

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

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #293, February 2022

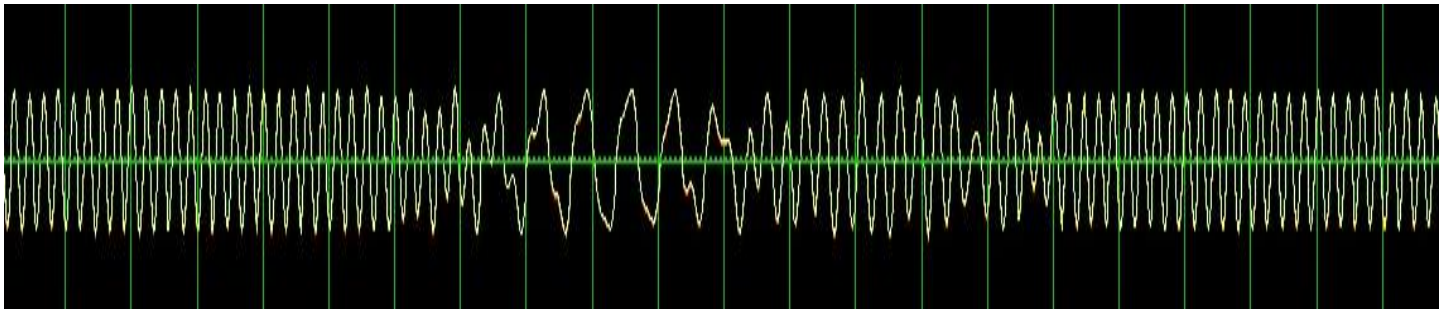
Editor: Ary Boender email: udxf@udxf.nl
 Numbers & Oddities <http://www.numbersoddities.nl>

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

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



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FOREWORD

Our thoughts and prayers are with the people of Ukraine. We hope that the war will be over soon.

After Russia attacked and invaded Ukraine, the S06s and E17z transmissions stopped. The radio war continued, now mostly against Russia and Putin. We included some traffic from Russian military in Ukraine and various Ukrainian resistance jammers in this edition of N&O.

It seems that we have lost E07a. It was silent in February. Znayma from Russia however returned after a holiday of several months.

We're pleased that we can include *Reports from the Polish archives, part II* it is as interesting as the first part.

Podcasts that might be of interest to you:

Podcasts about the Ukrainian-Russian conflict. Language: English

<https://ukraineworld.org/podcasts>

Podcasts about the AIVD, the General Intelligence and Security Service of the Netherlands. Language: Dutch.

<https://podcastluisteren.nl/pod/De-Dienst>

Podcasts about the Cold War. Language: English

<https://www.historyofthecoldwarpodcast.com/episode-categories/>

<https://www.lse.ac.uk/ideas/projects/cold-war-studies/podcast>

You may also like this video:

The Secret Spy Antennas High Above The Streets Of London

<https://www.youtube.com/watch?v=Gc8aEBZfwwA>

VOICE STATIONS

E06

20085 kHz, 03-02/04-02, 0700 UTC

702 684 59

91775 31592 36609 40827 29695 99131 26433 62583 61796 76342
97473 50027 96837 23785 11389 80755 44410 72202 10834 87738
42862 55886 55044 81000 86536 42632 38340 83875 25772 27456
27472 63493 38080 82268 78754 60188 93962 78702 20920 45530
65794 26257 14637 63649 53204 92978 24617 35552 23405 00836
65270 31110 89892 12994 05822 38417 77972 55175 45844
684 59 00000

9463 kHz, 03-02, 0740 UTC . Restarts during the message

801 392 50

61632 59290 83804 28437 91620 81205 90265 30240 73417 80567
71293 18094 34360 34178 86459 42660 66795 73955 21301 36385
31756 74083 66830 29802 34225 96074 88600 15586 37167 27683
65000 58804 06522 76596 99482 76793 04329 04854 36401 37097
72200 14926 35151 46922 72304 23387 82295 32516 78056 83129
392 50 00000

9371 kHz, 08-02, 1145 UTC

352 694 51

96906 85458 66315 62760 39232 84930 15690 33691 33998 58452
77374 90508 50196 50666 47984 58353 98847 18318 94432 62687
36737 67659 34664 01704 72184 02091 69654 75079 52571 78512
58867 30012 38280 95785 56357 10484 92753 63776 49706 20684
43353 26391 68974 38524 92702 37062 57860 40197 85214 10109
24262
694 51 00000

17470/20085 kHz, 17-02/18-02, 0600/0700 UTC

702 934 51
58378 42024 81437 56213 01065 26296 92828 42436 75522 92774
96081 12537 92752 00356 80093 57939 20606 14431 77552 45773
88163 22576 12151 98578 03510 17138 80267 46471 33313 86903
78064 06361 17664 85040 09922 67906 18607 65488 39172 90899
25794 05003 67040 43757 67711 53021 50762 37819 01908 76563
96782
934 51 00000

6792 kHz, 19-02, 1540 UTC. Several restarts. Incomplete recording

910 647 23
96616 54259 _____
_____ 59122 74350
56130 70131 75027
647 23 00000

Group Count Cycle net

10628/14364 kHz, 01-02, 0210/0310 UTC

537 860 41
31584 36358 64045 45905 19019 62190 83675 32235 70759 17351
21735 33729 33724 07202 33923 48292 69480 74812 86728 39105
22624 61594 54371 88089 31832 81318 82642 83835 13281 55953
61818 54951 71110 86745 75851 84747 14635 59006 20016 68221
86969
860 41 00000

10628/14364 kHz, 03-02/04-02, 0210/0310 UTC

537 196 42
43863 68863 61378 52842 36263 17206 32744 47697 49400 20863
59156 11690 85559 65361 13724 12777 71611 95472 47430 16502
63372 05785 85737 87747 48116 22000 78798 60549 87413 83878
59970 49425 67492 65796 92316 00633 49304 95828 07791 06813
35487 59307
196 42 00000

10628/14364 kHz, 14-02/15-02, 0210/0310 UTC

537 208 43
14424 46797 42649 97037 95620 01756 23555 38281 16179 30046
61537 56068 70548 59454 48240 47161 10303 61594 85455 14150
91521 07564 57162 94393 63285 29170 29404 28134 51973 59155
45173 01701 21044 48873 06515 26753 10996 86829 61013 41495
89191 66551 34877
208 43 00000

10628/14364 kHz, 21-02/22-02, 0210/0310 UTC

537 169 44
56269 15988 50390 04496 25754 11988 99344 24408 52864 44570
43810 36430 71129 75014 33322 78944 00956 22810 27607 36983
74499 58763 05875 07448 55554 73208 51604 41789 46651 80246
17501 89547 00555 43960 00322 91223 78332 37539 80249 93894
21203 71252 04503 88023
169 44 00000

10628/14364 kHz, 28-02, 0210/0310 UTC

537 820 45
66301 39663 80573 35652 88690 92229 77277 42324 06865 52381
50504 01177 16570 37390 54367 96518 83072 67227 31861 34017
63206 43511 53354 51924 55240 67614 50890 11306 43767 33876
27966 63707 31808 58837 49494 19707 77302 32461 41629 66775
76181 02252 56131 09901 59215
820 45 00000

15683/13373 kHz, 03-02/04-02, 0300/0400 UTC

361 287 33
53032 24966 90682 80861 21595 08784 58814 86966 80426 49829
25357 60535 23938 02669 50616 15477 58572 58951 65076 40416
83475 69569 73956 90235 91988 70825 81792 77724 73614 13039
29221 26255 21163
287 33 00000

15683/13373 kHz, 10-02/11-02, 0300/0400 UTC

361 950 34
40150 86731 06896 31436 34857 91226 72752 20490 93330 21414
71659 49315 81075 39064 58736 99829 14290 33248 94747 27890
07394 26732 21811 60556 53078 44958 52081 58288 27061 08574
74120 65528 34732 35425
950 34 00000

15683/13373 kHz, 17-02/18-02, 0300/0400 UTC

361 247 35
52570 25224 48298 18116 41405 63739 04291 73648 89394 17726
56442 05538 04804 76047 61732 37044 70703 62909 60514 41479
86437 13984 00841 82628 63499 24494 22671 54498 17973 80214
56614 93798 26758 07319 16918
247 35 00000

15683/13373 kHz, 24-02/25-02, 0300/0400 UTC

361 589 36
18059 99759 66081 30634 62491 14047 92176 04633 01172 06244
24001 02221 02818 89939 54467 87832 63994 94903 42170 78156
61670 48629 12826 18053 76573 11868 30722 06579 67044 66617
32383 34036 98048 79979 39619 16003
589 36 00000

E06b

10755 kHz, 02-02, 0840 UTC. Several restarts during the message

975 46918 164 30
74119 83038 37780 67806 52487 38418 54536 61714 26863 05457
20516 20464 39347 34188 58526 96240 16711 62450 52652 58968
30962 37460 49888 73174 27583 75765 53658 34378 51136 10022
164 30 00000

E07

13368/12168/11168 kHz, 03-02/05-02, 1410/1430/1450 UTC

745 745 745 1 1669 54 1669 54
94427 26640 70366 62095 92940 78293 05549 86767 41884 38247
47035 35355 97680 02052 63529 96986 68611 89585 57748 37799
92423 24768 35652 80229 72461 30759 59607 63243 26704 17762
08359 27213 77431 89279 72019 45847 27809 10227 82107 08850
71422 64499 27594 87923 63401 99441 76572 80147 45992 11765
89470 31262 51037 29048 000 000

15823/16323/16323 kHz, 08-02/11-02, 0700/0720/0740 UTC

836 836 836 1 3398 101 3398 101
53614 82271 96046 57240 16279 41161 13453 93606 68129 07414
29968 39261 19046 47258 23794 98896 23193 77542 56473 20379
62131 32874 99143 45863 07725 59234 87792 93661 72599 98133
46040 59048 51456 27307 17120 14847 65215 10370 76933 39582
76980 14514 77187 25898 89818 36460 87558 24698 34039 66295
70411 19215 31980 10887 08522 51322 09131 39383 48165 32386
45291 39034 16982 33580 34149 47679 02137 19974 27010 03193
57159 45533 28295 04822 04237 26902 73979 72513 63386 56998
13015 95601 99131 10824 92450 63698 64862 42891 04557 96333
04146 28642 23342 72069 12441 29379 28468 64000 64330 92080
39195 000 000

8144/6944/5744 kHz, 09-02/13-02, 1800/1820/1840 UTC

197 197 197 1 454 49 454 49
42523 53714 77261 03801 22377 45423 81418 45983 02506 24035
55737 34957 85570 95505 94457 52700 40744 38962 04336 14151
85002 68861 55090 81055 10852 51085 61156 03170 90280 55994
97906 02958 69044 34187 75189 42874 36089 61540 41958 04184
88679 65863 44859 77321 01651 34357 99217 87316 94942 000 000

11464/10764/9264 kHz, 12-02, 1400/1420/1440 UTC

472 472 472 1 699 85 699 85
68706 80703 83693 03195 18107 04583 83281 25142 73168 76984
10080 96056 21112 85640 33086 58958 26563 91528 55700 55604
62958 58828 82890 74298 88667 03510 87724 16977 10314 17313
14524 49549 54304 27245 21002 37574 75495 27719 65964 99333
93796 33347 67212 10730 85381 35059 03278 46329 69278 63204
62876 69286 00440 21973 34524 05375 05580 87739 72242 77951
43526 25557 63486 63374 88940 59707 94594 68608 39781 23918
11024 03718 58164 47200 01014 83830 05616 10564 45062 06924
39120 46505 45227 20261 49877 000 000

9326/10426/11526 kHz, 13-02, 0700/0720/0740 UTC

345 345 345 1 699 85 699 85
68706 80703 83693 03195 18107 04583 83281 25142 73168 76984
10080 96056 21112 85640 33086 58958 26563 91528 55700 55604
62958 58828 82890 74298 88667 03510 87724 16977 10314 17313
14524 49549 54304 27245 21002 37574 75495 27719 65964 99333
93796 33347 67212 10730 85381 35059 03278 46329 69278 63204
62876 69286 00440 21973 34524 05375 05580 87739 72242 77951
43526 25557 63486 63374 88940 59707 94594 68608 39781 23918
11024 03718 58164 47200 01014 83830 05616 10564 45062 06924
39120 46505 45227 20261 49877 000 000

13368/12168/11168 kHz, 17-02/19-02, 1410/1430/1450 UTC

745 745 745 1 9881 78 9881 78
80613 17224 08043 95499 51792 22603 10924 06227 41404 23093
52362 04011 86626 34239 13784 40079 45291 01893 36968 56782
77268 48385 25422 18186 45585 94068 91305 70068 50417 15734
15788 19413 77291 82714 65481 62627 04119 42472 26890 05159
65447 04664 13162 46711 44743 82395 48205 66558 91074 24413
83113 25319 81107 63669 36272 58474 02488 55964 25725 79001
10812 24432 42945 80580 63300 88955 24099 43278 85899 80515
97159 38262 58361 59360 44050 25248 60267 24511 000 000

15823/16323/16323 kHz, 22-02/25-02, 0700/0720/0740 UTC

836 836 836 1 1361 65 1361 65
53501 94010 10411 21941 88518 97900 14584 56805 07153 10185
45575 62618 20601 10983 35407 42461 75332 91471 81316 62304
48727 89551 18991 99214 30097 61423 10292 05597 43135 15706
00850 50869 47590 46501 30787 59047 58561 12928 42211 25586
69538 81649 13413 89905 32424 56687 76061 60322 03404 29699
09084 22477 43052 82260 46035 95578 61111 02724 36134 20070
56538 72063 22420 23634 25382 000 000

8144/6944/5744 kHz, 23-02/27-02, 1800/1820/1840 UTC

197 197 197 1 3831 88 3831 88
23590 77059 30166 75817 08341 84248 77005 55540 33367 64652
24825 83481 83237 83256 67684 71651 13536 60676 44840 40530
02991 23835 17218 88743 41114 61155 78393 10879 52169 42656
82050 73620 86677 79904 26449 92015 90831 99936 08789 65391
31948 83986 87894 12502 30215 80960 04276 87687 89518 49811
38873 58644 20321 78634 73992 54983 19223 28135 16331 34852
21595 55398 96858 09691 76419 95001 90307 38619 32709 55018
01027 38894 72312 73501 73213 92457 87219 76910 77952 80317
12896 96821 54581 69582 86633 40483 98627 63615 000 000

4146 kHz, 02-02, 1930 UTC Active with message
4073 kHz, 03-02, 1930 UTC Active with message
4073 kHz, 04-02, 1930 UTC Active with message

4016 kHz, 05-02, 1930 UTC

121/26 Attention
51894 10851 98450 30654 19845 06501 64841 01650 68541 84116
51848 45056 06565 41848 61647 84561 06589 46513 20456 14865
06561 96841 10651 65418 41187 87465
Attention (message repeated) Out

4099 kHz, 06-02, 1930 UTC

121/25 Attention
96835 42897 63542 89763 54289 70564 38097 56489 70564 09786
34890 73542 97035 47809 68543 67835 42768 35427 68352 68793
25876 93524 68975 42389 65426
Attention (message repeated) Out

4146 kHz, 07-02, 1930 UTC

121/31 Attention
65485 10651 98645 05184 98451 20321 96498 41230 65218 94843
20321 69854 89456 10651 84845 12065 41968 48940 65206 49848
42032 16484 84635 13069 85498 64984 32036 21894 98416 50651
84561
Attention (message repeated) Out

4073 kHz, 08-02, 1930 UTC. Sent 36 groups

121/35 Attention
84568 76778 08367 67776 78832 74264 72758 86763 56661 36145
62567 71776 66667 67677 67957 87058 65767 67646 56654 65526
46476 57782 36465 55645 66409 68677 64567 21178 76666 75634
76645 57882 88381 82747 58095 87770
Attention (message repeated) Out

4016 kHz, 09-02, 1930 UTC

121/31 Attention
77656 37538 75735 76678 78533 00242 90198 28803 83884 88842
77775 73656 71873 89898 00488 58839 19919 18188 94747 88280
17347 84888 79392 76555 25536 26567 95875 66761 65307 66661
75431
Attention (message repeated) Out

4909 kHz, 13-02, 1020 UTC

121/33 Attention
91506 51848 41206 21984 77496 54106 51498 49416 50620 51988
48132 06521 48941 60058 18484 50652 19484 10569 84165 01498
49847 41408 97797 94156 19684 82187 49162 09651 98494 16656
49840 65289 84560
Attention (message repeated) Out

4016 kHz, 12-02, 2025 UTC

121/22 Attention
78954 68795 46368 75497 63426 75456 73427 68345 86953 46687
93528 75146 58742 76895 43694 35685 28673 25785 25347 68456
78943 56789
Attention (messages repeated) Out

4073 kHz, 14-02, 2025 UTC

121/20 Attention

60286 20672 96482 65438 99001 09178 18289 68760 10561 87031

56105 56708 79810 97567 39101 98573 95159 20879 75608 93955

Attention (message repeated) Out

Regular transmissions

9130 kHz, 01-02/04-02, 0715 UTC

630/38 Attention

77654 68094 88914 01971 66320 70907 34262 29945 86229 32592

43677 99701 93334 66687 28073 59624 40038 66530 68758 31191

03856 64926 85312 29505 24472 91371 47666 22030 19745 32835

20984 34683 99063 55128 84977 07497 46305 87446

Attention (message repeated) Out

6433 kHz, 01-02/02-02, 1205 UTC

464/32 Attention

54390 98445 70366 29631 85036 45081 77707 19319 02619 90082

46224 94589 73040 19105 57947 81874 58837 46932 68037 91046

12951 67968 32829 00022 59432 55178 54173 58665 42167 24667

56629 92551

Attention (message repeated) Out

17378 kHz, 02-02/04-02, 0745 UTC

343/37 Attention

51143 33642 73059 73935 58972 28457 86677 11158 47505 32235

85714 04402 87623 22759 27197 02584 83433 48100 64818 89163

01205 38886 81869 22090 98198 14420 30203 09811 89704 55610

11247 48268 45391 77643 05277 97777 84337

Attention (message repeated) Out

10487 kHz, 04-02/06-02, 1910 UTC

617/37 Attention

55275 32382 06216 34356 29796 29017 71017 12599 27772 06765

08861 93719 20187 52080 49121 75475 60737 43859 86284 27528

98178 78290 27857 42594 78038 85447 24443 34534 42969 92084

29802 68646 36364 29897 37307 48859 26053

Attention (message repeated) Out

4909 kHz, 05-02/06-02, 1530 UTC

360/30 Attention

70581 06113 86963 30436 15139 49891 08198 84045 73998 77918

55048 06064 62866 91664 10878 26815 02312 66724 21880 15683

47514 05509 12807 63814 91106 33784 20808 82646 17486 35107

Attention (message repeated)

10213 kHz, 07-02/10-02, 0745 UTC

264/31 Attention

54929 55818 87723 29320 67974 33658 54518 86915 67929 59485

67637 94688 15429 26011 95953 43268 10748 66646 25432 39040

61029 76461 11205 09762 28590 56739 28967 30267 95596 84570

44561

Attention (message repeated) Out

14940 kHz, 07-02//11-02, 0830 UTC

184/34 Attention

97504 01616 22531 98378 02112 09522 52516 85876 89769 72835

99519 52571 43300 27312 64996 97627 81722 06927 04638 41702

00754 56600 99307 25204 33593 16075 26637 22860 83331 86875

52757 61026 04082 56417

Attention (message repeated) Out

7984 kHz, 07-02/09-02, 1045 UTC

697/30 Attention

08740 35502 24005 05821 84165 57136 02222 49026 89835 68854
19505 06121 26694 07511 81183 00586 59826 98138 41138 41357
29071 62381 66723 30014 50136 74067 23151 48539 85985 90252
Attention (message repeated) Out

7840 kHz, 08-02/10-02, 0645 UTC

514/36 Attention

84130 84063 55479 69863 21816 29258 26688 47866 89193 19825
46981 53092 17217 63360 95504 96777 81436 00863 84288 95899
43789 62492 57694 84335 61893 98319 39649 04649 81229 47919
97604 43555 12902 82808 32789 12616
Attention (message repeated) Out

14611 kHz, 09-02, 0820 UTC

130/31 Attention

24501 63931 36938 21588 17686 36480 65664 70308 97145 95738
65279 71416 30467 00364 21808 45207 00313 73332 93302 12133
11892 57910 72813 35574 38955 59482 28266 93315 04571 79141
34151
Attention (message repeated) Out

5082 kHz, 09-02/11-02, 1715 UTC

976/31 Attention

13118 75275 71332 58078 58970 30209 46667 74346 76881 00879
17854 54286 91291 25778 01503 10634 78564 37829 08473 70807
97366 32353 04286 02334 18310 48972 91571 60911 25117 11153
09704
Attention (message repeated) Out

4505 kHz, 09-02/12-02, 1910 UTC

399/33 Attention

37223 06045 92959 34805 61311 78458 29570 74928 19408 15618
46174 26962 09509 31794 26642 27956 08398 72495 30275 05762
25269 20005 51364 70570 50275 36536 21865 15236 58227 42911
75021 11771 42833
Attention (message repeated) Out

7850 kHz, 11-02/13-02, 0600 UTC

351/36 Attention

58819 16408 93065 22551 20577 05094 15930 61559 44060 85533
38751 02929 34860 15758 06354 59134 61288 10068 93010 77910
24474 65626 41353 33528 93294 87413 31967 82158 26134 75047
81209 17699 23126 51733 28943 33637
Attention (message repeated) Out

6849 kHz, 11-02/13-02, 1815 UTC

921/39 Attention

24281 95180 19197 29070 82665 86802 41118 60543 70992 73793
20812 10108 25763 32723 67917 36546 89902 42004 83738 26443
40502 96255 24694 15389 60042 50536 19899 36589 14734 43865
94331 61187 49027 34194 49857 98284 92666 59453 75977
Attention (message repeated) Out

6849 kHz, 14-02/17-02, 1900 UTC

647/35 Attention

89223 99045 01086 67425 11580 58717 79281 15702 03601 91876
30788 83568 57310 45206 84884 94456 58431 32361 39999 07092
44206 39700 46750 73766 47695 16174 33203 84207 91197 62115
74399 14747 18338 71429 48148
Attention (message repeated) Out

13908 kHz, 15-02/17-02, 0745 UTC

227/36 Attention

44391 65890 20973 98626 28794 68663 08888 51210 79570 72425
30382 21605 58581 35770 37243 00119 78497 70186 72454 48839
50692 55020 33756 68183 26790 64628 93140 47254 64207 37411
31281 65905 53787 29705 67078 42092

Attention (message repeated) Out

13046 kHz, 15-02, 0845 UTC

151/30 Attention

23230 07274 47686 04826 18110 46033 63003 31188 82517 20351
41693 64336 68897 38707 99710 67984 03777 62817 49036 52676
94166 79496 07260 52722 61815 78231 98123 36569 07994 83703

Attention (message repeated) Out

5432 kHz, 15-02/20-02, 1605 UTC

238/39 Attention

28998 76863 35940 72475 59715 48464 93586 14171 38170 24170
40079 62273 56708 85989 15478 63518 21629 69904 50968 76408
95127 67119 58751 26367 31915 49193 29417 02825 81601 95513
10273 89445 13894 25046 33554 37876 69481 24884 41774

Attention (message repeated) Out

9052 kHz, 16-02/17-02, 0315 UTC

255/38 Attention

16871 61058 89971 19515 65788 87020 79651 81906 84929 12348
50681 07439 90821 71482 83261 76271 60183 88475 94331 10108
50326 97713 01236 75713 56064 85250 35712 86321 46934 29924
20399 91762 70729 11460 95452 45614 09292 29777

Attention (message repeated) Out

5149 kHz, 17-02/18-02, 0820 UTC

432/34 Attention

81649 78680 86161 22153 38522 57336 47096 88205 76553 71552
29225 00044 76382 17519 34410 68620 05746 22806 74155 30385
25007 33315 17192 52380 49209 55425 81904 76037 54946 03505
67095 16609 33690 96107

Attention (message repeated) Out

4909 kHz, 21-02/24-02, 0450 UTC

415/31 Attention

97545 78234 65821 78388 09253 16592 45414 59457 28371 03014
72687 58791 50169 86537 12193 02718 90000 65432 52186 11655
05228 15875 73432 30843 13194 87127 57733 11886 68393 24625
04230

Attention (message repeated) Out

16005 kHz. 21-02, 0640 UTC

940/26 Attention

71271 04624 39225 70924 96078 52466 72069 43794 01520 44889
89622 32750 58922 89419 17764 74244 00986 15260 41585 69730
34906 67404 29116 06571 03555 91816

Attention (message repeated) Out

11104 kHz, 21-02, 0715 UTC

757/32 Attention

46110 37933 24276 58713 02784 85787 54414 43336 74525 82145
53408 23515 58068 00861 42675 04847 19167 34956 01260 51392
11042 94475 80862 02284 36853 64668 81314 26760 18912 66935
92367 06138

Attention (message repeated) out

12067 kHz, 21-02, 0845 UTC

719/39 Attention

65312 35731 25756 46659 77456 90518 86271 04478 77702 02841
87986 44790 23440 61515 45695 14630 35652 65507 27966 95905
24966 28929 14167 93864 76465 18280 48426 53032 81718 02258
73545 64278 90446 24273 88235 80272 34311 37263 87094

Attention (message repeated) Out

11092 kHz, 21-02, 0900 UTC

533/33 Attention

70953 25894 97181 78325 27023 82615 32180 96223 95602 46873
45273 38232 12304 57767 85824 48450 14781 65411 88212 13334
11016 56841 74336 91123 28500 41607 27737 18299 16109 65973
38549 51484 82378

Attention (message repeated) Out

4909 kHz, 21-02/24-02, 1300 UTC

316/35 Attention

30817 81672 88134 53990 49309 54107 90521 20267 11766 75833
92244 63490 26939 94211 90681 19961 28912 83324 46365 13795
62096 16160 94664 06910 27038 30309 66260 28470 05816 75051
08236 32606 53112 61177 72131

Attention (message repeated) Out

12924 kHz, 21-02/27-02, 1745 UTC

245/31 Attention

87137 71524 98314 50405 19387 93221 08326 24616 74060 03007
30884 44474 34487 87334 44130 95446 37373 56984 58404 03419
93642 45370 55910 30869 23431 50898 06484 26061 94116 65532
20803

Attention (message repeated) out

6804 kHz, 22-02/25-02, 0700 UTC

577/40 Attention

39257 34005 14630 89997 16250 18686 50809 39604 74354 64213
77692 13709 45214 86678 38065 07121 15389 06472 09442 91752
67739 72033 61141 86253 29335 51173 00647 50579 94055 57785
03755 78455 81434 56363 01952 51046 09096 41651 67939 85666

Attention (message repeated) Out

9079 kHz, 22-02/25-02, 1000 UTC

307/21 Attention

37928 23558 79731 23857 28419 69117 93081 96907 89217 75978
58607 83982 31363 62872 37452 25931 52851 59457 87056 11748
87213

Attention (message repeated) Out

16005 kHz, 23-02, 0640 UTC

940/26 Attention

71271 04624 39225 70924 96078 52466 72069 43794 01520 44889
89622 32750 58922 89419 17764 74244 00986 15260 41585 69730
34906 67404 29116 06571 03555 91816

Attention (message repeated) Out

11104 kHz, 23-02, 0715 UTC

757/32 Attention

46110 37933 24276 58713 02784 85787 54414 43336 74525 82145
53408 23515 58068 00861 42675 04847 19167 34956 01260 51392
11042 94475 80862 02284 36853 64668 81314 26760 18912 66935
92367 06138

Attention (message repeated) Out

12067 kHz, 23-02, 0845 UTC

719/39 Attention

65312 35731 25756 46659 77456 90518 86271 04478 77702 02841
 87986 44790 23440 61515 45695 14630 35652 65507 27966 95905
 24966 28929 14167 93864 76465 18280 48426 53032 81718 02258
 73545 64278 90446 24273 88235 80272 34311 37263 87094

Attention (message repeated) Out

11092 kHz, 23-02, 0900 UTC

533/33 Attention

70953 25894 97181 78325 27023 82615 32180 96223 95602 46873
 45273 38232 12304 57767 85824 48450 14781 65411 88212 13334
 11016 56841 74336 91123 28500 41707 27737 18299 16109 65973
 38549 51484 82378

Attention (message repeated) Out

7469 kHz, 23-02/24-02, 0930 UTC

276/34 Attention

61656 49774 70670 72072 18022 02294 17522 87253 34366 20007
 97635 94414 90989 44944 20911 61165 76270 48479 33127 40720
 02566 72884 41854 38183 02048 01258 41978 04282 63953 47054
 92863 02508 69318 55491

Attention (message repeated) Out

5082 kHz, 24-02/27-02, 1330 UTC

528/36 Attention

47985 82373 51947 76589 38930 86941 36287 27075 66087 06520
 79712 23337 74892 51524 46149 42499 18150 51316 59619 45239
 40502 46013 02454 55153 48096 82890 95854 01541 77316 85289
 36824 79972 42985 46023 43263 01602

Attention (message repeated) Out

5371 kHz, 26-02/27-02, 0730 UTC

497/33 Attention

34811 53598 79685 02870 49175 40704 27419 02603 90784 52515
 33843 71631 90860 85269 85214 38395 57100 37443 20487 70502
 86054 17399 51603 16584 93743 91571 52674 24849 64407 34722
 60083 50390 50821

Attention (message repeated) Out

E17z**11170/9820 kHz, 03-02/10-02, 0800/0810 UTC**

217 890 5 64906 66610 20336 17301 88554 890 5 00000

11170/9820 kHz, 17-02, 0800/0810 UTC

217 439 5 37833 30024 32958 32235 87855 439 5 00000

February 24--28: No transmissions due to the Russian invasion

S06**10628 kHz, 01-02, 0210 UTC****14364 kHz, 01-02, 0310 UTC (presumed, not monitored)**

537 860 41

31584 36358 64045 45905 19019 62190 83675 32235 70759 17351
 21735 33729 33724 07202 33923 48292 69480 74812 86728 39105
 22624 61594 54371 88089 31832 81318 82642 83835 13281 55953
 61818 54951 71110 86745 75851 84747 14635 59006 20016 68221
 86969

860 41 00000

5410 kHz, 05-02, 1330 UTC

10423/8167 kHz, 06-02, 0930/1000 UTC

480 623 45

13303 85017 16590 36384 51092 13958 39941 74423 34229 30007
67546 19795 69197 29868 40529 18027 92425 68208 21206 48133
41359 58310 86475 50996 72436 47109 34818 96901 58261 82515
56151 54890 61483 28452 43208 78646 87173 43262 04309 72604
93390 46472 76509 47464 91755
623 45 00000

8116/5410 kHz, 12-02, 1300/1330 UTC

10423/8167 kHz, 13-02, 0930/1000 UTC

480 519 42

84676 22763 63948 35769 95824 79412 98651 94441 68080 27822
77305 23843 95883 08867 73626 67677 92924 75241 15470 32175
64478 75710 14096 73995 85328 87650 23576 55716 55206 60429
13963 73321 22894 94543 02359 17202 33903 47724 14863 70931
67461 66089
519 42 00000

8116/5410 kHz, 19-02, 1300/1330 UTC

10423/8167 kHz, 20-02, 0930/1000 UTC

480 726 44

25052 97700 01827 19382 93471 31816 00691 33721 03136 60191
55235 55110 92008 10140 45365 59541 89197 92539 64453 29592
99312 05121 16999 77299 80729 51842 18973 30942 57563 17214
63791 24926 19009 37644 43254 57917 06973 93248 07056 26795
68612 38242 46045 16619
827 44 00000

8116/5410 kHz, 26-02, 1300/1330 UTC

10423/8167 kHz, 27-02, 0930/1000 UTC

480 531 40

56799 23172 12538 90406 07709 11939 47843 07747 55616 13621
64722 61188 95389 50048 29275 46166 33523 55941 82452 21222
19101 18485 00621 22894 94543 02359 17202 33903 47724 14863
70931 67461 66089 57923 15689 38290 64137 99288 71561 84703
531 40 00000

4505 kHz, 22-02, 1605 UTC. Several restarts

910 235 18

02953 63208 45169 45156 54694 68994 91435 72827 23085 02832
28524 40266 82668 74713 67806 86340 12823 81696
235 18 00000

Group Count Cycle net

17448/15614 kHz, 03-02, 0830/0930 UTC

17440/15614 kHz, 04-02, 0830/0930 UTC

842 176 32

43448 36738 14987 64571 25895 33041 64019 83162 65212 57430
04965 82779 37248 84924 66790 52660 85236 91915 07611 39115
94420 48062 67881 80242 09364 21556 90487 75106 23608 46205
49910 98334
176 32 00000

17451 10-02-2022 0830 S06 USB (PY)

15609 10-02-2022 0930 S06 USB (PY)

17430 11-02-2022 0830 S06 USB (PY)

15605 11-02-2022 0930 S06 USB (PY)

842 509 33

56726 26993 44901 53984 55318 57725 54143 11578 67692 79024
44784 20560 66782 21837 77974 93783 27375 87706 74501 75500

47271 23334 31318 42725 47844 92099 22920 30909 96173 53503
42289 57375 15956
509 33 00000

17432/15608 kHz, 17-02, 0830/0930 UTC

17430/15608 kHz, 18-02, 0830/0930 UTC

842 716 34

65140 25899 71878 92300 70106 77965 38193 02910 63951 79227
44822 38346 55997 30861 45477 81297 05356 31829 26933 00477
04791 66907 92934 88898 65834 01068 79839 60846 97377 41142
08686 30967 94894 50703
716 34 00000

17452/15614 kHz, 24-02/25-02, 0830/0930 UTC

842 709 35

97548 03290 81108 27627 31544 53769 33204 72426 06346 27799
33434 73884 64685 22307 57822 44028 01248 58450 25799 23250
09176 32877 50270 99389 19250 32369 04576 11295 61426 60302
48536 47790 03434 48356 80765
709 35 00000

S06s

No regular transmissions on 11535/11830 kHz at 0830/0840 UTC. Instead null messages.

9921 kHz, 03-02/10-02/17-02, 0830 UTC	172 172 172 00000
9379 kHz, 03-02/10-02/17-02, 0840 UTC	172 172 172 00000
11550 kHz, 03-02/10-02/17-02, 0850 UTC	172 172 172 00000
12142 kHz, 03-02/10-02/17-02, 0900 UTC	172 172 172 00000
13375 kHz, 03-02/10-02/17-02, 0910 UTC	172 172 172 00000
13875 kHz, 03-02/10-02/17-02, 0920 UTC	172 172 172 00000
14986 kHz, 03-02/10-02/17-02, 0930 UTC	172 172 172 00000

February 24-28: No transmissions due to the Russian invasion

S06s test transmissions

The transcript, analysis, translations and the description of three S06s test sessions came to us via Priyom. Thanks for that.
DXers involved: Pierre Ynard, Anon, Rando_one, linkz, radiotehnikaT101, and alchemist.

6771 kHz, 09-02, 1337 UTC	FSK-CW, 120Hz shift, alternating between -60Hz idle carrier and intermittent VVVVV... for 2 minutes
6771 kHz, 09-02, 1340 UTC	Switching to +60Hz idle then with crackling artifacts +60Hz FSK carrier off AM/USB carrier up, 1200Hz tone with crackling artifacts slowly drifting down
6771 kHz, 09-02, 1342 UTC	1200Hz tone off (drifted -28Hz in 1m30s) S06s 123, R12m, with slight pauses every minute
6771 kHz, 09-02, 1354 UTC	S06s 12- cut off mid ID Carrier off
6770 kHz, 09-02, 1359 UTC	USB J3E two-way voice operator chatter in German, about transmission setup, possibly unrelated
6770 kHz, 09-02, 1411 UTC	MIL-STD-188-110 modem during 10 minutes, probably not related to S06s
6771.87 kHz, 09-02, 1416 UTC	AM carrier with TX noise for a minute, possible match with S06s transmitter

Operator chatter in German. Two operators.

OP1: Und jetzt auf HF (And now on HF)

OP2: ?? (unintelligible)

OP1: Dann haben wirs gleich (We should be good soon)

OP2: ?? (unintelligible)

OP1: ?? ich geh dann wieder auf SSB Betrieb (unintelligible - I will switch back to SSB mode)

OP2: Aber auch das habe ich nicht gesehen (I didn't see that one either)

OP1: Auf jeden Fall sagt er mir [??] auf der 79 müsste er sein, ach ne, doch 79 (In any case it tells me - unintelligible - he should be on 79, no, yes 79)

OP2: Habe ich nicht gesehen (Didn't see that)

OP1: Warte mal kurz (Hold on)
 OP1: Haste HF auf [??] gesehen? (Did you see - unintelligible - on HF?)
 OP2: ?? (unintelligible)
 OP1: Der rote fängt jetzt an (The red one is starting now)
 OP2: ?? (unintelligible)
 OP1: OK
 OP2: ?? (unintelligible)
 OP1: Jo (Yes)
 OP2: Der rote jetzt [??] (The red one now - unintelligible)
 OP1: *selcall tones*
 OP2: ?? (unintelligible)
 OP1: ?? (unintelligible)
 OP2: OK
 OP1: ?? (unintelligible)
 OP2: ?? (unintelligible)
 OP1: *beeps*

12200 kHz, 10-02, 0956 UTC.

123 (R3m), off at 0959z, no idle carrier before or after

The third session had raw unpaired groups, confusing pre-TX, and ICW at the end.

4573.875 kHz, 10-02, 1751 UTC	idle carrier
4574.125 kHz, 10-02, 1751 UTC	idle carrier (F1B mode with 250Hz shift?)
	idle carrier off
4574 kHz, 10-02, 1752 UTC	AM/USB carrier up, 1200Hz tone slowly drifting down
	three pre-TX beeps
4574 kHz, 10-02, 1753 UTC	off
	same signal up, shifted +1kHz instead
	pre-TX beep
4575 kHz, 10-02, 1753 UTC	1200Hz tone off
4575 kHz, 10-02, 1754 UTC	S06s 12832 13575... raw unpaired 5FG without callup or preamble
4575 kHz, 10-02, 1810 UTC	TX breaks into DCS-like with completely garbled, inaudible digits
	garbled S06s cut off mid group
	unmodulated carrier up
4575 kHz, 10-02, 1811 UTC	ICW "V" R3m, pace varying smoothly up and down
4575 kHz, 10-02, 1814 UTC	ICW signal ends, no more activity

Transcript. Groups were unpaired, so sent only once.

No preamble

12832 13575 81587 01573 57868 18572 10722 85102 25260 83572
 51063 42614 13671 24237 62430 72343 05478 66562 46580 04100
 36041 11081 80170 27704 83077 12014 55563 76125 78640 72801
 35421 72653 57602 04303 25006 44701 61131 27636 56427 27510
 65641 12712 78816 36358 13543 43847 77773 20802 12484 80015
 12707 20384 30368 55774 45205 71178 54874 65841 55477 83077
 78569 45002 45018 66987 12593 83249 28611 45623 89644 47802
 45125 12778 86895 46790 35267 84987 02549 20022 75484 02399
 11458 44568 15704 02789 18604 12574 03457 25901 35871 17000
 98565 05946 02384 09984 15866 92445 65712 45678 15449 23458
 74230 95645 76254 45889 51254 18846 85978 45120 02136 41740
 02399 12145 78459 65897 10002 45458 02023 36565 55541 02078
 74898 95652 30154 78563 02150 32654 12145 78459 65897 39667
 25458 14415 98785 48745 00215 36041 11081 80170 27704 83077
 20215 45854 05987 48565 47852 32654 12145 78459 65897 10002
 02035 95645 20326 45889 51254 02336 85978 45120 02136 85947
 78989 99965 56564 12589 65987 45458 02023 36565 55541 20215
 74898 95652 30154 78563 02150 62000 15489 56232 47474 66658
 01036 02025 20008 78455 44458 95944 12103 26547 45218 9 ____
 ____ Transmitter melt-down after group 189. After that only completely garbled, inaudible digits

Note that there is no 9 in the first 60 groups.

4550 kHz, 16-02, 1603-1606 UTC Carrier; VVV (R1m) in CW

4550 kHz, 16-02, 1608 UTC

274 073 15

88620 58069 61732 74537 57440 10597 23521 47660 92883 69901

39534 11160 43494 37638 16070

073 15 00000

4550 kHz, 16-02, 1638-1639 UTC Carrier and beeps

4550 kHz, 16-02, 1639 UTC

274 073 15

88620 58069 61732 74537 57440 10597 23521 47660 92883 69901

39534 11160 43494 37638 16070

073 15 00000

5370 kHz, 17-02, 0846 UTC

274 536 19

56306 74400 84581 76276 00530 57893 8568

Out in mid message. Carrier off 10s later

5420 kHz, 18-02, 0535 UTC Carrier

5420 kHz, 18-02, 0535 UTC VVV (R1m) in CW

5420 kHz, 18-02, 0538 UTC

274 (R4m) 073 15

88620 58069 (4sec silence) 274 (R7m) 2- out mid ID, truncated repeat of 2022-02-16

5420 kHz, 18-02, 0535 UTC Carrier

5420 kHz, 18-02, 0607 UTC VVV (R7m) in CW

5420 kHz, 18-02, 0615 UTC Carrier

5420 kHz, 18-02, 0616 UTC 274 (R12m) (7s silence) 274 (R6m)

5420 kHz, 18-02, 0638-0640 UTC Carrier, tones

5420 kHz, 18-02, 0640 UTC

274 (R11m) 27- out mid ID

4630 kHz, 19-02, 0730 UTC

274 (R4) no message

3156 kHz, 22-02, 1946 UTC

124 (R3m20s) 278 278 199 1 off

S11a

9057 kHz, 07-02/09-02, 0510 UTC

650/33 Vnimanaye

98332 41628 09168 78933 68328 80570 57004 66025 49664 05735

64473 64456 23932 06739 77889 50833 13941 62902 53624 75056

91716 37285 87721 80970 48216 47765 80093 01338 00437 63110

54942 50449 73711

Vnimanaye (message repeated) Konets

12530 kHz, 08-02/10-02, 0500 UTC

381/32 Vnimanaye

63002 31742 92346 74377 00476 42148 56186 66501 11859 26341

81196 87221 46662 44396 51158 54286 16614 85955 27158 46143

44256 16047 14776 83453 65877 31434 11958 17081 73004 34461

88809 61766

Vnimanaye (message repeated) Konets

9050 kHz, 14-02/17-02, 0700 UTC

470/31 Vnimanije

22578 47690 93017 16513 42840 74681 97309 59138 36102 27749
76927 85520 74641 28864 92928 34300 84149 68727 67275 74015
33471 40534 97322 31030 04373 18698 81729 02967 91016 04739
29138

Vnimanije (message repeated) Konets

6252 kHz, 14-02, 0915 UTC

484/33 Vnimanije

61453 17497 81486 12964 31824 93537 90771 26539 68557 26438
75703 91634 30408 58325 46923 35516 79019 85229 67596 25205
21851 66799 79273 58898 67689 43371 46042 97212 80202 58421
03303 46076 72998

Vnimanije (message repeated) Konets

11486 kHz, 23-02/26-02, 1850 UTC

281/35 Vnimanije

03065 25249 53507 71298 70613 56681 08663 52058 30205 61242
03523 78789 87380 96798 89403 00117 66886 36672 78602 46962
88903 23003 76441 62912 96247 09343 59411 46920 24220 80603
77772 44754 96521 20242 06056

Vnimanije (message repeated) Konets

5371 kHz, 26-02/27-02, 0830 UTC

372/34 Vnimanije

98977 02031 95758 89409 24497 19066 32291 49126 22395 64615
53403 42312 78484 10016 45741 12947 40782 61389 42124 44405
85718 05895 36781 67479 98420 39127 00993 65019 26716 35025
68807 18761 82006 22713

Vnimanije (message repeated) Konets

V07**15874/14774/13874 kHz, 06-02, 0100/0120/0140 UTC**

878 878 878 1 9504 115 9504 115

45806 27040 79358 25593 91016 59583 60015 41701 11897 70417
12070 93669 30845 20376 91876 23316 30646 33013 41200 49352
82600 47284 96955 17628 69908 65463 05640 43721 89297 48837
03643 45925 84975 60983 63285 96864 53279 11428 39612 77218
90666 22761 57298 62575 69348 96275 44410 92251 56701 61544
50336 08432 87589 06923 22710 49923 49827 13499 60205 28199
05015 36562 08525 87325 18363 82150 34428 53079 33740 26510
21096 07027 39768 07268 44432 50539 45123 78719 16553 99332
32985 57630 83649 57753 88358 39912 80563 61686 91305 98724
39766 86759 80398 14256 43236 85977 48717 85571 88831 35392
47089 97619 29064 67579 56076 41559 47857 16292 99194 70162
92785 11889 91760 41734 63979 000 000

15874/14774/13874 kHz, 13-02, 0100/0120/0140 UTC

878 878 878 1 312 120 312 120

35170 84970 93707 29920 66028 24632 12206 60396 41266 15560
51910 52423 63884 88370 67958 23385 83877 54713 22012 13928
99324 45149 35217 21745 70899 89840 90553 10433 11615 15773
68949 00108 68058 20994 48684 20707 48109 29798 71145 82139
52039 00805 90382 15638 08640 37126 21532 38077 09570 73286
52717 94563 44814 02640 56244 93927 71332 40061 76127 52060
26190 31492 82548 12869 12459 35108 52373 75707 47337 89630
75665 97438 02878 39568 37754 38399 85912 32784 02301 77603
07076 63797 37867 96591 49154 45915 11945 41190 87203 49282
23990 32012 86630 87742 17941 02308 95973 52498 69624 01787
11081 06590 90700 87195 83943 72737 23216 49764 64459 59548
47332 18212 66730 74494 71288 97697 29818 42542 94337 34431
000 000

15874/14774/13874 kHz, 20-02, 0100/0120/0140 UTC

878 878 878 1 474 108 474 108
 72535 99785 03807 57111 49456 65843 33724 09353 77479 54803
 72977 50449 40480 87566 02446 15935 37056 72254 57130 83148
 58169 93908 52864 84962 96588 16406 01315 48914 40427 87924
 59760 32213 50521 76561 98900 59646 90497 97861 85847 47697
 44942 11435 52490 59630 75448 56774 45420 16006 69383 24625
 99930 06545 15789 91819 47907 22417 33987 14540 69844 56467
 71177 99304 60719 17865 58384 12822 47171 91113 44920 40599
 00469 45832 70493 99681 63886 94253 73799 64078 08749 11957
 40029 25532 91372 87184 56105 79127 21949 92051 58238 89332
 39373 03662 79286 09942 91250 79110 77686 34761 28435 41002
 50575 43849 64058 56182 75269 66859 90012 23674 000 000

15874/14774/13874 kHz, 27-02, 0100/0120/0140 UTC

878 878 878 1 7326 104 7326 104
 50106 57220 80767 44875 71462 04971 69973 31493 61591 17788
 88059 33380 12618 75281 27124 65798 85756 45750 56882 13313
 22795 62389 97638 62880 30930 50283 29954 99199 37813 24660
 37468 09853 99085 22628 03564 54518 45732 39426 74460 61616
 47384 45288 83492 21343 48919 78489 87376 31786 56280 71823
 28971 71321 61882 78264 52464 23716 72169 01435 13314 65723
 86326 79787 90207 81045 78405 14210 92341 98124 06913 48714
 81303 93719 69443 20725 89716 00873 05019 15154 99469 75150
 10791 71531 33716 78554 63692 47043 75033 62617 75617 95539
 45986 48159 19754 00902 13809 01641 87765 17498 82062 04949
 46690 14398 39262 39396 000 000

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

13974 kHz, 04-02, 1240 UTC New Star Broadcasting in progress

11430 kHz, 04-02, 1300 UTC New Star Broadcasting

9276 kHz, 11-02, 1200 UTC New Star Broadcasting

13974 kHz, 11-02, 1200 UTC New Star Broadcasting

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

4452 kHz, 10-02, 1257 UTC, USB

4452 kHz, 11-02, 1223 UTC, USB

4452 kHz, 16-02, 1223 UTC, USB

MORSE STATIONS**MX**

Reported Russian military propagation beacons.

