	12176	Sat	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	31-7	1900	14644	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	31-7	1910	13444	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	31-7	1920	12144	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	31-7	1930	11044	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	31-7	1940	10344	Sun	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	31-7	1950	9244	Sun	Russian intel.	MFSK-16	(AB)

## CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-FIN	Ary Boender via remote rx Finland
AB-J	Ary Boender via remote rx Japan
AB-POL	Ary Boender via remote rx Poland
AB-RUS	Ary Boender via remote rx Russia
AB-TWN	Ary Boender via remote rx Taiwan
AB-USA	Ary Boender via remote rx USA
Anon	Anonymous
Dan	Daniel LU5EMM, Argentina
Dan-J	Daniel LU5EMM via remote rx Japan
DW-MD	Dave Wright, MD, USA
EW	Eddy Waters, Australia
FD	Full Day Waterfall, University Twente SDR
HFD	Hans-Friedrich Dumrese, Germany
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
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)
JPL-RUS	JPL via remote rx Russia
Mario	Mario
Mario-J	Mario via remote rx Japan
Moon	Moonlight (Dave AU)
MPJ	Jim, SW England
MPJ-AUT	Jim via remote rx Austria
MPJ-FIN	Jim via remote rx Finland
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
MPJ-POL	Jim via remote rx Poland
PY	Pierre Ynard, France and via remote rx
RL	Roberto Landolpho, Brazil
RL-HOL	Roberto Landolpho via remote rx Netherlands
RO	Rando One, Sweden
RR2	Rich Ray, IL, USA
T101	RadiotekhnikaT101 via Priyom

## APPENDIX

### Designators of active stations

#### Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrid 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
SK	Various modes used by Cuba, incl. (B)PSK, WinDRM
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

Code	Language	Origin	Related stations
E06	English	Russia	G06, G06b, 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, G06b, S06, S06b, S06c, M14, F01, F06, F06a
G06b	German	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06, F06a
S06	Russian	Russia	E06, G06, G06b, S06b, S06c, M14, F01, F06, F06a
S06b	Russian	Russia	E06, G06, G06b, S06, S06c, M14, F01, F06, F06a
S06c	Russian	Russian	E06, G06, G06b, 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

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, G06b, 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	
UM04	Morse	Bulgaria	PROMRÖ daily schedule
UM10	Morse	?	

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F06, F06a
F02	4FSK	Russia	
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
SK01	Various	Cuba	
X06	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06a	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06b	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06c	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06d	CW	Russia	X06a, X06b, X06c, X06d
XPA	MFSK-20	Russia	E07, V07, M12, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, M12, XPA1, XPB1
XPB1	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2

### Figures and words used by the various numbers stations

#### Cut numbers

Chinese cut numbers      A U 3 4 5 6 7 D N T  
(M89, M95, MC03, etc)    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

Q26 conversion            F J B P G U Y M C W  
                                  0 1 2 3 4 5 6 7 8 9

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

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

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



## COLOPHON

"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.

All information in this newsletter was submitted by independent radio monitors or has been obtained from public available sources and public sites on the web. Wherever data was obtained via the web or elsewhere, references and/or links to these sources have been noted.

Google Earth images: Copyright © Google

Portions of this newsletter may be used in electronic or printed hobby bulletins without prior approval so long as "Numbers & Oddities" is credited as the source. This newsletter may NOT be utilized, partly or wholly, in any other COMMERCIAL media format without the written permission of the Editor. Any breach of this may result in action under international copyright legislation.

### Relevant mailing lists and websites:

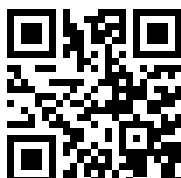
NUMBERS & ODDITIES	<a href="http://www.numbersoddities.nl">http://www.numbersoddities.nl</a>
SPY NUMBERS ONLINE DATABASE	<a href="http://www.spynumbers.com/numbersDB">http://www.spynumbers.com/numbersDB</a>
UDXF - UTILITY DXERS FORUM	<a href="http://www.udxf.nl">http://www.udxf.nl</a>
HF UNDERGROUND	<a href="http://www.hfunderground.com/board/">http://www.hfunderground.com/board/</a>
PRIYOM	<a href="http://priyom.org/">http://priyom.org/</a>
ENIGMA	<a href="http://www.signalshed.com/">http://www.signalshed.com/</a>
NUMBERS STATIONS SCHEDULES	<a href="http://priyom.org/number-stations/station-schedule">http://priyom.org/number-stations/station-schedule</a>

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

To become a Spooks member go to <http://mailman.qth.net/mailman/listinfo/spooks> fill in the form and follow the instructions that will be mailed to you.

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  
67 87432 74328 78674 29867 32867 67867 86786 43276 486  
67 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  
867 32787 58765 76587 58765 76587 58765 76587 58756 765  
86743 76587 76587 76587 76587 76587 76587 76587 76587 76587

N&O



UDXF