D: 5153.7, 7508.7

P: 5153.8

S: 5153.9, 7508.9

C: 5154.0

A: 4558.1, 5154.1, 7509.1, 8495.1, 10872.1, 13528.1

F: 4558.2, 5154.2, 10872.2

K: 7039.3, 10872.3, 13528.3

M: 5154.4, 10872.4, 13528.4, 16332.4

L: 5156.8, 8497.8

V: 3227.0, 3657.0, 5342.0, 7611.0

5320 kHz, 01-02, 1800 UTC

197 217 217 30 30 = =
 82638 63917 94628 05739 75037 63829 74610 84626 84723 84635
 95739 64519 76047 52846 82956 80916 63920 63826 95738 56749
 83512 64923 53970 93629 84601 74937 94632 95643 95740 64822
 = = 217 217 30 30 000

4490 kHz, 01-02, 2000 UTC

197 422 422 30 30 = =
 74302 74936 53821 74937 63436 75947 53892 53295 73821 74839
 74937 63921 74839 74632 84937 64937 54932 64015 85692 49063
 42974 95704 73528 61755 73987 63874 71974 72975 69473 18643
 = = 422 422 30 30 000

4490 kHz, 03-02, 2000 UTC. Lots of sequential groups

197 556 556 30 30 = =
 12345 65432 99009 54321 67890 09876 33554 87654 34567 77998
 56734 76589 12345 98765 65478 09876 45678 76584 88776 09876
 34567 86654 12345 54321 09876 67890 45678 87654 44665 77889
 = = 556 556 30 30 000

5810 kHz, 05-02, 1500 UTC

197 540 540 30 30 = =
 23121 44522 53142 98561 84850 00302 67881 92032 58548 64430
 67812 34217 56400 55855 72332 59092 57321 58785 49032 87881
 87212 43550 77731 59832 32884 53451 54999 00010 32378 87992
 = = 540 540 30 30 000

5465 kHz, 06-02, 0700 UTC

197 093 093 30 30 = =
 72341 63231 38980 32765 89011 22334 56897 00110 73208 45890
 52346 98990 43217 45387 23414 98796 45632 45609 34509 08823
 67890 32467 45782 34560 67890 23471 64211 78902 45321 78987
 = = 093 093 30 30 000

5320 kHz, 10-02, 1800 UTC

197 817 817 30 30 = =
 92736 52746 51836 92645 14264 83726 63947 63527 83640 73628
 72846 64956 37561 97482 53847 52759 47392 78426 90648 63874
 61846 52474 63749 62746 63865 63756 84635 84763 62746 84637
 = = 817 817 30 30 000

4490 kHz, 10-02, 2000 UTC

197 298 298 30 30 = =
 73628 61548 53692 64076 53427 84732 95736 52745 84725 94762
 72534 84736 74635 90187 64735 52754 94763 74658 74635 62538
 73648 24173 84635 92648 64726 51746 84637 92635 83627 64837
 = = 298 298 30 30 000

5810 kHz, 12-02, 1500 UTC. Many sequential groups. The key at the end is reversed.

197 746 746 30 30 = =
 12345 54321 09876 67890 54645 76576 98765 45678 55667 99008
 54321 12345 67890 09876 54321 76543 77665 33445 04560 77550
 65432 34233 43212 65456 87654 98700 66887 65432 12345 54321
 = = 647 647 30 30 000

5465 kHz, 13-02, 0700 UTC. Many sequential groups. Good morse till group 23, and a mess after that.

197 647 647 30 30 = =
 77665 12345 65432 54321 09876 67890 55446 77889 00998 56789
 65432 67890 54321 12345 09876 00998 55667 34567 12345 87654
 66558 99008 44556 4456 1246789 67890 09876 97 543 541 657 665 8876875 467 468
 = = 647 647 30 30 000

5320 kHz, 17-02, 1800 UTC

197 669 669 30 30 = =
 51567 87960 45456 16176 23456 78907 12345 67890 57576 13245
 25256 17176 89765 09987 24264 78786 56789 43214 09098 28287
 77766 89063 12345 87654 13134 89890 67675 16165 23234 67489
 = = 669 669 30 30 000

5810 kHz, 19-02, 1500 UTC

197 217 217 30 30 = =
 83647 41846 93648 94637 63428 63728 42638 73648 52637 94756
 43627 53746 73829 64736 42746 53746 42645 82536 42745 53746
 84635 52745 43745 63785 53648 52637 53856 52746 57465 63547
 = = 217 217 30 30 000

5465 kHz, 20-02, 0700 UTC

197 621 621 30 30 = =
 74653 83645 83645 91746 83645 82764 63726 42513 46537 53762
 74638 65382 74635 81736 42746 94762 74917 74618 74628 64736
 82736 15387 73619 73618 37182 64728 74927 64717 64928 64726
 = = 621 621 30 30 000

5320 kHz, 22-02, 1759 UTC

197 222 222 30 30 = =
 83726 51637 94736 61534 26371 74657 84738 73645 61537 95748
 63546 82746 93847 14356 84756 63547 32436 82716 32648 62534
 83756 43523 83726 13243 84756 52431 74657 52437 21648 72635
 = = 222 222 30 30 000

5320 kHz, 24-02, 1800 UTC. Mostly sequential groups. Several incomplete groups and repeats.

197 **876 876** 30 30 = =
76543 23456 12345 54321 09876 67890 00998 **77899 56789 76543**
12345 77665 67890 09876 12345 54321 55667 44556 33221 00987
55667 87654 34567 **9 008** **77665** 33366 **0998 08** **12345 54321 87654**
 = = **876 876** 30 30 000

5465 kHz, 27-02, 0700 UTC

197 541 541 30 30 = =
 48908 12367 89765 12345 09876 17685 19190 78786 26251 76182
 89890 67543 18187 26376 18796 09876 26267 15156 28789 90908
 54546 78786 29287 10376 18187 23236 17106 27289 23456 09876
 541 541 30 30 = = 000

M01a**4902 kHz, 12-02, 0851 UTC**

659 659 659 82892 82892
 333 333 333 050

4651 kHz, 17-02, 1145-1154 UTC, FSK CW

522 522 522 111 999
 522 522 522 111 999
 522 522 522 111 999
 213 20 =
 85412 42306 86703 00172 87937 66790 66750 40211 62072 38138
 35777 36111 37952 38813 04970 43185 76087 70787 06784 67923
 = 213 20
 522 522 522 111 000
 522 522 522 111 000
 522 522 522 111 000
 522 522 522 111 000
 522 522 522 111 000

13386/12189/11491 kHz, 1110/1130/1150 UTC

13386/12189/11491 kHz, 03-02, 1110/1130/1150 UTC

725 725 725 1 8657 94 8657 94
 08307 27067 58018 26405 99963 06019 73804 72342 99208 47779
 35705 09767 57960 19961 93076 07889 28226 16854 85676 29506
 48069 05034 31974 64708 50423 46203 12715 48525 65400 66920
 81411 33734 42903 13720 88452 95326 87004 97601 00280 36469
 38611 96991 70576 72854 37700 86648 21723 00895 28683 04523
 18825 60613 20419 53335 73801 50960 31406 43467 93762 23587
 71166 89810 51910 15354 28666 35278 15083 10837 45361 74661
 69935 85493 26028 90088 07970 75059 89651 15634 65804 84172
 64870 99238 34904 30507 34632 48921 24322 41842 13251 16851
 89098 27456 00915 91670 000 000

13386/12189/11491 kHz, 10-02, 1110/1130/1150 UTC

725 725 725 1 6987 98 6987 98
 68512 65216 60215 36616 55483 06531 94288 92064 76135 22082
 50522 13682 09907 17335 15068 93030 85705 89066 66234 86163
 49631 00832 82273 41858 27779 42620 22405 98485 80638 33599
 68581 71937 73629 68214 57999 20485 07624 46588 79017 53331
 51354 89588 67076 06485 02327 66824 86070 93185 50701 08347
 89581 27077 20330 06367 65530 94316 73346 91258 12303 46491
 34671 33282 73919 87961 84885 31405 30392 27633 59430 83214
 67783 96717 18128 69086 11535 90587 08358 53553 69451 67243
 82442 51333 91947 35632 34440 26928 18049 74923 49124 59088
 11810 38940 91142 10459 85398 33205 26146 09945 000 000

13386/12189/11491 kHz, 24-02, 1110/1130/1150 UTC

725 725 725 1 1422 92 1422 92
 53085 12365 70190 89116 46325 76030 46609 42904 25175 83738
 36757 89828 42050 14196 50163 85567 38646 79020 43710 05674
 31872 35019 23244 65582 13881 12063 29813 20913 28927 01263
 59743 02950 05487 35002 55450 24510 00328 21383 91302 73054
 51148 95240 56850 01294 22273 42422 93075 99839 78877 23891
 51111 28414 60921 26101 13807 33590 04516 72852 04792 69665
 52770 23048 93403 25853 08570 65870 47844 86704 41463 70660
 00024 76063 64333 24955 58719 83943 69260 46597 16067 08020
 20005 12936 37637 71639 69083 97148 02631 58218 17133 49799
 82724 30275 000 000

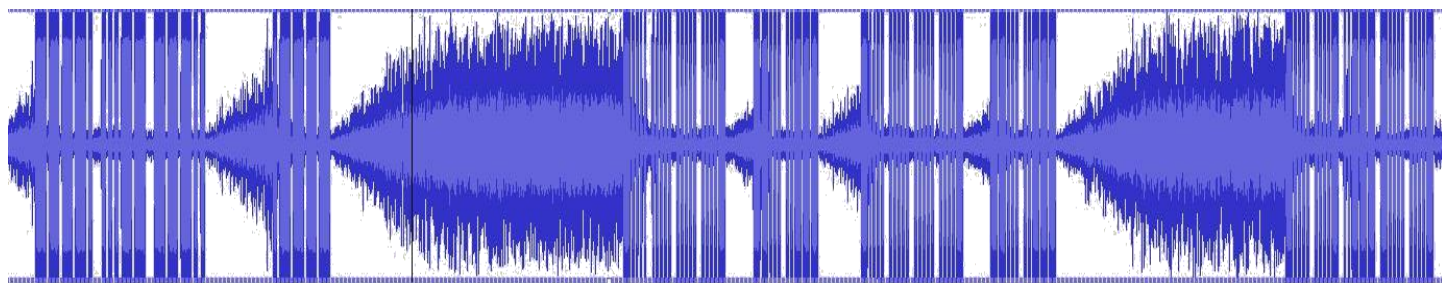
5832/6832/7732 kHz, 2200/2220/2240 UTC

5832/6832/7732 kHz, 04-02/11-02/12-02, 2200/2220/2240 UTC

877 887 887 1 1562 102 1562 102
 91204 69942 52193 61324 49035 67955 62686 68256 26544 95156
 93796 37706 87426 84733 33842 07694 98794 18257 63228 86233
 37353 90515 75167 95108 44628 91402 09776 79695 03302 78977
 91758 84908 27395 20500 56958 83103 73939 54549 78220 29849
 30504 81580 20317 73902 77362 88625 50837 65688 59087 74282
 25138 09028 06381 59009 91982 29597 10802 09298 73271 70470
 52743 99396 91956 30697 18377 27388 24674 79587 53776 76588
 56593 47986 86257 01460 93322 17949 20716 01788 03782 20663
 85680 98254 09799 95099 82553 08167 42052 41340 16588 03607
 66481 85105 92924 95428 52093 45982 43237 90308 97612 77499
 80057 43769 000 000

5832/6832/7732 kHz, 18-02/19-02/25-02/26-02, 2200/2220/2240 UTC

887 887 887 1 2799 208 2799 208
29823 64957 65943 48580 87955 82297 83638 61458 05949 67606
37137 34455 90852 44575 70862 47591 42129 61872 29906 49078
86542 61838 38835 33792 19791 89295 14840 58259 12375 48636
42144 58119 28422 54760 52006 86556 96054 99542 76275 18984
46697 05861 90300 13431 21898 42230 21023 64085 14660 85924
70949 70262 47047 72082 62367 89694 50943 30555 67634 83530
80270 21637 14108 67161 64457 98789 22590 17720 93770 49505
52981 56355 76052 32889 26029 76876 12672 55511 63907 57130
92794 29852 96423 95321 83500 96177 35003 13807 67815 35198
61961 78857 46072 34514 91169 55408 87228 68188 05817 17691
97852 03990 37555 04943 83172 18240 94338 69317 85857 24117
38402 51670 36824 89636 15055 83964 12123 81554 84536 59976
19129 90333 48674 30679 49825 96964 68081 79332 14761 40109
71449 40086 17072 34362 79304 32046 82725 22559 17886 29408
51007 44821 62387 79647 44681 99318 94911 08191 79932 83268
35553 57990 56389 01900 84939 43836 30386 67016 77620 68540
91288 95357 28328 71095 18705 19200 66267 29277 68655 63320
91610 96226 15826 12307 51113 21971 81532 15057 73277 01985
87064 23421 77145 42932 46614 69029 03948 40039 58933 07509
62794 67507 18044 13586 24416 55278 07769 84489 57434 40581
06235 29826 62417 75636 45631 79872 60597 56816 000 000



11435/10598/9327 kHz, 1800/1820/1840 UTC

11435/10598/9327 kHz, 05-02, 1800/1820/1840 UTC

938 938 938 1 6554 72 6554 72
64264 70921 63736 12250 94311 87807 39586 37564 09811 72940
06943 11155 91948 68963 36519 95194 67496 70045 26014 99434
92217 40743 50118 27071 67411 75470 01754 34212 72519 24921
19628 18109 95043 32564 75854 31228 35258 15573 53122 12085
99374 60084 05816 33562 86839 43622 10469 32401 04722 94059
86457 30070 33753 90223 18441 38609 92134 45985 31608 77293
92728 91044 44980 02408 31360 91454 66670 65855 35541 81897
43109 88118 000 000

11435/10598/9327 kHz, 12-02, 1800/1820/1840 UTC

938 938 938 1 4869 77 4869 77
02716 49506 35724 87166 98904 50506 54806 86050 04118 62905
08857 12771 33540 87656 26656 47827 31556 76325 59336 78700
95343 31393 44508 38073 23390 23399 59717 77112 53391 14352
88078 52430 08307 46321 56847 90389 79770 79032 43712 79326
51146 10509 58543 00600 55996 29710 97114 68308 64946 67382
63221 91184 23300 87306 17613 05539 56993 54804 47555 30948
83310 97090 36888 64374 38351 41060 06140 12793 73991 89679
87295 00796 87295 64377 36437 99333 54361 000 000

11435/10598/9327 kHz, 19-02, 1800/1820/1840 UTC

938 938 938 1 1281 71 1281 71
64845 65980 47516 84380 80855 70973 67269 76444 07918 17563
43353 56388 55254 75828 20840 01664 05349 23623 02668 45370
68370 34953 39637 02761 48688 03155 47967 11535 73199 05298
28766 82490 03398 60055 86313 07787 41263 60299 97534 49103
95630 54626 14526 90762 67066 00069 05757 94968 23038 41375
42577 14069 43935 57046 40070 27672 97204 79975 43363 83782
60800 31774 48240 71988 57392 07432 80845 88200 52220 61966
74897 000 000

11435/10598/9327 kHz, 26-02, 1800/1820/1840 UTC

938 938 938 1 1699 72 1699 72
35243 83635 82551 74862 57714 48600 39553 05837 33770 76775
38317 28099 96522 96920 15598 19907 71947 56380 14837 77541
06463 72335 38021 77047 23129 77111 44587 07219 22036 23619
96079 75176 01210 93141 04955 92856 30921 73890 55548 00827
92209 47529 47502 02993 55146 49464 84577 08837 08605 79428
80881 31744 42970 01731 23623 79188 55276 85663 90482 79894
51006 43654 49958 90112 54191 19795 81242 34201 49119 01893
77669 19184 000 000

14377/13461/12114 kHz, 1130/1150/1210 UTC**14377/13461/12114 kHz, 07-02, 1130/1150/1210 UTC**

317 317 317 1 9805 97 9805 97
62515 55796 70849 37640 45207 36311 97218 89556 29098 50112
68232 00442 82686 97750 42078 55321 25285 14988 84038 03128
73508 37447 56229 20734 48871 91798 13044 93091 40402 21735
96883 94889 10466 16880 28720 43749 73348 55215 41309 46740
53932 08678 57381 86980 64735 05726 86233 34928 68429 78481
76944 16671 41310 94047 37603 79438 21818 16892 78213 54210
37907 09906 22288 32239 25020 54568 27225 52738 17829 55320
22928 76601 54223 59033 15858 56835 01265 07047 85722 64684
55999 74342 18341 31673 79555 57621 00980 52367 54516 91308
57947 69443 98022 18546 18998 33395 34545 000 000

14377/13461/12114 kHz, 14-02, 1130/1150/1210 UTC

317 317 317 1 1652 7 1652 97
31181 64200 87626 37144 02187 09656 81926 96691 07033 88811
28887 19300 67632 78357 61133 32749 11443 02055 93584 20606
94244 17553 91819 52292 57807 35280 35789 78092 26516 84498
97681 26171 65740 34912 62379 82649 80291 58877 07376 79102
35371 73982 09782 52725 56131 99511 80525 37574 29947 19540
51857 73952 73952 93529 87083 56760 04006 71058 07956 31217
74252 71021 06251 37606 73039 08529 33692 61588 61738 44333
64149 33962 95837 69325 12819 66654 55182 81108 22869 03351
41071 36043 77416 34908 48333 93219 22030 44468 21671 47795
64366 58632 03850 56001 99216 31628 16252 000 000

14377/13461/12114 kHz, 21-02, 1130/1150/1210 UTC

317 317 317 1 1408 92 1408 92
58324 87100 16214 83560 40325 85952 98367 47559 20653 58590
83517 55075 37571 23540 07968 43789 09954 52191 97806 44830
22190 04932 17274 38036 01620 38993 04487 87943 03769 25152
63560 05997 15902 72496 68596 64038 87377 69777 28072 44732
90286 77604 55619 41126 75623 78871 16608 75519 82631 62987
32474 44948 99992 99522 96038 58307 49097 91864 25020 83602
77657 62199 50974 08912 71979 46829 21380 72411 70969 25280
03575 57963 03907 37176 74805 71286 83029 86524 93780 30995
54512 54427 44004 63618 72837 46001 62331 48893 32350 42733
94708 25247 000 000

14377/13461/12114 kHz, 28-02, 1130/1150/1210 UTC

317 317 317 1 3044 90 3044 90
91118 53187 96473 34266 02834 50080 17834 91849 37308 08397
62320 62872 53286 27033 15772 29743 67113 94637 62023 05446
38955 04598 74345 81046 70757 84542 64389 87652 48759 19665
84078 20376 58161 31547 15411 93265 98984 23697 83896 67035
03294 39859 88717 79229 04579 76545 22805 66040 25008 05619
64845 57496 73397 69661 19816 44589 19359 73359 81073 81031
09007 65780 12504 79809 25162 09087 33168 29372 16548 65925
83049 57387 75907 70922 86077 69686 50729 02773 45405 67570
56706 12262 50511 77606 42188 31920 94970 83667 70048 30288
000 000

19373/17473/16173 kHz, 1400/1420/1440 UTC**19373/17473/16173 kHz, 07-02/10-02, 1400/1420/1440 UTC**

341 341 341 1 572 75 572 75
51579 02749 75721 75384 80274 07235 20417 43030 69392 45961
63126 16743 29168 56084 79109 98032 10456 54878 43912 01968
49595 51746 87820 46887 45676 04964 98948 95179 63066 03082
08808 51627 46232 71953 48366 77382 94855 56001 64834 82017
98355 44515 41298 96911 55963 19456 38016 20442 81877 24912
05250 55352 23025 09779 89922 99974 08148 82563 20452 78629
12290 32366 18989 34285 84273 75361 03512 88713 89400 77934
25810 20162 39601 14956 65911 000 000

19373/17473/16173 kHz, 21-02/24-02, 1400/1420/1440 UTC

341 341 341 1 9349 64 9349 64
80088 73346 26731 75719 04751 39059 81551 18279 31616 60811
09002 50662 37156 95035 21332 34938 16565 91861 20351 42650
24340 08556 57598 48067 15565 27801 32416 19338 72469 18296
68838 74145 67291 45000 52215 34772 22158 73214 53399 61939
75706 64340 23188 59282 47688 20760 98370 66861 71529 73141
65556 26305 46646 75754 52740 82203 64461 70672 56752 20622
04921 32641 83488 08473 000 000

6937/5737/4537 kHz, 2210/2230/2250 UTC**6937/5737/4537 kHz, 07-02/10-02, 2210/2230/2250 UTC**

975 975 975 1 4682 64 4682 64
87547 70850 86513 23310 97709 52609 69663 20347 00272 72388
18933 60312 99292 75618 75936 60069 90640 22800 19474 86737
91450 70930 50069 56547 92717 34719 37641 58670 18556 08032
32778 06070 92971 67447 28039 59811 29683 27329 23916 44458
26792 02634 66241 66870 86770 92032 60831 01938 22184 71397
27657 19632 96634 53406 39519 55772 91739 04043 82467 56542
52374 45465 07470 52873 000 000

6937/5737/4537 kHz, 21-02/24-02, 2210/2230/2250 UTC

975 975 975 1 773 87 773 87
07521 41980 33941 55789 21916 21204 08828 53975 80190 92963
95510 38871 14783 87375 07590 90586 12417 05997 06479 57240
42400 17525 79453 55672 68815 85561 79440 53804 91901 12771
85694 70688 45018 18764 95253 84145 76564 00076 64188 36791
73270 32034 68390 61242 25539 84100 45227 44546 57301 29709
79037 74563 48435 83095 21946 91504 21097 91152 71777 89015
00842 45634 11185 30979 14922 18735 89231 68528 06262 75247
47621 37159 32995 08347 76291 17037 59343 60084 17587 24146
00776 48160 00487 10429 32984 58049 87887 000 000

17415/18215/18715 kHz, 0800/0820/0840 UTC

17415/18215/18715 kHz, 09-02/13-02, 0800/0820/0840 UTC

427 427 427 1 688 84 688 84

31004 71899 58955 26371 04271 92992 43427 38726 73822 49452
20452 28478 17123 65039 78809 48837 19693 12142 82839 51378
65961 47758 90782 11883 35671 19598 39577 74791 71020 75748
60183 89567 03434 51870 65335 68680 56584 63579 69085 11890
73672 88844 37497 99941 57734 45972 18134 11864 14462 40752
90920 81796 07745 10524 07734 37924 80000 76980 28145 83987
65224 80512 45702 66828 52564 07897 76817 80384 90677 55980
89828 94124 88943 73883 55966 68437 66886 35795 93109 59858
92016 68395 44829 62459 000 000

17415/18215/18715 kHz, 23-02/27-02, 0800/0820/0840 UTC

427 427 427 1 378 75 378 75

39285 77138 31656 45930 08665 93167 58762 60893 20159 37185
18972 19645 53710 41989 02730 99940 05555 56872 04447 63370
24302 45072 03750 69847 60900 47131 87144 99369 05113 60963
88804 34723 03868 15552 26214 54409 84017 71627 28956 52557
79138 52103 67163 77858 80052 80923 31783 32836 31266 26680
17963 36168 91E47 07376 60726 56307 20213 55425 76364 75443
08702 72940 72287 79743 30845 13685 64166 88327 41708 05075
51680 49728 90071 40160 76964 000 000

7674/6874/5774 kHz, 2000/2020/2040 UTC

7674/6874/5774 kHz, 09-02/11-05, 2000/2020/2040 UTC

687 687 687 1 5851 71 5851 71

52593 69770 59320 30696 18166 70338 33544 60509 41143 22995
51061 02980 40650 42945 51451 83846 71422 87584 73222 89727
02363 50413 37587 15513 92093 94945 86183 07248 23905 21602
56446 54473 49081 56835 91095 32188 62856 13763 97755 64959
56268 92201 66586 89717 17375 24030 21553 73683 04075 15137
26568 28313 73040 78010 96513 77079 59131 96842 99654 69407
12159 62258 54353 22752 31862 40420 77637 28958 66023 78755
74469 000 000

7674/6874/5774 kHz, 23-05/25-02, 2000/2020/2040 UTC

687 687 687 1 4787 8 4787 68

27209 87887 11647 05055 66974 25693 93811 43888 43712 42868
10489 01088 59269 29501 18236 35070 80142 05465 35445 33594
62723 99763 15938 21923 71833 78235 11002 55775 98713 43138
53312 32599 71608 59984 70161 07601 87903 57968 44227 48514
97495 05401 03651 82942 37039 93381 59338 72133 99571 93780
03808 82318 92987 41676 55871 22300 16633 15226 12772 64134
64453 02137 04331 95755 01594 58991 83917 59743 000 000

5734/6834/7634 kHz, 0030/0050/0110 UTC

5734/6834/7634 kHz, 08-02/11-02, 0030/0050/0110 UTC

786 786 786 1 8505 76 8505 76

61280 75796 97303 39157 27857 86660 16227 10305 47997 67485
24651 15036 27717 04607 81927 49226 65109 98791 83450 18718
96494 40120 66979 25704 37958 46809 01653 82310 71094 26971
51342 62727 31554 82861 64276 25665 93749 72309 99838 15713
31955 54212 99803 54049 23805 35454 49893 12510 82884 17458
01737 43155 93248 16408 03846 50957 52152 75082 63262 15697
21469 37427 74496 08779 52588 45686 21551 77665 90367 54407
03553 62003 14583 32698 23208 15813 000 000

5734/6834/7634 kHz, 25-02, 0030/0050/0110 UTC

786 786 786 1 8723 70 8723 70
12877 87923 43091 73970 62508 73126 43126 96819 66464 80771
37844 44023 73281 60246 91027 06257 10569 42981 91969 70548
10829 45278 12617 17320 73954 70608 79638 94360 26842 82935
93559 54869 56312 22961 21389 28686 56603 64701 17472 75402
36100 11571 37339 79401 61401 65134 59659 65818 12530 24745
93492 89965 91417 54092 37413 56432 09648 65796 75632 26408
96956 58626 75556 66741 57176 40953 21414 68513 68513 61835
000 000

11464/10464/9164 kHz, 0110/0130/0150 UTC**11464 kHz, 20-02, 0110 UTC**

441 441 441 1 2531 98 2351 98
13968 41210 24542 66635 68942 33255 18847 93510 38133 61434
71615 29529 27205 25745 35878 94009 98679 25314 97666 69731
27319 22163 75554 97293 26660 75615 93798 35407 57260 24806
24662 01213 09825 47714 33997 20728 89669 14217 94577 25402
94852 50500 65934 22000 54114 84873 94488 55048 44238 71400
96489 48978 22556 06793 60170 08551 87060 68453 72374 28611
38837 56074 51300 33449 47195 02204 87631 80363 50092 79899
71923 99365 63531 51920 48056 28422 97244 92603 97520 66088
49233 35763 35095 76198 60826 44222 10218 08684 71188 10309
42751 52995 26405 20275 03083 63866 39485 81812 000 000

9362/8062/7462 kHz, 2300/2320/2340 UTC**9362/8062/7462 kHz, 24-02, 2300/2320/2340 UTC**

451 451 451 1 1963 83 1963 83
54959 72088 89927 66430 43568 00624 41675 87167 53438 41775
55125 98015 89549 68603 41907 96383 56303 57614 87714 02867
28278 31852 71685 06282 99249 49102 66421 53134 77331 80783
63145 43522 63337 68055 83272 89492 97431 77646 64309 40950
63780 85842 39933 82617 12258 14868 69137 52969 33493 85334
77183 61315 11049 61283 44545 93925 86454 69065 06939 78142
91254 14458 88124 40931 90673 02743 64684 50945 49853 30237
72036 62615 22833 15443 26320 76856 30494 77160 35919 49804
21558 60667 12805 0
00 000

M14**17458 kHz, 25-02, 0930 UTC****15994 kHz, 26-02, 0930 UTC**

617 982 982 41 41 = =
08964 98157 82099 76830 32227 55074 96792 07541 29904 94486
64727 13660 81062 65792 83379 23061 03897 98665 72493 56978
68271 53021 89236 93248 67911 63850 63127 16683 95637 76061
94247 85385 34392 74042 56665 16324 33924 50047 23342 66655
09926
= = 982 982 41 41 00000

12211/10243 kHz, 01-02, 0500/0520 UTC

952 438 438 52 52 = =
49679 49061 22197 27327 66854 42010 71019 35485 46140 22225
47571 78333 74389 01391 72351 43782 93284 73539 18631 88703
14689 10560 83719 63965 89608 25764 00550 41143 85459 78953
56789 76813 51316 21442 03659 75394 75845 04439 41642 36453
67591 99264 15283 97419 12326 02811 34242 07660 87121 26691
62825 94822
= = 438 438 52 52 00000

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

952 160 160 52 52 = =
18709 60883 08360 11906 01106 32714 85012 73978 62042 72973
77760 62843 71357 41277 11806 15138 40337 09558 99328 29336
24224 43360 89701 35570 65056 84788 27998 06951 42031 73063
01505 10828 21570 63602 78889 23438 24278 31583 71751 56359
50991 70905 73207 68225 35090 24515 53229 60129 13265 07000
15393 78157
= = 160 160 52 52 00000

12211/10243 kHz, 03-02, 0500/0520 UTC

952 378 378 52 52 = =
25685 93902 82029 12484 11907 60152 58812 73188 45000 01505
85136 03293 91343 29417 91106 92442 69841 66798 08246 58105
42028 67299 09661 65099 03448 40935 81927 03804 68482 47002
33416 50513 65835 40212 68718 58339 86833 80991 83884 52136
53761 45873 62142 25851 00395 98927 74794 65763 81932 10164
16982 48034
= = 378 378 52 52 00000

12211/10243 kHz, 04-02, 0500/0520 UTC. Audio problems

12211 kHz: Off in group 11, back after 44 secs but skipped 4 groups

952 640 640 57 57 = =
84110 98849 74862 37142 37771 02831 41415 44462 53705 11875
97083 92901 35748 68082 41986 06171 93048 45205 59896 53215
95705 95564 96585 58661 20731 48635 96457 04763 55538 97210
77180 23286 51129 32122 46986 00782 42184 11421 94339 45668
76233 74967 04659 90565 19088 40376 83763 28326 28742 41241
92763 05195 14909 93585 24051 19532 26393
= = 640 640 57 57 00000

12211/10243 kHz, 07-02, 0500/0520 UTC

952 781 781 63 63 = =
72690 82843 05689 72412 54100 55748 19309 85130 36376 38570
80759 79779 00020 75881 98229 98944 41144 39141 58483 98779
27205 74101 07634 71651 04003 04560 13669 77484 46137 53397
15389 07234 68112 66843 87466 26914 38273 52894 76305 75648
62750 69834 86385 16148 31634 25788 21788 61068 44518 75250
12576 23697 57643 23522 80734 66372 19803 74992 25344 45119
89206 86216 31679
= = 781 781 63 63 00000

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

952 430 430 51 51 = =
41553 42581 34241 64787 32928 66588 16675 86124 03879 47257
72553 42925 48649 43581 59783 23433 54518 97292 88758 63285
93012 07710 39450 54203 57090 86371 78315 47306 71458 77391
03829 99488 18226 54475 75306 36307 45076 30528 04721 29808
48148 40809 16192 14729 46808 85550 02843 91521 92510 42985
35702
= = 430 430 51 51 00000

12211/10243 kHz, 09-02, 0500/0520 UTC

No transmission

12211 kHz, 10-02, 0500 UTC.

Technical problems. Several restarts. The transmission ended at 0520z and immediately started the repeat on 12211 kHz but switched after a couple of 952's to 10243 kHz

10243 kHz, 10-02, 0520 UTC

952 384 384 52 52 = =
90651 35445 19683 82389 29311 84877 62652 51945 29037 35337
34556 11758 40805 13853 06269 69793 47386 23996 19249 26384
90654 51190 55867 44635 17362 60317 71168 27957 60547 71537
15733 53163 98790 25275 04355 32576 60472 72299 10198 03570
65250 49845 89129 68993 19930 29697 63919 36913 10909 49192
22991 33105
= = 384 384 52 52 00000

12211/10243 kHz, 11-02, 0500/0520 UTC

952 901 601 52 52 = =
51594 65719 11056 00278 29051 60956 59346 63898 66091 81382
40231 75260 23519 01202 50671 23939 48012 22820 22796 46033
37285 46911 17957 13223 54624 36326 90030 68017 47872 34789
22648 28630 18566 26310 70023 11924 54899 46270 56104 47856
32810 80091 11692 83869 31670 10452 54248 02656 16874 98965
40060 01745
= = 601 601 52 52 00000

12211/10243 kHz, 14-02, 0500/0520 UTC

952 387 387 51 51 = =
85241 21027 51158 34614 24799 09813 78102 24538 51120 28352
22554 91040 32096 11782 13602 21531 89614 68733 65369 16484
50333 28954 83891 67578 55146 84390 41283 72269 50779 40918
03120 14473 11955 22896 19988 66041 67551 97749 19130 88744
29218 12757 57120 41410 45856 61226 19521 21937 32422 20261
79440
= = 387 387 51 51 00000

12211/10243 kHz, 15-02, 0500/0520 UTC

952 861 861 54 54 = =
42035 97756 84457 78573 77919 71998 21855 56946 28965 34365
25531 15300 24402 48949 80671 78172 54968 84653 82834 53595
87063 79705 29297 33599 84036 41831 88632 85830 83027 26243
59443 90977 00826 58661 54196 05674 67164 95537 69083 55589
08892 38670 25865 88370 33464 46404 96620 41145 85186 08605
47345 02259 72650 77579
= = 861 861 54 54 00000

12211 kHz, 16-02, 0500 UTC. Technical problems. Off at 0514z after group 59**10243 kHz, 16-02, 0520 UTC. Technical issues**

952 734 734 66 66 = =
42377 41223 51028 84878 38033 47287 55720 57433 32530 09542
71588 38567 41201 38118 91648 80145 32330 94238 96020 27761
33863 92511 07123 15458 00759 06436 60981 41017 85172 88073
49337 95243 76662 37824 12241 43705 04597 85223 85828 84337
19963 66724 34953 29375 98751 11382 25376 85032 34118 70389
15185 27375 09490 51396 70148 97821 69833 43556 32682 66715
33236 44223 99104 38389 10023 23257
= = 734 734 66 66 00000

12211/10243 kHz, 17-02, 0500/0520 UTC

952 180 180 52 52 = =
69046 74353 10334 48424 09649 93660 48411 46825 43175 76249
72755 08652 68370 60151 70081 25270 05988 43838 81251 18544
28131 76665 72266 89546 70500 63877 78007 31022 63496 65839
17174 95814 43094 96201 01847 38441 27457 48679 90115 71991
70195 07123 55220 07553 26232 18588 69619 68340 91203 34075
27452 95716
= = 180 180 52 52 00000

12211 kHz, 18-02, 0500 UTC. Technical problems. 952 once, then off/back/off again. Then back with group two.

10243 kHz, 18-02, 0520 UTC

952 463 462 52 52 = =
51835 21752 76872 15270 21635 52427 61594 10327 27897 07281
96838 07765 02698 27041 62997 68199 17445 85418 86987 93093
88800 87482 77918 21821 57757 33766 91370 71799 84034 61036
76966 95124 23007 95651 88938 50146 77332 80463 64372 11420
40475 61187 98805 66483 74311 43180 73889 72878 88008 54573
16778 73865
= = 463 463 52 52 00000

12211 kHz, 21-02, 0500 UTC. The usual technical problems. Short stop during group 44

10243 kHz, 21-02, 0520 UTC

952 701 701 52 52 = =
59056 59973 66660 98032 06708 44818 12391 77079 68273 56088
44834 14209 00663 12584 04265 17119 48979 47909 74105 54948
94051 16859 56628 55537 32477 64409 61644 67628 81377 18239
12874 11444 25049 90722 01666 66086 45696 01343 42790 67184
05424 55441 11948 13239 71706 40254 69715 04088 03481 24179
01607 59947
= = 701 701 52 52 00000

12211 kHz, 22-02, 0500 UTC. 952 (R) Off at 0502z

10243 kHz, 22-02, 0520 UTC

952 480 480 51 51 = =
74845 89447 37872 29263 18504 80960 73554 58299 17110 42570
31813 37261 33372 46677 43965 44293 40806 49802 12315 64423
07104 78172 81848 66801 74082 96226 26486 54693 01408 93957
29567 86665 66263 54047 63264 92400 36179 84719 96606 31578
57179 29259 86811 69256 24459 88121 33594 66201 27759 14584
01164
= = 480 480 51 51 00000

12211/10243 kHz, 23-02, 0500/0520 UTC

No transmission. Russian holiday

12211/10243 kHz, 24-02, 0500/0520 UTC

952 673 673 51 51 = =
87933 93671 00942 94573 96052 29537 49893 53757 95643 03571
89024 37118 65303 87930 50005 32361 65409 68752 59777 30534
07814 63379 70465 94280 90872 64255 22574 92604 66994 45406
21179 00565 34893 92469 29793 87360 73738 42188 11594 41224
61387 42314 72706 04571 43883 67866 87221 17845 48415 54666
08637
= = 673 673 51 51 00000

12211/10243 kHz, 25-02, 0500/0520 UTC

952 841 841 52 52 = =
46937 46966 45034 34297 46729 22017 01815 31204 23147 97793
20527 80846 36423 12840 55781 40717 71265 51898 12315 14663
22664 43704 77731 35300 01722 58883 55718 48871 53689 68878
04443 25980 05395 51854 09818 46648 84258 56505 48306 33117
76074 59722 18978 28847 13746 79030 49479 47144 14173 25763
05624 37856
= = 841 841 52 52 (no nulls at the end)

12211/10243 kHz, 28-02, 0500/0520 UTC

952 367 367 51 51 = =
11802 58712 25319 40739 65244 27142 70352 64195 93402 19485
75661 37933 44043 12441 89089 97821 54795 60525 90119 50828
83214 40177 79178 65265 76804 93572 65467 53724 06406 89340
39276 78364 11404 42356 39696 33256 30193 59801 53691 83462
14331 05687 07444 65544 49819 01019 35935 79180 33957 01791
41674
= = 367 367 51 51 00000

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

5175.7 kHz, 14-02, 0844 UTC, i.p.

1909715
9771963536644
9761313193944
9716313795344
9716313795344
1909716
190971697
9761313193146
9771963733246
19897711048
9761313795648

3185//5980.5 kHz, 12-02, 0846 UTC

=991146??8?????
=991147??8?????
=991148??8?????

M23

M23 reportedly started its transmissions on January 31st. The first messages that we can confirm start on Febraury 5th.

Possible M23 transmissions. Visible on the full day waterfall of the Twente sdr

5345 kHz, 31-01, 1557 UTC
5345 kHz, 31-01, 1627 UTC
5345 kHz, 01-02, 1557 UTC
5345 kHz, 01-02, 1627 UTC
5345 kHz, 02-02, 1557 UTC
5345 kHz, 02-02, 1627 UTC
5345 kHz, 03-02, 1557 UTC
5345 kHz, 03-02, 1627 UTC
5345 kHz 04-02, 1557 UTC
5345 kHz, 04-02, 1627 UTC

Confirmed transmissions

5345 kHz, 05-02, 1557 UTC OOO (R14)
5345 kHz, 05-02, 1627 UTC OOO (R14)
5345 kHz, 06-02, 1557 UTC OOO (R14)
5345 kHz, 06-02, 1627 UTC OOO (R14)
5345 kHz, 07-02, 1557 UTC OOO (R14)
5345 kHz, 07-02, 1627 UTC OOO (R14)
5345 kHz, 08-02, 1557 UTC OOO (R14)
5345 kHz, 08-02, 1627 UTC OOO (R14)
5345 kHz, 09-02, 1612 UTC 000 (R7m40s) long zeros
5345 kHz, 09-02, 1627 UTC 000 (R7m40s) long zeros
5345 kHz, 09-02, 1642 UTC 000 (R7m40s) long zeros
5345 kHz, 10-02, 1557 UTC 000 (R7m40s) long zeros
5345 kHz, 10-02, 1612 UTC 000 (R7m40s) long zeros
5345 kHz, 10-02, 1627 UTC 000 (R7m40s) long zeros

5345 kHz, 10-02, 1642 UTC 000 (R7m40s) long zeros
 5345 kHz, 11-02, 1557 UTC 000 (R7m40s) long zeros
 5345 kHz, 11-02, 1612 UTC 000 (R7m40s) long zeros
 5345 kHz, 11-02, 1627 UTC 000 (R7m40s) long zeros
 5345 kHz, 11-02, 1642 UTC 000 (R7m40s) long zeros
 5345 kHz, 12-02, 1557 UTC 000 (R7m40s) long zeros
 5345 kHz, 12-02, 1612 UTC 000 (R7m40s) long zeros
 5345 kHz, 12-02, 1627 UTC 000 (R7m40s) long zeros
 5345 kHz, 12-02, 1642 UTC 000 (R7m40s) long zeros
 5345 kHz, 13-02, 1557 UTC 000 (R7m40s) long zeros
 5345 kHz, 13-02, 1612 UTC 000 (R7m40s) long zeros
 5345 kHz, 13-02, 1627 UTC 000 (R7m40s) long zeros
 5345 kHz, 13-02, 1642 UTC 000 (R7m40s) long zeros
 5345 kHz, 14-02, 1557 UTC 000 (R13m30s)
 5345 kHz, 14-02, 1627 UTC 000 (R13m30s)
 5345 kHz, 15-02, 1557 UTC 000 (R13m30s)
 5345 kHz, 15-02, 1627 UTC 000 (R13m30s)
 5345 kHz, 16-02, 1557 UTC 000 (R13m30s)
 5345 kHz, 16-02, 1627 UTC 000 (R13m30s)
 5345 kHz, 17-02, 1557 UTC 000 (R13m30s)
 5345 kHz, 17-02, 1627 UTC 000 (R13m30s)
 5345 kHz, 18-02, 1557 UTC 000 (R13m30s)
 5345 kHz, 18-02, 1627 UTC 000 (R13m30s)
 5345 kHz, 19-02, 1557 UTC 000 (R13m30s)
 5345 kHz, 19-02, 1627 UTC 000 (R13m30s)
 5345 kHz, 21-02, 1641 UTC 000 (R8m30s) long zeros
 5345 kHz, 22-02, 1557 UTC 000 (R7m40s) long zeros
 5345 kHz, 22-02, 1612 UTC 000 (R7m40s) long zeros
 5345 kHz, 22-02, 1627 UTC 000 (R7m40s) long zeros
 5345 kHz, 22-02, 1642 UTC 000 (R7m40s) long zeros
 5345 kHz, 23-02, 1557 UTC 000 (R7m40s) long zeros
 5345 kHz, 23-02, 1612 UTC 000 (R7m40s) long zeros
 5345 kHz, 23-02, 1627 UTC 000 (R7m40s) long zeros
 5345 kHz, 23-02, 1642 UTC 000 (R7m40s) long zeros
 5345 kHz, 24-02, 1557 UTC 000 (R7m40s) long zeros
 5345 kHz, 24-02, 1612 UTC 000 (R7m40s) long zeros
 5345 kHz, 24-02, 1627 UTC 000 (R7m40s) long zeros
 5345 kHz, 24-02, 1642 UTC 000 (R7m40s) long zeros
 5345 kHz, 25-02, 1557 UTC 000 (R7m40s) long zeros
 5345 kHz, 25-02, 1612 UTC 000 (R7m40s) long zeros
 5345 kHz, 25-02, 1627 UTC 000 (R7m40s) long zeros
 5345 kHz, 25-02, 1642 UTC 000 (R7m40s) long zeros

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

6787 kHz, 14-02, 1300 UTC, i.p. 1S61 1S61 AR

M51a / M51b

Daily M51a and M51b transmissions on 3881/6825 kHz. No transcripts this time

M89 - Chinese Military

3614 kHz, 03-02, 1108 UTC, i.p.

F NR 31/EX 1909 RMKS CQ =

A2E4/AEEE

NR 31/EX 1909 RMKS CQ =

A2E4/P3X1 AR

FF NR 31/EX 1909 RMKS CQ =

A2E4/P3X1 AR HR WK NR 414 HR WK 414 QSL QSL ?

R DE .3C5 QSL TIME1911 HR WK NR 157 K

R ...
R B=3A QSL TIME 1910 HR WK NR 222 AR K
R DE MY6G QSL TIME 1910 HR WK NR 529 AR K
R DE AQ4D QSL TIME 1911 HR WK NR 55 AR K
R DE ...KY QSL TIME 1911 HR WK NR 493 AR K
R R DE ZYU4 QSL TIME 1911 HR WK NR 15. AR K
DE ATY. QSL TIME 1911 HR WK NR 379 AR K

3635 kHz, 03-02, 1118 UTC, i.p.

RPT QSL 1917 K
HR MSG GA K
MSG NR 0366 CK 199 87 0203 RMKS 1253 TO 7744
BU37 7NU4 46TN DUUT A76U A46D ...

10599 kHz, 11-02, 0654 UTC, i.p.

= 3876 AR K
R GA K (Both stations on this frequency)
NU MSG GA
R NR 250 CK 30 54 0211 1450 RMKS 4025 TO 4046 =
AT75 75NU 367A U54U U36T ...
AR K
HR MSG GA
QSL 0456 K
R U MSG GA K
R HR MSG GA
NR 25 CK 31 54 0211 1450 RMKS 4046 TO 4025 K
R GA K
= PAT757. 367AU 54U.. ...
AR QSL ? K
R RPT NR 250 K
NR RPT R HR RPT NR 250 K
NR 266 K
R QSL 1501 HR WR NR 1323 K

M95 - Chinese Military

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

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

HR MSG TO YR PSE CY
NR 052 CK 56 35 0201 1533 =
5AA UTT TTA 3U6 3A4 5T7 5TD 75U 35A U4T 353 4A5 ...
AR MSG AGN
NR 052 CK 56 35 0201 1533 = (Repeats message)
AR A HR MSG GA
NR 02 CK 154 35 0201 1545 =
UTU TTA 3U6 3A4 TTU 773 35A U4D 353 4AN 445 ...

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

4364//8073 kHz, 01-02, 1131 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)
HR MSGS GA PSE CY (1143z)
NR 0090 CK 394 35 0201 1711 =
TTA 3U6 3AN 3U7 TAU 773 TA7 773 354 373 4T3 ...

4364//8073 kHz, 03-02, 1130 UTC, V26: USB. XSV85: callup in Chinese voice

4364//8073 kHz, 03-02, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 03-02, 1142 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)
HR MSGS GA PSE CY
NR 0098 CK 45 35 0203 1638 =
TTU N5U TT3 N53 TAD N54 7TT TT4 746 7T5
7TA 4TA N7D N35 7T5 NAN 74D 336 N3U 7A3

777 TAU 773 TA7 773 TAD 773 TAN 773 TUT
773 TU4 773 TU5 773 7NN D3A N56 4TN 777
7AD N47 3AN 7U5 AR A HR MSG GA
NR 0099 CK 331 35 0203 1638 =
TT3 3U6 3AN 3U7 TAU 773 353 4T3 NN3 ...

4243//9054 kHz, 03-02, 1153 UTC, i.p.

446 3DA N3D 3DU 4D6 75D 4D3 5TN 75U 353
U4T 354 75D 377 4A5 446 34U N3U 467 3DU
4D6 75D 4D3 5AA 75U 353 U4T 354 75D 377
4TN 346 N3D 4TA 445 34T N3U 446 467 3DA
N3D 3DU 4D6 75D 4D3 AR MSG AGN
NR 056 CK 62 35 0203 1547 =
5AA UTT TT3 3U6 3A4 5T7 5TD 75U 353 U4T
353 75D 377 4TA 445 34T N3U 446 3DA N3D
3DU 4D6 75D 4D3 5TN 75U 353 U4T 354 75D
377 4A5 446 34U N3U 467 3DU 4D6 75D 4D3
5AA 75U 353 U4T 354 75D 377 4TN 346 N3D
4TA 445 34T N3U 446 467 3DA N3D 3DU 4D6
75D 4D3 AR A HR MSG GA
NR 005 CK 21 35 0203 1623 =
UT5 TT3 3U6 3A4 TTA TTU TT3 773 35U DN7
353 4UT 445 336 DND N34 446 4D6 3DA N3D
3DU AR MSG AGN (1200z)
NR 005 CK 21 35 0203 1623 = (Repeats message)
AR A HR MSG GA
NR 06 CK 210 35 0203 1644 =
UTU TT3 3U6 3A4 TTU 773 35U N3D 353 4TA ...

9056 kHz, 03-02, 0129 UTC, i.p.

AR K
CY HW K
RPT 57W RPT 57W K (Both stations on this frequency)
R RPT 57W RPT 57W
R RPT 57W A345 A345 K
R RPT 91W TO 95W K (Cont'd repeat groups)
R QSL 0935 QSL 0935 QSL 0935 K
R U MSG GA K
R MSG NR 345/CCK CK 95 45 0203 0935 RMKS 1703 TO 1755 K
GA GA K
= NA3. . 7NA. N3T7 4A5D6U3 ...

4243 kHz, 09-02, 1147 UTC, i.p.

HR 7G TO YR PSE CY
NR 68 CK 36 35 0209 1527 =
5AA UTT TTN 3U6 3A4 5T7 5TD 75U 35A U4T
353 4AA 445 3DA 4D3 5TN 75U 35A U4T 353
4AA 34T N3D 4A5 445 3DA 4D3 5AA 75U 35A
U4T 353 4AA 445 3DA 4D3 AR 7G AGN
NR 68 CK 36 35 0209 1527 = (Repeats message)
AR A HR 7G GA
NR 023 CK 15 35 0209 1547 =
UT5 TTN 3U6 3A4 TTA TTU TT3 773 35A .5U .3T 53 4AA
D3 3DA DA AR 7G AGN
NR 023 CK 15 35 0209 1547 = (Repeats message)
AR A HR 7G GA
NR 18 CK 130 35 0209 1645 =
UTU TTN 3U6 3A4 ...

8073 kHz, 09-02, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

8073 kHz, 09-02, 1140 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)
HR MSGS GA PSE CY

NR 0119 CK 314 35 0209 1601 =
TTN 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 TU6 773 754 353 4T4 NN3 ...

4243//9054 kHz, 14-02, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 14-02, 1150 UTC, M95: CW

HR MSG TO YR PSE CY

NR 02 CK 41 47 0214 1..5 =

U36DTUU5 54A5 UDU 5T36434 ... No spacing between numbers)

AR A HR MSG GA

NR 02 CK 41 47 0214 1..5 = (Repeats message)

AR MSG AGN

NR 02 CK 41 47 0214 1..5 =

NR 078 CK 47 35 0214 1520 =

5AA UTT TA4 3U6 3A4 5T7 5TD 75U 353 U4T 354 75D ...

AR MSG AGN

NR 078 CK 47 35 0214 1520 = (Repeats message)

AR A HR MSG GA

NR 28 CK 163 35 0214 1556 =

UTU TA4 3U6 3.4 TTU 773 353 N3. 35U 4TA ...

4364//8073 kHz, 14-02, 1130 UTC, V26: USB. XSV85: callup in Chinese voice

4364//8073 kHz, 14-02, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: Messages

4364//8073 kHz, 14-02, 1138 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY

NR 0129 CK 26 335 0214 1628 =

TA4 3U6 3AN 3U7 TAU 773 TU5 773 TU5 773

TU6 773 756 353 ...

UM04 - PROMRÖ

4735 kHz, 01-02, 0800 UTC

VVV VVV PROMRÖ = 01 02 =

1000 0670 0720 0880 1310

1200 0730 0790 0960 1430

1400 0670 0720 0880 1300

1600 0660 0710 0870 1300

1800 0420 0440 0530 0760

2000 0330 0350 0420 0610

2200 0320 0330 0380 0520

0000 0340 0350 0400 0550

0200 0340 0360 0410 0560

0400 0340 0360 0410 0560

0600 0300 0370 0370 0530

0800 0480 0520 0640 0960

= ABV =

VVV VVV PROMRÖ = 01 02 =

1000 0670 0720 0880 1310

1200 0730 0790 0960 1430

1400 0670 0720 0880 1300

1600 0660 0710 0870 1300

1800 0420 0440 0530 0760

2000 0330 0350 0420 0610

2200 0320 0330 0380 0520

0000 0340 0350 0400 0550

0200 0340 0360 0410 0560

0400 0340 0360 0410 0560

0600 0300 0370 0370 0530

0800 0480 0520 0640 0960

= AR

4735 kHz, 03-02, 0800 UTC

VVVVV PROMRÖ = 03 02 =

1000 0670 0720 0890 1320

1200 0750 0800 0980 1450

1400 0680 0730 0880 1320

1600 0670 0730 0880 1320

1800 0430 0460 0550 0790

2000 0340 0330 0380 0530

2200 0320 0330 0380 0530

2400 0340 0350 0400 0550

0200 0340 0350 0410 0560

0400 0340 0350 0410 0560

0600 0300 0310 0370 0520

0800 0490 0530 0650 0970

= ABV =

VVVVV PROMRÖ = 03 02 =

1000 0670 0720 0890 1320

1200 0750 0800 0980 1450

1400 0680 0730 0880 1320

1600 0670 0730 0880 1320

1800 0430 0460 0550 0790

2000 0340 0330 0380 0530

2200 0320 0330 0380 0530

2400 0340 0350 0400 0550

0200 0340 0350 0410 0560

0400 0340 0350 0410 0560

0600 0300 0310 0370 0520

0800 0490 0530 0650 0970

= AR

4735 kHz, 04-02, 0800 UTC

VVVVV PROMRÖ = 04 02 =

1000 0680 0730 0890 1330

1200 0750 0810 0890 1460

1400 0680 0730 0890 1320

1600 0680 0300 0890 1320

1800 0440 0470 0550 0810

2000 0350 0360 0430 0620

2200 0320 0340 0480 0530

2400 0340 0350 0400 0550

0200 0340 0360 0410 0560

0400 0340 0360 0410 0560

0600 0300 0320 0370 0530

0800 0490 0530 0660 0980

= ABV

VVV VVV PROMRÖ = 04 02 =

1000 0680 0730 0890 1330

1200 0750 0810 0890 1460

1400 0680 0730 0890 1320

1600 0680 0300 0890 1320

1800 0440 0470 0550 0810

2000 0350 0360 0430 0620

2200 0320 0340 0480 0530

2400 0340 0350 0400 0550

0200 0340 0360 0410 0560

0400 0340 0360 0410 0560

0600 0300 0320 0370 0530

0800 0490 0530 0660 0980

= AR

4735 kHz, 05-02, 0800 UTC

VVVVV PROMRÖ = 05 02 =

1000 0720 0770 0930 1390

1200 0790 0850 1020 1500

1400 0720 0770 0930 1370

1600 0710 0760 0920 1340

1800 0460 0490 0580 0840

2000 0360 0380 0450 0640

2200 0330 0350 0400 0550

0000 0350 0360 0410 0560

0200 0350 0360 0420 0570

0400 0350 0370 0420 0570

0600 0310 0330 0380 0540

0800 0510 0550 0670 1010

= ABV

VVVVV PROMRÖ = 05 02 =

1000 0720 0770 0930 1390

1200 0790 0850 1020 1500

1400 0720 0770 0930 1370

1600 0710 0760 0920 1340

1800 0460 0490 0580 0840

2000 0360 0380 0450 0640

2200 0330 0350 0400 0550

0000 0350 0360 0410 0560

0200 0350 0360 0420 0570

0400 0350 0370 0420 0570

0600 0310 0330 0380 0540

0800 0510 0550 0670 1010

= AR

4735 kHz, 06-0, 0800 UTC
VVV VVV PROMRÖ = 06 02 =
1000 0680 0730 0890 1310
1200 0760 0810 0990 1430
1400 0710 0750 0910 1330
1600 0700 0750 0910 1330
1800 0460 0490 0580 0830
2000 0360 0380 0550 0640
2200 0330 0350 0400 0540
0000 0340 0350 0410 0550
0200 0350 0370 0420 0570
0400 0350 0370 0420 0580
0600 0310 0330 0380 0540
0800 0510 0550 0670 1020
= ABV =
VVV VVV PROMRÖ = 06 02 =
1000 0680 0730 0890 1310
1200 0760 0810 0990 1430
1400 0710 0750 0910 1330
1600 0700 0750 0910 1330
1800 0460 0490 0580 0830
2000 0360 0380 0550 0640
2200 0330 0350 0400 0540
0000 0340 0350 0410 0550
0200 0350 0370 0420 0570
0400 0350 0370 0420 0580
0600 0310 0330 0380 0540
0800 0510 0550 0670 1020
= AR

4735 kHz, 10-02, 0803 UTC.
Late strst
VVV VVV PROMRÖ = 10 02 =
1000 0680 0730 0900 1330
1200 0760 0820 0990 1460
1400 0720 0760 0920 1350
1600 0710 0760 0920 1350
1800 0490 0520 0620 0890
2000 0370 0390 0470 0670
2200 0340 0350 0410 0560
0000 0350 0360 0410 0550
0200 0360 0370 0430 0580
0400 0360 0370 0430 0580
0600 0320 0340 0400 0560
0800 0530 0580 0710 1050
= ABV
VVV VVV PROMRÖ = 10 02 =
1000 0680 0730 0900 1330
1200 0760 0820 0990 1460
1400 0720 0760 0920 1350
1600 0710 0760 0920 1350
1800 0490 0520 0620 0890
2000 0370 0390 0470 0670
2200 0340 0350 0410 0560
0000 0350 0360 0410 0550
0200 0360 0370 0430 0580
0400 0360 0370 0430 0580
0600 0320 0340 0400 0560
0800 0530 0580 0710 1050
= AR

4735 kHz, 11-02, 0800 UTC
VVVVV PROMRÖ = 11 02 =
1000 0720 0770 0940 1390
1200 0800 0850 1020 1500
1400 0750 0800 0950 1390
1600 0740 0790 0950 1390
1800 0510 0540 0640 0930
2000 0290 0410 0480 0690
2200 0350 0360 0420 0580
0000 0360 0370 0420 0570
0200 0370 0380 0430 0590
0400 0370 0380 0430 0590
0600 0330 0340 0400 0560
0800 0540 0590 0720 1080
= ABV =
VVVVV PROMRÖ = 11 02 =
1000 0720 0770 0940 1390
1200 0800 0850 1020 1500
1400 0750 0800 0950 1390
1600 0740 0790 0950 1390
1800 0510 0540 0640 0930
2000 0290 0410 0480 0690
2200 0350 0360 0420 0580
0000 0360 0370 0420 0570
0200 0370 0380 0430 0590
0400 0370 0380 0430 0590
0600 0330 0340 0400 0560
0800 0540 0590 0720 1080
= AR

4735 kHz, 12-02, 0800 UTC
VVV VVV PROMRÖ = 12 02 =
1000 0710 0760 0920 1370
1200 0790 0840 1010 1480
1400 0740 0780 0940 1380
1600 0730 0780 0940 1380
1800 0510 0540 0650 0930
2000 0390 0410 0480 0690
2200 0350 0360 0410 0570
0000 0360 0370 0420 0570
0200 0360 0380 0430 0580
0400 0360 0380 0430 0590
0600 0330 0340 0400 0560
0800 0550 0590 0730 1090
= ABV
VVV VVV PROMRÖ = 12 02 =
1000 0710 0760 0920 1370
1200 0790 0840 1010 1480
1400 0740 0780 0940 1380
1600 0730 0780 0940 1380
1800 0510 0540 0650 0930
2000 0390 0410 0480 0690
2200 0350 0360 0410 0570
0000 0360 0370 0420 0570
0200 0360 0380 0430 0580
0400 0360 0380 0430 0590
0600 0330 0340 0400 0560
0800 0550 0590 0730 1090
= AR

4735 kHz, 13-02, 0800 UTC
VVV VVV PROMRÖ = 1302 =
1000 0700 0760 0920 1360
1200 0780 0840 1000 1470
1400 0730 0780 0940 1370
1600 0730 0780 0930 1380
1800 0580 0540 0640 0930
2000 0370 0410 0480 0690
2200 0350 0360 0410 0580
2400 0350 0360 0420 0570
0200 0360 0380 0430 0580
0400 0360 0380 0430 0590
0600 0330 0340 0400 0570
0800 0550 0600 0730 1100
= ABV
VVV VVV PROMRÖ = 1302 =
1000 0700 0760 0920 1360
1200 0780 0840 1000 1470
1400 0730 0780 0940 1370
1600 0730 0780 0930 1380
1800 0580 0540 0640 0930
2000 0370 0410 0480 0690
2200 0350 0360 0410 0580
2400 0350 0360 0420 0570
0200 0360 0380 0430 0580
0400 0360 0380 0430 0590
0600 0330 0340 0400 0570
0800 0550 0600 0730 1100
= AR

4735 kHz, 15-02, 0800 UTC
VVV VVV PROMRÖ 15 02 =
1000 0720 0770 0930 1370
1200 0780 0840 1010 1470
1400 0740 0790 0900 1370
1600 0740 0790 0950 1380
1800 0520 0560 0660 0960
2000 0390 0410 0490 0690
2200 0350 0360 0410 0570
0000 0350 0350 0420 0570
0200 0360 0380 0430 0580
0400 0360 0370 0420 0580
0600 0320 0340 0400 0560
0800 0560 0610 0750 1130
= ABV
VVV VVV PROMRÖ 15 02 =
1000 0720 0770 0930 1370
1200 0780 0840 1010 1470
1400 0740 0790 0900 1370
1600 0740 0790 0950 1380
1800 0520 0560 0660 0960
2000 0390 0410 0490 0690
2200 0350 0360 0410 0570
0000 0350 0350 0420 0570
0200 0360 0380 0430 0580
0400 0360 0370 0420 0580
0600 0320 0340 0400 0560
0800 0560 0610 0750 1130
= AR

4735 kHz, 17-02, 0803 UTC.
Late strat
VVV VVV PROMRÖ = 17 02 =
1000 0720 0700 0940 1390
1200 0800 0850 1010 1480
1400 0750 0800 0950 1390
1600 0740 0790 0950 1390
1800 0540 0570 0680 1000
2000 0400 0420 0500 0710
2200 0340 0360 0410 0580
0000 0350 0360 0420 0570
0200 0360 0370 0420 0580
0400 0360 0370 0420 0580
0600 0320 0340 0400 0560
0800 0580 0620 0760 1140
= ABV
VVV VVV PROMRÖ = 17 02=
1000 0720 0700 0940 1390
1200 0800 0850 1010 1A80
1400 0750 0800 0950 1390
1600 0740 0790 0950 1390
1800 0540 0570 0680 1000
2000 0400 0420 0500 0710
2200 0340 0360 0410 0580
0000 0350 0360 0420 0570
0200 0360 0370 0420 0580
0400 0360 0370 0420 0580
0600 0320 0340 0400 0560
0800 0580 0620 0760 1140
= AR

4735 kHz, 18-02, 0800 UTC
VVV VVV PROMRÖ = 18 02 =
1000 0710 0760 0930 1370
1200 0790 0840 1000 1470
1400 0740 0780 0940 1380
1600 0740 0790 0940 1380
1800 0530 0570 0680 0990
2000 0400 0420 0490 0710
2200 0340 0360 0410 0570
2400 0350 0360 0410 0560
0200 0360 0370 0420 0580
0400 0360 0370 0420 0580
0600 032 0340 040 0 0560
0800 0580 0620 0770 1150
= ABV
VVV VVV PROMRÖ = 18 02 =
1000 0710 0760 0930 1370
1200 0790 0840 1000 1470
1400 0740 0780 0940 1380
1600 0740 0790 0940 1380
1800 0530 0570 0680 0990
2000 0400 0420 0490 0710
2200 0340 0360 0410 0570
2400 0350 0360 0410 0560
0200 0360 0370 0420 0580
0400 0360 0370 0420 0580
0600 032 0340 040 0 0560
0800 0580 0620 0770 1150
= AR

4735 kHz, 19-02, 0800 UTC
 VVV VVV PROMRÖ = 19 02 =
 1000 0730 0780 0940 1390
 1200 0800 0850 1020 1480
 1400 0750 0800 0950 1390
 1600 0750 0790 0950 1390
 1800 0540 0580 0690 1000
 2000 0400 0420 0500 0710
 2200 0340 0360 0410 0580
 0000 0350 0360 0410 0560
 0200 0360 0370 0420 0580
 0400 0360 0370 0420 0580
 0600 0320 0340 0400 0560
 0800 0580 0630 0780 1160
 = ABV =
 VVV VVV PROMRÖ = 19 02 =
 1000 0730 0780 0940 1390
 1200 0800 0850 1020 1480
 1400 0750 0800 0950 1390
 1600 0750 0790 0950 1390
 1800 0540 0580 0690 1000
 2000 0400 0420 0500 0710
 2200 0340 0360 0410 0580
 0000 0350 0360 0410 0560
 0200 0360 0370 0420 0580
 0400 0360 0370 0420 0580
 0600 0320 0340 0400 0560
 0800 0580 0630 0780 1160
 = AR

4735 kHz, 20-02, 0806 UTC.
Late start
 VVV VVV PROMRÖ = 20 02 =
 1000 0730 0780 0940 1390
 1200 0800 0850 1020 1480
 1400 0750 0800 0950 1390
 1600 0750 0790 0950 1390
 1800 0540 0580 0690 1000
 2000 0400 0420 0500 0710
 2200 0340 0360 0410 0580
 0000 0350 0360 0410 0560
 0200 0360 0370 0420 0580
 0400 0360 0370 0420 0580
 0600 0320 0340 0400 0560
 0800 0580 0630 0780 1160
 = ABV
 VVV VVV PROMRÖ = 20 02 =
 1000 0730 0780 0940 1390
 1200 0800 0850 1020 1480
 1400 0750 0800 0950 1390
 1600 0750 0790 0950 1390
 1800 0540 0580 0690 1000
 2000 0400 0420 0500 0710
 2200 0340 0360 0410 0580
 0000 0350 0360 0410 0560
 0200 0360 0370 0420 0580
 0400 0360 0370 0420 0580
 0600 0320 0340 0400 0560
 0800 0580 0630 0780 1160
 = AR

4735 kHz, 22-02, 0807 UTC.
Late start
 VVV VVV PROMRÖ = 22 02 =
 1000 0720 0780 0940 1390
 1200 0810 0850 1020 1480
 1400 0750 0800 0950 1390
 1600 0750 0800 0960 1390
 1800 0550 0580 0700 1010
 2000 0410 0430 0500 0720
 2200 0340 0360 0410 0580
 0000 0350 0360 0420 0570
 0200 0360 0370 0420 0580
 0400 0350 0370 0420 0570
 0600 0320 0340 0390 0560
 0800 0590 0640 0780 1170
 = ABV
 VVV VVV PROMRÖ = 22 02 =
 1000 0720 0780 0940 1390
 1200 0810 0850 1020 1480
 1400 0750 0800 0950 1390
 1600 0750 0800 0960 1390
 1800 0550 0580 0700 1010
 2000 0410 0430 0500 0720
 2200 0340 0360 0410 0580
 0000 0350 0360 0420 0570
 0200 0360 0370 0420 0580
 0400 0350 0370 0420 0570
 0600 0320 0340 0390 0560
 0800 0590 0640 0780 1170
 = AR

4735 kHz, 27-02, 0806 UTC.
Late start
 VVV VVV PROMRÖ = 2702 =
 1000 0740 0780 0950 1400
 1200 0800 0850 1020 1480
 1400 0740 0780 0940 1370
 1600 0730 0780 0930 1370
 1800 0570 0600 0720 1040
 2000 0430 0450 0520 0750
 2200 0350 0360 0420 0580
 0000 0360 0370 0420 0570
 0200 0360 0370 0430 0580
 0400 0360 0370 0430 0580
 0600 0320 0340 0400 0570
 0800 0590 0640 0790 1180
 = ABV
 VVV VVV PROMRÖ = 2702 =
 1000 0740 0780 0950 1400
 1200 0800 0850 1020 1480
 1400 0740 0780 0940 1370
 1600 0730 0780 0930 1370
 1800 0570 0600 0720 1040
 2000 0430 0450 0520 0750
 2200 0350 0360 0420 0580
 0000 0360 0370 0420 0570
 0200 0360 0370 0430 0580
 0400 0360 0370 0430 0580
 0600 0320 0340 0400 0570
 0800 0590 0640 0790 1180
 = AR

DIGITAL MODES

HM01 / SK01 - Dirección General de Inteligencia

Finally new groups and files, the first since September last year.

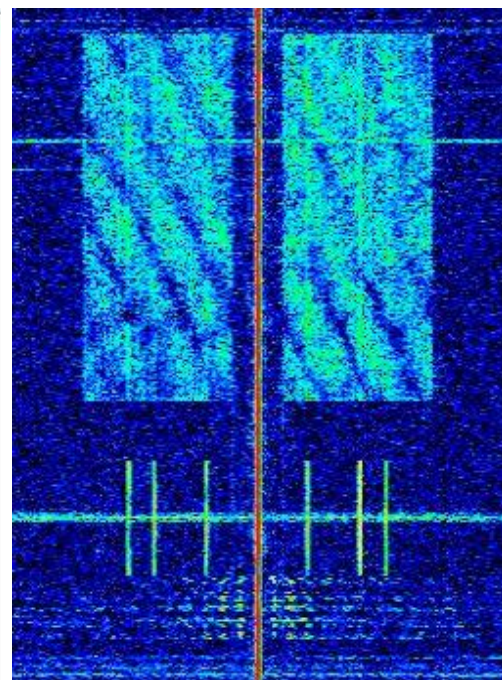
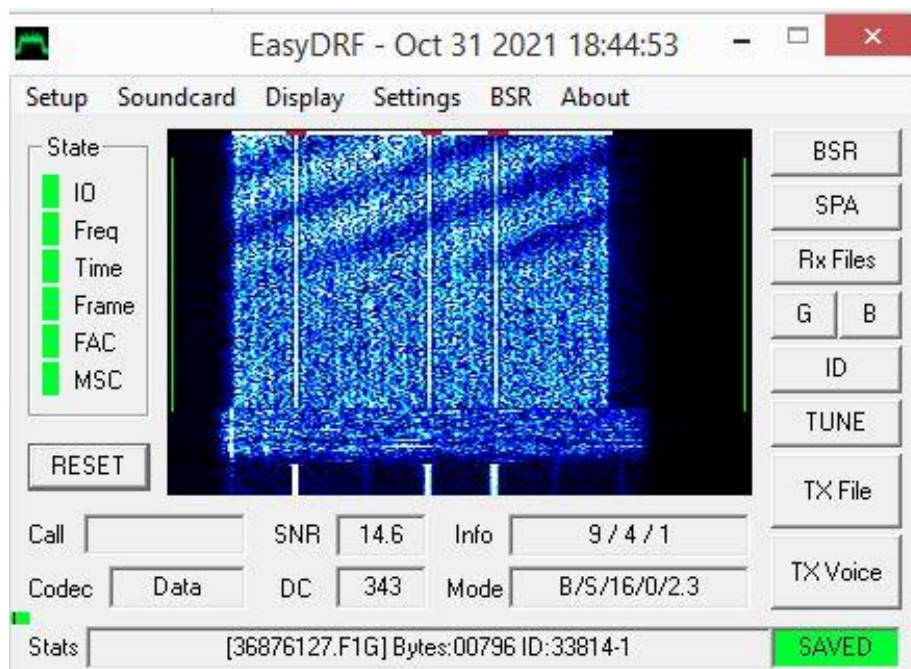
HM01: AM/RDFT

11435 kHz, 01-02, 1608 UTC	76364 34333 86271 01128 87525 20061
11435 kHz, 02-02, 1607 UTC	76365 34334 86272 32121 87526 20062
11435 kHz, 03-02, 1655 UTC	76366 34335 86273 32121 87527 20063
11435 kHz, 04-02, 1600 UTC	76367 34336 86274 32122 75571 20064
11635 kHz, 05-02, 1810 UTC	76368 34337 86275 32123 75571 20065
11435 kHz, 06-02, 1630 UTC	76369 34338 86276 32124 75572 20066
11530 kHz, 07-02, 1659 UTC	73251 67171 86277 32125 75573 20067
11435 kHz, 08-02, 1600 UTC	73251 67171 86278 32126 75574 82001
11530 kHz, 09-02, 1705 UTC	73252 67172 57711 32127 75575 82001

On February 10th, the Cubans started using WinDRM. This mode has been used prior to RDFT. They sometimes use this old mode for a while and then return to RDFT.

You can decode this mode with EasyDRF, the successor of WinDRM.

<https://github.com/DazDSP/EasyDRF/tree/master/Release>



SK01: AM/WinDRM

11435 kHz, 10-02, 1625 UTC

Groups: 73257 67177 57715 86753 61371 82006

Files: 50008675.F1C 50206137.F1C 50008200.F1C 68807325.TXT.lz 03516717.TXT.lz 84415771.TXT.lz

11435 kHz, 11-02, 1633 UTC

Groups: 08352 15521 32767 33585 67724 35381

Files: 3 1870835.TXT.lz 22001552.TXT.lz 46423276.TXT.lz 36223358.F1G 10116772.TXT.lz 00363538.TXT.lz

11530 kHz, 12-02, 1708 UTC

Groups: 28686 08022 15231 51558 20377 46664

Files: 66022868.TXT.lz 36000802.F1G 36701523.F1G 13885155.TXT.lz 00072037.TXT.lz 36614666.F1G

11435 kHz, 13-02, 1606 UTC

Groups: 43641 07114 08643 14543 50241 56516

Files: 18544364.TXT 73660711.TXT 86870864.TXT 18441454.TXT 62505024.TXT 32445651.TXT

11435 kHz, 14-02, 1630 UTC

Groups: 80133 86266 68227 35616 35714 46119

Files: 88178013.TXT 55118626.TXT 26546822.TXT 21073561.TXT 04763571.TXT 56264611.TXT

11435 kHz, 15-02, 1630 UTC

Groups: 27727 77241 81422 82411 38741 13772

Files: 13632772.TXT 36717724.F1G 63658142.TXT 10128241.TXT 17733874.TXT 13632772.TXT

11530 kHz, 16-02-, 1700 UTC

Groups: 61272 17844 71745 87275 63632 55325

Files: 36876127.F1G 88531784.TXT 50257174.F1C 22668727.TXT 43336363.TXT 46155532.TXT

11530 kHz, 17-02, 1701 UTC

Groups: 24045 55747 62019 65071 40844 76878

Files: 76652404.TXT 03325574.TXT 86066201.TXT 17546507.TXT 50774084.F1C 33307687.TXT

11435 kHz, 18-02, 1630 UTC

Groups: 05071 43782 44352 35412 57858 47701

Files: 06500507.TXT 0744378.F1C 32604435.TXT 23503541.TXT 43665785.TXT 42824770.TXT

11435 kHz, 19-02, 1603 UTC

Groups: 60303 28856 61574 30106 77572 70332

Files: 12726030.TXT 27512885.TXT 05566157.TXT 02533010.TXT 37537757.TXT
36127033.F1G

11435 kHz, 20-02, 1612 UTC

Groups: 08377 60161 66338 06129 21004 54514

Files: 56530837.TXT 76776016.TXT 36306633.TXT 07860612.TXT 36252100.F1G 04535451.TXT

11530 kHz, 21-02, 1703 UTC 08377 60161 66338 06129 21004 54514 (repeat of 20 Feb)

11435 kHz, 22-02, 1632 UTC 08377 60161 66338 06129 21004 54514 (repeat of 20 Feb)

11435 kHz, 23-02, 1630 UTC 08377 60161 66338 06129 21004 54514 (repeat of 20 Feb)

11435 kHz, 24-02, 1600 UTC

Groups: 10458 73387 67662 06311 65374 10341

Files: 80141045.TXT 68237338.TXT 27626766.TXT 67000631.TXT 45216537.TXT 46771034.TXT

25-02: no transmissions

26-02: no transmissions between 1600 and 2100 UTC. First transmission at 2100 UTC.

16180 kHz, 26-02, 2100 UTC

Groups: 41151 02721 67664 06313 65376 10343

Files: 70644115.TXT 75510272.TXT 27626766.TXT 67000631.TXT 45216537.TXT 46771034.TXT

11635 kHz, 27-02, 1828 UTC

Groups: 41151 02722 67665 06314 65377 10344

Files: 70644115.TXT 75510272.TXT 27626766.TXT 67000631.TXT 45216537.TXT 46771034.TXT

11435 kHz, 28-02, 1600 UTC

Groups: 41152 02723 67666 06315 65378 10345

Files: 70644115.TXT 75510272.TXT 27626766.TXT 67000631.TXT 45216537.TXT 46771034.TXT

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

10239 kHz, 09-02, 0838 UTC, MFSK-66

12184 kHz, 10-02, 1015 UTC, MFSK-66

13418 kHz, 22-02, 0812 UTC, MFSK-66

12152 kHz, 24-02, 0750 UTC, MFSK-66. MFA Moscow msg to Russian embassy Bucharest

12851 kHz, 24-02, 0812 UTC, MFSK-66

14939 kHz, 28-02, 0826 UTC, 5x10Bd 16FSK + 250Bd BPSK

M42b – FSK 50/500

M42b traffic consists of daily traffic between two fixed stations. Most nets use the same set of callsigns throughout the month. A different set for each day of the week. Operator chat is in Morse and the messages are sent in FSK 50Bd/500Hz shift.

8041 kHz, 11-02, 1024 UTC, CW KE4T wkg L2RS

8021 kHz, 11-02, 1028 UTC, CW KE4T wkg L2RS: QSA 0 QSY 67151 K

8041 kHz, 11-02, 1048 UTC, CW KE4T wkg L2RS

3263 kHz, 14-02, 1820 UTC, CW + FSK 50/500

VVV

W9SP W9SP W9SP DE LM7K LM7K K (repeated)

QSA 4 K

QSA 4 K

QLO 20 QLO 20 K

QSA 4 K

QTC 1 K

OK K

RYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY
713 182 14 1740 3427 =
28928 03865 83318 15009 23434 29691 78063 12401 06734 18047
29796 74254 99060 30417 22581 7908 58859 63501 37253 92749
98947 73741 92817 69238 59016 83591 96536 94842 95419 74210
24416 83108 00059 58937 32283 60395 66024 35145 88891 39554
33687 89366 22235 31020 82651 31699 1822+ 16469 56903 35171 =50=
82500 01658 47812 44503 53003 22898 45202 25196 14146 61812
29923 20144 48627 48093 06362 05946 87770 54925 98336 66124
24632 16783 56807 23416 85266 24271 52833 98331 10491 75703
54231 86182 52388 90110 09358 69740 72207 11363 86457 09737
46139 58085 42018 80378 79079 99071 16562 42072 36997 58867 =100=
81323 68538 51272 83214 84236 70517 05946 19058 68679 83234
43820 88772 63409 09826 52336 63335 67127 37915 15184 64095
76108 71509 40563 47854 28337 45427 02051 54929 62581 14424
52995 24894 15851 34221 00392 09686 07664 76608 49158 38756
84574 49819 52767 19967 23391 88366 31160 52911 16519 13518 =150=
41880 68341 87872 66605 15373 08404 12794 22355 90379 67362
40404 90421 10364 13493 41847 50319 66917 49845 32836 57935
01072 64555 43962 90810 98453 50391 37191 24378 39238 98231
28928 28928 - 1834
CFM NIL QRU? SK

Daily schedule at 0911 UTC on 9353 and 10226 kHz

9353 kHz, 01-02, 0912 UTC, CW + FSK 50/500

KP4W KP4W KP4W DE GRT5 GRT5 K
QSA4 QSA? K
QTC1 K

RYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY
030 100 01 0855 7156 =
81836 28840 90162 74381 38946 83714 94003 84715 40981 53525
83922 46109 74109 90036 84173 16285 94003 74183 38194 83914
93813 50056 61834 80471 46173 18376 92880 17364 18376 04923
93817 46182 04387 27803 84367 12894 64395 61278 13740 46893
17079 83473 80912 75832 50931 84750 74132 82193 83194 73610 =50=
23654 87236 09421 09538 83244 74835 90823 37843 89324 89236
89734 49583 98732 74300 85473 98723 95839 59817 81932 73491
93204 83742 89345 73619 84719 84730 47281 50983 58374 09388
93877 27381 87239 57462 85499 67392 13840 37845 56751 48350
06427 53817 95360 72332 85471 48362 34791 84371 84300 73491 =100=

CFM QRU? K
SLV K
BK BK QRV K
RK
R 034 0920 K
NIL SK

10226 kHz, 01-02, 0912 UTC, CW + FSK 50/500

GRT5 GRT5 GRT5 DE KP4W KP4W K
QSA4 QRU? K
OK ZVP SLV K
BK BK QRV K
R 030 0916 K
R 030 0916 K
QTC1 ZZC ZVP SLD K

RYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY
034 100 01 0900 7361 =
31900 51912 71418 65220 96257 93728 36958 92913 28682 44789

CFM NIL SK

N1RK N1RK N1RK DE 3PRK 3PRK K
N1RK N1RK N1RK DE 3PRK 3PRK K
QSA3 QSA? K
QTC1 K
SLD K

031 100 2 0859 2738 =
 28380 23664 49576 33656 66942 95994 93442 78534 29576 20187
 87673 06808 41195 58433 05364 18658 61520 82874 63504 35278
 69515 92565 44896 80079 75245 77196 17678 38194 83894 67496
 56482 95226 86663 42173 88817 27696 54494 80103 81969 42172
 47026 77558 30299 97008 50966 82929 18731 50007 83822 91912 =50=
 96204 91803 01176 44844 52937 33844 04336 94784 28767 30117
 76180 81575 99142 86654 28496 32663 53273 27494 10435 81178
 79819 46332 78797 03562 17470 96125 09482 55898 08677 49215
 62302 52074 59699 07496 41411 37058 83213 48745 21603 80041
 69302 65982 96519 08882 92442 74298 45997 17227 41615 71359 =100=

CFM QRU? K
SLV K
BK BK K
R 035 0920 K
NIL SK

3PRK 3PRK 3PRK DE N1RK N1RK K
QSA4 QRU? K
ZZC ZVP K
BK K
BK QRV K
R 031 0917 K
QTC1 ZZC

035 100 2 0905 2991 =
89758 41902 02640 28765 29484 14940 44096 30401 19441 01802
89307 65993 66814 72982 70554 94118 28279 26602 32260 64022
38049 20039 27819 25943 90910 47246 66764 27067 14245 44843
94650 76043 70612 46211 65568 81559 82757 48918 06504 47804
16245 21146 56308 47686 71924 28903 01693 05004 37665 56607 =50=
39267 99221 75761 82983 52607 56897 02949 54404 85306 22863
22461 61119 74634 86125 61864 10259 53918 51361 52043 61272
35154 79090 09824 06646 23438 27713 58405 53703 86461 79712
82802 28903 32296 59809 74222 34206 16699 31558 76883 42392
85569 52498 24844 74906 08818 06567 11162 70783 34940 53243 =100=
-0920

40

036 100 06 1840 4081 =
56473 23565 34645 12453 32575 32464 43246 35342 75445 70932
09971 53212 35212 64321 43621 23532 45765 43532 32123 63423
53221 45323 75486 43223
036 100 06 1840 4081 =
036 100 06 1840 4081 =
56473 23565 34645 12453 32575 32464 43246 35342 75445 70932
09971 53212 35212 64321 43621 23532 45765 43532 32123 63423
53221 45323 75486 43223 64323 43654 45743 26321 87632 80321
53212 64332 34673 45643 57463 34321 34732 37545 67843 24355
08778 64378 85473 68990 98520 98931 53253 44463 98432 09832 =50=
76853 87634 23521 43643 45721 56743 67832 09842 89793 09874
89073 90874 74653 32474 54321 54336 74531 98974 07651 45743
08767 96745 48562 08764 98763 96752 85642 43563 26341 63421
67872 87632 76512 63123 08796 86451 63421 32521 73421 51235
87643 12345 73421 09867 99762 87553 09872 87902 08762 74351 =100=

CFM QRU? K
SLV K
BK BK QRV K
RK
R 041 0922 K
NIL SK

10226 kHz, 06-02, 0912 UTC, CW + FSK 50/500

4NRG 4NRG 4NRG DE KO32 KO3W K
QSA3 QRU? K
OK ZZC ZVP SLV K
SLV K
BK BK K K K
BK BK RPT PBL K
BK RPT PBL K
RPT PBL K
RPT K
RK
R 046 0918 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRY

041 100 6 0905 2591=
61263 97661 01452 70448 09849 29408 56974 58316 72739 20986
99605 54514 36245 69311 98592 43461 37017 68119 56572 05259
54905 36882 03026 98411 58908 22569 41343 17997 41264 85428
67979 79345 21885 19410 45261 67801 78966 05769 58038 75748
00526 80560 75183 98886 03727 52458 25899 67923 99127 41750
=50=
47519 46383 12811 98882 48152 09474 63114 36386 82993 28337
57562 98336 01933 68917 59168 49702 45114 50286 00724 20211
19027 19889 24637 00759 55137 57709 03018 94902 82868 57842
90915 98280 39452 27617 01107 95601 09302 81139 18076 41504
22552 55935 14646 15740 87095 83636 37083 35829 55530 16700
=100=
-0921

CFM NIL SK

9353 kHz, 07-02, 0911 UTC, CW + FSK 50/500

4KWS 4KWS 4KWS DE 9TKW 9TKW K
QSA3 QSA? K
QTC1 K
SLD K

RYYRYRYRYRYRYRYRY
037 100 07 0845 2810 =
87643 56732 45623 12435 43212 34532 21453 34621 34532 21364
42153 76532 32521 53212 64323 75432 21425 65432 46312 53212
63423 53212 63443 34623 53223 34643 34721 34712 23643 23621
42134 65432 76512 42135 64312 53212 32464 45643 23643 12564
12453 63212 34623 64312 64323 34623 23612 62312 43623 63212 =50=
35212 43523 64323 53252 87645 54223 64323 52123 63221 63232
98732063212 64323 64323 61223 23512 62321 57434 23464 45707
98745 87656 79890 78987 76509 67854 54367 45387 53212 52334
87645 67534 23564 63432 54357 84523 09812 74568 63412 34632
87642 09673 98742 89099 32564 09954 09853 98632 45787 58643 =100=

CFM QRU? K
SLV K
BK BK RPT RPT K K
R 042 0921 K
NIL SK

10226 kHz, 07-02, 0911 UTC, CW + FSK 50/500

9TKW 9TKW 9TKW DE 4KWS 4KWS K
QSA3 QRU? K
OK ZVP SLV K
BK BK QRV K K
R 037 0926 K
QTC1 ZZC ZVP SLD K

RYYRYRYRYRYRYRYRYRYRYRY
042 100 7 0900 7513 =
042 100 7 0900 7513 =
042 100 7 0900 7513 =
99196 10663 95545 91765 91349 06271 39253 76818 48068 37809
87652 49673 60073 97596 56017 56625 34407 33848 65118 35803
71133 31072 30717 26207 10652 56448 51656 81700 14800 31171
22354 06744 04530 07101 90207 04683 67178 95429 45151 39816
50124 09013 37734 45983 80165 93455 37068 29114 11534 76600 =50=
97611 39127 28678 46316 58700 83765 57967 03900 74264 56949
69511 34436 99884 18180 46731 20073 30916 78307 51453 55739
14249 56891 15788 18644 26964 16742 53942 64098 27548 44961
22974 27227026023 24734 65015 07168 63482 58868 96676 14504
20346 45887 09422 90298 59486 07821 69688 65903 82288 87220 =100=

CFM NIL K
SK

9353 kHz, 08-02, 0912 UTC, CW + FSK 50/500

KP4W KP4W KP4W DE GRT5 GRT5 K
QSA3 QSA? K
QTC1 K
SLV K

RYYRYRYRYRYRYRY
038 100 08 0850 3581 =
74683 62537 85231 73561 82367 56723 67824 43257 14287 75643
23476 12476 72412 54323 64512 76589 07567 45643 65432 23532
12575 76542 64321 53245 56241 53261 45676 46543 42876 65478
42165 76521 52342 64375 42312 23554 87642 65451 87642 56712
07842 05672 46681 76584 87642 51267 12487 56742 12532 53246 =50=
87656 53212 57642 87623 42156 76532 08612 65442 65412 32543
45367 76542 23467 87321 23467 98743 67912 53289 87632 76421
87642 56712 65442 68712 56734 46542 87612 34542 34512 54312
12356 87642 65421 98742 76552 34521 34564 23421 78421 42153

CFM QRU? K
ZZC ZVP K
SLV K
BK QRV K
RK
R 043 0919 K
NIL SK

GRT5 GRT5 GRT5 DE KP4W KP4W K
QSA3 QRU? K
OK ZZC ZVP SLV K
SLV K
BK BK QRV K K K
R 037 0916 K
QTC1 K
SLD K

CFM NIL K

3PRK 3PRK K
QSA4 QSA? K
QTC1 ZZC ZVP SLD K

CFM QRU? K
ZZC ZVP K
SLV K
BK BK QRV K
RPT K
RPT PBL K
RK
R 045 0919 K
QYD 7 K

10226 kHz, 10-02, 0912 UTC, CW +_ FSK 50/500

M2PN M2PN M2PN DE WK3P WK3P K

QSA4 QRU? K

OK ZVP K

BK BK QRV K

RK

ZVP K

ZVP K

RPT ZVP K

R 040 0920 K

QTC1 ZZC K

RYRYRYRYRYRYRYRY

046 100 10 0915 4825 =

31900 51912 71418 65220 96257 93728 36958 92913 28682 44789

88525 41816 67472 29440 08066 23201 10982 63346 12350 58924

12210 06348 56866 23959 89214 49451 86529 54599 36734 35953

93236 67512 81036 91052 90064 40965 25060 63726 12918 52969

15012 67473 12018 09391 92695 46832 76099 47685 21722 75114

50731 47822 22823 96156 87752 14755 10805 15219 44348 73700

38015 24999 72155 66288 34490 26398 65868 30241 21338 00740

70519 75735 59237 08722 84630 64030 20093 97960 63986 60432

93976 93219 33955 57263 22732 51226 63950 56509 43560 01727

38129 57071 65451 42902 94742 04378 20434 38237 51308 64056

CFM NIL SK

9353 kHz, 11-02, 0911 UTC, CW + FSK 50/500

3NRT 3NRT 3NRT DE GRP2 GRP2 K

QSA4 QSA? K

QTC1 K

SLD K

RYRYRYRYRYRYRYRYRY

041 100 11 0845 1046 =

56473 23565 34645 12453 32575 32464 43246 35342 75445 70932

09971 53212 35212 64321 43621 23532 45765 43532 32123 63423

53221 45323 75486 43223 64323 43654 45743 26321 87632 80321

53212 64332 34673 45643 57463 34321 34732 37545 67843 24355

08778 64378 85473 68990 98520 98931 53253 44463 98432 09832 =50=

76853 87634 23521 43643 45721 56743 67832 09842 89793 09874

89073 90874 74653 32474 54321 54336 74531 98974 07651 45743

08767 96745 48562 08764 98763 96752 85642 43563 26341 63421

67872 87632 76512 63123 08796 86451 63421 32521 73421 51235

87643 12345 73421 09867 99762 87553 09872 87902 08762 74351 =100=

CFM QRU? K

SLV K

BK BK QRV K

RK

R 048 0919 K

R 048 0919 K

NIL SK

10226 kHz, 11-02, 0912 UTC, CW + FSK 50/500

GRP2 GRP2 GRP2 DE 3NRT 3NRT K

QSA3 QRU? K

OK ZZC ZVP SLD K

BK BK BK QRV K K

R 042 0916 K

QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRY
048 100 11 0905 8542 =
31900 51912 71418 65220 96257 93728 36958 92913 28682 44789
88525 41816 67472 29440 08066 23201 10982 63346 12350 58924
12220 06348 56866 23959 89214 49451 86529 54599 36734 35953
93236 67512 81036 91052 90064 40965 25060 63726 12918 52969
15012 67473 12018 09398 92695 4683) 76099 47685 21722 75114
50731 47822 22823 96156 87752 14755 10805 15219 44348 73700
38015 24999 72155 66288 34490 26398 65868 30241 21338 00740
70519 75735 59237 08722 84630 64030 20093 97960 63986 60432
93976 93219 33955 57263 22732 51226 63950 56509 43560 01727
36129 57071 65451 42902 94742 04378 20434 38237 51308 64056

RPT K
CFM NIL K
SK

9353 kHz, 12-02, 0911 UTC, CW + FSK 50/500

1PNR 1PNR 1PNR DE NM5K NM5K (repeated)
QSA4 QTC1 K
QTC1 K

RYRYRYRYRYRYRYRY
042 100 12 0900 2718 =
56473 23565 34645 12453 32575 32464 43246 35342 75445 70932
09971 53212 35212 64321 43621 23532 45765 43532 32123 63423
53221 45323 75486 43223 64323 43654 45743 26321 87632 80321
53212 64332 34673 45643 57463 34321 34732 37545 67843 24355
08778 64378 85473 68990 98520 98931 53253 44463 98432 09832 =50=
76853 87634 23521 43643 45721 56743 67832 09842 89793 09874
89073 90874 74653 32474 54321 54336 74531 98974 07651 45743
08767 96745 48562 08764 98763 96752 85642 43563 26341 63421
67872 87632 76512 63123 08796 86451 63421 32521 73421 51235
87643 12345 73421 09867 99762 87553 09872 87902 08762 74351 =100=

CFM QRU? K
SLV K
ZZC ZVP K
BK BK PSE ZTH K
ZTH K
ZTH PBL K
BK BK RPT K
RPT K
R 049 0929 K
NIL SK
NIL SK

10226 kHz, 12-02, 0916 UTC, CW + FSK 50/500

BK BK BK BK QSA4 QSA? K
RPT K
OK ZVP K
BK BK QRV K K
R 042 0919 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRY for 6 minutes, then NM5K asks 1PNR to continue in morse.

NW = 042 100 12 0900 2
NW = 049 100 12 0905 3619 = K
CFM NIL K SK

9353 kHz, 13-02, 0911 UTC, CW + FSK 50/500

K03W K03W K03W DE 4NGR 4NGR K

QSA4 QSA? K

QTC1 K

SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

044 100 13 0900 8503 =

24043 30326 65549 47935 47509 18004 87014 87273 31113 61924

51563 76888 63757 29463 58399 98667 14798 89894 38407 41169

42616 00125 97455 62503 20804 22567 43747 65209 19030 74802

39083 10971 95552 73527 41388 02090 69497 96503 01076 51233

95783 26189 27137 84847 75073 40818 74952 78961 94205 48553 =50=

02466 80408 47972 33358 79876 86292 85831 08031 64291 77580

43840 48793 22422 90874 33450 83341 09339 15134 65133 21136

74921 80896 55479 66192 47712 67858 94530 86206 13104 16.75

21906 41596 64266 04999 7.372 59464 03752 26265 39646 42152

32455 94201 46047 02202 39736 98243 69333 76740 73871 76381 =100=

CFM QRU? K

ZZC ZVP SLV K

BK BK ZTH K

PBL ZTH K

ZTH K

PSE ZTH K

PSE ZTH K

ZTH PBL K

R 044 0924 K

R 044 0924 K

RPT K

ZZC GA THT K

ZZC GA THT K

ZZC GA THT K

ZZC ZVP K

BK BK QRV K

RK

R 44 0934 K

NIL K

NIL SK

10226 kHz, 13-02, 0913 UTC, CW + FSK 50/500

4NRG 4NRG 4NRG DE KO32 KO3W K

QSA3 QRU? K

OK ZZC ZVP SLD K

SLV K

BK QRV K K

R 044 0915 K

QTC1 K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRY for 3 minutes

050 100 13 0900 9719 = RPT K

Back to CW: RPT K

RPT K

R NW = 050 100 K

RPT K

COL COL PBL K

COL COL PBL K

NW = 050 100 K

RPT K

RPT K

VVVVVVVVVVVVVV

RPT K

SLD K

24043 30326 65549 47935 47509 18004 87014 87273 31113 61924
51563 76888 63757 29463 58399 98667 14798 89894 38407 41169
42616 00125 97455 62503 20804 22567 43747 65209 19030 74802
39083 10971 95552 73527 41388 01090 69497 96503 01076 51233
95783 26185 27137 84847 79073 40818 74952 78961 94205 48553
02466 80408 47972 33358 79876 86292 85831 08031 64291 77580
43740 48793 22422 90874 33450 83341 09339 15134 65133 21136
74921 80896 55479 66192 47712 67858 94530 86206013104 16975
21906 41596 64266 04..9 79372 59464 03752 26265 39646 42152
32455 94201 46047 02202 39736 98243 69333 76740 73871 76381

NIL SK

QTC1 ZZC K

03190 05898 71418 65220 96257 93728 36958 92913 28682 44789

CFM NIL K

KP4W KP4W KP4W DE GRT5 GRT5 K
 BK BK QSA4 QSA? K
 QTC1 SLD K

```
0047 100 15 0910 2357 =
0047 100 15 0910 2357 =
0047 100 15 0910 2357 =
=001=
```

CFM QRU? K
SLV BK BK K K
R 058 0918 K
R 059 0918 K
NIL SK

GRT5 GRT5 GRT5 DE KP4W KP4W K
QSA3 QRU? K
OK ZZC ZVP SLV K
BK BK QRV K
RPT K
RPT K
K
R 047 0917 K
QTC1 ZZC K

SK

9353 kHz, 17-02, 0911 UTC, CW + FSK 50/500

WK3P WK3P WK3P DE M2PN M2PN K

QSA4 QTC1 K

SLD K

RYYYYYYYYYYYYYYYYYYYY

049 100 17 0615 8685 =

41849 73172 98195 42119 91952 31837 89085 25834 12444 90831

72489 73078 97705 52237 66100 51144 43814 80907 02492 14658

51663 72608 36317 91794 61600 03568 31119 48330 16779 46347

90853 97645 79880 75118 34601 77001 71388 69555 02680 86799

75335 73475 76714 57514 01662 95866 94129 99238 81554 12173

=50=

69746 93392 18852 96449 22279 61108 78742 55804 24409 61505

65794 87527 51555 00203 62724 60531 11800 21085 95650 37357

63135 71526 85768 01901 49606 73500 46351 82257 84272 27317

67739 50212 25071 35551 25772 19073 93086 04845 29226 55412

55944 47664 97816 41258 77712 37978 24530 09867 25528 19034

=100=

CFM QRU? K

SLV K

BK K K

R 060 0917 K

NIL SK

10226 kHz, 17-02, 0912 UTC, CW + _ FSK 50/500

M2PN M2PN M2PN DE WK3P WK3P K

QSA3 QSA? K

OK ZZC ZVP SLV K

SLV K

BK BK QRV K K

R 049 0915 K

QTC1 K

RYYYYYYYYYYYYYYYYYYYY

060 100 17 0900 7628 =

96920 72429 32641 88300 87404 16462 45850 12254 10774 07230

54794 33209 44550 56291 70369 78822 87888 21141 39804 85206

39865 95477 86664 70786 93793 17057 68946 63421 30908 37007

71140 68973 73480 24567 60972 00903 87612 78265 55093 02060

74062 28439 74647 03529 20739 25323 49868 21666 76060 06351 =50=

40135 26088 64040 08386 06222 22070 34269 71799 85381 50918

63685 03012 26843 01472 55805 97598 67147 95018 55459 95253

40840 64835 89226 91124 19954 07022 58553 51755 44666 27951

36044 54178 54609 18303 04962 71066 31545 91120 99460 39860

16435 70899 62218 82916 91659 69867 89652 34513 49761 66578

NIL K -0918

9353 kHz, 11-02, 0911 UTC, CW + FSK 50/500

3NRT 3NRT 3NRT DE GRP2 GRP2 K (repeated)

QSA4 QSA? K

QTC1 K

SLD K

RYYYYYYYYYYYYYYYYYYYY

050 100 18 0900 2361 =

41849 73172 98195 42119 91952 31837 89085 25834 12444 90831

QSA4 QRU? K
ZZC ZVP K
SLV K
ZVP K
ZVP K
BK BK QRV K K
R 052 0917 K
QTC1 ZZC K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

064 100 20 0909 2579 =

44278 42390 42394 30076 45719 42149 60689 43492 46775 10710
48539 57481 34113 26867 20397 90064 02457 32490 73504003209
04034 94693 21567 30991 27499 19251 45561 95785 00687 53972
01170 30155 21377 69337 06986 84973 30479 40957 69916 89715
43162 74884 13670 53060 04998 77751 21457 64442 87646 81197 =50=
19320 12997 03079 03340 84960 84195 03655 87988 60197 09365
54142 12644 46701 49047 82901 70206 77281 41637 27397 73877
76076 36868 73594 86769 58689 57365 23340 18896 68910 50636
78758 60616 +1260 47038 69761 93376 14689 95136 06222 36139
90188 49376 28089 15430 25657 00515 53783 72311 95923 85140 =100=

CFM NIL K
SK

9353 kHz, 21-02, 0911 UTC, CW + FSK 50/500

4KWS 4KWS 4KWS DE 9TKW 9TKW K

QSA4 QSA? K

OTC1 K

SLD K

R Y R Y R Y R Y R Y R Y R Y R Y R Y R Y R Y R Y

053 100 21 830 8532 =
81836 28840 90162 74381 38946 83714 94003 84715 40981 93525
83922 46109 74109 90036 84173 16285 94003 74183 38194 83914
93813 50056 61834 80471 46173 18376 92881 17364 18376 04923
93817 46182 04387 27803 84367 12894 64395 61278 13740 46893
17079 83473 80912 75832 50_31 84750 74132 82193 83194 73610 =50=
23654 87236 09421 09538 83244 74835 90823 37843 89324 89236
89734 49583 98732 74300 85473 98723 95839 59817 81932 73491
93204 83742 89_45 73619 84719 84730 47281 50983 58374 09388
93877 27381 87239 57462 85499 67392 13840 37845 56751 48350
06427 53817 95360 72332 85471 48362 34791 84371 84300 73491 =100=

CFM QRU? K

SLV SLV K

BK

R 065 0918 K

NIL SK

10226 kHz, 21-02, 0911 UTC, CW + FSK 50/500

9TKW 9TKW 9TKW DE 4KWS 4KWS K

QSA3 QRU? K

OK ZZC ZVP SLV K

SLV K

BK BK ORV K K

R 053 916 K

QTC1 ZZC K

R Y R Y R Y R Y R Y R Y R Y R Y R Y

065 100 21 0900 6814 =

065 100 21 0900 6814 =

28380 23664 49576 33656 66942 95994 93442 78534 29576 20187
87673 06808 41195 58433 05364 18638 61520 82874 63504 35278
69515 92565 44896 80079 75245 77196 17678 38194 83894 67496
56482 95226 86663 42173 88887 27696 54494 80103 81969 42172
47026 77558 30299 97008 50966 82929 18731 50007 83822 91912 =50=
96204 91803 01176 44844 52937 33844 04336 94784 28767 30117
76180 81575 99142 86654 28496 32663 53273 27494 10435 81178
79819 46332 78797 03562 17470 96125 09482 55898 08677 49215
62302 52074 59699 07496 41411 37058 83213 48745 21603 80041
69302 65982 96519 08882 52442 74298 45997 17227 41615 71359

-0917
NIL K
SK

9353 kHz, 22-02, 0912 UTC, CW + FSK 50/500

KP4W KP4W KP4W DE GRT5 GRT5 K
RK
QSA4 QSA? K
QTC1 K
SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
054 100 22 0845 35199 =
87643 56732 45623 12435 43212 34532 21453 34621 34532 21364
42153 76532 32521 53212 64323 75432 21425 65432 46312 53212
63423 53212 63443 34623 53223 34643 34721 34712 23643 23621
42134 65432 76512 42135 64312 53212 32464 45643 23643 12564
12453 63212 34623 64312 64323 34623 23612 62312 43623 63212 =50=
35212 43523 64323 53252 87645 54223 64323 52123 63221 63232
98732 63212 64323 64323 61223 23512 62321 57434 23464 45707
98745 87656 79890 78987 76509 67854 54367 45387 53212 52334
87645 67534 23564 63432 54357 84523 09812 74568 63412 34632
87642 09673 98742 89099 32564 09954 09853 98632 45787 98643 =100=

CFM QRU? K
SLV K
BK K
R 066 0921 K
NIL SK

10226 kHz, 22-02, 0912 UTC, CW + FSK 50/500. Very weak, partly unreadable

GRT5 GRT5 GRT5 DE KP4W KP4W K
QSA4 QRU? K
OK ZZV ZVP K
SLV K
ZVP K
____ ZVP K
BK BK QRV K K
R 064 091_ K
____ ZZC K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
066 100 22 0855 3816 =
99156 11663 9596_ __ 7_9 9_496 2_274 __253 76818 48068 37809
87652 49673 60073 97596 56__ 2_9_7 33_48 65118 3_803 ____
7113_ 31070_620_ 46__ 08_22 56448 51656 81700 14800 31171
22354 06744 04530 07111 90207 04683 67178 95429 45151 39816
50124 09013 37734 45983 80165 93455 37068 29114 11534 76600 =50=
97611 39127 28678 46316 58700 37765 57967 03900 74264 56949
69511 34436 99884 18180 46731 20073 30916 78307 51453 55739

CFM NIL K
SK

N1RK N1RK N1RK DE 3PRK 3PRK K
QSA4 QSA? K
QTC1 K
ZVP SLD K

CFM QRU? K
SLV K
RK
R 067 0919 K
NIL SK
BK BK QRV K

3PRK 3PRK 3PRK DE N1RK N1RK K
QSA3 QRU? K
OK ZZC K
SLV K
BK BK QRV K K
R 055 0915 K
QTC1 ZZC ZVP SLD K

CFM NIL K
SK

WK3P WK3P WK3P DE M2PN M2PN K

(unreadable)
QTC1 K
SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRY
054 100 24 0855 4699 =
054 100 24 0855 4699 =
24043 30326 66949 47935 47509 18004 87014 87273 31113 61924
51563 76888 63757 29463 58399 9866_ 64798 89894 38407 41169
42616 00125 97455 62503 20804 22567 43747 65209 19030 74802
39083 10971 95552 73527 41388 01090 69497 96503 01076 51239
95783 26185 27137 84847 75073 40818 74952 78961 94205 48553 =50=
02466 80408 47972 33358 79876 86202 85831 08031 64291 77580
43740 48793 22422 90874 33450 83341 09339 15134 65133 21136
74921 80896 55479 66192 47712 67858 94530 86206 13104 16975
21906 41596 64266 04999 79372 59464 03_52 26265 39646 42152
32455 94201 46047 02202 39836 71947 69333 76740 73871 76381 =100=

CFM QRU? K
NIL SK
NIL SK

9353 kHz, 25-02, 0912 UTC, CW + FSK 50/500

3NRT 3NRT 3NRT DE GRP2 GRP2 K (repeated)
QSY 57455 QSY 57544 K
3NRT 3NRT 3NRT DE GRP2 GRP2 K (repeated)
QSY 57455 QSY 57544 K
3NRT 3NRT 3NRT DE GRP2 GRP2 K (repeated)
QSY 57455 QSY 57544 K
3NRT 3NRT 3NRT DE GRP2 GRP2 QSY 57087 QSY 57087 K (repeated)
3NRT 3NRT 3NRT DE GRP2 GRP2 SK
BU12 V VVV = K Y
QSY 1678 SK SK Y

10226 kHz not heard

9353 kHz, 26-02, 0912 UTC, CW + FSK 50/500

1PNR 1PNR 1PNR DE NM5K NM5K K
QSA4 QSA? K
QTC1 K
SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRY
055 100 26 0900 9624 =
56473 23565 34645 12453 32575 32464 43246 35342 75445 70932
09971 53212 35212 64321 43621 23532 45765 43532 32123 63423
53221 45323 75486 43223 64323 13654 45743 26321 87632 80321
53212 64332 34673 45643 57463 34321 34732 37545 67843 24355
08778 64378 85473 68990 98520 98931 53253 44463 98432 09832 =50=
76853 87634 23521 4364\$ 45721 56743 67832 09842 89793 09874
89073 90874 74653 32474 54321 54336 74531 98974 07651 45743
08767 96745 48562 08764 98763 96752 85642 43563 26341 63421
67872 87632 76512 63123 08796 86451 63421 32521 73421 51235
87643 12345 73421 09867 99762 87553 09872 87902 08762 74351 =100=

CFM QRU? K
ZVP SLD K
BK BK QRV K
RK
R 067 0824 K
NIL SK

NM5K NM5K NM5 K DE 1PNR 1PNR K
QSA4 QRU? K
OK ZZC ZVP K
OK SLV K
BK BK QRV K K
R 055 0916 K
QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
 069 100 26 0901 6285 =
 99156 10663 95545 91765 91349 06271 39253 76818 48068 37809
 87652 49673 60073 97596 56017 56625 34407 33848 65118 35803
 71133 31072 30717 26207 10652 56448 51656 81700 14800 31171
 22354 06744 04530 07111 90207 04683 67178 95429 45151 39816
 50124 09013 37734 45983 80165 93&55 37068 29114 11534 76600 =50=
 97611 39127 28678 46316 58700 37765 57967 03900 74264 56949
 69511 34436 99884 18180 46731 20073 30916 78307 51453 55739
 14249 56891 15788 18644 26964 16742 53942 64098 27548 44961
 22974 27227 26023 24734 65015 07168 63482 58868 96676 14504
 20346 45887 09422 90298 59486 07821 69688 65903 82218 87220 =100=

CFM NIL SK

K03W K03W K03W DE 4NGR 4NGR K
QSA4 QSA? K
QTC1 K
SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

056 100 27 0850 1488 =

41849 73172 98195 42119 91952 31837 89085 25834 12444 90831
72489 73078 97705 52237 66100 51144 43814 80907 02492 14658
51663 72608 36317 91794 61600 03568 31119 48330 16779 46347
90853 97645 79880 75118 34601 77001 71388 69555 02680 86799
75335 73475 76714 57514 01662 95866 94129 99238 81554 12173
=50=

69746 93392 18852 96449 22279 61108 78742 55804 24409 61505
65794 87527 51555 00203 62724 60531 11800 21085 95650 37357
63135 71526 85768 01901 49606 73500 46351 82257 84272 27317
67739 50212 25071 35551 25772 19073 93086 04845 29226 5541=

RPT K
KK SLD K

056 100 27 0850 1489 =
=001=
43091 82552 76890 03542 87973 21777 85214 61879 46674 44955
21455 62292 54840 68039 37091 27752 15553 17052 21205 93776
71372 27248 75228 15364 00537 60694 10910 86758 62517 53136
75373 05659 58012 00811 13506 42726 30200 55515 72578 49756
50516 90442 40855 24787 80116 97222 94469 25881 29339 64796
=050=
37121 45518 83299 92149 66859 26610 41575 41767 57437 53357
99768 08620 55596 88317 10077 10643 81157 08897 54679 35809
74364 97761 03384 91113 86530 00616 49719 71363 80627 36615
85641 29420 70908 41834 44115 00166 73225 50779 87037 98427
13809 44421 43852 58098 73813 25919 91124 59189 27137 94814

K03W K03W K03W DE 4NGR 4NGR K

QYD1 K
QRU? K
SLV K
BK BK ZTH
ZTH PLB K
ZTH PLB K
ZTH PBL K
ZTH PBL K
RPT RPT K K
R 07 0933 K
QLD1 K
QLD1 K
NIL SK SK

10226 kHz, 27-02, 0912 UTC, CW + FSK 50/500
 4NRG 4NRG 4NRG DE KO3W KO3W K
 QSA4 QRU? K
 OK ZZC K
 SLV K
 BK BK QRV K K
 BK BK BK RPT TXT K
 RPT TXT K
 RPT PBL K
 RPT BPL K
 BK BK BK AGN
 RPT PBL K
 RPT PBL K
 SLV K
 RK
 R 056 092 K
 R 056 092 K
 4NRG 4NRG 4NRG DE KO3W KO3W K (repeated)
 BK QSA3 K
 RPT
 QTC1 ZZC ZVP SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
070 100 27 0905 4719 =

NW = 070100 K
NW = 070100 K
RPT K
CFM NIL K
RPT K
NIL K
SK

FSK 200/500

8155/6844/4527 kHz, 02-02, 1940/1950/2000 UTC
Null message: 5761 00000 +++++ +++++

12184/10169/8079 kHz, 01-02, 1015/1025/1035 UTC

85964 32632 02532 00178 80950 31427 61426 47295 19886 43527
 12475 72361 79794 43197 47675 13768 19597 34868 13379 99235
 32758 31516 41416 23394 31686 13616 10159 55955 68547 15511
 25042 44828 22203 15300 06830 94438 50940 74018 08714 85860
 75688 99137 82098 21300 43428 30307 99025 04994 25441 99401
 46194 82024 80125 38331 57735 70982 15046 33037 78957 51403
 67906 47118 78224 91943 91143 63526 49176 30206 94810 17762
 70458 40163 27459 21012 15169 48118 99689 96667 27194 83143
 80069 78657 06625 72916 18103 45037 71447 20916 73932 85267
 87686 70901 00000 00000 00000 00000 00000 00000 00000 00000

30950 73404 90450 34238 44408 68752 69471 50817 84974 11400
 39121 67736 46056 64752 73232 13228 39097 12466 97291 25725
 86318 90913 94504 02978 60043 54559 76427 73923 35792 10182
 97821 91745 51333 80878 20446 71564 88882 85800 55459 21190
 22625 46540 39115 38385 98767 56119 21462 73063 40294 71512
 72701 77870 93607 15644 36920 95578 59272 99792 87869 56740
 74004 02345 66485 86026 36135 64835 04831 40698 91711 91208
 66151 29644 23432 61237 55739 86419 09600 94045 82273 94731
 45281 22662 74345 80083 00000 +++++

12184/10169/8079 kHz, 02-02, 1015/1025/1035 UTC

46545 93278 73755 67629 06668 36363 13153 42585 61834 66780
 01328 79830 09503 10264 34216 70343 36075 31425 72831 84011
 90088 43435 10448 99291 99251 36951 35973 13822 92258 32966
 16950 53182 11338 89275 50624 19982 26451 15237 56516 50474
 87097 74525 08936 70869 72644 80563 32874 70548 27141 14307
 11710 34357 89532 19096 80177 01166 55229 52227 01014 40895
 29956 97968 48747 67176 61828 71672 49045 27850 62583 69700
 47066 40483 53914 44828 03255 65089 99836 11837 40018 31252
 11028 12953 87711 61818 32077 97853 03385 60372 47580 97901
 60716 54663 68026 99306 34580 13171 81403 44902 28674 77012
 81457 19223 19652 74365 08563 96571 16206 09597 64114 56775
 65161 44285 84403 98200 92522 12330 84895 03087 34453 36324
 10861 34264 54036 37390 55285 68558 69848 55655 30012 96205
 63229 23561 01032 41088 98188 59192 23881 81453 43772 71812
 40074 75812 22295 96796 20497 23700 31892 02141 66728 15983
 16826 33745 06193 54417 83986 91651 42111 45116 89012 54433
 44164 95640 40491 93899 90822 70391 95650 47341 99272 83982
 46001 39467 03876 37300 16349 71243 69101 25913 25633 17811
 47874 75544 83012 02671 21259 84277 17645 40336 80444 76185
 65594 64617 36934 96075 62304 84743 71913 00040 14079 36506
 60700 21481 47001 20+06 33241 17330 56730 45397 56571 24115
 07620 16212 50196 78584 54582 38451 70305 82572 86153 26644
 23788 16782 12180 36636 97958 33192 44573 63126 16948 80753
 44572 69692 60692 44082 34943 43586 07456 99826 00557 92341
 85825 20394 25788 24529 47119 79730 42166 81747 94139 40842
 84712 14088 27209 29737 80416 16229 93435 25483 17267 66377
 50132 21065 67295 35218 78336 34734 62061 57075 07366 76525
 44006 80471 36342 99648 42139 40260 63632 91419 45460 18535
 60132 83440 72589 86494 47336 85691 61015 44449 66127 74254
 24415 02163 47236 87320 51474 66713 19286 09095 44652 30058
 15381 46974 22322 73496 64164 29592 32734 31215 76285 83905
 53220 80098 62217 67531 73109 48000 42359 63100 83749 57659
 35357 63626 24112 48444 35591 03678 55397 43120 15755 16037
 63074 51826 15475 18535 09808 30437 01897 60749 87696 35517
 13190 85250 43268 43039 20889 83095 73664 23058 72031 48231
 17453 87538 97010 60528 88513 53500 94090 52105 26416 88695
 26520 36644 61750 31989 93180 06380 19830 05627 58708 26457
 11216 61601 54022 81332 82485 29266 83206 52921 25706 56430

97669 35162 70025 61075 23537 14705 03837 35923 53191 72387
00943 73006 36920 85213 49162 00464 35596 33495 04819 48712
20328 42366 21540 88213 30021 15839 26817 06006 22790 32612
44750 13192 82152 81413 00000 +++++ +++++

12184/10169/8079 kHz, 03-02, 1015/1025/1035 UTC

45223 91936 53248 95419 93842 96260 47304 59409 40063 47306
45111 75715 29725 95146 76416 64921 99988 71854 07901 67051
59067 33899 73939 89105 92615 37850 73855 85103 32718 29065
34126 60839 50412 48060 58958 20532 57684 84232 17688 97554
29876 31648 42430 36438 84436 26555 34418 18326 76962 71326
02475 47077 00461 74523 82051 38204 98767 61749 08267 77820
30069 36996 41389 43805 41454 99166 68198 06361 40446 43462
27661 50145 74434 02317 34365 85181 53963 05572 98142 38724
80799 64579 63316 45261 66725 09911 16025 76863 53995 37374
33040 81037 73380 42017 70531 18295 00758 44805 16210 16616
98169 82101 00000 00000 00000 00000 00000 00000 00000 00000

25701 17252 72339 17987 39858 55411 79227 28862 56399 48825
99348 92289 75433 92443 54501 27485 19186 03134 32712 68021
97694 16893 18045 29601 41392 20532 92764 39634 42776 28765
66554 02079 74350 42653 12471 95971 75015 50332 14330 31081
22113 55959 55197 09137 31291 47822 01684 64054 51404 41547
63733 79606 46606 59341 34579 07973 82842 31204 40569 37601
60927 29057 55537 83831 63389 83065 00000 +++++ +++++ +++++

12184/10169/8079 kHz, 04-02, 1015/1025/1035 UTC

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

12184/10169/8079 kHz, 07-02, 1015/1025/1035 UTC

49841 20391 25848 27633 88867 80646 12811 91160 51549 26590
41820 15766 87900 52601 81328 01504 62132 74435 58626 02368
06991 44671 55826 99997 61011 82713 78610 41140 24611 99024
96166 31083 95974 18292 75750 00221 72657 31201 60316 85959
29854 29513 62654 97140 11256 04132 74461 53170 93456 10842
13802 15042 09816 33416 59373 50442 44745 98767 45036 00131
34334 23846 13027 37766 34265 98951 49306 40392 40949 37174
49467 11738 76825 44621 88657 25552 75751 91143 93928 81139
29432 86226 42478 88286 80827 89756 34199 23780 75460 12330
11986 26683 06576 84801 28237 24578 15090 01761 80975 07950
30254 68622 68044 94898 61984 07012 32806 53380 80786 98146
99776 73141 46218 68886 23647 04561 69819 50154 00114 06570
23458 62400 11968 70834 29022 07807 08875 14406 90392 73924
44282 58008 53646 78413 17891 32161 06412 09591 97138 78317
52328 42462 16115 37220 21537 34934 75362 41636 03145 33885
90992 55685 10601 45793 66550 27935 15916 51591 86080 50451
13674 70460 51811 40995 00761 02231 14912 90550 82751 03079
72755 43371 42902 74224 31113 01735 34673 68290 54742 72594
83722 43036 54773 98309 10314 17135 86367 38644 08067 07694
55056 96226 40002 54198 55210 02650 37797 58565 89076 07411
15210 96009 39820 36856 31598 76381 97007 15353 66474 60693
57963 65833 91032 62507 53454 31943 47584 88865 71112 88938
72845 00469 75067 35558 26004 95778 45190 84025 07516 48725
84414 90393 79555 54727 67560 92405 24067 64691 30093 47056
99349 11691 20270 85060 81116 60010 63097 24394 98963 31235
09544 10104 04184 87081 69442 72583 29871 73657 51524 21485
29242 56828 59020 17468 03122 03390 14263 88960 52524 87725
10729 86140 17272 28643 15965 89297 86580 86070 73828 13785
92564 72307 79480 78737 22579 57509 25569 31753 11356 74101
43047 46707 98860 49806 85048 36910 64800 23968 27279 50777
75746 26869 83335 42213 05775 26724 58415 32878 16591 74026
89834 08551 08061 97960 47805 16754 75087 34543 94902 57831
31776 91190 27657 86681 88820 77401 48718 67312 95049 56243

43023 47424 79072 96319 56398 45191 51956 28919 00050 65446
56879 40026 29364 87440 76692 51883 70463 91375 35331 73786
92956 15893 54009 26816 52314 63709 48133 72171 50310 97578
75888 97811 86971 93779 74404 43084 02464 45308 44475 66026
32361 31963 69735 83032 24729 99512 81258 35575 92460 15139
03493 63653 99309 91326 42495 90682 03043 95406 02373 49484
04168 86924 40897 04081 73661 50038 00208 46986 58139 13109
73554 76657 85902 72697 94016 84821 22304 64140 56121 08352
47868 45894 06318 25374 57601 84415 00000 +++++ +++++ +++++

12184/10169/8079 kHz, 08-02, 1015/1025/1035 UTC

71629 78046 40834 76770 33836 68106 19375 76205 92301 05094
18531 97658 00880 19289 69752 73646 73491 12007 13185 47745
17246 39967 13264 21312 09808 20856 80270 29994 25680 83512
15020 35960 41107 11190 18898 46788 72278 51305 36401 96956
26513 90150 22396 52862 71134 15967 51268 27322 49690 18843
10151 14476 00242 00862 43428 81042 55372 94947 40689 74853
28639 15832 85337 36621 17128 91593 06017 25855 74810 49194
98070 96883 36392 52469 07201 85909 96332 15980 92524 95033
72733 43197 11211 84194 10773 62427 91885 06955 05381 58942
89000 51067 47840 26724 35336 69769 25997 85097 00000 00000

39258 44245 36674 78121 15974 53850 88960 31456 95175 77648
72567 00999 42525 23017 94772 50069 84258 44363 18704 24754
78037 41094 71928 90597 65131 62315 88731 37748 64901 22971
09522 71741 97496 61081 85807 32132 45711 90793 64177 06127
91944 30913 47714 29435 91191 13614 58300 91515 66005 03011
48226 87395 34377 78284 34564 83270 06452 61045 54726 88052
11043 91615 66655 48065 37856 83935 42077 07077 06385 13764
26264 98841 97394 19868 62733 64360 07949 22888 06327 11026
15903 91569 73109 55852 64810 11042 00519 19983 05178 32836
16203 66641 53003 11329 38995 86095 00000 +++++

12184/10169/8079 kHz, 09-02, 1015/1025/1035 UTC

24923 47494 53382 43116 93958 87590 20540 72730 13421 53072
44966 60711 86390 02295 08160 38165 61443 18344 01602 17737
53052 04807 74350 75367 69118 17184 58873 23163 94073 72141
86022 28065 00982 01770 25124 56011 91084 45064 10091 46267
84223 93788 37513 45627 08583 34928 47657 57160 63178 56905
24316 83200 51548 11760 74438 67258 10066 50467 73485 64545
79316 73594 87446 95803 91987 64469 07452 64117 75690 97062
57918 39408 94165 35761 64177 40288 75306 69225 90496 67961
99433 45512 84465 71872 46259 00660 88655 51771 23984 97916
05510 25898 28959 19798 26386 19966 09354 80163 60702 56630
31259 48508 26120 50140 70674 03638 85688 35846 79812 58934
42915 89258 01155 26388 30669 14355 27698 11583 54881 05798
32831 56834 78956 14777 18282 74653 59859 73147 53556 38731
71780 55561 05337 24631 78354 84261 80241 17375 39340 06262
29412 28116 62713 97552 88348 87070 38112 74063 50443 04917
12555 14042 97632 19835 94400 21550 36627 72378 96448 85757
14135 75365 54149 15730 09534 70975 79844 55383 28423 92245
38986 08312 45479 71142 59255 27158 70085 60408 08538 47226
33135 61361 02682 69021 18473 74845 28978 19398 87400 17502
96297 46014 69688 70571 47834 24771 19522 53399 97374 84927
59833 38831 75044 81582 63452 52698 93464 70200 44497 24563
70255 62883 58475 81931 67827 71065 34499 05106 36387 64315
88071 84864 71113 99951 87881 50168 19428 03133 75032 58072
99292 02132 58153 63029 14494 48474 32829 07781 77829 76618
98778 03009 78136 82888 73231 87952 52119 28316 23923 89168
46889 95108 70171 19620 84165 51414 25441 85284 62079 04073
79863 91475 55506 44043 46124 66048 00879 14198 17173 41701
76400 54165 09188 64531 13613 01907 88228 21062 01250 56728
04017 00899 67307 33396 79291 37236 50284 62060 28155 92364

95503 13664 01875 80403 37490 55523 85550 44408 54303 66781
94108 30081 04790 68403 41044 23232 84679 47416 78357 43210
62470 80068 31116 09473 81029 83608 75088 23489 35864 51360
30874 33163 65978 50789 72985 71963 18278 89244 77297 89943
71435 77059 55322 18856 30174 42710 48730 38521 25897 79707
82571 36661 84598 29917 00620 79380 48003 32990 31280 34473
58861 96595 57512 14749 46342 67147 89181 33574 72466 05693
61296 89799 25504 98682 06563 24274 71289 58273 75689 15122
98383 91883 03886 03991 18012 45666 46986 70424 04740 51596
35648 96589 88795 32863 21046 89500 35997 47245 10508 52968
76215 73167 16538 26436 66301 68113 67643 32894 98437 54096
54431 03073 89822 09861 09377 68086 14652 87407 00000 +++++
+++++

12184/10169/8079 kHz, 10-02, 1015/1025/1035 UTC

00564 39935 01092 30721 34950 45706 18558 58274 59673 33308
22502 37668 04898 50230 08658 13945 02747 66624 50499 43132
51593 40548 44262 11059 78902 75903 17327 69070 88536 02719
48437 28818 03476 34500 73153 83322 39880 82304 73015 46500
73446 30252 71817 28318 83979 02142 87462 87799 89124 73878
12816 31036 03202 11372 23995 46412 82073 38630 39549 94221
39979 65703 78944 92870 49292 31186 93811 68843 59111 38948
70379 62631 93647 93803 26537 07804 16325 65783 51969 25409
70549 37715 64785 00901 33071 15784 83101 35764 40883 07778
34990 88091 00000 00000 00000 00000 00000 00000 00000 00000

07955 12929 16728 89678 45691 14618 91273 98262 94755 24916
39040 75400 56640 38666 46130 86053 03405 27377 01121 03260
25988 49520 90296 03043 02534 60927 93369 61772 78926 86215
84377 79398 78724 37190 67444 77006 84669 89159 02092 42120
58970 51092 97788 20204 94540 90564 82426 75783 14386 99423
74405 71645 61313 11123 13029 39529 45172 05640 26877 40768
39791 62941 44860 40307 46820 50916 79639 42533 68646 58718
38091 62368 57580 11456 38510 30044 33505 27173 39249 53009
87165 02042 08456 83408 11286 34728 89622 64557 26717 25841
42619 54862 95780 13434 64902 52621 40014 30461 22590 70134
04496 95155 46084 30578 35936 89105 00000 +++++ +++++ +++++

12184/10169/8079 kHz, 11-02, 1015/1025/1035 UTC

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

12184/10169/8079 kHz, 14-02, 1015/1025/1035 UTC

70723 48464 67350 54889 94192 04061 71616 82940 44507 88237
67159 92046 37517 43318 55898 18340 61573 24504 56105 39490
11550 13765 90587 09348 30786 73269 72613 81342 96864 18066
88039 12856 12189 12678 97059 67723 85269 21321 04023 59077
13683 66415 68759 99708 04616 75086 57839 52132 93955 18350
59215 95547 49848 72646 08687 51885 71662 58438 01604 38117
20313 35539 88280 37029 40856 59870 76520 03634 63314 31330
89720 49421 92663 87466 53970 71619 23913 22634 12603 19673
43220 37330 91612 16107 00986 47390 64396 73980 67846 07741
89248 78103 09529 30383 18049 22214 41477 01307 99569 19300
49212 26018 25864 27251 85344 58363 95144 57034 79185 92345
89612 55568 19903 21618 91662 80501 99131 96332 86903 09068
24013 32052 27430 48213 36569 50387 53795 38173 00370 56068
99104 66709 40413 80128 23672 36159 47180 43887 53694 50520
80774 23418 22351 14737 36099 19200 36797 63377 55015 60625
19458 60896 96399 00063 97091 40670 00056 76154 36037 74984
05410 51046 47085 93165 10928 51218 08426 90047 85192 66634
80095 91958 65579 87860 08365 72411 05469 85874 43505 34692
55928 64229 19371 03524 92805 38273 68243 93012 25171 21102
69350 43034 46040 20945 54534 41282 11330 79655 19468 73133
57960 07012 13888 66541 97065 90494 09263 24137 43235 85252

67342 59717 65727 13920 58018 81324 72596 30997 99952 88087
63660 31456 22376 73024 13264 08282 71538 48987 68755 88621
10205 39945 75628 03240 83672 04775 65260 68954 50717 85769
66182 88756 02925 99037 24830 99284 20837 08984 46695 20363
40352 54058 93832 86258 27817 15967 99645 63386 87244 49521
86903 84110 48104 15325 99904 51351 07112 82475 86752 93687
22461 93478 92657 75622 83931 08548 50214 92723 07326 71497
77590 06307 26638 64397 20557 97361 82437 43188 99315 44401
29863 71434 46035 54927 14698 94425 44056 05192 90932 20776
04694 67952 78289 03746 42570 32899 83105 39456 35424 49448
31046 24177 79331 46582 85066 37893 75268 09431 47065 46325
07965 17281 66668 38594 02975 72691 05578 42714 72916 76418
30924 86116 88798 27821 36064 93366 37392 55448 12251 38285
50564 07485 19624 92644 17533 56752 30958 38644 15962 99944
46591 37331 22844 55791 03994 70174 91107 91833 30400 95969
02878 34501 11936 90254 35345 42177 77704 59447 00159 45941
22232 46866 42302 87669 14746 72834 09369 10194 68694 76060
27195 79193 69966 48467 42772 41514 87238 80668 20383 49598
12883 60282 01898 06724 07883 90256 67170 12719 49195 19408
55467 14865 02981 02347 33868 93652 72160 30996 23577 38096
91719 04869 20089 90280 70208 32309 68126 63839 00864 79875
77311 90421 00000 +++++ +++++ +++++

12184/10169/8079 kHz, 15-02, 1015/1025/1035 UTC

89080 77168 24781 83193 24506 39717 96176 91153 07779 16343
94954 35069 36363 98730 76389 50564 59640 65110 63247 84548
52560 67262 74562 07857 22596 84028 86936 90488 29681 39760
20546 00382 23827 11151 67035 11655 30102 70881 01501 33268
35662 41519 45744 94023 58516 58112 74976 44855 02726 62907
85171 64340 29706 80636 63252 78371 00339 47810 27289 29924
67565 94448 28919 59862 24162 01690 35143 84718 35374 83722
31720 82374 11101 67464 15317 21602 97321 68432 66631 96378
91447 86249 21641 50936 11282 68212 83202 06458 72286 14357
40154 91091 00000 00000 00000 00000 00000 00000 00000 00000

81841 68316 35092 96958 51141 95842 60970 83128 43530 53666
70408 36510 64338 41952 06783 61751 50644 90299 14158 34519
32520 82736 56005 63848 88518 53904 89882 34278 00090 79870
15252 13701 34603 12015 36633 37880 11679 27407 09280 07565
32497 94138 59555 59138 76793 75021 97207 94734 97211 18116
61726 82773 65710 07501 69967 64838 51703 72743 57239 29839
36630 80490 29023 41399 94638 56635 65540 29402 94070 12482
46325 81637 99425 92073 00000 +++++ +++++

12184/10169/8079 kHz, 16-02, 1015/1025/1035 UTC

50145 96735 27458 39015 56844 22897 46110 94044 53638 79069
07808 05839 24747 73336 62914 50897 51086 77347 79996 98687
88168 84558 80801 05290 28084 88888 77291 17294 12750 19727
90403 84395 90620 94218 55254 04116 34037 72775 42439 47085
59412 28752 50143 36338 17437 68210 46739 79041 45488 60724
68557 74108 99434 67162 02523 44126 07027 75367 08339 65034
10052 79696 59916 91998 87444 65340 10719 04918 76554 83364
12730 21984 34727 27413 43716 54758 08421 48009 22480 03186
02019 65390 16788 13986 63545 66817 73662 50859 29456 99293
26726 49956 95703 93628 60277 59024 07256 80792 34805 83695
83262 86487 03600 89333 20051 14884 75182 31888 39141 57448
01207 16190 72472 87817 94546 05122 02021 28630 07247 28114
95993 01281 23015 62380 08806 94519 43966 85361 37005 12829
76280 21783 48338 90530 44482 33789 26161 82557 89013 27577
96353 67805 26805 74973 28957 26040 79508 73384 31694 74266
99111 92575 77573 73504 45583 81688 33770 41927 96272 34962
83954 35263 91724 39578 61271 80443 47618 54069 34149 73390
87491 90740 12126 76918 75970 00521 63891 79656 57159 83703

64712 01957 27909 74995 15445 59702 00620 76325 00321 21971
35299 35843 75681 23476 45531 96542 06865 17736 08066 62955
95418 81902 30712 59353 63838 09190 58212 77879 90007 49825
20797 40069 08533 86493 55099 20184 21168 55175 52126 03799
83493 47336 11963 80081 60072 54406 09902 91197 65231 40481
03693 87290 31687 54176 36583 60454 74184 15584 15854 56157
40349 39269 71531 85535 65928 79232 24958 87016 76613 06785
21916 10679 03639 57266 09990 23817 05330 06560 64856 61130
11800 63318 95180 67980 34982 87853 80823 10146 11169 73627
24028 48525 68274 52273 18287 02222 34981 08091 64573 48430
33968 12957 89615 32596 26417 17571 45923 87251 99964 60001
98222 82988 17310 77443 26023 59993 67645 32142 96966 13589
88109 87409 90681 32219 47452 94683 77799 11304 09087 77548
83843 91424 15729 23679 92664 94247 62802 20619 69113 54652
52805 96358 05644 72481 47814 50618 22526 32359 62330 87810
76358 65011 63636 87583 56575 48533 71863 73910 74617 73026
76954 68647 75483 17061 14706 40501 26314 09389 69082 85345
61726 74345 92987 98822 90573 84383 64676 27167 93807 68172
22004 07191 68156 47702 41693 31362 95278 02828 55804 98925
41101 86691 22605 38993 15016 40465 94021 16538 43627 80841
46855 57245 38742 58721 69963 52148 64279 12529 24574 27976
31800 64588 19946 94176 79330 34011 71535 02522 13178 64523
33881 80265 17425 90666 25372 22753 60779 90822 87110 56462
55481 00486 43033 08377 47949 84232 53495 42650 45841 89815
79496 50494 11247 32825 99745 04225 74662 85352 47730 11404
49468 93431 00000 +++++ +++++

12184/10169/8079 kHz, 17-02, 1015/1025/1035 UTC

72647 93526 15366 36015 42749 49953 59020 21575 05321 28375
37438 37703 68560 69559 28362 17618 96084 54267 23947 38869
34515 84909 57806 52318 27089 97384 82938 65500 99255 32772
48961 22576 27171 23586 52108 48054 25045 74259 56417 46464
12280 40559 09537 75178 46318 37607 01617 32565 32163 31214
40683 28662 44489 92190 42972 30555 23292 18338 61628 99652
29007 53805 02232 63042 68042 60491 98567 86116 24658 21188
47097 38653 60125 79153 23551 94075 00000 00000 00000 00000

67646 52547 76004 93951 41403 64345 17935 57656 26969 11265
67411 76607 65418 51188 51423 48623 35183 97939 22368 27074
35012 79799 69372 71231 04514 86003 69552 96346 43248 05926
02660 40603 14282 90615 77538 91164 43157 91396 43837 36489
48208 55190 87415 37096 63164 81277 32874 31983 37971 69166
01657 22874 28776 12265 99151 03482 13008 17035 29237 25984
90498 52334 59703 21892 56569 58609 86995 19498 58029 71643
73705 25096 68027 40549 57259 60159 40678 44675 53225 71660
31426 39135 01705 57723 94051 83637 30206 75798 90290 34293
31478 25539 72979 03115 79712 23579 28677 14864 33563 12386
90697 15963 99423 70388 58483 15131 53394 15560 84274 60459
45375 19644 12995 95113 00000 +++++ +++++ +++++

12184/10169/8079 kHz, 18-02, 1015/1025/1035 UTC

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

12184/10169/8079 kHz, 21-02, 1015/1025/1035 UTC

47860 80999 05811 58744 59434 26119 16366 79958 25971 52449
72806 68831 17256 11345 18995 55097 09079 92373 30866 33930
29832 75065 68935 97241 60722 48731 71141 66629 44285 73784
53203 63931 80891 83007 08690 80305 17923 46191 25981 29798
61311 46592 64312 98300 64137 42649 56085 23876 71956 13386
27640 69354 29557 10942 55671 73156 78830 68674 01470 89281
02440 38262 90195 52387 92984 54245 27347 28905 52326 49455
69630 40133 50795 69751 92407 68233 00934 61513 20919 81078
25485 30330 17458 36888 24308 94311 41691 54580 69898 80471

26315 60789 86221 37608 35223 49475 90521 64134 96390 15079
02820 74280 26645 45133 52759 51114 90525 83304 38520 59820
60407 98762 17456 19660 70081 22849 33165 58073 78987 38963
08671 95338 89268 36608 60411 33237 82853 65535 12702 46159
70738 50922 17388 98094 71672 55527 08354 33931 62416 99751
45587 18514 66774 75548 28472 21890 75587 15115 83019 74187
14861 00317 52704 38558 04236 23759 47605 75623 72967 37468
31532 97864 25624 50095 51829 37389 74671 58608 41542 75513
82137 25377 48635 07604 77557 36619 71948 41599 44364 03127
08576 53677 91927 89213 42366 49472 55430 80822 28211 04308
90756 28738 51836 80861 56591 27822 69755 47719 00912 18230
59098 47236 94063 19541 31979 86157 75605 33721 94112 47426
07111 77888 52352 46627 48113 32790 00838 81487 97382 17944
40448 47889 66728 29373 11247 20820 79496 00885 42589 23701
10978 74811 50609 34536 12878 93169 37744 02308 89079 45161
74006 72074 14843 31965 64677 42185 16658 34746 34113 02071
54934 96827 80350 24033 76698 55961 80211 07475 30510 87631
49566 99013 60764 45331 88474 36912 23579 08751 65869 93250
91454 75810 23483 12309 38884 59485 03694 68563 26114 75341
30998 92754 23238 30744 01763 39464 41799 51655 61990 94620
66113 07973 77735 46399 01482 23333 27909 67926 81477 80334
74107 85242 01516 57103 87205 28957 70872 56140 35356 93032
00347 11400 63111 49131 67760 84524 16343 89971 28472 86169
92653 00119 63101 83379 21958 77661 79649 78921 06935 55204
12195 73534 78021 93602 83363 47033 42655 46909 22761 19183
33431 21930 58533 76309 84884 80856 24281 74562 93560 60406
48472 55781 41086 05889 18581 36887 84905 43668 37102 58763
46390 40432 11666 05526 50988 22715 46410 30160 00121 55118
26811 47430 79498 00652 15163 80016 33560 11649 98890 68815
60698 24681 58869 83327 08985 57914 49970 93093 77065 34347
10985 86089 49926 79358 46139 45045 24197 66023 45377 17603
02705 06599 35598 41259 62951 13660 80038 09034 29196 79289
67992 86802 02853 45774 62042 18213 30859 66243 95002 78156
16736 78690 33756 96423 00000 +++++

12184/10169/8079 kHz, 22-02, 1015/1025/1035 UTC

58300 95092 13531 97671 00905 68592 84102 69301 69992 54173
39960 24601 07689 54428 28919 51837 76310 60799 82469 54929
02742 19213 62746 82023 90103 32155 91623 64728 82633 26849
10373 10167 94736 44242 43336 13061 40130 28477 64024 80011
22020 21534 87111 83187 70252 92747 34731 85577 36383 57865
50535 05031 82576 67347 59944 09243 25311 68590 00020 58887
19789 71769 67407 41085 96020 73975 57790 97067 00000 00000

34427 62871 20862 40085 59630 84877 25584 10885 18230 44129
69422 49519 16338 97919 47512 50002 90699 38354 37243 58635
44578 15508 32826 40580 49357 89209 22918 61757 22808 64110
84759 53275 19953 87753 93254 50553 97461 16316 68418 24353
37522 77710 09652 45875 42124 86740 90267 53145 33686 91995
10708 10839 22968 59168 33884 80763 30210 20488 51094 45165
70427 44953 51937 50057 38806 09055 96669 60761 57131 72669
14440 46828 67189 89824 75846 38561 82080 09006 13236 22288
31380 42709 87209 66608 61081 10915 22744 96770 74263 88178
63385 98091 00000 +++++ +++++

12184/10169/8079 kHz, 23-02, 1015/1025/1035 UTC

64537 79270 85593 19878 26546 70619 42135 67893 24690 09393
64833 68398 76654 88184 12527 69962 72137 64737 95191 03795
48796 10423 60095 33247 33527 85383 11243 69827 16264 76268
41818 54147 48478 57509 84305 25254 83583 62063 07963 26774
01415 72572 18352 23319 83976 68863 38611 25568 34654 92739
77146 47498 58063 15992 11437 44163 42738 22568 42649 03491
13832 40845 00725 90508 48027 86932 04663 67461 67843 04947

07645 38232 57526 15204 81731 90530 67698 06252 21779 34259
00980 31686 73291 59520 95742 97700 13889 62679 50202 52285
43065 13941 54029 12028 59944 64862 19665 87448 33710 19241
30534 92811 96395 15829 48334 51339 12724 96291 46608 31782
06694 56864 62754 77266 49583 07134 85697 12373 39069 84387
21385 39366 24148 96967 03300 59530 55549 95066 40188 80531
66311 92397 18174 95762 12238 87188 99461 46590 26892 55922
84803 03451 70834 18274 31927 26735 79786 96675 47107 93395
41408 18945 92065 00206 55370 37422 73398 79629 56423 63044
06702 89215 05139 37799 72599 60468 76010 93998 06844 18132
97612 73803 91696 05815 24491 07440 40762 78907 45483 73542
94459 50716 58151 90069 68335 02760 64012 09218 21393 95164
64263 14777 36627 38097 60677 45372 30954 10158 91362 92007
36727 34702 56074 43381 22012 49997 10767 77377 41835 34163
36064 22195 37557 70846 09353 35542 26598 66547 35170 75329
49663 55538 13579 60313 67694 53335 51226 44110 25699 44623
44757 51028 25672 16602 91279 47162 75786 73678 05578 45164
08033 94441 48734 66156 81515 16861 97882 07205 13569 62649
11751 87796 05903 36714 71691 73761 57948 62654 02897 02067
84602 40220 05468 54935 80552 35693 50042 56716 98367 41105
17651 91940 32558 63246 88510 68012 26762 28395 09423 70965
46279 13711 94475 87721 83117 41219 38735 93291 85746 95336
49611 26358 30750 49866 25584 01666 78551 15402 36988 32677
80418 43086 88527 62909 28922 45644 68222 29410 69034 21648
12465 06790 12068 93938 41877 05266 19624 98143 47658 21140
49759 82231 33106 63164 82537 03041 40004 03219 67168 30716
14556 24737 57913 96990 92560 67335 30952 48262 08512 91060
99387 89380 58316 08711 68589 29101 70299 59656 99052 63137
64217 23601 68965 55747 02930 97727 53672 05787 66441 85656
64211 08185 02998 71654 12138 46753 36915 78545 92784 79293
37834 32737 04184 00917 81094 84821 43810 96529 53902 59181
50347 18417 86986 31034 82662 49856 16443 54351 53175 40709
05420 89102 57805 25921 80377 01251 69691 62868 61569 33932
88872 48489 92456 73273 65102 02142 97732 57276 36009 25118
24654 01193 47763 99413 00000 +++++ +++++

12184/10169/8079 kHz, 24-02, 1015/1025/1035 UTC

91393 26637 20916 04210 13225 11198 41329 97373 49657 22087
17844 82363 47143 74458 15645 07254 31782 02398 98117 28691
60413 33145 91658 04708 28446 44989 68945 79822 39116 32307
67854 48367 63855 26160 88201 06965 48463 43901 33518 32121
44765 66214 90012 43830 72447 65041 59948 41175 40755 30820
91588 20818 84740 72481 72918 14353 95751 88631 81316 05440
50842 33366 06385 12654 70800 25153 88091 49006 61475 72216
37452 94054 18092 12861 31902 39551 97240 94176 02579 94564
86233 37564 55669 61012 24508 64503 95043 15535 56773 81026
38331 58663 22573 44310 43652 17205 11973 01097 00000 00000

38602 05214 34046 84072 23420 90666 26628 66043 90965 28872
80097 45892 54198 72293 70128 43773 97749 38406 30655 37134
22794 77780 13036 50331 63884 02029 44552 40832 88706 26306
59645 49184 16672 06047 02357 04941 17303 72627 23389 05735
74336 97640 20238 11676 26492 40476 93827 22281 20832 58883
20084 28098 39661 87211 59894 54229 86895 12015 55871 37946
44848 99710 89384 07553 37352 55966 96275 54729 60178 21525
64701 17502 64670 34133 63547 16057 05540 11275 74843 08568
88764 33397 28622 02083 00000 +++++

12184/10169/8079 kHz, 25-02, 1015/1025/1035 UTC

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

12184/10169/8079 kHz, 28-02, 1015/1025/1035 UTC

18776 21228 65340 74088 28416 26257 37802 88918 44768 16967
25865 50517 02843 76011 55752 29822 31427 92806 76963 61418
13867 11208 19399 22899 53640 01111 70106 12379 30644 83664
18106 66330 59152 64783 40704 84946 83365 56654 29767 57206
71495 91912 81351 02837 94322 60183 97175 73358 99167 21673
71319 79395 15206 77506 60640 36449 51066 01474 62297 46309
70660 62908 46854 56305 58162 95353 20383 63568 08092 90722
14008 56506 01434 23634 24329 10673 53722 35607 53162 81216
46045 33814 20033 59100 74889 84065 45862 83275 81775 02722
31278 26010 48608 77222 78001 93531 69699 69909 26727 09209
36372 84845 09948 71426 95116 02304 43163 03360 65206 10622
02901 36834 26732 90105 64986 97443 14976 28676 01516 83144
82082 73935 59947 53470 11938 51349 72767 71601 99220 03233
71149 66437 28546 28220 01069 06886 14643 25908 65283 05544
89507 76375 39639 93956 47467 09236 37123 36651 84086 41941
18117 76128 89866 92005 70266 25992 84658 92845 06432 54417
03745 67920 54128 25133 71514 42854 34919 88117 23670 00246
57182 37183 63917 06832 70689 76644 66051 67706 56452 64258
57404 87275 50243 22618 44568 41637 23257 36191 67345 92080
68337 76196 91854 94378 65200 20489 78742 83571 23107 60665
87422 38927 24412 13549 02290 58766 17428 79271 91846 99832
32043 13115 36674 60908 16535 03313 87191 15349 19006 71994
37133 22236 61891 41467 23692 70828 82967 33011 90256 38004
41303 90384 72683 63375 11591 45224 95043 71764 15289 66522
85778 97739 62027 61382 50205 91879 99694 19226 60302 13468
96659 16641 47722 39303 04561 25071 10966 43302 75092 88516
72646 26601 29242 63447 47800 02827 02397 38105 09158 68227
13774 73393 60335 11366 33600 32535 52867 42042 46487 91682
08028 44138 34429 48683 29373 82089 27877 72162 16943 15645
98302 58137 19064 02621 90720 86334 82682 94328 19573 93400
88175 53367 76444 05196 79566 48465 23020 95358 26094 06061
67740 62322 76060 23313 49588 41987 88909 72213 77432 98206
56456 49515 98385 58314 49223 52135 93596 85839 48803 82743
24923 07631 52202 15209 80924 37552 59085 74598 95604 63952
77880 11416 38344 93095 11653 74760 98470 65728 09718 14107
12884 88982 95899 64382 10193 50803 09402 94027 69792 09071
19197 20743 19314 72630 97903 24590 18902 16396 66067 13145
05738 97728 42785 18396 97251 66264 63621 30059 76476 84396
51746 95012 07950 00583 53229 37529 57638 42673 72437 79995
15291 23447 68459 68814 42674 75544 98511 35160 96125 57977
19250 45291 96863 01412 81927 20104 47478 84405 82343 28602
18064 57795 51506 84987 50410 59409 97964 04051 53697 86302
37733 94548 90138 03423 00000 +++++

F06 – FSK 200/1000

Link 00000

7954 kHz, 12-02, 1400 UTC**10687/7992/5913 kHz, 13-02, 1030/1040/1050 UTC**

11100 00000 53197 11039 02279
99281 20455 21731 41113 07841 39607 59325 38559 43921 71583
13717 66151 75577 75976 54410 04194 43266 24764 64820 62320
32933 11520 07017 96950 32012 75152 59218 92501 04278 17898
24473 98573 44471 22231 33977 40263 98658 96391 93454 43819
61247 03211 46040 44816 84597 51925 50108 71033 62172 57673
95473 17230 71154 98341 06417 53998 85480 23475 04956 37893
95222 94921 32815 15010 93243 63894 55521 35219 15091 14162
97060 19218 43042 26027 78552 45614 10246 40798 59348 50210
65905 30438 04023 54683 87425 02075 23676 66849 50482 92059
64986 19694 92924 29271 45464 41359 33477 72336 58323 73283
31150 50474 95425 78660 96324 62629 61729 08427 89423 14604

79676 16955 68124 98858 06959 44638 69040 46682 16106 09563
34816 07406 09319 75441 22569 34362 66998 88010 54612 82262
53407 97072 97408 45696 27891 06363 79676 93423 35109 18447
85595 78162 72700 66812 84052 26544 59836 52367 79852 38939
55083 26512 97845 53829 97021 87984 35899 56423 66056 85663
47653 36189 90857 44511 41004 23009 47864 56854 03241 56632
27293 06180 88787 69110 64093 15639 30473 84918 57272 38452
60280 68431 26044 32381 50497 73455 76227 85485 11226 74494
75342 85332 05167 84445 59823 48841 65634 88407 22812 54975
28725 48286 55945 47442 15590 57893 43588 99605 25735 53218
32945 58789 27303 07562 28487 12168 55257 66223 84132 41419
53417 00429 91620 58342 21279 39225 00000

7954/5452/4035 kHz, 19-02, 1400/1410/1420 UTC
10687/7992/5913 kHz, 20-02, 1030/1040/1050 UTC

11100 00000 32498 18040 02079
26921 97738 30651 58590 86506 48736 05976 11818 10163 27178
61777 22745 94217 43681 71032 30743 82968 31911 37984 11599
03172 39790 47919 95133 95899 07515 51020 53233 00444 05836
47494 94228 69957 33019 66151 24560 23528 93946 53639 63660
64356 09774 16495 23006 18741 31598 83228 85257 75549 56566
78607 44443 30866 69857 27337 93103 67501 60989 29322 67364
24054 87872 73700 85836 33210 87059 83830 43318 33969 53618
10426 45206 87481 39080 15021 93582 51189 40882 10955 60880
90952 81761 54065 12101 35855 02515 00273 61495 05368 16589
72252 74656 63567 99914 02370 51964 80094 14437 44077 54306
02534 88774 68952 57031 69907 04441 91573 43056 21971 61073
89404 71074 84001 19107 09901 79795 31751 43316 81997 14162
66273 95687 74183 84473 53298 51030 66351 94356 06840 33793
27592 98528 21741 99500 17146 76270 84814 09261 50679 31572
19307 70771 99082 55867 42329 44273 11973 14312 39976 36879
83094 41523 89806 33722 99800 57739 85372 39352 43805 41323
42486 27829 35387 18551 91917 24945 38245 56622 88198 71010
67181 70834 89229 37640 65806 81848 86382 96994 46448 83996
89766 66882 09459 10557 98366 80192 84101 06942 09729 52074
58207 47732 48887 43310 88789 58500 21209 43318 10803 28349
18863 21218 86233 24115 35584 40205 00000

7954/5452/4035 kHz, 26-02, 1400/1410/1420 UTC
10687/7992/5913 kHz, 27-02, 1030/1040/1050 UTC

11100 00000 69812 25041 01759
52705 19878 18980 71146 42537 13627 71535 57164 09828 41075
88646 66601 98960 09269 06215 57248 65365 02747 58909 37403
00214 00788 35202 84737 43505 36567 41852 12529 33961 40381
88821 37937 69173 34154 30523 32024 74447 69389 24360 56198
03774 25778 92487 14772 21363 12630 97737 78317 37187 40325
69634 57517 94960 53982 41449 32183 36005 46506 84228 65143
87422 93229 48732 55677 48030 75318 51217 12191 70479 84137
64006 48818 63012 23756 96784 35633 59275 53793 79547 57166
29643 39772 83156 58902 32485 03193 38419 86465 28800 88489
39652 47157 08683 89075 43649 48548 03034 99658 99995 93811
78960 87008 73667 38478 42315 96373 45862 38306 95789 35727
03976 42951 26024 05031 56689 15129 18145 62713 35083 79945
21194 46536 65729 34096 12867 91041 26686 69615 37004 08774
22353 91865 12281 27455 38095 36446 35518 00309 60605 14720
28064 31709 74915 42644 98679 85354 74010 32583 21363 67151
41978 52795 51555 99980 96626 84296 29160 32562 02518 29755
41823 49574 90347 54143 46892 75238 43605 61800 75518 87549
38464 39619 67315 41173 00000

Link 00052

20869/18691/16253 kHz, 09-02/10-02, 0900/0910/0920 UTC

11166 00052 78596 09003 01519
41372 25058 93050 52058 23383 91848 70367 53782 36120 67642
19758 15264 91488 11307 55079 78319 46329 19956 53663 63469
10863 24737 29040 02307 37760 37509 58058 41838 50890 96830
04581 31730 25319 86705 06958 30407 61550 26516 21453 90937
58683 55587 38811 12635 16195 60821 16168 69325 19009 20826
91464 50209 85568 64994 72583 74262 83572 70961 18370 64102
43083 48870 53737 90273 21677 85901 86046 21874 01343 49486
14934 44468 21795 72655 52793 31226 79912 69949 98080 78217
49968 57333 28647 39808 04349 74555 07273 25088 39456 33384
16597 41273 36466 40157 65631 95018 11637 66089 35042 87579
35864 63774 53387 64753 28151 53305 21504 07549 52700 26472
27220 74515 74302 42454 17589 31667 51714 13467 20838 30943
73709 03768 35196 23142 67499 90501 26821 16265 34198 59778
03980 15207 91028 36460 59701 03733 24955 71061 00061 54676
87424 32232 00303 79299 84920 78228 55985 51749 44986 03149
00000

20869/18691/16253 kHz, 23-02/24-02, 0900/0910/0920 UTC

11166 00052 67321 23004 01529
31395 37525 56243 42747 27637 78012 04987 67496 36120 61654
18958 60984 13830 42427 86276 30003 96733 24421 25716 34994
62901 72555 09010 45343 87852 82367 78571 71723 92989 76079
96558 55174 09751 17117 86225 17606 50899 60273 51497 03426
37363 79707 85703 66953 54097 41961 05411 85331 33373 16179
70289 01611 88953 38731 74951 27698 49583 74408 23702 61851
65231 41394 24137 00426 84528 92193 60524 48525 26831 67698
32911 59288 97349 66594 72887 56459 18784 97284 71947 19954
77901 04515 83393 39103 10491 87902 83700 63255 73129 54539
04303 04431 75216 72868 69716 71716 69680 20018 02958 42086
25831 39777 84179 97327 32770 53406 73464 81783 06804 90464
33725 60565 01305 31847 14625 82955 42443 82215 83489 80665
39244 14008 14112 55649 41389 50225 69416 37151 43220 78166
38902 12680 57358 11313 16811 62600 06405 41547 31956 53022
06133 48882 65144 66675 38627 60908 15144 76466 38802 79127
04150 00000

Link 10031

Link 10053

13374/11165/9219 kHz, 01-02, 1650/1700/1710 UTC

11166 10053 15963 01073 00049 00000 00000 00000 00000

13374/11165/9219 kHz, 08-02, 1650/1700/1710 UTC

11166 10053 15963 08073 00049 00000 00000 00000 00000

13374/11165/9219 kHz, 15-02, 1650/1700/1710 UTC

11166 10053 36925 15001 00049 00000 00000 00000 00000

13374/11165/9219 kHz, 22-02, 1650/1700/1710 UTC

11166 10053 48265 22001 00049 00000 00000 00000 00000

13464/11548/9323 kHz, 06-02, 1530/1540/1550 UTC

11166 10053 36985 06001 00049 00000 00000 00000 00000

13464/11548/9323 kHz, 13-02, 1530/1540/1550 UTC

11166 10053 54897 13075 00049 00000 00000 00000 00000

13464/11548/9323 kHz, 20-02, 1530/1540/1550 UTC

11166 10053 78451 20001 00049 00000 00000 00000 00000

13464/11548/9323 kHz, 27-02, 1530/1540/1550 UTC

11166 10053 45698 27001 00049 00000 00000 00000 00000

Link 40122

20072/18291/16071 kHz, 02-02/03-02, 0600/0610/0620 UTC

11166 40122 97285 29086 03279

23858 24681 95301 24810 98728 47016 40937 92993 90753 18045
27465 66827 87302 44616 14104 42291 42656 45074 02322 50425
05560 05798 12269 08262 17583 91739 29228 19835 61964 09409
12282 88241 67639 45730 82362 24666 98117 31225 31893 65315
79925 00940 23192 32209 50279 51570 67837 98743 28681 18213
04179 45991 42141 19183 15172 20647 58683 42335 53745 30583
08854 71331 67861 38932 99896 75277 42482 42648 52296 10185
00612 46472 13371 05684 30610 68252 27600 35426 31961 36539
68387 94619 96690 66415 60924 33124 68611 24479 50863 17558
47589 18920 98476 20844 31016 75645 02993 62627 09681 86360
86790 49021 60216 39577 94151 85097 01318 70452 84244 58575
05925 90428 23041 18129 86535 82584 03839 94776 95864 73650
51090 39759 10015 18624 87216 77366 86353 58916 67099 96146
13294 39972 09937 26921 94141 99304 83145 81063 32228 60869
18003 47468 09492 96729 61722 71640 75702 41946 95629 65360
90523 73618 74147 20352 85589 90033 64269 24384 38794 50841
90203 03264 77965 64212 12886 37133 56134 31893 99040 24527
65564 88121 59478 92621 82737 93319 61324 77112 61493 68512
43852 20155 16492 81402 92631 59811 64195 20050 51645 09443
13568 15082 78103 50472 23655 96372 69600 86970 70256 95142
18340 35494 88862 27394 72086 48613 86050 19641 06549 95569
36524 62856 38876 48504 07985 05583 36948 47678 81023 22139
04167 44151 56220 16859 44409 43325 65633 50309 36854 97807
30879 98415 75355 23035 34972 80431 52054 34082 00131 16695
89915 27097 88720 02115 53881 53813 69532 06306 95319 62552
16581 36326 09467 04182 32608 22957 10544 26439 14484 16440
54234 05081 02687 02639 62214 85282 82055 75541 28423 31731
25993 27049 11754 10843 01324 39986 44862 53550 75976 95275
13777 72097 96683 29202 87992 29267 28900 01724 05745 83492
76102 61743 44142 58289 20679 20298 28857 09432 53586 67595
63046 88326 84961 94830 80204 25016 52886 06733 50625 79246
72469 35762 96166 33039 92463 93917 93004 23203 51579 23069
67059 37229 51698 29763 11789 86325 00000

20072/18291/16071 kHz, 09-02/10-02, 0600/0610/0620 UTC

11166 40122 78532 05087 03029

29843 92980 37618 35169 67809 45788 86353 51441 57743 66362
83879 13039 38996 56024 34638 06313 38991 05290 33169 88793
44582 19394 35510 64971 74676 50174 62346 20759 46318 95232
38574 40091 51417 50320 98987 52083 86306 25888 14757 82196
01323 63728 20404 05850 62589 14654 45949 27900 43200 63152
83918 36450 85980 09946 45911 04398 05020 48403 88390 37194
18159 95733 12418 90209 27625 64903 66984 04185 90996 88217
10656 32172 49690 28491 11197 56428 07149 38762 87874 18680
73934 56475 26129 12207 21891 43073 19285 09181 14584 04941
17012 21693 06200 56629 85204 19914 26079 12304 06977 55816
91094 16358 79458 65904 13038 49115 86079 51383 93220 68571
49028 59205 21466 74112 91574 12441 21684 03139 64947 63389
11218 96532 19440 67896 66140 93922 24454 04290 09708 44658
67146 85385 66129 45454 84385 36997 46872 40626 07687 41386
61659 45865 25830 69094 71376 81482 94842 47587 25046 26067
50023 40156 48081 26487 99713 33507 73995 25179 05494 57485
36750 90664 78487 85359 65943 62212 46470 88111 52010 44615

71465 41170 73636 13992 22519 07025 04564 20565 33333 42146
41974 99346 99451 01675 23651 24673 94686 40290 26090 69528
11468 32711 60759 55583 54805 62269 10689 04901 44556 50974
74582 29233 05674 29533 10633 17861 51141 70738 97235 09903
87257 34679 52779 62027 95984 99203 81712 47526 74024 74072
39062 47661 33329 22240 30599 21240 92718 36707 90832 63351
15302 46374 06032 89193 71385 49332 74443 03945 31559 97039
20913 44600 19642 77811 08083 04722 80185 73062 11365 78039
40205 84744 49863 81829 69845 57406 90446 46020 71658 43330
67154 78959 53177 84162 83114 45775 62483 07491 87174 20278
91444 61796 42429 96324 76323 38230 28820 69606 50432 52634
47019 25774 28519 86258 15755 95850 27597 08610 79793 64872
53869 30857 70745 44680 10466 63253 87897 46817 05664 74990
87300 00000

11166 40122 15478 05088 02589
91246 16457 66284 79936 23931 13307 85952 96684 06240 50418
62911 56362 68400 26848 07069 56631 14314 15103 20975 85309
33439 89307 84406 62066 03008 05033 97262 71621 47761 66719
60437 86879 49391 43642 99375 05452 22875 20339 59990 47986
01901 92456 31627 91755 00546 43945 76771 37939 43429 66526
72183 36029 81500 07400 91138 13803 35660 56098 81474 86305
35399 06448 19125 42266 44651 54555 41831 31397 92034 18775
92712 01010 47675 92586 28391 55382 13802 66311 71353 36322
21300 78624 11241 48354 49404 83784 84747 76972 10729 45522
88822 73408 68815 93528 06862 04322 80386 03481 52573 89888
79492 86534 61206 78691 45749 99231 82830 32875 23833 09755
57356 21984 86440 81464 75976 48931 57890 59662 58726 56543
40558 72510 02839 88091 11330 82052 81593 00280 80263 46266
98337 52105 28644 78095 25372 18033 68620 12380 82385 98930
91612 16646 34132 29188 97675 06674 12032 03473 23010 52793
89381 71545 07799 87831 64869 74582 71570 52669 34081 21438
88266 40322 53673 28290 78198 24501 27921 70094 59098 83581
72305 17304 23426 55917 33848 56263 34144 87443 72862 16751
56128 57500 35831 55073 65418 93817 74071 66168 03482 12595
87893 23153 68688 44619 00940 67745 62176 33357 94379 00002
30305 15950 55656 40816 70873 23066 21480 65599 95296 58527
19735 32601 63923 44671 40007 54281 36697 44362 87414 85201
06319 95604 99417 24849 06137 19693 30312 58839 09911 88830
33084 86940 65676 64160 93313 11349 30867 40148 94819 83649
00896 56240 21728 33921 48384 61754 26653 30388 15224 44923
46048 51650 35184 24161 18960 34450 88256 00000

20072/18291/16071 kHz, 16-02, 0600/0610/0620 UTC

11166 40122 14785 16069 00049 00000 00000 00000 00000

20072/18291/16071 kHz, 23-02/24-02, 0600/0610/0620 UTC

11166 40122 20147 19089 03729
51764 66162 81894 00877 30426 41514 89470 95865 06056 98779
49819 59796 97077 12976 27446 37328 12503 32739 58487 48877
28018 79545 40533 08432 18818 30613 40889 33655 53859 08930
40496 34211 81235 28860 55678 89243 59344 70742 04904 49963
13545 82937 12763 28262 22996 34751 68334 57300 67354 68671
80135 35013 88018 25368 94842 86451 43622 39871 71964 05919
64441 32392 31667 64822 35425 42199 17925 96192 62520 78003
44192 91795 01987 83285 13787 72776 57386 40000 32159 19788
73943 59097 53253 73514 84942 31296 27127 41554 89875 36554
41042 72584 69011 35661 71183 83743 64076 92398 87224 52180
79738 99710 76904 06700 85577 08308 82811 80438 23235 81152
68567 10521 48421 22265 56587 95618 62478 53276 04612 47361
13182 36177 13197 96532 69462 65695 81347 39986 99746 79738
52482 39226 08594 61340 17920 06579 11329 30550 70068 39907
51340 49700 22517 91791 89749 90487 39198 84125 22129 36315

39831 04054 01958 18317 73817 42202 75499 08520 79774 59124
57802 18563 72914 90910 04494 77431 27432 29897 59060 86622
46102 41405 80311 76196 34278 02457 79703 10140 20458 73399
23208 14483 90636 38379 77428 26615 28604 75598 04638 89217
79390 43294 36426 37276 78048 92379 80657 51584 10945 41682
41406 77196 01770 76716 56574 30259 39435 57931 82870 41657
90051 49364 82841 10912 60188 03645 93636 68772 03570 64287
82207 71939 88437 71194 16612 78348 67727 80337 08120 76462
19279 33521 03815 67004 48241 39188 34363 20567 68883 50196
46650 59541 07979 49508 75967 37797 96960 79721 37435 16556
45041 77395 41352 59893 10466 98085 62164 98308 12104 43055
15724 33792 48562 23568 24544 84843 16997 23731 75726 94861
48832 47795 01256 52352 04547 62881 35339 96394 94740 73042
28488 05792 19656 85614 23025 95353 44340 55792 19704 67751
51644 20363 90128 94362 40238 56536 14666 23574 59833 26816
50526 39947 00803 95831 59712 22716 80379 30097 51520 77025
92626 16603 19275 36370 14365 61198 75993 59656 84239 52700
18661 71332 97128 03656 75804 18025 81062 03704 18065 40115
48855 46478 36434 81689 41627 15974 17855 87317 06412 43331
72886 59071 75031 69961 95086 72244 36430 77963 56837 73197
19652 73759 71278 07769 29646 35889 75033 53692 03103 62908
11439 55451 76483 82314 18936 85019 83452 06451 54336 76908
89370 00000

Link 60070

9191/8057/7367 kHz, 01-02, 0030/0040/0050 UTC

11166 60070 78541 28077 02529
07160 82243 52443 71014 29835 26004 21560 54158 87681 80857
17167 93387 71435 89778 79573 27212 32343 64048 28975 71974
18371 03045 19609 02601 86510 77233 85533 11647 52280 91689
30057 28058 21764 85968 32332 29737 10397 36230 89468 83160
56760 62631 78637 02299 54679 86341 35069 23467 50387 61463
80446 40731 94596 86143 31687 31298 71620 84479 34422 95057
28270 74416 04419 07526 06415 60323 23274 49710 94069 24495
82045 91379 08847 83268 72658 30160 44062 06671 22202 64990
21033 01586 10957 02244 92129 05942 40642 98400 65749 16126
89513 00110 06385 24105 99957 62555 30629 03609 15064 72525
68673 24121 73221 65756 32438 46332 90311 39845 48306 11060
43167 13371 46789 89404 70095 15517 29956 06704 27003 65980
32940 26134 66613 84238 63940 42497 39918 32181 93379 56449
66345 53725 26956 91719 01302 52089 86150 42625 69821 93244
69965 40151 10795 77452 48882 15866 46361 49280 32713 06948
11533 98005 45113 49634 42240 71306 15352 22345 79774 65375
38953 98007 88188 80607 11949 52224 99672 80692 55552 00405
14897 58759 84510 74374 82368 82388 09319 72933 04097 90818
13497 22747 71143 44984 53076 98774 04166 73959 83423 51859
73552 58437 18591 90694 09650 26344 20359 52007 54671 89341
32437 31959 82643 62806 26122 27453 93978 25999 34208 02412
15498 74146 01316 72533 91105 65311 49947 36845 38027 10789
27996 99907 98645 47962 66019 02918 68548 61261 64971 75194
24575 94693 49562 28673 59168 83919 28950 43927 05901 91176
18221 98282 63776 60772 70275 02684 59545 24556 08917 57754
77250 00000

9191/8057/7367 kHz, 08-02, 0030/0040/0050 UTC

11166 60070 58421 08001 00049 00000 00000 00000 00000

9191/8057/7367 kHz, 15-02, 0030/0040/0050 UTC

11166 60070 78965 15001 00049 00000 00000 00000 00000

Link 70059

6866/5326/4616 kHz, 07-02, 0500/0510/0520 UTC

11166 70059 58963 07001 00049 00000 00000 00000 00000

6866/5326/4616 kHz, 21-02, 0500/0510/0520 UTC

11166 70059 75632 21001 00049 00000 00000 00000 00000

Link 70202

11048/9244/7319 kHz, 01-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 01-02, 1200/1210/1220 UTC

11166 70202 64312 31011 02059

69628 01142 03495 84423 86093 60538 93164 32846 11670 21277
38769 58602 70045 65733 46882 43081 85724 79193 32781 81873
07726 37105 00439 03515 97056 11176 16763 59416 70136 55254
84761 08438 15367 56935 45315 44509 25039 65826 62255 40772
09750 34409 70432 08650 87539 32439 91449 95308 64908 20818
46776 67922 51927 95869 22896 58203 78611 39972 68201 65614
04756 39474 26315 42717 40408 55824 35523 11084 19182 60875
49001 81209 91585 72274 55545 74876 30553 49891 05464 73380
66382 39223 71335 40092 93239 72708 98328 90759 14448 64882
23743 10006 18722 62322 70488 37455 04554 34320 44174 71927
94927 15206 88496 67137 09556 34274 78619 17327 86818 94246
57221 56288 72603 84202 42921 18196 18223 37924 65739 33692
54601 73588 09304 59668 34923 75740 64484 66172 62919 05496
24138 28884 48992 49897 73650 00592 61355 46373 56974 60111
64381 43229 22835 62087 61345 82109 80808 36107 83750 13379
21941 08569 94422 80337 83611 45742 96559 33233 63321 41456
65932 58988 11096 97859 48404 37596 55182 72674 89988 61099
40745 91400 91596 76122 86227 47894 05689 35863 87084 41764
17007 72497 21561 26024 74572 25937 38207 63430 67146 89864
29828 14955 59331 60996 23540 08822 30505 02507 41624 63549
83773 57540 12878 11203 00000

11166 70202 36987 31012 01599

00206 82146 00466 60728 58445 19290 61126 64825 13247 16748
24938 62896 80607 48234 04108 09120 72105 50124 47957 62389
18619 33819 73535 83115 73058 93142 71321 05511 90534 98938
46970 90044 09408 98061 85021 85768 81651 58952 45532 57191
25975 30983 29543 55388 02129 09762 74335 38041 29846 25574
64417 68091 00850 97159 69159 45685 57358 18017 43033 53119
35542 67402 49386 17458 97347 63231 93685 20506 99146 99056
77176 10846 70637 32325 06884 97599 02432 16079 22902 30630
65781 91312 28905 96838 12860 82153 36820 87285 31056 61070
61597 14774 49706 76279 27010 86631 22705 58552 68437 62341
35430 49603 43547 50728 09427 19247 86833 26387 03282 63510
68935 70026 33121 00893 46681 62439 61180 08955 14787 86762
25877 68433 95164 18734 11824 07050 24751 09614 83220 60232
27819 91485 29062 90901 83693 59590 93601 35536 25824 11413
90506 68694 33127 47185 24138 03179 99568 61509 66404 68030
92891 80775 62610 31548 38451 26071 64753 12157 00000

11048/9244/7319 kHz, 02-02, 0700/0710/0720 UTC

File 44413

11164/9164/7617 kHz 02-02, 1200/1210/1220 UTC

File 44413

11048/9244/7319 kHz, 03-02, 0700/0710/0720 UTC

Files 44414 and 44415

11164/9164/7617 kHz 03-02, 1200/1210/1220 UTC

Files 44414 and 44415

11048/9244/7319 kHz, 04-02, 0700/0710/0720 UTC

11166 70202 46827 04018 00049 00000 00000 00000 00000

11048/9244/7319 kHz, 07-02, 0700/0710/0720 UTC

File 44416

11164/9164/7617 kHz 07-02, 1200/1210/1220 UTC

File 44416

11048/9244/7319 kHz, 08-02, 0700/0710/0720 UTC Files 44417 and 44418
11164/9164/7617 kHz 08-02, 1200/1210/1220 UTC Files 44417 and 44418

11048/9244/7319 kHz, 09-02, 0700/0710/0720 UTC File 44419
11164/9164/7617 kHz 09-02, 1200/1210/1220 UTC File 44419

11048/9244/7319 kHz, 10-02, 0700/0710/0720 UTC
11164/9164/7617 kHz 10-02, 1200/1210/1220 UTC

11166 70202 56173 09020 02239
53691 91619 18862 86946 31092 17230 33995 68243 16808 97343
69072 00455 83368 64591 12221 24090 07707 50599 31314 02223
98725 42527 50407 71414 95651 93608 96190 42732 16880 86133
06652 13804 64000 70310 19131 77842 10681 27439 79955 40590
31103 30848 42852 81094 47638 03015 48304 17286 02448 92316
01067 62266 82695 17850 88003 82262 54062 55752 03447 92176
82251 65464 74267 49674 47161 79373 01833 33740 79434 04275
63054 18646 74044 08078 37697 79271 60628 90215 54151 88699
35244 59177 70849 94042 83240 65604 35510 81430 47926 64397
89404 66085 24730 04259 08834 68442 85535 68115 00991 62242
62879 12862 96413 05526 48697 81852 05207 90480 87316 88584
29213 73082 67364 95016 47339 68439 42293 32946 16205 22814
34213 41896 53319 98234 00701 21939 94957 30644 69296 24901
45936 47519 69351 32388 63468 55902 15939 94053 42293 36781
25494 24573 93253 06752 67886 82731 32527 32903 84596 81093
23681 11869 27705 99661 39759 48965 99360 01989 37558 98375
96428 77160 61315 50299 90000 56101 17967 76015 94455 75626
91180 66792 05764 88695 86348 27585 13703 44283 23713 11447
17707 85326 21842 05615 00999 38170 38604 05179 42718 91954
61868 35296 72731 91385 67088 07875 98788 91314 83968 23664
60751 46579 39406 55698 91540 35531 68884 75023 89519 40694
13515 04644 31993 34989 44902 12633 84500 46959 85046 80338
85595 20221 00000

11166 70202 71593 09021 01599
29058 80534 25224 59659 83954 77002 79908 06798 48299 42288
25594 38855 63346 74424 86318 20328 48134 26396 90941 90213
46161 33254 77484 27460 71378 35814 80377 30961 26928 68130
36564 93798 95084 00919 71375 76401 21814 58129 50142 08322
44408 48848 06456 73314 35615 81720 83032 57398 62720 54083
46113 64602 84997 32982 59331 30065 37981 70286 27997 85193
77991 19058 49723 54551 85352 43387 32340 89183 49734 38871
65034 66046 86067 05919 53641 08241 54459 43085 56042 05733
82547 52602 78591 41250 13741 75312 19522 51048 29768 97181
70253 75213 20985 94578 10558 77219 02876 10515 58497 37397
02174 79030 61096 50028 61059 39904 36670 78730 32854 10897
04749 49838 67662 09686 64536 88455 11383 42704 07848 26870
66550 03062 77449 40024 88416 44730 06752 87718 14733 25191
01786 68246 52657 33721 51400 13134 71226 47521 76623 77690
72839 82850 55117 07039 42172 33378 81670 82328 95978 12927
50664 76805 82203 44797 71446 76438 01856 21157 00000

11048/9244/7319 kHz, 11-02, 0700/0710/0720 UTC
11166 70202 64825 11035 00049 00000 00000 00000 00000

11048/9244/7319 kHz, 14-02, 0700/0710/0720 UTC
11164/9164/7617 kHz 14-02, 1200/1210/1220 UTC
11166 70202 37195 11022 02419
73941 95794 10252 26022 34800 15951 71126 34652 18277 30203
02796 75410 35999 97729 81405 05276 29076 80213 71006 97700
05770 98912 52676 06967 56986 80898 99434 61532 16797 30383
76656 84832 60157 86087 72656 66946 55027 50586 89135 35595

11073 02548 46181 99877 92132 27840 81501 65213 84644 30408
48592 42900 39218 08884 43510 02749 27539 09847 14952 42215
81786 93688 37314 70478 08770 74013 51443 30896 95945 16506
02732 10270 51530 08214 31275 08379 45870 33177 93770 66189
46281 15339 21827 76206 62517 14685 46404 23379 45086 87540
43045 30020 03579 46962 77594 03163 37199 84167 57098 07799
94699 36941 15563 14425 05895 15941 89267 94356 51936 24862
61314 61219 66561 35382 80101 82079 85467 02828 81413 06638
86033 33500 68811 87922 84552 39605 32007 92931 83176 42711
07920 26648 83749 11684 14093 17874 10727 46027 09159 40319
10368 40578 60049 67378 18374 92480 20622 84042 13184 36384
51408 04369 97095 18805 35157 67962 72402 47581 67872 13893
04749 77365 30018 55496 90865 17089 67595 04490 72900 70337
37764 17836 66512 44572 98703 65809 94918 90137 48405 44681
46094 54992 42067 82478 95301 66101 42802 11240 60133 73418
85325 04218 80270 17416 57317 01462 39131 06075 28159 72209
69600 12296 79708 87539 11033 27650 18817 01713 09710 33417
76279 65643 79938 74850 21886 20934 67993 49594 50280 47918
86061 46205 17313 66141 08412 93707 31553 10724 46941 08120
30684 33034 48323 46890 97431 99124 79902 07184 94743 22239
00000

11048/9244/7319 kHz, 15-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 15-02, 1200/1210/1220 UTC

11166 70202 46871 14023 01899
33744 65029 16507 77503 67248 98396 84346 80593 96575 86598
94027 76553 35160 78425 72584 90968 37956 58781 70198 78041
67448 72481 47934 03028 24599 72757 89011 42354 68182 11654
19552 31100 70927 14514 49736 12523 85920 05725 71306 69330
21694 77929 72353 41375 49450 21879 55332 59455 90846 59111
69230 49933 59784 44665 91838 89821 56645 31980 23055 17063
38399 17209 75161 25662 13031 05104 71012 00372 31727 63672
86068 70619 77241 59789 95216 88356 71903 92962 10314 59520
53679 69413 19388 83802 93751 83697 63442 82396 54027 00012
11786 18432 08032 50412 21846 39760 73617 92109 94384 98800
30927 91024 60066 29124 24048 23816 58308 83452 69792 15541
94352 62782 22050 55153 85503 91307 65139 56020 32459 16826
34604 53645 76676 41322 88884 57786 29711 11419 80310 01153
85466 23376 98839 51883 51297 22324 87001 81960 58881 00430
49452 08792 40835 23673 05612 52110 83970 41920 58797 73390
95167 61993 80297 89989 40761 88406 31826 81162 45423 61476
74796 28170 61433 47471 39848 55657 44317 60508 55055 66484
95752 20869 56281 87205 59709 79435 28085 66373 82746 62922
48641 92875 74405 19595 37090 26464 28638 23187 00000

11166 70202 23587 14024 02039
83219 73770 12223 17085 49921 09390 71480 72190 84681 05038
87360 81890 95123 19212 29286 52939 88242 27981 58041 66484
30876 46070 24962 42750 16906 81639 39580 48023 45894 48195
22911 29844 42825 82060 88580 91367 73652 38856 18961 40824
36331 67417 28524 77006 32029 84596 31580 96735 46201 99374
56604 35240 94209 59731 74332 75369 11187 20707 31811 86609
90827 57088 09594 79811 02784 69166 44269 88577 43370 54997
83510 13255 99254 47599 65825 88454 28823 40535 42211 60050
90908 50310 81879 82581 75570 89017 29265 73010 16616 45686
04475 81757 90540 99742 64397 66966 31589 15057 66631 82922
17609 87977 03446 18574 06402 47816 97934 47084 27241 33207
79575 72361 57263 92786 81366 83496 37397 83623 25735 53044
07545 65840 91398 40095 65675 16868 78374 84070 80546 13761
13321 00172 12713 57022 62397 12432 23529 34365 43832 85302
76831 47854 57381 39714 62979 52867 72874 64536 99942 82305
45029 59404 91138 54498 46719 69814 44686 88237 37889 00447
83776 73373 12303 17655 02840 70421 89308 77042 49209 37605

42813 37084 34955 08781 84649 44710 08580 70675 44525 03813
41269 12884 13746 62586 07377 49051 44888 80666 63841 32687
24619 61981 58208 16049 61857 64267 19959 25525 58434 21185
14827 24201 00000

11048/9244/7319 kHz, 16-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 16-02, 1200/1210/1220 UTC

11166 70202 14795 15025 02339
46426 43137 26567 05626 48094 09415 51470 16764 32098 47070
08293 45469 07862 33469 10115 63369 39657 95603 95087 52212
66172 51707 53282 31860 09256 98677 82541 33305 07737 24986
71780 08898 37301 53760 35150 96960 02329 45736 45537 82986
10639 16751 40801 24615 67093 49485 01214 32550 46976 04124
21520 24640 35099 57631 26073 95272 41568 26330 00464 67302
30144 51466 38098 18682 20144 52446 25157 00978 47809 77448
12358 91987 98087 06071 46989 49606 42763 83727 63623 59166
45866 92471 56958 91408 22317 87918 85236 13298 60713 56989
77655 18845 46231 76122 44228 72149 44552 74679 11516 79824
32766 33201 32683 35013 88182 71217 45304 00169 70991 04301
75358 20793 61706 75040 10861 87322 39336 87627 93551 87339
11208 00750 02095 15312 30397 58465 25215 32033 61684 63759
48219 90957 81991 24457 01325 73624 26224 26193 43252 01338
14462 12120 78498 15320 21437 74033 31753 42494 74231 84624
27863 89113 89135 25520 50818 29396 83608 90816 80167 81376
24264 70796 28320 87149 96840 45491 27157 39693 09074 42812
37402 23464 62420 40912 79183 60945 53561 19469 07219 82352
91638 89591 79075 60648 42140 57019 89928 79102 33391 98310
72258 23538 86574 54713 83936 16484 55230 73390 33117 35406
85158 50701 13388 82206 30674 57218 47614 96184 88145 49177
63906 27636 32757 96023 52158 14287 69427 78781 74588 27750
33834 38893 28721 82186 04465 82246 86247 22355 11642 68055
56204 25231 00000

11048/9244/7319 kHz, 17-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 17-02, 1200/1210/1220 UTC

11166 70202 15972 16026 01739
43077 33915 37228 38487 88698 86509 70198 91126 79788 26238
14360 60133 68847 06791 69095 72084 12075 00744 30170 45242
72929 61101 16195 15600 21093 59887 80334 89190 62792 83478
05714 12865 63394 89358 07949 80696 48237 53989 93249 18238
92606 66479 45518 11781 36826 47747 40900 74830 87365 99850
13202 68975 89936 15191 18633 21337 85489 00254 73301 05788
85063 93605 61897 80129 24416 82797 41007 96410 84379 49898
85496 26586 87875 00316 51389 70681 09531 54617 53701 39680
58822 08016 82637 30293 22701 87229 06619 33817 78619 59380
35555 46259 13911 72643 42810 71919 12459 33311 69302 37619
94573 48979 58158 59760 21050 92528 93386 31404 97300 66597
40980 21554 38544 73225 15906 03843 81953 18368 23402 56788
56718 05955 48039 02828 47954 01194 88967 78310 15400 67790
64792 51624 52832 08790 36515 31667 99148 65715 21985 33828
37037 55698 00286 95683 40190 51276 29498 59581 54987 32567
26294 64308 27588 66480 80762 13032 12376 92674 04948 09691
22680 20941 38501 81040 09729 69697 59911 26520 80754 00287
67252 61710 00000

11166 70202 48732 16027 01679
64714 45545 89159 49870 18294 68182 98590 91033 58127 57265
92719 00870 81286 33102 22779 58952 77707 80691 65390 81560
69679 90945 47456 39911 71751 03974 81315 29657 06988 34100
08584 83844 40509 81307 76120 46521 16248 58793 92571 49164
07875 91331 38903 57134 19816 64114 31390 78342 99308 26779
60474 51300 45426 82289 53942 54756 26019 15375 37855 06109
38495 40204 93674 40765 75392 71983 35014 89650 80673 52174

52452 97050 07675 82005 99862 45970 14658 43976 20669 83201
58897 16032 37495 61285 75236 08112 53617 39552 50059 75736
39682 11440 26601 90339 04106 50262 02555 71027 70612 90621
05896 07444 11328 87660 59858 28445 08887 21321 73027 96256
45975 37824 15447 30810 45755 45537 66715 93936 11606 07420
46984 88121 39616 97247 66801 49487 02267 11787 56750 39707
26752 56113 62799 66533 16353 44271 18320 87619 88325 82439
28700 77342 26729 26817 29492 61286 73622 33390 04031 48101
07097 41797 71470 13407 79539 60445 81156 15436 14610 45102
74293 47102 86329 88114 98832 27165 00000

11048/9244/7319 kHz, 18-02, 0700/0710/0720 UTC

11166 70202 45632 18053 00049 00000 00000 00000 00000

11048/9244/7319 kHz, 21-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 21-02, 1200/1210/1220 UTC

11166 70202 32561 18028 02399
18196 74237 03398 96717 39709 55590 59470 25481 34807 33876
96798 01285 57971 62135 58782 07120 29118 39730 16134 41047
36083 68515 66476 07963 62205 34494 61392 48568 99942 19659
84348 22746 36462 73683 27932 89498 22137 00176 43845 50680
57899 37162 64092 50661 62366 36502 16794 49160 04703 71914
85066 09388 14129 30301 82407 68726 02038 66066 43018 84105
57644 23108 50514 69276 03103 54165 53443 66171 19040 92231
41060 17526 76432 53695 77794 32962 35774 77904 19846 65717
99457 32856 62344 42204 28323 41675 90518 11585 58303 09586
33302 07564 78102 56061 42817 39562 53848 81831 48182 55482
11655 25448 57062 43243 14029 89077 03422 63262 91072 38234
64898 29095 12393 05113 98246 78399 10684 50232 66287 01420
92901 62060 54791 19177 99976 99317 02750 28561 00992 05646
94459 56492 32782 51324 86857 90367 20872 81725 70550 76949
42703 77195 87974 06908 19083 54053 57118 27192 44793 61381
74251 48422 94299 53313 94093 39489 63489 41489 10866 26543
33388 57383 88650 38573 66785 79176 14515 66749 73706 02866
72820 29725 06669 62306 64159 62081 71663 27859 17363 68108
65796 38343 68011 08099 77522 45977 01883 09357 10425 78996
86781 19093 16454 51630 41192 41410 49589 76129 13169 25550
75840 56540 67935 97601 00536 68896 07602 52857 98834 57522
71451 50990 60398 02148 90231 81266 84160 35500 92889 89949
84129 16078 89177 87107 92169 85786 76583 75001 68681 67123
45012 65243 57144 79601 77659 76905 43432 28237 00000

11048/9244/7319 kHz, 22-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 22-02, 1200/1210/1220 UTC

11166 70202 79465 21029 01899
47791 13200 99654 42766 06489 60784 09904 64922 18210 56011
28812 71680 04769 11153 08733 54757 49536 41963 97945 78088
59859 98532 88674 86658 54970 23583 02312 01367 84072 61638
29035 85869 04288 67517 64006 96327 73151 87576 07345 50005
35358 12146 20048 73649 08415 22592 53069 17602 96924 81450
91713 46555 90157 39059 82568 42925 22622 55132 35127 83742
02299 58721 15313 77026 36253 94979 73089 68564 08281 32190
71334 55041 88311 27482 08173 64456 78217 74677 49950 89752
23755 82700 17048 86619 47290 57995 89710 71386 81027 89383
26079 79949 05401 58798 09622 73674 22337 26337 68150 03212
18067 63069 31599 66153 95172 30035 20761 19478 78568 26868
84177 32721 25083 58493 25352 92800 91353 93319 87480 96443
39698 11384 87900 91145 86677 65860 19422 50606 24003 06402
60750 95570 66508 37723 63172 96021 06858 11883 05702 15656
81672 77688 35868 84580 78779 35672 38341 11180 40253 72070
98570 69060 40955 70239 53635 20055 47239 22960 47484 59178
85524 94046 32762 92505 75421 02720 86405 83894 07095 29166
31195 31493 67547 64723 80446 59968 45523 55144 48045 39400
69711 10348 90987 66765 59933 79124 76641 29187 00000

11166 70202 36974 21030 02059
63111 92332 12726 93959 60664 42794 51069 78661 63065 19082
03052 36895 73870 11416 56953 70977 84221 48336 94607 60747
21720 84805 50670 53680 69700 42366 32145 56255 92865 81034
96600 18795 30201 07614 12517 30936 41105 50137 50196 69945
15692 53090 76677 69044 85182 73138 53096 97947 93332 80022
57918 72789 14842 92320 84495 37641 31656 02758 86366 84788
03137 72754 68760 05976 90998 00905 49720 91782 24981 95064
39296 21347 20178 02739 10246 09596 81956 79460 58666 04186
59426 99843 78018 49345 33365 41003 94956 58788 49566 93016
40416 64905 33532 76134 54393 36407 47443 69410 47856 81615
75365 80445 70212 79583 47603 10936 55794 06241 40159 97704
47773 47736 10225 33912 22963 18186 53644 00128 65929 23996
95293 59957 65863 41955 48298 99901 34642 03290 03041 18146
69511 00860 31895 91960 08851 61682 20614 78402 54424 51985
62315 28006 58588 06956 75011 16149 99866 02395 28598 21782
95349 10447 92262 08207 23342 06599 38242 85597 54707 20138
62855 59943 16334 45257 10768 98103 35178 54986 13415 63669
36300 85146 77515 03310 93345 80513 84635 88291 54910 20368
87705 40865 95217 65640 15463 00204 62546 94810 20736 07575
23855 20776 33516 15443 29035 05859 04746 50180 43227 17147
51775 83083 20646 30203 00000

11048/9244/7319 kHz, 22-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 22-02, 1200/1210/1220 UTC

11166 70202 24697 22031 02379
81620 40458 94489 74625 04035 13887 98024 22199 31150 94435
19255 89064 10348 21315 40838 96486 62865 50313 64637 43410
06556 61283 17921 81189 48255 13777 00277 91921 94230 93009
82193 25091 52125 13346 91231 72190 22847 71493 46739 84032
05838 66585 29030 60410 66155 29352 93981 66818 36811 27562
68974 57905 54797 39909 91117 12360 54251 15561 73699 08902
65171 61524 11796 98077 91152 25043 62975 49548 64551 63189
64044 79544 02538 16860 69759 88193 12455 31352 24454 61390
19947 90707 02506 16910 18259 58013 78603 99445 62183 38846
13717 54261 55064 10055 67744 34142 02305 81054 74747 19333
29820 79830 41726 55160 90865 80842 56863 37003 09684 16999
18180 97329 35406 42913 18541 74463 04642 41610 47943 67775
36201 91874 99026 08995 06378 38442 86744 04316 78245 32198
18138 26993 83385 32588 73131 65114 79500 89429 82319 54238
32340 46290 12648 49575 95383 32652 96948 17419 85713 37024
68266 50491 79514 78197 84890 36909 75642 16840 57067 37445
00700 74603 11297 50786 54045 52943 53169 71456 16185 68828
14672 70110 68986 49535 96907 50878 01138 53711 44164 65442
97300 10894 10263 88548 34396 96679 03132 84621 33452 85714
18543 20188 40458 49715 98940 01785 34657 92690 78312 44046
87722 40562 99023 97645 22248 27358 11572 91802 42987 45189
93180 71012 39293 50170 46186 30714 82181 41497 62137 81563
64462 55844 62565 97012 57369 44287 52345 23873 82142 23938
46595 60556 19981 21463 57044 31235 00000

11048/9244/7319 kHz, 24-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 24-02, 1200/1210/1220 UTC

11166 70202 14758 22032 02159
51115 57709 31192 18185 61130 91192 20227 94405 12220 70291
02644 84368 67721 57771 97617 85675 99309 05338 05347 82690
20679 15811 86685 88455 15857 78447 08502 15214 10588 19595
65691 28237 60212 35864 15789 62643 52499 02005 87121 07884
48846 70687 46423 89601 12302 06351 36868 03533 95843 20336
22454 81152 89339 99461 99657 91743 48647 45257 62327 10575
55273 66017 30729 07893 80043 88886 80686 38384 49205 84138
33765 35828 36414 18861 94423 42605 29039 82217 45073 28761
42218 49479 34991 80300 79103 77010 24013 61418 60741 45410

66951 80337 74014 92968 49676 13443 11088 06659 12785 67416
98796 62824 23817 84035 41416 34772 83939 17343 25245 09432
80033 37860 58440 80302 18142 43549 44549 08846 99191 82187
13165 71520 22948 14869 56154 34663 31114 75295 42881 24372
25548 04563 12881 83607 22500 66119 69406 33690 28824 70588
22294 82364 51110 65146 53580 45657 73650 67126 04316 75666
66199 46566 06002 11517 07452 87351 05097 95631 35187 81670
54026 22532 59004 37457 67131 12346 96596 03501 65002 26199
19497 41931 55623 65702 19231 02744 25771 23703 29827 80073
41107 78487 67599 54884 78400 48638 74162 53778 38312 50713
73601 78601 12185 26958 79743 86545 01280 35207 14457 25417
11882 18195 22936 53768 74732 94442 96881 00594 62206 37916
41540 44244 01688 32213 00000

11166 70202 36925 22033 02139
31429 36096 08809 67629 04828 65407 61766 38532 60518 027740
83199 55779 55956 94940 90418 70355 33356 65876 72449 554152
35989 38445 68740 43592 07323 46790 03513 78926 56682 898637
42735 64241 43766 69240 43423 42547 03143 09937 49850 427212
98659 00854 06410 18388 58227 14441 09551 42500 82681 355001
54207 78687 53999 73475 02149 10603 46415 58622 37663 092330
56998 99028 93704 92963 85254 10940 31952 05316 92448 724895
86588 99215 12324 62773 37583 05885 11108 31937 81021 328880
98372 21309 89246 00615 56410 67883 71791 29565 54491 960164
74333 04004 14574 41345 01513 00036 14095 79265 50215 366919
13294 63663 61925 79960 02025 88135 04286 71363 55004 226007
31884 24246 13040 03875 00944 95422 34031 13024 61263 375448
60977 50575 18255 05364 41049 01125 19517 43887 43867 254697
23956 03007 33701 63870 58992 55189 95371 76790 47359 354651
49762 60680 05833 35746 25096 18548 10700 85323 47219 405381
84447 76527 01068 71427 21428 86854 38329 78357 21580 271559
75856 37079 51283 62218 61540 58351 77228 66061 33575 913975
29952 70949 69443 68280 93038 72185 33731 38274 56421 124613
70959 91416 31854 30722 22190 17114 16618 44627 38687 932117
38953 96830 59488 35688 76423 17148 60500 90663 74874 673599
16668 87490 51264 04670 00669 31883 00917 33211 00000

11048/9244/7319 kHz, 25-02, 0700/0710/0720 UTC

11166 70202 29478 25015 00049 00000 00000 00000 00000

11048/9244/7319 kHz, 28-02, 0700/0710/0720 UTC

11164/9164/7617 kHz 28-02, 1200/1210/1220 UTC

11166 70202 31648 25034 02599
06278 10938 94958 77862 27423 80519 47986 97810 47202 09592
94145 82098 83660 04771 23418 40183 56809 04749 97508 96774
46133 61616 25182 12267 11486 39070 22066 25528 25797 69708
65877 73743 93039 38596 82982 68997 49876 85280 27252 36278
74448 41460 37132 42600 50725 46479 81879 71920 61852 07847
32896 25552 10951 98954 21091 52747 92790 11202 66222 41144
64777 02691 89149 21767 90700 10697 42926 68263 55663 20097
23687 95064 75653 04939 47250 84166 50169 85342 02381 95200
31353 66928 16661 38505 08073 54939 95880 15860 28371 60273
22914 58597 08740 39582 26993 17751 03644 36652 59347 85951
33739 17232 36108 55750 96215 14516 34447 44043 05711 27451
52878 37308 39226 39062 71643 37330 83481 46992 74150 12091
08155 23433 15370 81535 13432 46633 48148 92881 25315 71184
43367 65166 37118 29260 64891 07727 20595 79995 85235 42285
55132 49208 52889 83338 48447 26628 47245 56537 47224 12844
82059 59738 61134 33136 43384 96422 48668 60401 72912 36161
38221 14332 32667 81821 82877 29070 11981 48198 72313 06492
62689 81760 50275 97330 73497 76197 11055 77319 19431 63447
73409 10538 47329 84913 55364 17157 83311 72533 98320 87760
73150 94404 13932 11444 91494 44645 52157 09864 80876 82182

13958 94431 06444 48152 57047 88847 37346 16607 68150 84141
90726 58195 00210 18433 99243 21539 97960 98576 88068 61955
60328 05895 72286 72238 13079 53181 10657 95178 90160 85152
76647 22508 47176 39555 32698 09954 55415 11100 18642 63098
49898 85412 90222 73727 29858 35197 68652 11351 35103 95791
87135 99586 46689 62303 45308 32100 85357 34257 00000

Link 80214

14983/12196/9917 kHz, 03-02, 1330/1340/1350 UTC

11166 80214 46278 03067 00049 00000 00000 00000 00000

14983/12196/9917 kHz, 10-02, 1330/1340/1350 UTC

11166 80214 13468 09007 00049 00000 00000 00000 00000

14983/12196/9917 kHz, 17-02, 1330/1340/1350 UTC

11166 80214 62743 17081 00049 00000 00000 00000 00000

14983/12196/9917 kHz, 24-02, 1330/1340/1350 UTC

11166 80214 14523 17081 00049 00000 00000 00000 00000

F06a – FSK 200/1000

Link 70202

11048/9244/7319 kHz, 02-02, 0700/0710/0720 UTC	File 44413
11164/9164/7617 kHz 02-02, 1200/1210/1220 UTC	File 44413
11048/9244/7319 kHz, 03-02, 0700/0710/0720 UTC	Files 44414 and 44415
11164/9164/7617 kHz 03-02, 1200/1210/1220 UTC	Files 44414 and 44415
11048/9244/7319 kHz, 07-02, 0700/0710/0720 UTC	File 44416
11164/9164/7617 kHz 07-02, 1200/1210/1220 UTC	File 44416
11048/9244/7319 kHz, 08-02, 0700/0710/0720 UTC	Files 44417 and 44418
11164/9164/7617 kHz 08-02, 1200/1210/1220 UTC	Files 44417 and 44418
11048/9244/7319 kHz, 09-02, 0700/0710/0720 UTC	File 44419
11164/9164/7617 kHz 09-02, 1200/1210/1220 UTC	File 44419

6909/5796/4839 kHz, 03-02/04-01, 0500/0515/0530 UTC	File 44413 (note: same file nr as above but a different content)
6909/5796/4839 kHz, 10-02/11-01, 0500/0515/0530 UTC	File 04414
6909/5796/4839 kHz, 17-02/18-01, 0500/0515/0530 UTC	File 04415
6909/5796/4839 kHz, 24-02/25-01, 0500/0515/0530 UTC	File 44416

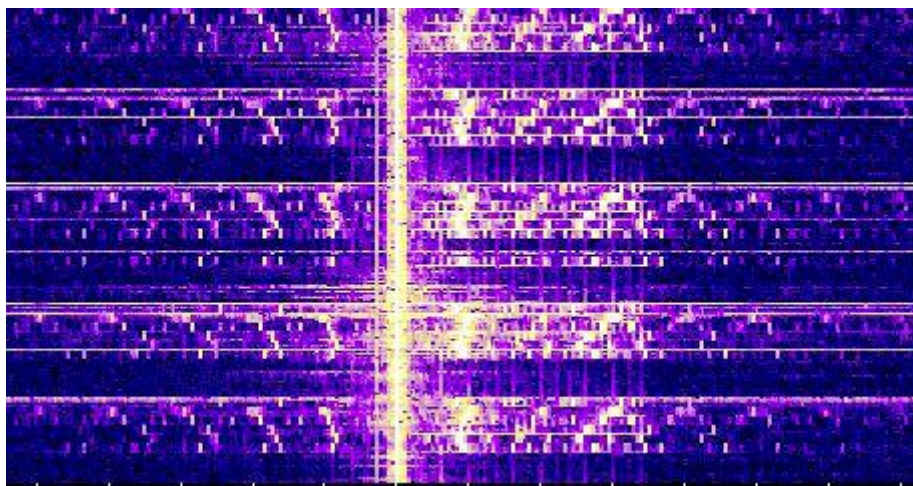
19325/17513/15766 kHz, 05-02/06-02, 1500/1515/1530 UTC	File 04407
19325/17513/15766 kHz, 12-02/13-02, 1500/1515/1530 UTC	File 04408
19325/17513/15766 kHz, 19-02/20-02, 1500/1515/1530 UTC	File 04409
19325/17513/15766 kHz, 26-02/27-02, 1500/1515/1530 UTC	File 04410

5089/7337/9481 kHz, 10-02, 1020/1035/1050 UTC	File 04485
15991 kHz, 18-02, 0900 UTC	File 44474 binary contents but starting with \r\n\r\n\r\n\r\n
6957/9425/11611 kHz, 25-02, 0600/0615/0630 UTC	File 04459
8075/10576/ 12211 kHz, 25-02, 0700/0715/0730 UTC	File 04459
0730z: wrong freq 12201 kHz, switched at 0733z to 12211 kHz	

X06 - Mazielka

13524 kHz, 01-02, 0752 UTC	MFA Moscow clg 125643: Russian embassy Ulanbatar
12157 kHz, 01-02, 0857 UTC	MFA Moscow clg 165423: Russian embassy Brussels
14358 kHz, 01-02, 0945 UTC	MFA Moscow clg 154263: Russian embassy Rome
16188 kHz, 01-02, 1154 UTC	MFA Moscow clg 325614: Russian embassy Nairobi
15836 kHz, 01-02, 0912 UTC	MFA Moscow clg 165423: Russian embassy Brussels
14812 kHz, 01-02, 0920 UTC	MFA Moscow clg 246531: Russian embassy Accra
13838 kHz, 02-02, 0737 UTC	MFA Moscow clg 256341: Russian embassy Beirut
14631 kHz, 02-02, 0930 UTC	MFA Moscow clg 362154: Russian embassy Athens
13979 kHz, 02-02, 1111 UTC	MFA Moscow clg 215346: Russian Consulate General Mumbai
19511 kHz, 03-02, 0709 UTC	MFA Moscow clg 314265: Russian embassy Antananarivo

14447 kHz, 03-02, 0825 UTC	MFA Moscow clg 162543: Russian embassy Nicosia
14720 kHz, 04-02, 1003 UTC	MFA Moscow clg 241563: Russian Consulate General Karachi
12215 kHz, 04-02, 1015 UTC	MFA Moscow clg 361245: Russian embassy Copenhagen
14824 kHz, 04-02, 1021 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
13452 kHz, 07-02, 0744 UTC	MFA Moscow clg 165324: Russian embassy Vienna
14377 kHz, 07-02, 0832 UTC	MFA Moscow clg 432516: Russian embassy Bern
14392 kHz, 07-02, 0904 UTC	MFA Moscow clg 532614: Russian embassy Paris
11545 kHz, 08-02, 0810 UTC	MFA Moscow clg 534216: Russian embassy Baghdad
17523 kHz, 08-02, 0829 UTC	MFA Moscow clg 542136: Russian embassy Beijing
16317 kHz, 08-02, 1009 UTC	MFA Moscow clg 612534: Russian embassy Ashgabat
17470 kHz, 08-02, 1021 UTC	MFA Moscow clg 216354: Russian Consulate General Chennai
20605 kHz, 08-02, 1113 UTC	MFA Moscow clg 256134: Russian embassy Abidjan
10214 kHz, 09-02, 0906 UTC	MFA Moscow clg 263145: Russian embassy Prague
16153 kHz, 10-02, 0817 UTC	MFA Moscow clg 153624: Russian embassy Damascus
13506 kHz, 10-02, 0943 UTC	MFA Moscow clg 164532: Russian embassy Dublin
12177 kHz, 11-02, 0932 UTC	MFA Moscow clg 356412: Russian embassy Berlin
12114 kHz, 13-02, 1040 UTC	MFA Moscow clg 145632: Russian embassy Algiers
15710 kHz, 13-02, 1127UTC	MFA Moscow clg 261453: Russian embassy Cairo
17475 kHz, 14-02, 0811 UTC	MFA Moscow clg 156234: Russian embassy Kampala
11537 kHz, 14-02, 0908 UTC	MFA Moscow clg 421635: Russian embassy Oslo
16117 kHz, 14-02, 0931 UTC	MFA Moscow clg 463125: Russian embassy Rabat
10372 kHz, 14-02, 0936 UTC	MFA Moscow clg 431625: Russian embassy Warsaw
20690 kHz, 14-02, 0817 UTC	MFA Moscow clg 156234: Russian embassy Kampala
12177 kHz, 14-02, 1246 UTC	MFA Moscow clg 364152: Russian embassy New Delhi
13548 kHz, 15-02, 0745 UTC	MFA Moscow clg 214356: Russian embassy Amman
14615 kHz, 15-02, 0751 UTC	MFA Moscow clg 125643: Russian embassy Ulanbatar
12174 kHz, 15-02, 0906 UTC	MFA Moscow clg 154632: unid embassy
14358 kHz, 15-02, 0927 UTC	MFA Moscow clg 154263: Russian embassy Rome
12186 kHz, 15-02, 0917 UTC	MFA Moscow clg 214356: Russian embassy Amman
16115 kHz, 16-02, 1112 UTC	MFA Moscow clg 215346: Russian Consulate General Mumbai
18660 kHz, 16-02, 1120 UTC	MFA Moscow clg 621543: Russian embassy Lisbon
18245 kHz, 16-02, 1232 UTC	MFA Moscow clg 231654: Russian embassy Abuja
14947 kHz, 17-02, 0759 UTC	MFA Moscow clg 351264: Russian embassy Abu Dhabi
19405 kHz, 17-02, 1003 UTC	MFA Moscow clg 352416: Russian embassy Dar es Salaam
16103 kHz, 17-02, 1003 UTC	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
15878 kHz, 18-02, 1003 UTC	MFA Moscow clg 621543: Russian embassy Lisbon
15878 kHz, 18-02, 1003 UTC	MFA Moscow clg 621543: Russian embassy Lisbon
15878 kHz, 18-02, 1003 UTC	MFA Moscow clg 621543: Russian embassy Lisbon
14824 kHz, 18-02, 1003 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
13547 kHz, 18-02, 1003 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
11545 kHz, 18-02, 1003 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
11545 kHz, 18-02, 1003 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
12215 kHz, 18-02, 1003 UTC	MFA Moscow clg 361245: Russian embassy Copenhagen
13452 kHz, 21-02, 0750 UTC	MFA Moscow clg 165324: Russian embassy Vienna
10175 kHz, 21-02, 0811 UTC	MFA Moscow clg 263514: Unid embassy
12133 kHz, 21-02, 0828 UTC	MFA Moscow clg 263514: Unid embassy
11562 kHz, 21-02, 0833 UTC	MFA Moscow clg 432516: Russian embassy Bern
11438 kHz, 21-02, 0916 UTC	MFA Moscow clg 532614: Russian embassy Paris
12126 kHz, 24-02, 0755 UTC	MFS Moscow clg 521634 Russian embassy Bucharest
14547 kHz, 25-02, 1301 UTC	MFA Moscow clg 645321: Russian Consulate General in Ho Chi Minh City
12114 kHz, 27-02, 1042 UTC	MFA Moscow clg 145632: Russian embassy Algiers
15710 kHz, 27-02, 1025 UTC	MFA Moscow clg 261453: Russian embassy Cairo
20690 kHz, 28-02, 0849 UTC	MFA Moscow clg 156234: Russian embassy Kampala
11537 kHz, 28-02, 0907 UTC	MFA Moscow clg 421635: Russian embassy Oslo
16117 kHz, 28-02, 0934 UTC	MFA Moscow clg 463125: Russian embassy Rabat
10372 kHz, 28-02, 0937 UTC	MFA Moscow clg 431625: Russian embassy Warsaw
20690 kHz, 28-02, 0849 UTC	MFA Moscow clg 156234: Russian embassy Kampala



overmodulated X06

XPA1

13397/14413/15972 kHz, 0810/0830/0850 UTC

13397/14413/15972 kHz, 01-02/03-02/08-02/11-01, 0810/0830/0850 UTC

143 143 143 1 143 143 143 1 143 143 143 1
 07301 00118 49703 42752 44695 71583 58215 06345 22101 77449
 65745 41117 47673 26583 53351 02348 15958 14695 55199 16847
 19259 95306 40782 48602 79958 13556 76146 26478 35029 38394
 40216 27591 02816 51581 95103 63038 50431 76348 71840 70483
 63819 28230 30321 91878 27093 32461 51823 29077 37961 83999
 06105 41511 92948 59808 14966 58820 34722 88449 11201 17046
 57482 71405 79237 75104 50047 89200 31743 28292 61213 05767
 22409 98950 60531 20744 34895 39324 45605 93611 46159 27661
 77240 98375 17309 55119 71252 27371 10086 09409 28646 64518
 11415 48221 60526 83843 06613 58244 51289 36974 67643 78412
 64635 77475 23678 20894 76249 33402 64679 67353 30702 07743
 15382 03059 00999 33641 46750 45440 75829 93274 68287 58729
 56546

13397/14413/15972 kHz, 15-01, 0810/0830/0850 UTC

143 143 143 000
 02540 00001 00000 33656

13397/14413/15972 kHz, 17-01, 0810/0830/0850 UTC

143 143 143 000
 06329 00001 00000 37260

13397/14413/15972 kHz, 22-01, 0810/0830/0850 UTC

143 143 143 000
 06869 00001 00000 41664

13397/14413/15972 kHz, 24-01, 0810/0830/0850 UTC

143 143 143 000
 04635 00001 00000 36657

14374/13374/11474 kHz, 1310/1330/1350 UTC

14374/13374/11474 kHz, 02-02/04-02/09-02/11-02, 1310/1330/1350 UTC

334 334 334 1 334 334 334 1 334 334 334 1
 00752 00094 79816 51214 40123 22707 53306 00946 75692 31348
 29972 15202 45577 15690 55783 49629 59055 06255 00692 15355
 41176 56969 46647 11228 43808 67556 07067 49317 14949 44114
 79716 02526 41286 62643 19615 03067 11161 69796 61479 61897

54748 94376 47909 52482 82793 15160 89105 13680 11014 72480
79432 59827 49040 20192 54406 63345 13936 56248 83347 41360
69742 62428 70670 29946 80903 87803 67418 65370 60903 14860
22554 59171 09067 84001 63902 35435 47893 35183 45147 61863
41725 25953 29459 05356 65055 82381 02634 15252 13340 14080
69760 47801 88753 52451 73826 45790 75407

14374/13374/11474 kHz, 16-02/18-02/23-02/25-02, 1310/1330/1350 UTC

334 334 334 1 334 334 334 1 334 334 334 1
07930 00130 61660 74032 87737 34443 29782 63099 42474 40261
65974 85265 22243 92661 40506 55109 96760 68270 50415 30763
86543 81819 48799 01061 01221 58041 71409 62872 59741 54550
33414 21447 21851 59045 66952 97293 80913 12915 07333 44929
85590 50958 95163 81673 19680 85093 48493 68634 63382 53284
81178 87355 34470 70312 09808 02381 57884 98775 59459 85345
11584 66173 42232 73857 03629 78742 98945 06393 65089 94872
61909 61355 75001 20108 55480 41766 74115 16495 71780 69764
41220 09947 72505 83298 18358 89417 87076 06387 47050 92670
71552 33532 68365 16053 35545 05588 91284 30153 27417 32359
51327 91520 08980 23583 12856 94955 51704 68741 86406 55580
31756 24941 20270 23811 88990 85068 12534 20054 90751 63348
61217 60681 77977 57745 84833 41251 84387 32283 21116 71575
04329 70412 72301

XPA2

10643/11431/12192 kHz, various times

10643/11431/12192 kHz, 01-02, 0820/0830/0840 UTC

06586 00068 75828 69261 64788 44723 56680 68097 79830 72836
95334 09523 27350 18022 79283 65480 25454 93339 72764 06229
91618 02498 45721 73710 75624 52643 93181 09364 78344 25447
69111 34463 85058 13810 70073 91172 07167 01977 54636 18853
86340 68382 22642 04488 04134 23612 03644 33760 27145 28205
74973 44907 31261 86298 76786 22781 40664 63810 93797 05526
55217 06110 17182 25614 48199 39815 67415 97484 02708 12864
01745

10643/11431/12192 kHz, 01-02, 1110/1120/1130 UTC

07116 00070 87617 22676 56196 02629 35289 67561 67720 60078
53435 71485 38263 34810 56069 78880 91843 00921 52707 84197
12962 93837 82686 19823 35595 39980 37919 72224 71542 35946
96853 66918 93934 12589 97686 29062 80521 69372 03035 31201
09056 10091 66299 98718 29768 56222 07041 80759 68366 40136
54019 11460 58770 95771 88112 35194 54867 66950 66343 70657
82427 62995 50415 10004 26264 25674 28525 20580 37904 62192
70614 20785 22407

10643/11431/12192 kHz, 01-02, 1300/1310/1320 UTC

07007 00070 82053 84800 88958 13312 27195 91503 53850 79260
55508 77766 44324 00094 68764 59350 11607 61018 14838 09619
69214 67963 73255 37347 89913 29483 53253 29561 82470 72385
26230 79171 63027 41613 42638 65105 96520 81856 28744 51206
66141 09844 18021 97828 32051 64283 43149 35110 82314 37525
73913 35535 57009 86628 36629 08907 89936 03016 89764 11215
71241 07712 46566 67748 56560 49078 85740 66516 35982 24098
34839 06647 07747

10643/11431/12192 kHz, 01-02, 1340/1350/1400 UTC

08556 00065 88787 16679 03808 55554 00308 95550 56167 95277
82106 89695 33706 84618 50063 41239 03775 77349 00696 29009
49192 71562 66294 05947 00118 55001 50244 00858 62612 36556
79628 46917 10557 54853 77550 83155777633 53950 56666 66146
88007 05000 05060 33122 23347 60694 12617 76463 92840 00072
24824 35740 99269 78891 79582 96847 50861 63463 39006 00152
11155 33395 77255 90552 33157 78852 93116 28108 63516 66213
04629 81577 31466 24002 06566 88081 15722 36170

10643/11431/12192 kHz, 02-02, 0900/0910/0920 UTC

02958 00056 89740 26212 76101 39776 56346 75937 71830 26414
85974 64958 37246 26372 77845 67899 64528 06599 25354 98468
62796 06528 96062 81956 60479 23305 73203 37667 30310 64725
88891 58904 73570 64928 05383 57272 75047 94298 48629 94504
25444 25066 76176 13101 11043 29183 02120 20594 33620 86858
63593 04912 34225 54974 07157 75744 50597 76299 52402

10643/11431/12192 kHz, 02-02, 1000/1010/1020 UTC

09806 00079 41348 66517 56831 03132 60660 96242 30620 71687
53454 09524 71992 34739 04183 50534 86356 36010 90904 21706
24397 02528 93185 18329 73529 04131 43571 43485 11820 58143
37409 89096 61104 67460 83468 55223 22697 68582 52529 99784
73535 92823 36854 35137 72635 58268 67475 87247 30248 83976
47406 57189 00136 62195 52753 60146 29404 83400 06347 39982
62011 10960 56627 15097 27085 99280 70329 08292 84705 49175
88909 81161 27062 42426 32169 89930 07531 81320 87670 13171
14902 65447

10643/11431/12192 kHz, 02-02, 1040/1050/1100 UTC

01478 00051 86244 02917 66990 64181 16552 90712 62161 71096
95302 66662 50189 20614 94890 44372 53211 53435 33087 61269
64844 57408 13946 18063 96350 53923 31676 05746 88354 04625
70630 01241 18264 96176 51604 02810 17766 25265 93225 06704
32859 64680 83049 40502 44526 28344 44766 88169 79467 62831
90670 7687 81145 51410

10643/11431/12192 kHz, 02-02, 1300/1310/1320 UTC

08246 00074 57342 81494 66061 68340 50706 73794 44831 10190
04119 10311 04942 40384 43549 18740 56339 09604 70683 95307
17346 79618 32816 31541 53337 47710 64678 83871 12511 41420
70892 84071 02502 86137 03730 28112 32512 65750 42051 97493
89149 42599 93948 76485 38623 82110 54184 31018 39850 12674
22539 93801 10484 51105 55292 30012 56468 28784 93006 35015
91528 69616 93685 55791 64265 25228 70962 30282 22514 66141
77099 48966 07338 83052 43978 49018 07667

10643/11431/12192 kHz, 03-02, 0700/0710/0720 UTC

07046 00075 43858 58457 03300 48451 34765 96860 92619 29001
41265 60426 67475 96298 99858 76207 57446 12009 92693 18960
67112 42788 07341 83903 75109 63816 86691 86221 95218 18175
88923 05025 14610 41333 10784 23017 71058 97360 26960 48114
04843 71081 75847 93020 67730 50189 31977 33610 86452 77580
18807 27438 70198 56164 66822 92113 85287 43805 59233 85576
15843 40577 95300 17323 27119 73494 47441 26843 37025 95231
01234 44746 06633 20887 49999 46869 11074 30160

10643/11431/12192 kHz, 03-02, 0800/0810/0820 UTC

02301 00054 34053 80287 01872 07623 56599 72380 15444 10650
93377 21039 80115 79066 66486 57420 90014 23727 61982 03387
10094 29411 47829 89063 42790 56565 13549 90161 28512 82693
02743 93199 54859 11330 78441 56661 20525 96019 58276 89011
78285 28237 27476 58600 40244 85783 66554 47663 04736 84400
92906 65846 61301 62932 81079 03876 51644

10643/11431/12192 kHz, 03-02, 0900/0910/0920 UTC

01599 00071 89950 34643 69338 78288 18014 11081 69450 94566
04223 01698 39545 99718 24827 64839 33617 66774 04008 64090
06473 66946 52305 03369 31077 83841 24829 68871 06308 81047
21407 86695 38424 04019 14559 68989 72369 19750 91928 11067
30856 75910 97898 04832 06509 94377 48206 73801 50650 23047
63636 74847 22235 14730 66827 09097 64990 11938 25328 38299
75630 05366 74871 83234 95448 02543 16111 08589 58361 87610
05949 21149 80925 52137

10643/11431/12192 kHz, 03-02, 1000/1010/1020 UTC

03419 00058 34858 99190 27905 50842 60539 69892 03476 78462
15170 80268 78875 29561 91279 82247 65120 19820 57214 25713
83853 03471 58881 27564 21355 19037 34109 37690 75005 79391
49160 79291 02008 07798 40657 70208 25112 33591 34679 54014
01417 32693 67219 51975 71875 94951 30067 00039 07564 62574
44367 83767 93079 66639 50584 06228 78117 87389 73469 76867
07305

10643/11431/12192 kHz, 03-02, 1300/1310/1320 UTC

07368 00076 29454 44138 51812 27738 46186 17958 33001 73350
69647 00386 77424 58692 75645 21794 94222 49606 14191 59755
97433 13295 82347 24109 61520 24729 24244 10980 17758 90628
18669 82120 66992 30995 25308 83940 27448 48645 98674 48734
91765 54670 52618 91418 53445 38553 05601 10882 91830 51595
33649 56301 79040 96607 83589 35138 13600 68105 47765 01420
04416 07755 04929 33934 04642 15939 11828 68449 81645 07561
61080 68095 48464 96633 58545 97182 30212 00022 17007

10643/11431/12192 kHz, 04-02, 0710/0720/0730

01141 00050 63974 65628 36543 20818 02038 28346 83258 22017
98919 35210 38159 32591 71150 93950 00739 23944 65243 01664
97099 76309 96700 30866 02054 29720 77201 39831 60844 08140
03004 66547 89001 23696 31450 03604 38210 37264 64463 79832
61277 89503 30594 06907 51059 97812 15277 15441 42220 68412
00857 51677 06623

10643/11431/12192 kHz, 04-02, 0810/0820/0830

09523 00067 88123 83387 27715 48005 82463 49982 23638 45074
72581 06629 40177 63598 93555 91331 97358 56552 73788 11951
00185 37932 83200 67692 98961 55674 72710 86404 87233 40782
45032 20579 80294 65191 03544 25626 58850 22498 81606 75397
89761 09580 63214 91681 41112 97486 61758 51139 36591 48566
58472 67642 34623 45628 80398 76297 01810 87031 74705 80356
92278 54595 94662 16514 75310 32239 73728 79034 32081 46513

10643/11431/12192 kHz, 04-02, 0910/0920/0930

06320 00057 69228 47618 24286 98020 80523 11007 40083 81784
57843 14186 79593 63086 26544 13358 80175 11181 70230 45147
41911 81491 80608 67742 52179 24149 62883 61957 96163 64143
77621 19128 30095 62762 57173 80542 83602 95661 79753 96216
46427 96983 14790 93965 05144 50433 28378 28433 26730 32763
66556 84972 81550 20017 19633 47741 32797 53809 78615 52513

10643/11431/12192 kHz, 04-02, 1000/1020/1030

01046 00069 81662 31028 73961 69736 04492 55978 03273 16732
44663 24111 81126 37636 71238 40239 91401 57750 03769 91909
40465 21288 12811 76101 59135 33649 30235 96859 34968 85642
20893 49111 85895 00462 08517 10446 87116 22201 05630 75007
80921 44712 34642 04723 87441 41100 50378 77801 75078 59210
38779 06516 23617 21965 25606 36666 59006 63687 12739 48995
40557 71615 39940 32551 95183 08211 47702 53438 46423 23226
23386 63073

10643/11431/12192 kHz, 04-02, 1100/1120/1130

07699 00072 31186 54651 55219 76980 06881 19174 04513 65728
02979 50685 39497 62364 63911 09082 18709 87096 12320 00647
32071 72768 69853 42409 81303 30700 03508 87081 59409 14786
76558 28037 75758 33764 62583 97302 92842 37016 96603 92816
76039 50619 45018 56235 53594 95454 78234 21547 20922 46528
39560 31089 96171 52765 31862 54370 30161 83520 10647 68106
19874 11945 98286 84463 27453 24385 62218 42419 74171 38788
24573 45232 67098 66101 73422

10643/11431/12192 kHz, 04-02, 1210/1220/1230 UTC

09004 00065 46166 31154 80963 28241 76516 38430 26791 31646
26497 98414 36537 81992 46741 13959 02888 12536 53396 60323
11611 58976 68913 18745 66627 03875 08728 96762 32870 74265
83966 55340 29225 61724 40022 37810 61116 70052 32260 30514
57920 72643 77244 08058 50190 28428 31674 92919 44625 60819
50038 55918 98359 50494 88863 13944 29223 31288 42839 50029
55961 71407 15465 05026 47610 59567 02748 61553

12147/10347/9247 kHz, 1100/1120/1140 UTC

12147/10347/9247 kHz, 01-02/04-02, 1100/1120/1140 UTC

00646 00038 09463 00381 96750 78644 41106 06225 08646 00000
28440 50000 97728 38465 84091 02736 32176 92388 42342 31804
72244 77003 73888 37708 47288 76244 81831 41173 90577 73375
23667 70339 99080 88858 02660 00522 66750 57608 11930 77863
74633

12147/10347/9247 kHz, 08-02, 1100/1120/1140 UTC

07820 00001 00000 35261

12147/10347/9247 kHz, 11-02, 1100/1120/1140 UTC

04155 00001 00000 34261

12147/10347/9247 kHz, 15-02/17-02/22-02/25-02, 1100/1120/1140 UTC

00722 00127 18078 48875 30873 01079 96296 88828 84807 43323
30217 76633 28377 17387 83013 67515 07008 15285 21670 67289
42201 99801 34832 45981 31667 71966 42030 15218 87413 84955
86898 70144 01662 95467 79521 59261 35675 25725 96859 39858
07922 10878 08224 78582 76457 06021 56598 27542 81811 86154
52799 83647 46995 54655 02284 52833 76583 09581 34569 42783
26639 05209 36322 50336 48859 07410 43852 66034 57952 22147
53137 80585 57641 24698 98554 03415 62687 04752 74283 67850
24207 08279 56024 94787 92091 31268 84967 60449 83022 07899
60750 55463 45893 28087 20811 27389 34933 92414 55887 21034
19772 44252 97799 98774 33671 67680 94689 24763 34077 32994
27286 42505 27454 28855 45295 72685 98328 09346 28554 88057
95839 82953 50395 96099 39098 19679 67694 37420 05212 56622

11163/13363/14563 kHz, 01-02/06-02, 1200/1220/1240 UTC

02532 00080 88236 36888 56690 06694 68806 88630 66230 36287
82308 48208 83787 36882 83203 58053 88228 85766 68663 70802
88608 75710 00308 44760 60088 58842 06585 84183 78408 35776
84761 86027 60779 36368 38660 30388 88635 68857 33530 69932
25268 85387 77254 68738 50565 03328 78387 00380 83638 33222
37951 08895 67636 19330 09863 17818 57688 30610 02084 55384
14247 88363 77887 16850 11018 60583 88230 38600 68688 65235
18029 23402 33030 38103 00632 88008 65588 53052 22818 88414
63591 23522 06531

11163/13363/14563 kHz, 08-02/13-02, 1200/1220/1240 UTC

03686 00160 71532 70656 11093 91196 85340 80297 31210 47775
47691 33202 61301 09709 51589 33609 27546 74025 20399 76432
98585 70402 08254 59921 31711 40459 76388 46529 51843 49482
81030 43387 38793 95169 19984 15792 34768 62005 97282 28361
07343 48897 67282 89281 27423 98948 69979 50957 30423 42155
52037 54305 58856 84227 65024 68590 72607 77442 95766 08827
15361 92930 51854 29774 79921 88348 83616 01585 82278 68006
18457 33573 33240 91794 27084 09178 78028 38178 85408 01353
34698 34319 85329 16159 09877 16312 72241 72589 18823 31895
66544 94610 79852 21997 96911 55816 49205 20003 68455 54809
31410 66780 12069 22336 54275 43039 16974 04827 67619 67302
80824 94307 92445 41244 72722 36193 45281 74015 74545 37066
79251 38785 79162 10280 10697 57718 47358 88779 09348 20336
97979 94512 81362 16794 43204 32512 70181 56779 89086 83313
62419 84843 95082 78438 69590 30455 36203 86818 15124 72077
04689 12442 95396 18068 60409 12617 29733 64129 58845 05594
56627 49273 60254

11163/13363/14563 kHz, 15-02/20-02, 1200/1220/1240 UTC

00755 00220 58813 97373 44193 78421 16677 52075 36431 91912
06205 08503 76219 96410 00378 89677 59902 31939 84784 50599
08183 57470 38456 59361 33432 93956 20133 18105 49587 42924
90653 01370 33676 37848 86036 44406 43526 42735 01996 21983
56306 98386 15379 29159 74596 14979 24386 51101 48461 65112
56185 76688 24284 42999 58810 68615 28399 53225 08807 18303
07493 68181 64395 95215 33030 63491 83577 24753 71417 59499
63452 39143 57034 62207 95433 99325 28314 23566 32617 00952
49672 16015 66281 03260 31981 90483 10978 86188 41414 56337
65425 67711 63795 91611 73318 71641 38687 10589 17040 22090
83514 20425 66847 06368 65197 47259 97715 29466 73693 23867
47607 59601 05648 16187 54684 99253 01086 29673 68975 19069
76682 35782 14315 01938 76589 99784 62250 27231 52344 63129
20347 01431 06414 70767 40404 50495 12382 87231 51763 52194
58241 56179 06254 56794 30708 32073 22152 93334 07437 79625
43144 72416 55532 31564 59855 32344 17235 82373 18418 55457
65556 76177 89006 45813 48337 78383 73260 71480 87356 12590
29178 50879 83719 48046 92708 22488 32727 81607 27918 10913
31007 35598 99310 59435 64374 47848 87112 74390 19630 24237
75206 92437 46207 58314 27368 58034 52141 15407 68104 06170
50839 70584 56530 21983 80746 64945 84950 22489 20851 75883
93316 06300 82111 46440 83948 59875 27089 54804 60935 26491
68505 33788 55041

11163/13363/14563 kHz, 22-02/27-02, 1200/1220/1240 UTC

00440 00182 15685 63318 33372 68529 08834 58077 87772 77023
30778 57025 28317 87312 28031 29055 22830 86708 11833 80037
43638 66704 70667 86288 06911 56443 28837 08815 48852 33904
81117 00851 36501 72461 82095 34480 07290 82551 63371 23065
24485 60600 33940 86374 02253 35014 25424 67260 09080 31802
47323 25332 63314 35950 82781 87753 12955 96659 73521 39288
18960 93395 44554 67002 67919 88567 06318 91834 16917 06806
35647 58188 40584 20137 96457 82226 96350 88867 30199 81802
93079 08748 18247 25081 64877 21846 14958 12200 13757 55002
46169 21326 90650 18330 33475 40473 13880 08347 17406 52646
24453 58859 63358 48500 75618 72697 41496 68864 36646 78336
86918 18834 33415 59251 85088 47392 30051 32023 95733 28561
44687 62799 45855 75917 04571 95590 36570 93614 03013 39658
01147 77139 51881 08032 49329 44487 88633 31184 33223 84618
31780 62334 06633 72911 82889 18682 15267 46271 89334 73377
08709 69263 26929 04886 71805 18517 33393 19330 68004 28717
95618 69052 78600 86618 79464 11337 38359 90682 03246 71507
09905 79172 15530 14689 45224 13327 06000 35759 37071 66318
75964 57900 44241 80444 06301

12173/10373/9373 kHz, 1600/1620/1640 UTC**12173/10373/9373 kHz, 01-02/03-02, 1600/1620/1640 UTC**

00913 00238 88082 13204 45922 31574 59999 14013 99112 02456
35548 82944 78590 70863 58057 26872 28335 06160 44230 08436
74970 57611 40792 17525 69904 16288 90736 44928 89309 75243
92372 71093 44878 22688 76536 20218 21643 71667 50308 14700
35743 40051 16074 57008 66562 25278 56089 20655 92896 91352
56683 97295 83777 05197 45815 57990 12713 76754 30897 71568
55753 63008 14111 44523 29415 66192 51778 36393 05222 83632
57159 64345 94364 27844 64763 40267 91827 37885 59243 02493
28027 16510 19564 13966 52884 78512 32401 68339 13347 88478
36687 91223 17827 57630 52597 35775 63451 86362 06431 19630
00803 87014 20821 47275 41388 62565 76010 38886 39539 42598
90376 72731 97865 43994 14875 67524 62894 68304 82537 50581
09751 35746 81593 85878 19296 01037 63168 57251 68315 91378
74005 21175 25429 97089 24894 03033 93751 66970 39855 65558
90741 75308 88563 22692 07426 97173 74848 85389 38560 63828
20502 44120 38447 90579 72875 12991 89531 50510 52463 60681
15784 85904 49264 09442 76723 23751 46921 81236 83149 32468
49763 49016 72183 40753 68823 45495 32331 05373 83746 25506
72442 50999 00438 75299 26787 76678 51852 15110 68717 99321
60929 56272 59658 92302 58097 77373 77212 45889 88995 48346
55946 33277 11475 48184 06346 79367 96678 39739 39304 28404
84012 39195 35224 36847 81130 80527 52230 71545 53096 13830
38506 06355 61021 73659 18842 29542 09639 68869 50591 34579
24683 64863 52182 14384 11422 11280 07112 05101 54121 28797
53575

12173/10373/9373 kHz, 08-02, 1600/1620/1640 UTC

02500 00001 00000 33652

12173/10373/9373 kHz, 10-02, 1600/1620/1640 UTC

04801 00001 00000 35654

12173/10373/9373 kHz, 15-02/17-02, 1600/1620/1640 UTC

00283 00204 29840 61089 90814 14245 98577 95918 56165 04076
43515 27592 35367 03440 82453 67508 16931 67797 03612 92416
28265 43156 51109 02724 07178 62827 53479 93711 02813 75627
86809 91182 69125 09871 22462 56583 86040 16092 62553 10442
92681 88986 65650 22842 65870 84509 29592 73865 60406 77020
45710 19030 96304 36663 38651 19441 80562 95770 45768 18121
68212 39595 01990 73373 62047 45002 88172 39301 42708 24430
86305 53303 38075 29099 38610 09053 99549 85187 59806 52861
54852 34918 73422 25491 26020 08077 16597 48726 70265 73458
92582 07980 68215 93320 87892 78116 52182 05393 64091 14626
49710 03775 46505 76997 86056 56718 74142 45777 12505 83960
16029 92895 52930 87196 13363 39365 84750 96094 01795 58506
94825 39988 46076 48426 39534 60640 72980 07644 19640 02763
22153 58759 22395 83684 07876 29583 07716 48792 44902 60034
90628 56766 62907 27984 75495 94778 65740 33634 82591 14768
22820 73298 75026 96455 47329 56491 79051 96080 05127 21940
89241 20413 98343 76981 16438 46956 10766 10635 24738 09574
90474 22803 00470 37867 38590 22658 66325 95128 67982 30133
14605 43387 77600 09675 23721 21262 04918 18923 10445 06952
34889 14364 97116 46964 43038 51357 38244 90965 41098 40964
28418 43628 74208 17743 88347 06181 41333

12173/10373/9373 kHz, 22-02, 1600/1620/1640 UTC

05807 00001 00000 40655

12173/10373/9373 kHz, 24m42-02, 1600/1620/1640 UTC

09502 00001 00000 34661

13387/13887/14787 kHz, 0800/0820/0840 UTC

13387/13887/14787 kHz, 02-02/07-02, 0800/0820/0840 UTC

00734 00162 88183 68392 18356 66400 70246 52648 67036 90634
73521 69943 63197 21378 90866 62443 52040 65196 38877 96551
74131 75533 58435 16058 91556 14785 69836 32592 51163 04664
95101 17239 28564 54827 71314 74200 72909 75284 31282 25497
21474 23347 85210 87294 23466 41355 94513 66517 67421 17474
00603 67386 71755 94637 13452 95852 16427 98742 60124 75730
82674 48619 21766 20258 74788 36652 68806 85755 53667 76781
17354 04114 32034 50502 51768 86004 16378 04611 72666 29678
33097 05008 91888 61344 26458 35437 21809 24704 51835 90445
21817 67018 67216 28509 82087 59282 20251 22899 74620 67792
26320 19110 26590 94235 75741 86314 56686 49087 00137 89913
51407 79550 69786 77811 79983 59613 59439 08105 83081 92871
51176 54398 37957 11535 86775 33713 13529 78406 45563 24964
79019 86967 37808 50096 40966 61510 13676 34003 87926 98669
12978 36946 04412 94484 84229 06677 20745 65491 45872 80708
17760 29620 87812 82745 45063 93750 73834 89404 25398 70608
61939 06594 14380 43940 23141

13387/13887/14787 kHz, 14-02/16-02/21-02/23-02, 0800/0820/0840 UTC

07334 00184 13279 10187 59961 75085 26478 82959 78230 47920
84318 73343 56932 07734 46446 82472 11221 84836 77957 00500
17748 53193 13279 08354 09050 71576 93615 86782 54476 80075
53977 31180 51558 54474 28673 38711 93058 94345 09726 26085
92977 08503 07443 64500 00196 27928 32423 65942 45324 64376
91793 16695 24789 03366 00214 88900 70004 07990 35840 32048
59990 86566 40342 47199 53390 72799 27478 86154 74029 19563
88049 52342 45687 55945 95505 91981 25741 24262 94632 68831
64937 64722 18272 63855 64216 63425 85909 42268 18602 78845
44191 70668 10715 63522 16491 11783 18381 13839 09929 42425
67481 91768 37088 04196 48331 11495 71642 15260 52331 82621
30022 05327 83567 96692 07076 32574 67407 52033 70338 16285

71501 81580 26347 97844 28400 12175 33531 12612 06004 34026
38265 68421 01623 71278 06304 57186 51535 10566 52136 41140
11532 14766 05903 03332 14801 18595 44281 66197 60221 85223
03112 08699 83975 58851 49502 44955 94890 71172 57830 43893
86074 93327 98377 20353 49880 67425 10035 89524 84517 88295
87628 46918 53563 11022 47651 48137 38197 26938 07754 55414
39495 95594 30348 83077 43338 22215 77222

13387/13887/14787 kHz, 28-02, 0800/0820/0840 UTC

00663 00106 70661 00627 51746 12378 61362 62005 39886 23208
11538 84850 87690 32309 30089 39762 67403 25204 83773 90974
00787 93937 94977 12472 52986 97307 57461 56459 78689 60052
78787 67335 06703 84884 45992 84504 19561 54848 54654 99981
55130 64755 54202 18654 24804 26678 51146 48943 01567 59935
78868 91620 10517 32957 92999 18388 49768 28169 39945 17779
86537 44129 98575 53470 14965 27444 25887 10205 71074 88400
34017 64377 83838 14348 12938 27872 76610 82099 46793 27596
45372 33544 00356 06999 32395 34570 61143 51227 48071 82169
59255 07175 31975 29058 31437 23273 83598 90691 20148 38058
66503 71956 10586 89143 24352 50615 42359 74989 50315

16102/14951/13991 kHz, 0910/0930/0950 UTC

16102/14951/13991 kHz, 02-02/07-02/09-02, 0910/0930/0950 UTC

05957 00199 50535 04025 35594 89390 31103 12264 47351 85389
66030 03740 34093 02434 34388 64070 46389 61039 71530 22451
98419 45895 84605 52768 04476 30085 47823 28242 81130 78779
53204 71216 32261 68707 59757 57931 52361 12950 30610 11425
91029 52887 55113 97351 55887 46411 56454 19645 73753 69045
89332 15971 49943 38675 10809 51051 36321 31575 02249 97112
63722 22795 40489 48174 18629 32146 33747 30739 06652 37477
45673 32831 19437 22714 44248 02786 33778 76028 00547 44034
51193 95035 74975 77371 60913 95000 45431 81528 76673 12559
62903 56215 80337 58912 06663 96561 89055 40048 66490 50689
01452 49646 19279 95912 14351 80187 61431 77592 85451 93305
71707 15143 05159 64243 42002 92656 99240 05014 62381 33513
45804 29900 29938 28782 49586 00048 44270 26660 44987 97557
95433 82699 27900 79806 85390 91038 32103 74018 14214 67429
54385 44245 87101 05742 81824 10607 70114 43856 28900 83416
69238 62729 63973 17868 89737 29845 28499 42272 68749 33568
41553 59954 55016 28411 40520 74528 85099 84716 13699 16518
91029 41967 70552 91732 68288 34418 94350 88887 91514 82196
42256 83485 72270 74923 35233 10611 30642 13267 41223 72883
67922 71010 84787 20912 50237 71679 45565 75983 10976 74162
15455 32467

16102/14951/13991 kHz, 14-02, 0910/0930/0950 UTC

03718 00001 00000 40654

16102/14951/13991 kHz, 16-02, 0910/0930/0950 UTC

03939 00001 00000 42256

16102/14951/13991 kHz, 21-02/23-02/27-02, 0910/0930/0950 UTC

00559 00063 62615 39492 33104 15647 00953 00289 05010 88138
75191 59770 49514 80276 39515 71848 31226 11730 99745 01045
87799 53771 60124 78955 99254 19741 37287 42898 59277 52259
04341 07713 55681 48769 09184 70084 87105 75568 49381 89406
93771 68111 02882 92961 34645 47511 19982 57983 94079 04647
92605 76611 46355 01316 08449 56122 91904 21401 80897 01459
38000 66865 81007 23205 68122 66541

13967/13367/11567 kHz, 1100/1120/1140 UTC

13967/13367/11567 kHz, 02-02/03-02/09-02/10-02, 1100/1120/1140 UTC

03447 00164 06372 99516 88846 27797 95885 98425 63207 56580
49658 68697 32422 66079 26247 65550 45416 90815 73663 77998
40363 82297 22014 39020 52609 55260 79630 56051 07038 47778
09420 77313 77222 71225 72083 08922 27945 98998 93972 41162
32752 32516 38597 72378 60060 81274 84967 21896 44587 28036
67192 12238 67027 60896 72826 33893 54004 10138 14526 15879
14771 58179 65797 80198 57485 51030 77199 93513 60452 05199
82221 01727 28513 63020 78783 38863 10324 17174 86795 62958
38386 57851 54462 62768 20973 91097 95960 16372 12154 06890
24126 74709 15894 70885 01254 81434 36491 50334 33715 11342
55281 59588 58849 37998 96551 59098 65261 47091 04423 78350
14424 74175 20931 16129 10245 16627 02088 12306 64408 47997
49784 14502 54201 82323 97034 66293 31007 30694 05937 06438
16271 33283 22624 64472 85696 33309 43841 05466 06685 15153
52508 86185 33873 67839 61781 81311 68297 19080 13785 20170
78349 95713 12814 97408 03587 00179 43683 68667 81592 08036
02469 08380 40739 68873 07440 95317 03133

13967/13367/11567 kHz, 16-02/17-02, 1100/1120/1140 UTC

06290 00089 31338 07720 11147 04549 02612 39655 08453 22978
29438 67104 86491 37555 38063 02839 23636 57682 61032 17828
64424 16160 34195 85551 87520 34674 20611 27116 52308 91422
24111 78457 54455 24942 13811 11629 34355 67057 45311 70630
87832 29205 19312 60194 85878 12366 37581 40240 98058 25630
78883 86596 86134 47665 28992 25006 04008 35769 80231 92485
00456 09152 10499 29496 51185 19805 41368 32414 13996 66407
02421 12057 53782 98294 03309 43805 85458 00757 95169 71399
38507 44540 95225 40837 99333 36030 27162 19123 19404 93105
18342 13601

13967/13367/11567 kHz, 23-02/24-02, 1100/1120/1140 UTC

00669 00114 39340 76495 61322 05287 47144 84307 58886 31194
88006 88106 34953 34991 58133 28219 65193 64915 18224 22562
71395 58765 65291 57640 06899 52757 74837 94669 29351 27064
16843 41351 45947 27946 71756 07187 54540 84756 99209 26683
57398 48558 29994 86727 77518 16234 69816 59631 89735 35596
99196 51766 73575 16712 43792 99034 04949 76112 98542 15182
71259 93162 49280 59367 36153 26466 34820 44905 96664 37176
70684 39554 05562 20956 26736 55487 28824 53572 24383 92581
16309 37479 82085 53600 35339 51914 45815 69619 41770 11247
14425 23454 22245 87559 23647 30948 25725 75911 54613 14476
65354 49571 58911 91824 13679 82621 40133 32506 78928 92223
81951 07189 44818 14678 94822 93702 65363

11575/13375/13975 kHz, 1200/1220/1240 UTC

11575/13375/13975 kHz, 02-02/04-02, 1200/1220/1240 UTC

00594 00124 11014 63826 56522 08182 36496 86228 58218 88719
64715 59224 44656 40455 30620 49728 66404 98109 90802 38195
25841 05300 92414 74696 25978 00882 33896 67878 15631 24850
81638 57467 35676 25821 21247 09532 68070 24858 55874 49928
88740 56517 15302 90716 95428 22005 90926 07059 46370 28100
65054 59025 45920 36695 88499 38925 55865 40921 90899 89542
32340 59070 05453 15825 92441 45411 82043 95641 68174 35038
21575 83725 66972 54720 82895 54281 59145 71861 96110 66585
43095 49455 54331 63654 50348 02383 15739 44074 33179 26292
36373 37760 97028 63635 37725 29530 14422 79498 45681 59408
98324 22672 51451 36800 75389 72282 84461 96167 32420 38613
61643 34936 60704 05270 57111 10251 70213 24659 76303 86362
68127 87622 60991 83257 30428 10174 75177

11575/13375/13975 kHz, 09-0/11-022, 1200/1220/1240 UTC

08435 00206 54209 68397 54440 72120 07911 49946 34356 81350
47358 76472 31366 79671 58690 44482 30690 62113 18442 34081
27355 16966 86314 72373 38243 57601 57825 11061 10640 35139
84370 03169 43996 16274 99099 49253 49317 69342 53363 62777
75819 43366 67122 73175 32217 59096 51025 40164 09628 58133
68039 39359 40834 56314 99289 60373 59189 89821 41904 12524
58139 68891 58494 85084 07119 34059 88492 21862 77394 26714
69943 35166 69567 95237 81091 16862 71490 20318 48468 56060
09200 11604 77329 29367 52313 31596 33957 31479 98188 92790
80021 21999 36929 16823 24652 91591 95508 82829 16301 15067
73531 34790 36945 06358 97444 06231 97214 47224 65897 10993
06983 01835 96056 03485 06121 04046 89317 08651 10327 34426
38124 58241 41651 89277 31025 41973 15649 92838 31531 35774
83622 57109 35822 10735 74981 24909 64102 65960 86072 07037
09628 41500 00279 22077 54258 11024 83612 18522 40830 42006
18404 08489 43768 87679 50541 00233 79915 19251 78749 86279
33568 20081 57161 07050 53763 03952 68692 04242 08078 20165
00679 95517 30957 61207 04763 54505 53089 46665 84684 82365
02766 67026 37639 10572 42891 24745 15836 07746 83122 37935
71120 65584 63010 00193 06037 61263 12272 37642 51781 95997
55102 89985 83634 08873 53581 48151 40537 56303 13573

11575/13375/13975 kHz, 16-02/18-02, 1200/1220/1240 UTC

06167 00220 94550 86369 10193 37034 17036 31091 03247 71046
10055 76851 58825 26528 66711 31923 92443 56027 11696 92892
59023 53895 29415 48149 85892 44365 05139 31200 31704 58130
08544 59064 78688 98116 68243 85156 67052 65943 53428 76604
15364 73550 01094 18881 55984 69241 01370 24717 61906 47648
53671 16501 38980 93584 51710 28619 01403 01276 68568 17175
87447 37013 12627 39299 33352 70593 61504 14254 90547 08418
20678 96910 35988 25925 80922 38506 55500 78730 11194 76250
34049 65244 63793 90158 59150 82186 27703 42007 98618 25684
86061 99095 26035 34887 05292 62917 66901 13844 90454 85126
44525 01427 86738 08218 68303 86902 87804 92583 18576 36261
52618 52109 28897 55598 66377 89255 30768 28948 88930 79900
85195 95462 23580 58313 23845 07909 46122 70002 54407 17764
47301 29127 91096 20993 77578 03208 47914 47779 07570 70717
94661 11123 02879 18744 61629 19751 90318 93212 54962 28574
29880 43688 94746 61145 91857 31476 29658 38062 15912 44915
46273 42220 61199 17166 58043 59589 03991 33312 68177 90277
83421 80468 78895 06001 64015 37006 15901 79258 44165 33906
17789 71028 36586 19478 49219 63538 31824 75313 37022 09033
63915 96614 77573 90975 65607 48026 40896 36261 58156 93815
64047 68914 41960 73630 86842 03574 30305 37594 08566 20619
67347 70321 76378 42163 79304 79608 15519 90200 46345 03106
58196 31712 23054

11575/13375/13975 kHz, 23-02/25-02, 1200/1220/1240 UTC

00732 00088 91748 80822 43691 81723 19756 88785 01849 66034
77979 94088 39706 03290 37136 09276 52093 97601 00023 07713
52178 17161 31086 92352 45335 02200 95345 03184 40203 81865
26000 65006 53060 96444 96788 51474 83611 11200 60400 88267
85613 58988 58838 62241 10914 73579 94685 37897 51265 40238
70247 58298 92398 31561 12671 18529 18780 23773 37438 31889
00685 30540 78594 66015 70553 96057 11582 49818 10060 00698
25787 55786 19163 40501 80140 17246 12688 76507 71205 09887
30642 29482 40146 17322 18839 10200 21329 59461 41826 20750
37770

16146/15846/14446 kHz, 0910/0920/0950 UTC

16146/15846/14446 kHz, 03-02/05-02, 0910/0920/0950 UTC

00477 00038 31587 33879 80443 06726 30908 14257 87127 02028
89014 65793 11372 80181 35928 05456 49538 46004 28300 92206
53832 05182 38737 07250 11202 13947 84545 84758 96843 82689
37035 13165 20143 13096 63658 61096 22253 59977 60978 17568
21137

16146/15846/14446 kHz, 10-02/12-02/17-02/19-02, 0910/0920/0950 UTC

00746 00199 11671 65705 74924 66459 22316 55386 78308 69301
25278 55151 59751 23896 07928 22137 42394 42062 96693 60213
87132 07394 55332 65769 04679 83794 45382 46926 68616 23506
83025 36922 58514 97578 37449 47557 52393 30330 91266 89721
36383 44119 84836 76898 05131 91240 97391 38036 54044 29768
35916 94628 02710 49275 69840 33434 83019 92032 48436 63452
92403 32697 88583 91355 80497 17580 60993 37999 86083 52101
19454 72953 98963 48449 50099 89932 58724 14142 00934 91266
97211 40906 24206 50885 19114 20745 86966 73862 77108 11688
71678 10309 47466 05943 56340 94797 31480 47192 14079 92053
24126 32634 56673 96751 28401 45446 01259 25821 78100 73210
31205 14549 68839 37405 47678 62129 06411 23775 21870 42000
18723 08855 43952 98388 56753 49170 94785 75114 79942 81637
17944 98184 65469 62452 82224 94404 43324 10411 14051 77298
57351 59898 84027 40751 90891 00225 50439 61523 62529 40135
36947 14268 13254 82110 94646 08012 27832 91937 36038 32710
79231 88268 57693 28683 09066 30476 30794 14894 20174 74172
28022 49040 87991 02896 72395 98007 47038 77887 30647 53306
95738 10002 17950 42235 16844 76598 75508 75992 33044 68481
25076 77872 15012 11215 49385 94561 49501 12237 31928 55820
15656 51164

16146/15846/14446 kHz, 24-02, 0910/0920/0950 UTC

04486 00001 00000 36264

16146/15846/14446 kHz, 26-02, 0910/0920/0950 UTC

07359 00001 00000 37264

11461/10261/9161 kHz, 1600/1620/1640 UTC

11461/10261/9161 kHz, 05-02, 1600/1620/1640 UTC

00737 00216 14401 80354 26436 96194 07175 38816 96332 11775
37699 84063 81348 62263 04501 70583 96563 15827 49402 45872
56692 94651 98316 81982 02971 29419 15732 52485 53068 33083
45682 73914 58903 39334 66993 97712 70378 95926 81300 12375
61244 38393 56938 14127 35761 96728 29936 21321 65736 91121
27392 25925 93162 77994 14992 14344 76228 63069 89080 66112
49381 08714 21906 65457 37685 19828 20509 96407 24792 47208
94445 83923 54317 51539 40579 49096 61385 76840 39302 93121
65523 02163 16577 52502 77320 37185 62955 14918 39443 56257
74137 96500 16006 05015 62536 45618 41704 65076 40870 59104
41828 54423 99391 46138 07483 36425 68075 26086 39423 44994
22257 70220 70198 77766 98084 26852 06394 59839 27052 31111
50737 31561 18549 01399 31536 60114 82729 51012 33232 70059
56045 67268 60911 66875 49687 34820 81910 08840 72343 70954
440600 1846 37215 71617 68641 63934 00741 88705 32000 61112
09660 65987 59208 36127 57152 83777 49205 16378 85529 31927
45987 22907 50776 01392 49162 36650 52175 62641 40883 46966
64871 60407 40271 02426 94751 92585 83989 87415 38458 16114
97082 41044 64624 17667 80241 43318 68018 90502 51295 49537
66615 29287 76950 26404 86880 60940 00626 32908 23611 06361
04029 80603 80862 07556 04584 04582 99305 72626 86492 10926
88133 15565 00514 82858 94908 82751 48635 08448 26132

11461/10261/9161 kHz, 07-02, 1600/1620/1640 UTC

01347 00001 00000 36255

11461/10261/9161 kHz, 12-02, 1600/1620/1640 UTC

02935 00001 00000 40255

11461/10261/9161 kHz, 14-02/19-02, 1600/1620/1640 UTC

00303 00233 45623 50575 80008 20333 60005 09626 88365 85110
83605 30088 80388 33883 99238 31105 06053 38360 32827 56368
30838 88575 27769 55868 70338 63785 25997 31823 36800 88060
58882 09468 33580 81776 50070 35135 87703 03333 04835 68083
06088 02439 33180 56023 62682 14627 58800 85828 91772 43685
50628 86065 52768 27632 87645 03605 00879 27250 08530 30405
74500 88583 03353 38586 03660 94408 60302 82223 03346 22335
80883 78880 40618 70883 88357 60850 26335 02060 06059 80822
78000 02030 06163 60330 36611 02466 78888 50061 66083 33258
81866 03633 48025 01683 37681 88410 86802 13836 33802 83338
26511 63386 42320 68501 30500 63035 82355 25827 03053 80033
20603 72286 26083 68003 25773 22638 83606 25808 83033 86328
28203 86555 30300 32640 18882 72160 82006 03586 82332 70852
50630 05155 48220 86070 31687 08585 63068 80636 58072 25333
30808 58788 90764 08719 46636 06784 28077 60530 63828 38673
76230 06568 49085 27816 03255 80028 63000 52518 30732 38170
04622 05680 63636 38058 38283 83805 08083 35050 28335 80885
36686 33381 68382 03010 31055 80668 05382 70482 38606 50836
08886 03856 30888 02326 03608 30033 36328 52325 53607 83328
56653 83858 08036 85636 05863 66860 68663 77813 08066 82475
32306 03233 20266 33830 58383 45660 03841 88360 87860 54680
03637 88208 35566 33736 20383 68535 45006 03385 64807 86365
43300 64060 88930 38386 83086 20637 88013 82408 57886 00358
66673 80256 08383 08300 43587 43601 36632

11461/10261/9161 kHz, 21-02, 1600/1620/1640 UTC

07689 00001 00000 40667

11461/10261/9161 kHz, 26-02, 1600/1620/1640 UTC

04624 00001 00000 36256

11461/10261/9161 kHz, 28-02, 1600/1620/1640 UTC

00416 00318 38040 35433 54334 86114 02314 14412 26138 25137
12156 39776 78360 27207 02666 91769 18440 77750 17705 66974
43875 36707 54383 90349 26552 49293 29863 54691 05281 71953
62517 40588 55467 46684 34733 33059 56567 02700 23207 61573
78019 51765 86153 45626 79686 18075 97657 17865 31784 21785
11609 28019 49722 30218 58763 95710 88222 02712 09305 83490
08668 94795 92019 16848 47907 73910 83217 16609 93332 57291
65387 85518 33687 21360 87031 98584 38844 88234 23964 30887
99990 08748 44796 52934 64408 28666 49878 47385 68480 64280
72871 05866 45360 11195 30234 79897 82959 50952 36763 86704
90635 31360 69140 86801 54279 13168 19341 19065 40602 34886
06363 66308 39531 15989 25170 01995 75010 71924 41875 05765
78884 69261 02760 58025 36309 00461 99500 43206 48540 08419
75548 72519 52550 29113 55355 05670 72106 82772 11498 46293
88190 38185 75574 97780 91457 14359 30040 80716 87702 89240
88800 79143 06832 67060 69639 49082 78711 44171 97434 61091
58426 22439 65029 79105 18824 22327 68470 30866 10203 40893
96755 81386 60685 91119 87050 82708 07510 73019 21479 35261
32108 28389 73209 67261 10799 37577 40650 92900 68476 95912
45515 24483 41640 10487 94117 69541 44957 82576 01395 02223
67273 27374 47349 05108 05314 35170 85827 83390 72532 78779
55560 81765 62175 30161 95082 81995 61851 19077 71431 25603
76851 12091 35326 94724 85636 20534 33710 16164 60883 18764

50540 88622 06103 27180 45301 33706 64115 63624 00736 13424
99920 34842 18318 47759 96136 82024 55896 53961 42436 12478
37529 84266 47187 62843 74613 67778 06379 54215 21247 99378
85533 86845 06736 09764 43097 26942 81573 10153 68768 03871
23948 64834 26907 62929 49147 66206 60714 92219 87272 95581
11668 90491 55501 81925 72038 57438 64183 76049 28154 18998
69948 19291 21908 13656 03658 58022 38293 08122 53885 53610
16960 77987 79794 49314 82120 50763 16361 67731 72733 77359
74654 87903 51692 91668 71584 24540 57434 83011 52842 91191
46654

9283/10643/11431 kHz, various times

9283/10643/11431 kHz, 07-02/13-02, 0830/0840/0850 UTC

01503 00051 38153 67372 78287 45991 16734 54375 20964 70912
45923 15100 90268 61808 13620 68540 35867 67503 03375 18387
62831 09726 29796 32691 96778 89868 84764 06456 79230 05311
81467 94152 10037 82055 68124 93477 26740 60094 55925 68951
75855 00127 60379 53621 72119 18877 13850 77199 68817 42230
32644 53663 22446 76416

9283/10643/11431 kHz, 07-02, 1030/1040/1050 UTC

06126 00067 56901 72225 94534 98578 42463 68063 07895 75795
87214 19589 42701 22275 92585 25587 41519 79322 62269 89882
52235 61451 54605 26504 28048 79987 37661 11263 55706 25117
14740 62558 72588 87094 04978 61086 17715 89155 86675 30917
44276 74053 51697 94320 95535 47215 61911 65048 39610 70706
86617 99922 92807 32570 33946 09337 40146 04731 76828 00546
44992 47257 95648 91336 85253 75655 93963 90212 32252 61513

9283/10643/11431 kHz, 07-02, 1230/1240/1250 UTC

02437 00074 81711 60279 52355 91460 21190 35641 24242 66828
06405 37675 04995 69817 04756 10928 32189 57147 59991 84286
68757 68833 28382 82109 98341 15848 67062 54612 68704 75062
53286 84335 10457 58766 35072 10394 54122 24194 10250 63229
98309 03455 70390 68234 06725 22476 78005 71132 99636 07353
71888 20146 78798 80342 57915 00455 59939 50122 79664 12658
93828 92738 26580 78402 88124 50263 83875 11659 22839 14767
27629 12682 80099 97838 61900 59723 05071

9283/10643/11431 kHz, 07-02, 1330/1340/1350 UTC

02343 00054 42248 67655 09413 87210 98660 11151 92071 08168
46841 11603 00401 66636 56035 79702 96535 39259 94011 98955
42793 85483 14674 34157 64136 15826 99158 79507 84317 58377
46478 91331 26214 23097 48179 20060 22141 24378 55284 11265
27493 65686 80729 04702 89301 85238 08308 58215 67519 58994
63247 24384 03395 07633 22645 03206 40262

9283/10643/11431 kHz, 08-02, 0830/0840/0850 UTC

05753 00065 78846 72442 96359 80524 27736 30503 27122 11013
72000 72878 69183 01572 66310 15137 79386 97639 12726 25281
05386 18898 11501 76213 34280 49147 52216 16525 18747 06719
62157 63471 27423 98330 01051 57710 81941 21630 72703 43418
12319 52532 96373 07910 82932 83027 12638 58855 05211 19962
63310 92080 11260 60988 29459 29811 84400 88429 27944 82505
09070 79817 94971 77262 75796 49910 03760 40514

9283/10643/11431 kHz, 08-02, 0900/0910/0920 UTC

08993 00051 13863 16934 27421 20947 23180 19628 48934 19440
60686 92961 52207 81962 19740 48180 25440 17220 80003 25856
99818 63182 10058 07895 09754 09618 80621 27354 86309 79523
47895 92277 77903 04835 33257 45666 14383 11671 04677 16378
31170 05210 45606 23062 87115 97486 71973 02683 69467 47514
76759 50911 30352 63370

9283/10643/11431 kHz, 08-02, 0930/0940/0950 UTC

08614 00064 22114 61241 99180 79413 15622 65008 67056 66394
10419 56062 23662 67877 00064 28612 04461 00336 04595 30429
95523 28777 78831 78051 62616 64001 14422 30238 12759 06277
40902 70357 77665 25508 66669 45025 02336 15305 36651 35556
50280 83308 00187 53394 71444 08145 95050 99528 82214 34785
00068 34730 92859 69687 57015 58491 61284 74466 52229 63728
38800 30903 49723 89901 15911 34829 41224

9283/10643/11431 kHz, 08-02, 1000/1010/1020 UTC

02712 00055 02096 39969 76920 33413 48612 72160 15794 89418
71422 66983 50807 16969 17357 18081 49236 34495 02225 17722
20716 97950 76169 57443 72919 94095 41759 32176 64897 31639
33395 91517 46995 68576 36777 33946 78791 18809 16902 94931
45976 75512 61159 59974 70574 76757 83621 29934 53683 04306
94283 49138 11033 35846 59639 43743 22687 21543

9283/10643/11431 kHz, 08-02, 1130/1140/1150 UTC

05049 00063 05103 88535 47591 30299 11698 45197 88075 84546
30122 45089 84563 98119 27567 56732 84836 09464 94208 43446
03453 65557 77760 45103 94469 84572 12262 50309 54897 16694
82317 59854 19725 54135 42107 45497 17524 98186 52757 56641
65230 50232 05873 43475 63270 25521 88071 64228 85865 03023
22885 32538 05014 14166 91297 05619 85399 50127 48838 35613
51354 09914 86439 51118 13982 01526

9283/10643/11431 kHz, 08-02, 1200/1210/1220 UTC

07207 00070 32957 62013 84455 98224 22060 32950 25228 60052
05845 33061 88514 01243 33501 31268 88794 73617 02232 39177
47628 70821 10372 01577 75162 10188 30594 11406 74396 08501
13300 96997 78048 15431 87519 21102 24066 96484 41539 84814
54282 48207 75974 27378 51587 61111 83957 82132 03317 82786
00029 48316 27099 45405 06057 17419 44350 72652 08070 32322
27725 40548 63221 83581 28875 15344 83286 66096 76276 66851
97500 49074 35735

9283/10643/11431 kHz, 08-02, 1230/1240/1250 UTC

03801 00064 63802 39687 07829 21489 42617 89786 64163 98048
53229 16355 19700 37724 32810 66180 41004 10415 26125 76060
20704 24013 54441 08768 22561 70562 95487 43051 60280 71714
99488 94087 19394 00676 78141 10763 63423 90608 92289 76340
74947 18066 87440 84155 93687 36244 57366 13942 00940 18771
25790 48173 45521 04888 44734 93285 68521 90462 32217 54729
70987 78440 05316 60201 00255 22559 65272

9283/10643/11431 kHz, 08-02, 1300/1310/1320 UTC

02662 00055 89498 56298 71234 47381 82485 09145 50847 48805
66170 61004 80142 54638 54832 72759 68334 21778 89107 59412
91529 27743 33418 97890 47949 62867 88639 43141 43234 54027
80517 22023 09175 56013 55375 05503 11589 72556 23811 52478
83882 27757 76981 84278 21551 27250 70715 72767 05989 53992
10795 78379 44159 79833 66508 71656 87339 26065

9283/10643/11431 kHz, 08-02, 1330/1340/1350 UTC

02949 00056 77318 17806 63289 11917 58817 67515 61664 60977
12995 10270 61017 88132 41649 57643 12145 29865 54719 50485
78553 06500 44849 49664 99576 93443 52795 26515 54861 16325
54845 73793 61064 16897 83509 50964 30298 14337 88678 33210
57457 18740 64140 69183 62518 97715 18859 56616 26830 46272
42474 22267 40698 86644 03921 94204 34091 83016 01306

9283/10643/11431 kHz, 09-02, 0730/0740/0750 UTC

02336 00054 11403 19803 33368 33658 80200 85880 83083 83441
12433 60392 33972 18494 58015 83530 08238 66874 82067 33350
08306 02273 25880 30686 58655 38330 48008 03066 33030 31052
38385 02852 38868 35688 08832 28332 06807 65058 83632 53358
63250 38062 28632 68881 63088 63306 83833 53383 63336 08326
64430 32265 83083 80086 06865 30838 37666

9283/10643/11431 kHz, 09-02, 0830/0840/0850 UTC

06428 00073 36519 65349 27696 11549 08744 57130 83936 05079
81697 89515 85147 48164 94931 87235 60851 81866 52981 31552
13430 42289 07269 87629 20508 74128 62604 26447 68975 80383
54269 08343 90092 80126 12253 31740 60382 19003 42017 58057
78112 32636 90936 87260 90082 81087 50273 79169 92644 33759
85347 78393 12861 88298 96671 63649 54589 97796 96237 63025
50760 29531 31807 76071 10238 23204 33393 47886 01482 77250
93313 57377 86598 08962 97101 71125

9283/10643/11431 kHz, 09-02, 0910/0920/0930 UTC

02988 00056 22541 03309 02560 19641 57289 38955 27364 13251
87079 38541 17176 59747 14746 39828 77033 77595 53444 55609
16770 40615 49363 46838 74791 79201 82836 19229 71341 69819
86211 68862 47507 20092 53641 60375 80102 29719 20604 05378
59984 59804 65004 35574 23890 46690 16690 81367 21773 69650
59626 20089 83893 99105 21992 05153 40084 10328 4134

9283/10643/11431 kHz, 09-02, 0930/0940/0950 UTC

07581 00066 02473 64821 91344 40944 64009 67012 10518 12070
99485 51218 15808 61487 93690 96263 19145 79153 55830 51321
97201 53485 98676 24451 69941 34385 73944 37120 44304 69168
07715 08788 09628 58133 43257 26805 43704 95893 49240 48018
77734 75243 40733 62688 00298 50852 35717 75356 43469 41803
12238 75858 77719 83666 18023 65503 31710 03329 17869 76260
15242 32092 19815 59509 59374 30326 93991 79297 00346

9283/10643/11431 kHz, 09-02, 1000/1010/1020 UTC

05292 00053 38001 16764 12223 00177 37860 99507 84260 61638
10931 17531 75887 60401 10786 79526 93886 38448 24280 25493
67617 02064 21272 37013 85919 78884 14680 17615 07805 11466
55255 08429 24122 74470 50953 07868 63219 52129 33413 66578
66750 46615 29843 81036 53177 25726 42071 96604 95977 35085
55102 24088 88450 08023 24987 47423

9283/10643/11431 kHz, 09-02, 1030/1040/1050 UTC

05371 00053 05988 55484 06306 00519 40912 07325 99135 55473
12504 09576 03677 06757 82235 05940 55777 15872 01564 53365
97995 90143 40071 45895 57026 66589 71291 75828 13448 01840
05419 27628 34246 27063 86514 12546 57189 27198 09644 60985
30211 49367 91263 53453 55073 90167 13782 45975 23529 86008
26340 89471 38676 63438 03601 53450

9283/10643/11431 kHz, 09-02, 1100/1110/1120 UTC

06560 00073 59848 08518 86720 16965 98455 02531 65759 73180
18078 20480 46598 64297 83292 29233 75154 18673 07636 90772
20212 75055 28142 95946 78557 06933 21400 62237 58010 16107
30314 45632 06623 13045 65670 97355 35869 18366 16617 91889
86740 73505 71188 57021 20384 09590 78567 77452 82209 94722
20566 72900 77607 86511 73503 97295 52378 62999 48454 06230
39514 85527 99045 54811 56626 99063 35982 57230 17629 48908
67115 63344 94894 49129 82509 52156

9283/10643/11431 kHz, 10-02, 0800/0810/0820 UTC

07306 00071 18699 73046 25672 01116 92443 07429 87175 96561
62475 29531 12017 83169 09757 54913 46499 78791 01018 67096
55971 74990 70496 47010 06148 88660 74958 97772 39893 07044
96885 93483 87282 30817 69387 18218 07221 15098 53943 56979
99867 93014 11202 05070 80932 30841 58519 19541 85947 40823
05261 80544 95599 25100 19651 31457 21511 96800 13102 39955
89721 19747 75061 79489 56008 87528 42899 33309 99433 52595
45059 18732 33463 42215

9283/10643/11431 kHz, 10-02, 0830/0840/0850 UTC

06569 00068 70628 33018 90277 86781 57666 30281 53665 83428
55544 16676 11151 94965 20193 64519 42496 92114 64510 31056
44776 54617 70572 96191 72728 84999 43955 94630 55936 68790
60148 16597 04723 41022 40786 12352 96082 41563 39759 08702
48475 62377 92978 34898 26498 52285 34327 02225 28784 10065
69720 84580 40414 49698 11646 38547 52529 36029 56421 13549
13183 53356 99005 25121 78492 57324 93055 10693 92450 65369
17360

9283/10643/11431 kHz, 10-02, 0900/0910/0920 UTC

06725 00058 57936 01442 27723 87848 07230 85806 76626 94462
52805 83592 73461 75627 52474 51464 42223 89172 59879 32909
47187 28069 68957 41233 84802 64680 21460 70441 08485 69294
20670 99150 81157 54250 47723 99055 61748 25760 79833 86819
26780 52441 08503 64774 97653 49394 20952 03842 91240 94796
49160 59255 59508 99983 35345 74143 01329 39357 01287 96260
76347

9283/10643/11431 kHz, 10-02, 0930/0940/0950 UTC

02363 00001 00000 34260

9283/10643/11431 kHz, 10-02, 1000/1010/1020 UTC

08296 00001 00000 35271

9283/10643/11431 kHz, 10-02, 1230/1240/1250 UTC

09614 00067 54181 71520 29887 95703 29390 52244 82176 16048
46213 54467 07493 50175 58171 98015 34219 57264 18674 18130
04283 55493 63203 54207 88534 72430 17715 92473 02237 85538
65061 19946 30191 95154 30466 66255 16033 56193 92010 00318
24994 60395 57484 60655 34114 19266 52072 76107 52147 28173
94854 72843 67729 26767 99670 13732 28536 14424 48761 75855
50593 08053 45420 82367 82413 02963 54186 13596 33989 51554

9283/10643/11431 kHz, 10-02, 1300/1310/1320 UTC

05490 00065 13320 33079 13634 27024 66661 53963 04765 73326
65870 22740 34458 46614 84349 65077 94759 17869 27469 50180
06287 22483 62960 96867 78021 19643 53177 32976 82922 07860
91513 26066 25058 31297 66198 58791 30034 48035 61214 32449
95983 20527 39052 14613 40830 54955 33202 81101 33851 71792
85304 87588 80964 96034 02590 11222 36036 70253 06313 23111
10452 59303 75364 10607 94403 49268 80000 62433

9283/10643/11431 kHz, 10-02, 1330/1340/1350 UTC

09142 00077 42912 78777 89716 17685 36476 72657 24312 52372
27261 06274 94245 78155 42105 35681 84962 64756 00807 72954
61817 05217 49366 55619 30594 43027 16034 76782 02572 06242
26761 65873 64946 79018 98788 15773 81695 59428 17955 62114
16063 38970 07144 58091 84737 28232 83621 21961 60627 35500
72206 68790 46551 71922 38374 88553 63124 61654 34056 04000
26286 98458 83153 14315 55389 97704 37451 01365 76065 02515
51944 72396 11414 18643 01658 84728 72558 27003 87494 45146

9283/10643/11431 kHz, 11-02, 0730/0740/0750 UTC

07094 00059 31609 90948 98178 23986 53087 71896 07563 06526
84132 32609 78777 00731 82078 22448 57717 11663 55809 19892
98108 64359 07113 91695 94196 24086 34518 76621 78162 73660
02833 57136 24586 62935 34478 13479 97376 05183 94269 22296
43307 58042 12446 40726 00196 82786 80504 54201 15761 69894
25025 32348 20283 17491 98605 53579 83834 20240 30718 02820
95985 10465 00000 00000

07537 00061 66885 99397 43907 94990 90520 63195 93588 35321
10272 42822 64794 60679 68347 07014 40788 97896 45868 46542
38635 36801 71688 67905 92613 09752 41681 53425 28779 38982
76492 02584 39387 54872 23652 04821 29825 76760 38581 35903
80250 30961 63371 30030 87179 38738 55882 27221 67044 95778
34695 18566 52685 05558 67713 16729 80055 19821 42565 41283
40282 57464 40277 34137

9283/10643/11431 kHz, 11-02, 0800/0810/0820 UTC

06935 00059 18050 23460 95273 91579 32579 40104 23246 82253
37818 29571 16389 82256 21318 62805 68046 53497 44383 50347
59781 14631 01524 25824 48382 78482 68329 61225 06176 29140
01102 66853 39805 28227 03563 87610 86082 56302 02792 18014
46969 75464 99755 68080 54297 85641 96475 17485 92653 15235
38219 04981 18054 34993 93230 37665 23398 14385 77563 11100
65296 60075 00000 00000

08585 00050 36500 90324 65178 54555 60689 14387 71080 83349
83184 41286 89683 20609 46457 44279 20156 28844 91528 84157
87244 29609 08584 87020 31269 20278 02791 58614 32744 16780
04944 74651 17919 70578 91976 14718 62368 62254 01192 63546
01090 85272 26465 83233 57937 70950 88348 42469 00521 37443
20211 21712 11711

9283/10643/11431 kHz, 11-02, 0830/0840/0850 UTC

03870 00078 09281 45856 36975 90281 09822 50837 83469 00077
93907 72758 02539 10056 47588 01275 90501 69855 32346 58167
99412 28117 59999 07412 11403 13013 20606 95379 88789 33355
83935 75371 87985 42930 43624 34609 80554 81248 42660 19935
04050 56792 38272 81336 30445 26923 45358 49049 13324 69831
95562 09698 87558 84798 90944 96199 38603 80638 42161 48846
12951 86012 38694 90419 88414 69230 08728 09084 29504 66111
33648 38715 93711 50313 09566 82367 07016 72245 21935 91489
36064 00000 00000

05374 00053 16889 29970 57316 99697 90376 08607 48735 66333
74010 49633 01872 03028 32995 69950 35360 40171 02267 20915
35149 44063 50030 48177 91318 09322 69807 74975 00535 02953
48245 12069 41747 62063 99426 95957 80797 87355 44280 92169
81313 53976 63480 43869 88509 56617 64259 66652 47689 19375
54470 06227 87799 10993 87245 12461

9283/10643/11431 kHz, 11-02, 0900/0910/0920 UTC

01671 00052 84536 66174 85011 20477 02186 70185 73145 03875
93456 14095 70099 52678 55216 44560 81618 77514 30138 73149
77190 40382 78486 64802 77425 43939 12162 19704 64796 46362
34021 03935 11980 57765 66765 39450 89216 62841 80353 54881
78715 67468 18336 19824 38247 53229 81543 02059 97160 96082
66548 85340 34169 92996 51304 00000 00000

05757 00055 64600 29117 36815 73660 18858 55335 46650 00172
99541 36299 86480 86125 75762 60214 71841 23435 83347 82752
49915 41815 33142 67978 51767 31394 42790 72686 04381 41810
02967 21241 27970 06244 40107 08942 22193 23017 59274 24681
89465 91886 42719 95038 75078 58365 52034 28533 04252 31074
64204 39780 17230 21476 10797 23545 37618 46030

9283/10643/11431 kHz, 11-02, 0930/0940/0950 UTC

02071 00077 54083 45956 87458 52440 17111 30991 58926 66846
60871 14068 56487 83879 45030 07292 94973 08309 99305 93048
37051 00470 31149 16756 99889 52971 67708 13452 03695 87814
26588 39256 81764 54157 82126 53821 73838 02825 10894 96959
36335 04222 91939 53373 35806 73277 83228 19478 59695 01409
63226 77378 62544 68657 58697 38945 68281 51060 36791 34159
14923 76242 88811 70638 48044 80784 97454 29043 89532 58573
37764 24575 69493 13379 80109 52629 04041 19701 83296 72257
00000 00000

08731 00065 34971 13761 58065 84211 36170 49422 08533 12158
93090 64860 84961 72267 28430 62734 62632 46274 90724 69925
89585 04683 37424 58647 10527 10294 73475 67871 99331 25578
82443 84214 01745 92767 80928 27115 65506 59947 24631 71881
98800 82161 12168 56789 03295 33610 08296 76508 27235 92056
04080 55946 46060 20290 81607 30935 02159 68490 17033 57623
90047 97917 56596 25463 46399 11371 54706 67154

9283/10643/11431 kHz, 11-02, 1000/1010/1020 UTC

09409 00078 41946 44485 70281 77407 13955 40814 57166 23787
87860 10167 21427 02492 45349 09628 49639 35243 38241 52885
09852 34360 23972 23144 49959 53824 70767 41005 91641 99418
11441 10266 96013 26397 13094 32449 78642 55256 49445 40529
35447 81597 85879 09687 63833 28531 28355 14264 30278 99744
34532 97104 95185 01318 67043 50153 21198 72925 32124 79417
76558 64197 86671 84297 82154 35796 66976 66612 30956 76406
37539 55904 06130 26805 18174 72586 61732 91671 16562 78544
07513 00000 00000

04731 00062 82548 98221 85388 87881 83943 15071 00070 80693
07799 38047 11965 43007 37411 74670 71851 16940 25609 81416
40529 22682 91249 02353 84604 81412 60415 75558 90121 02209
67977 03570 17455 86182 56864 72394 58316 91734 30846 15572
31384 99230 70535 24296 79839 48302 27670 44577 99327 24493
72604 32089 05118 04830 79426 96566 03365 90526 14686 36246
86186 87435 77329 61559 16663

9283/10643/11431 kHz, 11-02, 1130/1140/1150 UTC

06742 00069 73917 52476 25240 12697 54269 21175 38842 66194
38034 72298 89561 21215 31623 37714 50754 64822 99186 32139
43031 12800 94053 82924 83985 39759 15429 10342 36723 58658
02981 03177 24209 30851 79590 26750 42279 86508 78560 93639
40030 17978 46562 92510 74763 83891 80456 41867 16824 12840
78422 92401 88060 41007 73849 06512 64484 05236 27849 26210
02863 39031 37285 44110 89645 95456 44311 35750 04923 45084
84012 65131

9283/10643/11431 kHz, 11-02, 1200/1210/1220 UTC

04342 00066 55702 16513 53987 57079 72489 89122 42341 38327
57083 19003 05117 31804 24298 30474 73704 01558 98192 90177
19385 04190 04266 67166 25324 32369 28792 70853 69547 46525
28505 65131 70407 27338 68630 29940 77116 33646 29535 54575
72139 32192 66634 09333 80876 73285 74193 45713 11619 62295
60136 64472 09344 24799 41202 63679 41329 72826 01993 18277
14290 48109 27777 86057 05539 32361 81908 09325 77715

XPB1

13443 kHz, 01-02/07-02/08-02/14-02/15-02/21-02/22-02, 0600 UTC
13943 kHz, 01-02/07-02/08-02/14-02/15-02/21-02/22-02, 0610 UTC
14443 kHz, 01-02/07-02/08-02/14-02/15-02/21-02/22-02, 0620 UTC
14943 kHz, 01-02/07-02/08-02/14-02/15-02/21-02/22-02, 0630 UTC
15843 kHz, 01-02/07-02/08-02/14-02/15-02/21-02/22-02, 0640 UTC
16343 kHz, 01-02/07-02/08-02/14-02/15-02/21-02/22-02, 0650 UTC

8064 kHz, 01-02/06-02/08-02/13-02/15-02/20-02/22-02/27-02, 2000 UTC
7964 kHz, 01-02/06-02/08-02/13-02/15-02/20-02/22-02/27-02, 2010 UTC
6964 kHz, 01-02/06-02/08-02/13-02/15-02/20-02/22-02/27-02, 2020 UTC
5864 kHz, 01-02/06-02/08-02/13-02/15-02/20-02/22-02/27-02, 2030 UTC
5364 kHz, 01-02/06-02/08-02/13-02/15-02/20-02/22-02/27-02, 2040 UTC
4464 kHz, 01-02/06-02/08-02/13-02/15-02/20-02/22-02/27-02, 2050 UTC

14873 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1200 UTC
14373 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1210 UTC
13873 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1220 UTC
13373 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1230 UTC
12173 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1240 UTC
11173 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1250 UTC

Spurious emissions of 14873 kHz etc..

14926 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1200 UTC
14426 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1210 UTC
13926 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1220 UTC
13426 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1230 UTC
12226 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1240 UTC
11226 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1250 UTC

Spurious emissions of 14873 kHz etc.

14820 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1200 UTC
14320 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1210 UTC
13820 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1220 UTC
13320 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1230 UTC
12120 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1240 UTC
11120 kHz, 02-02/05-02/09-02/12-02/16-02/19-02/23-02/26-02, 1250 UTC

15814 kHz, 05-02/07-02/12-02/14-02/19-02/21-02/26-02/28-02, 1100 UTC
14814 kHz, 05-02/07-02/12-02/14-02/19-02/21-02/26-02/28-02, 1110 UTC
14414 kHz, 05-02/07-02/12-02/14-02/19-02/21-02/26-02/28-02, 1120 UTC
13914 kHz, 05-02/07-02/12-02/14-02/19-02/21-02/26-02/28-02, 1130 UTC
13414 kHz, 05-02/07-02/12-02/14-02/19-02/21-02/26-02/28-02, 1140 UTC
12214 kHz, 05-02/07-02/12-02/14-02/19-02/21-02/26-02/28-02, 1150 UTC

DIPLOMATIC STATIONS

Egyptian diplomatic stations

14985 kHz, 24-02, 1905 UTC, CODAN

Egyptian embassy Washington DC wkg Egyptian embassy Havana

CLANDESTINE / TARGETED RADIO & JAMMERS

Target: North Korea

4450 kHz, 11-02, 1214 UTC, AM Voice of the People program in Korean beamed to North Korea
4450 kHz, 11-02, 1214 UTC, AM North Korean jammer

Recording: [Voice of the People jammed by a North Korean jammer, 4450 kHz, 11-02, 1214 UTC](#)

4450 kHz, 16-02, 1307 UTC, AM Voice of the People program in Korean beamed to North Korea
4450 kHz, 16-02, 1307 UTC, AM North Korean jammer

Target: Turkey

9525 kHz, 21-02, 1810 UTC, AM Radio Dengé Welat. Kurdish program
9525 kHz, 21-02, 1810 UTC, AM Radio Recep Erdogan jamming Radio Dengé Welat
9525 kHz, 23-02, 1729 UTC, AM Radio Dengé Welat. Kurdish program
11530 kHz, 23-02, 1720 UTC, AM Radio Recep Erdogan. Propaganda
11530 kHz, 24-02, 0820 UTC, AM Radio Recep Erdogan. Propaganda
11540 kHz, 24-02, 0820 UTC, AM Radio Dengé Welat. Kurdish program

UKRAINE WAR

In this column you will find logs of the radio war; military stations in Ukraine, Ukrainian resistance jammers, clandestine stations and other related logs. Recordings will be uploaded to <http://udxf.nl/uc4.html> and <http://numbersoddities.nl/various.html>

Radio war

7055 kHz, 15-02, 1510 UTC, LSB The usual foul mouthed Russian and Ukrainian hooligans with anti Russian/anti Ukrainian slogans and propaganda. Several stations on top of each other
7055 kHz, 22-02, 1440 UTC, LSB Russian and Ukrainian hooligans with mainly anti Russia slogans.
7055 kHz, 24-02, 1250 UTC, LSB Russian or pro-Russian hooligans glorify the attack on Ukraine
7055 kHz, 27-02, 0624 UTC, LSB German rap that has been used before: Eins zwei drei Russia Schwein. Eins zwei drei Moskau Schwein. Then in Russian voice anti Russia talk: Russkaya svin'ya etc.
7050 kHz, 27-02, 0710 UTC, LSB Anti Russia talk: Russkaya svin'ya etc.
7055 kHz, 28-02, 1504 UTC, LSB Many stations on top of each other. People yelling.
7055 kHz, 28-02, 1713 UTC, LSB Glory to the Ukraine. Music, slogans.
7055 kHz, 28-02, 1900 UTC, LSB Loop tape: Glory to Ukraine! Smert' Russkim natsistskim svin'yam! smert' agressoram, okkupantam, Putina idite na khuyla (Glory to Ukraine! Death to Russian Nazi pigs! Death to the aggressors, occupiers, Putin, go f*** yourself)

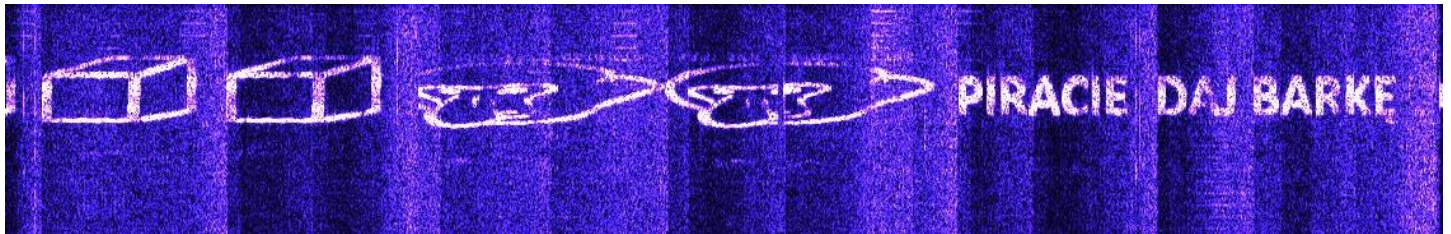
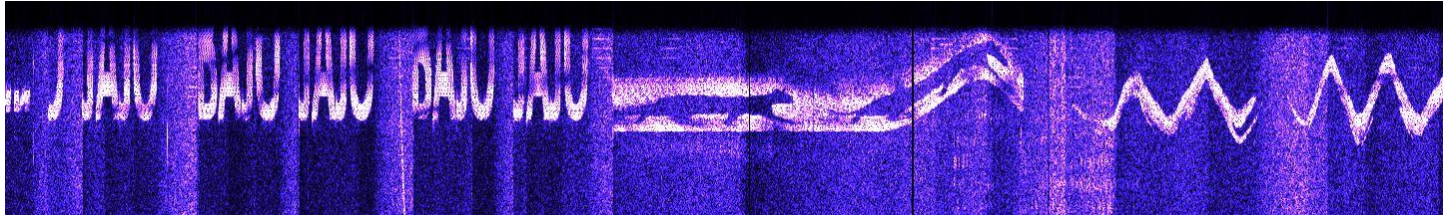
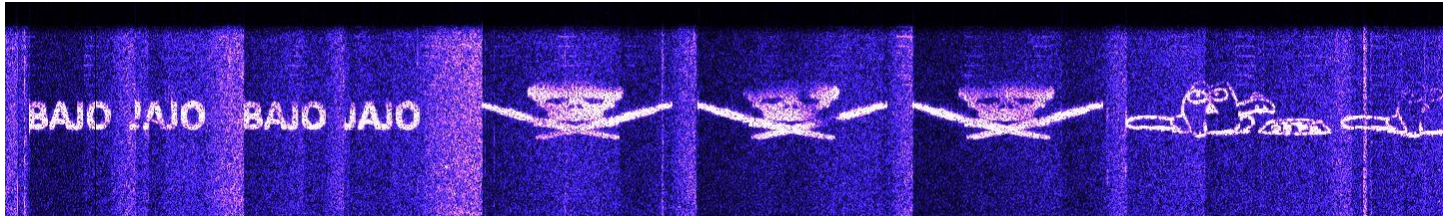
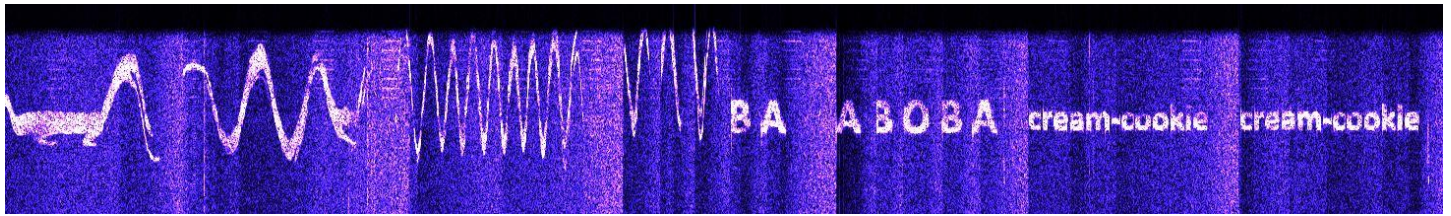
See for more info about the radio war <https://rurik.us/>

4630 kHz, 16-02, 1810-1825 UTC, LSB, waterfall text

4630 kHz, 23-02, 1810-1825 UTC, LSB, same waterfall texts

waterfall texts слава Україні (Glory to Ukraine)
 крем печенье (cream cookies)
 Piracie daj barke
 kremówka (cream cookie)





4625 kHz, 16-02, 1800 UTC, USB
 4625 kHz, 16-02, 1820 UTC, USB
 4625 kHz, 23-02, 2145 UTC, USB
 4610 kHz, 23-02, 2030 UTC, USB
 4649.5 kHz, 23-02, 2035 UTC, USB

Noise jammer on top of the buzzer
 Jammed by pirates. Music: Wake me up – Avicii
 Music jamming the buzzer
 Various stations passing on bearings/grid nrs
 Various stations passing on bearings/grid nrs

4649.5 kHz, 24-02, 1735-1750 UTC, USB. Logged by AB, translated by Pavel
 Stations 2, 4, 8, 15, 18, 41, 44 communicate bearings/grid numbers.
 Possibly artillery target codes
 "Razdel" after each section. Razdel means separator, = or /
 118 / 21 00 / 57 118 / 44 168 / 116 86
 118 / 21 00 / 57 118 / 44 168 / 116 86
 118 / 21 00 / 56 298 / 44 210 / 18 078
 118 / 21 00 / 56 461 / 42 343 / 44 585
 118 / 21 00 / 57 144 / 44 386 / 30 070
 118 / 21 00 / 57 151 / 44 405 / 36 484
 118 / 21 00 / 57 151 / 44 391 / 22 071
 118 / 21 00 / 56 100 / 45 146 / 20 073
 118 / 21 00 / 56 100 / 45 186 / 20 073
 118 / 21 00 / 56 556 / 42 278 / 36 072

4397 kHz, 26-02, 1841 UTC, USB
 5331 kHz, 26-02, 2000 UTC, USB
 4029.5 kHz, 26-02, 2035 UTC, USB
 4625 kHz, 26-02, 1824 UTC, USB
 5175 kHz, 27-02, 0637 UTC, USB
 4625 kHz, 27-02, 1600 UTC, CW
 7933 kHz, 28-02, 1033 UTC, USB
 9741 kHz, 28-02, 1040 UTC, ISB

Rooster jammer, jamming the Russian military comms in Ukraine
 Rooster jammer, jamming the Russian military comms in Ukraine
 Screaming woman & rooster jammer, jamming Russian military comms in Ukraine
 Ukraine National Anthem on top of the buzzer
 Screaming woman & Squealing pigs jammer, jamming Russian military comms in Ukraine
 Unid station sending: Message to the Russian troops. Stop being Putins puppets and walk away.
 Peace is the only option. With love
 Squealing pigs jammer
 Russian military, radio checks

9741 kHz, 28-02, 1110 UTC, ISB	Russian military passing messages. Possibly artillery target codes 940 734 214 418 743 80 744 410 740 482 418 743 998 940 588 515 34 kak prinyal priyom (how did you read me, over) 998 940 639 214 418 743 80 793 410 940 482 418 647 387 998 940 588 515 34 382 598 940 940 588 588 515 515 34 34 kak prinyali menya priyom? (how did you receive me, over) nachinayu nachinayu, priyom (I start, over) 998 940 639 214 418 743 80 723 410 940 482 418 547 387 998 940 588 515 34 kak prinyal, priyom (how do you read, over)
5125 kHz, 28-02, 1532 UTC, USB	Loop tape: Ukrayini slava (Ukraine glory) jamming the Russian military comms in Ukraine
5125 kHz, 28-02, 1703 UTC, USB	Loop tape: Go back home to Russia. Ukrayini slava (Ukraine glory) jamming the Russian military comms in Ukraine
4629 kHz, 28-02, 1727 UTC, USB	Songs about Ukraine. Guy talking to someone. Not heard on the same freq.
7933 kHz, 28-02, 1740 UTC, USB	Russian military in Ukraine: Lampas-38 clg several stations
5125 kHz, 28-02, 1743 UTC, USB	Loop tape: Ukrayini slava (Ukraine glory) and the squeaking pigs jammer on top jamming the Russian military comms in Ukraine
7933 kHz, 28-02, 1746 UTC, CW	Unid station sending I AM THE JAMMER JAMMER 0123456789
4628.5 kHz, 28-02, 2335 UTC, USB	Ukrayini slava (Glory to Ukraine) Putin stop war
7933 kHz, 28-02, 1818 UTC, USB	Putin proigryvayet voynu idi domoy. (Putin is losing the war go home) Putin v proigrysha voyny idi domoy posle proigrysha voyny domoy (Putin in losing the war go home after losing the war go home)
7933 kHz, 28-02, 1826 UTC, USB	Begite domoy k putinu proigrav voynu my pobedim. tak chto poka my naydem vykhod. (run home Putin losing the war we will win. so until we find a way out)

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
02-02	1543	Lambchop	30 chr EAM B4YRYP F4RWXQWBRHKES3XX26D2FP75
02-02	1546	Lambchop	30 chr EAM B4MZT2 XYFM64Y3LPGBBC5PC6APC2SGV
02-02	1550	Lambchop	30 chr EAM B452TS Y4PDSJ3JEXGWGPU6YDW3PFNS
02-02	1603	Lambchop	30 chr EAM B4MZT2 XYFM64Y3LPGBBC5PC6APC2SGV
02-02	1607	Lambchop	30 chr EAM B452TS Y4PDSJ3JEXGWGPU6YDW3PFNS
02-02	1609	Lambchop	30 chr EAM B4MZT2 XYFM64Y3LPGBBC5PC6APC2SGV
02-02	1612	Lambchop	30 chr EAM B4YRYP F4RWXQWBRHKES3XX26D2FP75
02-02	1621	Lambchop	30 chr EAM B4DYFZ E3RKTJIEHWTk4HQWL6PDFGT
02-02	1623	Lambchop	30 chr EAM B4WOAE UXRVXFLXB5LLRX2EOA3WJS4Q
02-02	1627	Lambchop	30 chr EAM B4ULNR D6FYES6HYFZXFDXIIANK2JI
02-02	1630	Lambchop	30 chr EAM B4ULNR D6FYES6HYFZXFDXIIANK2JI
02-02	1632	Lambchop	30 chr EAM B4WOAE UXRVXFLXB5LLRX2EOA3WJS4Q
02-02	1635	Lambchop	30 chr EAM B4DYFZ E3RKTJIEHWTk4HQWL6PDFGT
02-02	1703	Lambchop	30 chr EAM for Tambo 7W3B7J H5DZAZRB5S5AKNYXC26UJR4
02-02	1822	Lambchop	30 chr EAM 7WZA2W YYEG7Q77ZH2TPQTUX6I6EX3S
02-02	1832	Lambchop	39 chr EAM 7W4SOH TXKRDJWNPVOXIALFXIAYJRNDU5E66WTRR
02-02	1847	Lambchop	30 chr EAM B4MIJX KN3JDEY3DG742ZLKTGVARF4U
02-02	1856	Lambchop	30 chr EAM 7WYXPX B7FSRQWFDETYTPMG5AXXUBX3
02-02	1900	Lambchop	30 chr EAM B4MIJX KN3JDEY3DG742ZLKTGVARF4U
02-02	1920	Lambchop	75 chr EAM 7WKN7Y PTAZTKELGHTBEJDKWWH6UC73SCMAKI-ZIPC7PKC73PZ6OPC7PLCSU42FQPC7P3CMAKIZIF
02-02	1930	Lambchop	30 chr EAM B4MIJX KN3JDEY3DG742ZLKTGVARF4U
02-02	2000	Lambchop	30 chr EAM B4MIJX KN3JDEY3DG742ZLKTGVARF4U
02-02	2030	Lambchop	30 chr EAM B4MIJX KN3JDEY3DG742ZLKTGVARF4U
02-02	2103	Lambchop	30 chr EAM for Tambo 7WL3HO GONN7EKXK7PGXBONG3BMWV5Y
03-02	1744	Bombproof	34 chr EAM 7WDOEH QAACFBD3VIN4ORB5LOA2VCBGLQKU
03-02	1759	Bombproof	34 chr EAM 7WDOEH QAACFBD3VIN4ORB5LOA2VCBGLQKU
03-02	1812	Bombproof	34 chr EAM 7WCJ7L 2SOGTB6ORG22DA7NADH32PJZEFXX
03-02	1821	Bombproof	30 chr EAM 7WM2GC 7NTSR5KPQ2SY3HWMWHQW4CXG
03-02	1831	Bombproof	30 chr EAM B4YNQA ZYKP2JOSFOZDJWBSEIRIHUZAD
03-02	1834	Bombproof	34 chr EAM 7WCJ7L 2SOGTB6ORG22DA7NADH32PJZEFXX
03-02	2134	Bombproof	30 chr EAM for Death-13 7WJLAK MFOIZGXV4OKIIT2M3IPPOJFB

04-02	1203	Quencher	39 chr EAM 7WJMRV 4JFKDQSY4R2JGRAURARUWTKMPY44VHA4
04-02	1502	Quencher	30 chr EAM B4WYVX N24SFAJTURTJSCWVLQJ7ASG5
04-02	1523	Quencher	43 chr EAM 7WUOKV NJZDXGYS37LUR6IVID6YH3YQZXLWVZKMR7LOL
04-02	1529	Quencher	30 chr EAM B4WYVX N24SFAJTURTJSCWVLQJ7ASG5
04-02	1600	Quencher	30 chr EAM B4WYVX N24SFAJTURTJSCWVLQJ7ASG5
04-02	1603	Quencher	30 chr EAM B4Y52W GBOIBYKG7ZQWQLT7LTRSUHKG
04-02	1707	Quencher	34 chr EAM 7WVZJ4 4HNMBWVNBQQJTX2N3AWLM4NBARH
04-02	1800	Quencher	44 chr EAM 7WGU6O WLPYXMMZX77TIBOKWSLH2R7VS4IG3LMT7TAELM
04-02	1803	Quencher	34 chr EAM 7WVZJ4 4HNMBWVNBQQJTX2N3AWLM4NBARH
04-02	1818	Quencher	56 chr EAM 7WGW7J FZE3G5P5DLX72RRM72T4M72T6Z4ANJR64KJD474ANNRGVGAXO3
04-02	1827	Quencher	30 chr EAM 7WH623 S5OJS7AEZRALWJAQAT36NLZU
04-02	1830	Quencher	44 chr EAM 7WGU6O WLPYXMMZX77TIBOKWSLH2R7VS4IG3LMT7TAELM
04-02	1834	Quencher	34 chr EAM 7WVZJ4 4HNMBWVNBQQJTX2N3AWLM4NBARH
04-02	1859	Quencher	44 chr EAM 7WGU6O WLPYXMMZX77TIBOKWSLH2R7VS4IG3LMT7TAELM
04-02	1903	Quencher	30 chr EAM for Midweek 7WW6LW DXPCTSXUL7V5OU4XCDDBTTLH
04-02	1906	Quencher	34 chr EAM 7WVZJ44 HNMBWVNBQQJTX2N3AWLM4NBARH
04-02	1918	Quencher	30 chr EAM B4EAV3 UCZ3KGM2B7XEMSU7USJI2R6B
04-02	1924	Quencher	30 chr EAM for Midweek 7WQOSV 626EDD2MGWDTZK6OZRE2ODMV
04-02	1930	Quencher	30 chr EAM B4EAV3 UCZ3KGM2B7XEMSU7USJI2R6B
04-02	2000	Quencher	30 chr EAM B4EAV3 UCZ3KGM2B7XEMSU7USJI2R6B
04-02	2030	Quencher	30 chr EAM B4EAV3 UCZ3KGM2B7XEMSU7USJI2R6B
04-02	2217	Quencher	30 chr EAM B4EAV3 UCZ3KGM2B7XEMSU7USJI2R6B
04-02	2100	Quencher	30 chr EAM for Trailmaster 7WVXFB BBIMSUUTJJFYWZ65LXT5WKDA
04-02	2132	Quencher	30 chr EAM for Squirrel 7W4EYH QBOUNC5MMS27IUCLRBHJWCNZ
05-02	0345	Palm Leaf	56 chr EAM 7WLWPG DX2ZKPG2R7SDJJV4UEZJHKEASMJSUEXHWZSQSPJ
05-02	0437	Palm Leaf	30 chr EAM 7WOS7Q PTRH3BEF4F4BYTFR2KXIB4ST
05-02	0440	Palm Leaf	30 chr EAM 7WV5UJ HEY4UY7KDZ2EDGH4I74BTAT3
05-02	0443	Palm Leaf	30 chr EAM 7WLKRV 35KBRPFBTTMUMSYUTI3G32NV
05-02	0531	Palm Leaf	30 chr EAM KHVRYE PZWCPK2I7ZQLBXZUZ5MFRQ5H
05-02	0534	Palm Leaf	30 chr EAM KHVRYE PZWCPK2I7ZQLBXZUZ5MFRQ5H
05-02	1417	Palm Leaf	30 chr EAM B4AJFB YKNZFDBTLEDJO5HNNWKTNKXYA
05-02	1430	Palm Leaf	30 chr EAM B4AJFB YKNZFDBTLEDJO5HNNWKTNKXYA
05-02	1433	Palm Leaf	30 chr EAM for Perkins, for Ottawa KHJXO CCGLRWSK2RWKMU6NSIB7ALUH
05-02	1500	Palm Leaf	30 chr EAM B4AJFB YKNZFDBTLEDJO5HNNWKTNKXYA
05-02	1533	Palm Leaf	30 chr EAM for Ikano, for Winey KHFFQR GW6KCL7SS5OZ2BBCM2QQP5FW
05-02	1535	Palm Leaf	30 chr EAM B4AJFB YKNZFDBTLEDJO5HNNWKTNKXYA
05-02	1546	Palm Leaf	30 chr EAM for Winey KH7CRN 7W7F2S3YXTA6HUMZ3BVGFFDH
05-02	1614	Palm Leaf	30 chr EAM for Winey KHLIY2O WU7OUWPMFTF36MD6R5HVKDXIE
05-02	1632	Palm Leaf	30 chr EAM for Perkin KHFR7 JNDEISVESKWVXCJHKTCSBZY
05-02	1634	Palm Leaf	30 chr EAM B4AJFB YKNZFDBTLEDJO5HNNWKTNKXYA
05-02	1646	Palm Leaf	30 chr EAM for Perkins, for Ottawa KHHUEF DESHP7E2BSNYUSAATVKYAAOF
05-02	1659	Palm Leaf	30 chr EAM B4AJFB YKNZFDBTLEDJO5HNNWKTNKXYA
05-02	1716	Palm Leaf	30 chr EAM for Perkins, for Ottawa KHTMJA P2DX2SN4KJYPCHIJFCUWZV77
05-02	1729	Palm Leaf	30 chr EAM B4AJFB YKNZFDBTLEDJO5HNNWKTNKXYA
05-02	1816	Palm Leaf	30 chr EAM for Ikano KHEDCB ZJWL4UGYARZPL5R3LISIFLMM
05-02	1903	Palm Leaf	30 chr EAM for Perkins KHZLF7 GJPTWU3G5IM5TM3PHB3TYFRE
05-02	1908	Palm Leaf	30 chr EAM for Perkins KHZLF7 GJPTWU3G5IM5TM3PHB3TYFRE
05-02	1916	Palm Leaf	30 chr EAM for Perkins KHB32A 5NEL326MCRMXLHYUSFJCFG76
05-02	1921	Palm Leaf	30 chr EAM for Perkins KHB32A 5NEL326MCRMXLHYUSFJCFG76
05-02	1927	Palm Leaf	30 chr EAM for Perkins KH3NUG 2GACAUFFQHJLKI7DXSUQK6O
05-02	1934	Palm Leaf	30 chr EAM for Perkins KH3NUG 2GACAUFFQHJLKI7DXSUQK6O
05-02	2025	Palm Leaf	30 chr EAM B4GW22 XEQEOPHJNQ4PE4W56CAJIST
05-02	2029	Palm Leaf	30 chr EAM B4GW22 XEQEOPHJNQ4PE4W56CAJIST
05-02	2033	Palm Leaf	30 chr EAM B4YHXY EJCLL4P2JUBLFVLOR6I27QTH
05-02	2036	Palm Leaf	30 chr EAM B4YHXY EJCLL4P2JUBLFVLOR6I27QTH
05-02	2100	Palm Leaf	30 chr EAM B4YHXY EJCLL4P2JUBLFVLOR6I27QTH
05-02	2103	Palm Leaf	30 chr EAM B4BY3V LNY65D4JEGU35434ILILETUK
05-02	2105	Palm Leaf	30 chr EAM B4GW22 XEQXOUPHJNQ4PE4V56CAJIST
05-02	2112	Palm Leaf	30 chr EAM for Ikano KHZBPI QBZXYO6GDAQE2YASAZVDNML7
05-02	2118	Palm Leaf	30 chr EAM for Ikano KHZBPI QBZXYO6GDAQE2YASAZVDNML7
05-02	2133	Palm Leaf	30 chr EAM B4YHXY EJCLL4P2JUBLFVLOR6I27QTH
05-02	2136	Palm Leaf	30 chr EAM B4GW22 XEQEOPHJNQ4PE4W56CAJIST

05-02	2202	Palm Leaf	30 chr EAM B4MYR3 TNRWX7WUPDQA46BKORWX6PON
05-02	2209	Palm Leaf	30 chr EAM B4MYR3 TNRWX7WUPDQA46BKORWX6PON
05-02	2322	Palm Leaf	30 chr EAM for Ottawa KH3BTR QLAMUUDY7JGD6YEGNZ3YCETJ
05-02	2330	Palm Leaf	30 chr EAM B4MYR3 TNRWX7WUPDQA46BKORWX6PON
05-02	2340	Palm Leaf	30 chr EAM for Ottawa KHACFD 3LF5UTMEZ3RHK424TEUTH2DK
05-02	2344	Palm Leaf	30 chr EAM for Ottawa KHACFD 3LF5UTMEZ3RHK424TEUTH2DK
06-02	0000	Resonant	30 chr EAM B4MYR3 TNRWX7WUPDQA46BKORWX6PON
06-02	0029	Resonant	30 chr EAM B4MYR3 TNRWX7WUPDQA46BKORWX6PON
06-02	0100	Resonant	30 chr EAM B4MYR3 TNRWX7WUPDQA46BKORWX6PON
06-02	0102	Resonant	30 chr EAM B4MYR3 TNRWX7WUPDQA46BKORWX6PON
06-02	1342	Resonant	30 chr EAM for Ottawa KHQES4 447R5XWFFDWDYD3ISGKBZ7QEZ
06-02	1422	Resonant	30 chr EAM B4LG44 GIBJAYAQVRYOGKQNPZGYVWIS
06-02	1429	Resonant	30 chr EAM B4LG44 GIBJAYAQVRYOGKQNPZGYVWIS
06-02	1529	Resonant	30 chr EAM B4LG44 GIBJAYAQVRYOGKQNPZGYVWIS
06-02	1532	Resonant	30 chr EAM for Ottawa KHML37 ZDK75I34UENFHTJEYMQIJR6T
06-02	1552	Resonant	30 chr EAM for Ottawa KHRVP6 2HE7PGY7ERKCHOG5JMCAUC2U
06-02	1600	Resonant	30 chr EAM B4LG44 GIBJAYAQVRYOGKQNPZGYVWIS
06-02	1632	Resonant	30 chr EAM B4UGOC H2BER2RGQVIUXVOTHL2T7IJG
06-02	1700	Resonant	30 chr EAM B4UGOC H2BER2RGQVIUXVOTHL2T7IJG
06-02	1703	Resonant	30 chr EAM for Demur KHWYWF 3YAGHAK4S4K6VAE4L77X2ZSI
06-02	1730	Resonant	30 chr EAM B4UGOC H2BER2RGQVIUXVOTHL2T7IJG
06-02	1800	Resonant	30 chr EAM B4UGOC H2BER2RGQVIUXVOTHL2T7IJG
06-02	1830	Resonant	30 chr EAM B4UGOC H2BER2RGQVIUXVOTHL2T7IJG
07-02	1119	Base Pay	30 chr EAM for Region Charlie KHKK2Y 6DWEDHVTWYDXS5ONBNPZERWF
08-02	1632	Invective	30 chr EAM KHWPXS HWLMJNTEC4QWXYOJYYOKFDOP
08-02	1702	Invective	53 chr EAM KHGPG2 WCJB5Q4C4TOYOFUZYOFLS6L7EAKM6JKGZ6L7WAPIISD5Z6L7SAH62EOIN
08-02	1902	Invective	30 chr EAM B4L3IC NXIFZREITXQCP6NYCR4WPQC
08-02	2107	Invective	30 chr EAM KHKS22 GCIPUKDADLFWKYYWQJKSIPNQ
09-02	1616	Tally-Ho	30 chr EAM B4WJDO S55F4H7ZXR3E54B7DNWE6L3I
09-02	1630	Tally-Ho	30 chr EAM B4WJDO S55F4H7ZXR3E54B7DNWE6L3I
09-02	1716	Tally-Ho	30 chr EAM for Tap On? KHIFJS 37JAHUKLQFRRZZKQOKIPRHH6
09-02	1729	Tally-Ho	30 chr EAM B4WJDO S55F4H7ZXR3E54B7DNWE6L3I
09-02	1747	Tally-Ho	30 chr EAM for Wallo KHO6W7 NQGLRDMZ42HF6NZ36YIYV2I
09-02	1800	Tally-Ho	30 chr EAM B4WJDO S55F4H7ZXR3E54B7DNWE6L3I
09-02	1802	Tally-Ho	30 chr EAM for Wallo KHXDOZ XRVUM42HB2DZ55CTL4AYSLT5
09-02	1830	Tally-Ho	30 chr EAM for Wallo KHRUYX 7XF5CG7UGCXQTNFAXGKR6MNF
09-02	1846	Tally-Ho	30 chr EAM for Wallo KHN6IE COARBQKFZQZIR62I7JPWHO4E
09-02	1916	Tally-Ho	30 chr EAM for Wallo KH7G7E NVWHFRBT3E5PRCKYAHAXGFFW
09-02	1931	Tally-Ho	30 chr EAM B4TQAE LHKWEH7JM34JZIPPJRGD5SWE
09-02	1959	Tally-Ho	30 chr EAM B4TQAE LHKWEH7JM34JZIPPJRGD5SWE
09-02	2029	Tally-Ho	30 chr EAM B4TQAE LHKWEH7JM34JZIPPJRGD5SWE
09-02	2032	Tally-Ho	30 chr EAM B43AXL EFJTJQ2NROFS2ZVEEHABN7XQ
09-02	2100	Tally-Ho	30 chr EAM B43AXL EFJTJQ2NROFS2ZVEEHABN7XQ
09-02	2102	Tally-Ho	30 chr EAM for Tap On? KHJXOS DM2DYHVR2CDAWSE67PXP7KRW
09-02	2105	Tally-Ho	30 chr EAM B4TQAE LHKWEH7JM34JZIPPJRGD5SWE
09-02	2139	Tally-Ho	62 chr EAM 3RZTXH LEHNNHTR4363FQS2RSPHCA2N4J2OOHXOF5Y44G533S47NZZBMMA6ZX7Z
10-02	0903	Butternut	42 chr EAM KH6VCI KDJD5XBPZHSSNS3SH2STHYSCJYX2FQ5J7Y
10-02	0915	Butternut	216 chr EAM 3RY2KB 2V7PY4DTQ353EBQCIYZTZLIBP3C7FYJOPCL7HIV374DLETWL7WM7QQAM PSZGFYEZI2BJ3ZID4AB44UT7B7TT4MMMMMRKHrgWWYPHPKWFSVPFFFCMRAO66JX63V5SINI V3333WKYODVQQDWQXR5J533IIIS7RHZBU3SXM4PBUUPTCCCC2L
10-02	1332	Butternut	30 chr EAM for Illustrious KHERUV 4XJLR4SGZRMXRXHO7PLCYKW2
10-02	1344	Butternut	30 chr EAM for Illustrious KHNXHG 5EJHUWYXWEVHVTRCQX6SL5UT
10-02	1353	Butternut	30 chr EAM for Illustrious KHIJTH CQK627W5ZJB7SN4EHXSW3ZVW
10-02	1403	Butternut	30 chr EAM for Illustrious KH6G5K SP4MKZYH74IOE6LY4UGTT5B
10-02	1555	Butternut	30 chr EAM KHOK3B ACENZL2MJUXIFXJ4LNJ5NFTC
10-02	1634	Butternut	39 chr EAM KOE2P7 F2AOQR6HYKOQ6IT6Q6ISLLXKI62CZCT2I
11-02	1102	Spreader	30 chr EAM for ? KHTKMR KQAKAZ4QYUT6MREDSGN5XAO7
11-02	1617	Spreader	30 chr EAM B4QXS4 KVQH7ONRMYB7NY6SAG2QLW6B
11-02	1629	Spreader	30 chr EAM B4QXS4 KVQH7ONRMYB7NY6SAG2QLW6B
11-02	1658	Spreader	30 chr EAM B4QXS4 KVQH7ONRMYB7NY6SAG2QLW6B
11-02	1703	Spreader	30 chr EAM for Cabin KHX2EV Z5ID2TIB6EMNW3X3LDGD2DQZ
11-02	1716	Spreader	34 chr EAM KHHFKJ RFGQ2QLYKAVXHHKLOB5S76F3QMCI

11-02	1729	Spreader	30 chr EAM B4QXS4 KVQH7ONRMYB7NY6SAG2QLW6B
11-02	1812	Spreader	30 chr EAM B4MPOB GA3ILVHMQJZMV3TVW4SWTB65
11-02	2032	Spreader	30 chr EAM B45JNS SVO2KS27Y44VOFZQGCNC4BZY
11-02	2035	Spreader	30 chr EAM B4YCXU GGGJ23XPRZB4TRMHET6W5NIM
11-02	2045	Spreader	30 chr EAM B4J7SN 7DOCIBWVBKNKYGHWF4X3ASRU
11-02	2054	Spreader	30 chr EAM B4YVTV PPOSJSNRYDHGBVD7JK5P3EFH
12-02	1335	Beltloop	30 chr EAM for Cabin KHCPQ7 KQFJNMO4CYB2AQMJOV7LJNPP
12-02	1353	Beltloop	30 chr EAM for Cabin KHOTZ7 II34FIIAGNAVGHQV4ORRSHG7
12-02	1802	Beltloop	30 chr EAM for Cabin KHVVPF FKAVYEZUILZA3MN344S6Z337
12-02	1832	Beltloop	30 chr EAM for Cabin KH3RZP XX4HI2KCKC3Z24AP7UG77TIB
12-02	1846	Beltloop	30 chr EAM B4BFNF VLXJLBCXLHVOEFD03V3AGOWB
12-02	1900	Beltloop	30 chr EAM B4BFNF VLXJLBCXLHVOEFD03V3AGOWB
12-02	1930	Beltloop	30 chr EAM B4BFNF VLXJLBCXLHVOEFD03V3AGOWB
12-02	2000	Beltloop	30 chr EAM B4BFNF VLXJLBCXLHVOEFD03V3AGOWB
12-02	2031	Beltloop	30 chr EAM B4BFNF VLXJLBCXLHVOEFD03V3AGOWB
13-02	1504	Drumbeat	30 chr EAM B47QYX ADDBUKNOZAHVPIN2SG2MJFPU
13-02	1530	Drumbeat	30 chr EAM B47QYX ADDBUKNOZAHVPIN2SG2MJFPU
13-02	1600	Drumbeat	30 chr EAM B47QYX ADDBUKNOZAHVPIN2SG2MJFPU
13-02	1630	Drumbeat	30 chr EAM B47QYX ADDBUKNOZAHVPIN2SG2MJFPU
13-02	1700	Drumbeat	30 chr EAM B47QYX ADDBUKNOZAHVPIN2SG2MJFPU
14-02	0503	Outboard	30 chr EAM B4GXRH N6PEJDRR6HPHAE65IYCX4IS5
14-02	0506	Outboard	30 chr EAM B4OVY6 6O35RFXIR6J4XGPW3PSJ5RV3
14-02	0508	Outboard	30 chr EAM B4R7JA JXFG27R36HGPO2UMJFSEZIKC
14-02	0510	Outboard	30 chr EAM B4X4LT KOI5POOG3MADXMZGTYTJIEOX
14-02	0530	Outboard	30 chr EAM B4X4LT KOI5POOG3MADXMZGTYTJIEOX
14-02	0532	Outboard	30 chr EAM B4R7JA JXFG27R36HGPO2UMJFSEZIKC
14-02	0534	Outboard	30 chr EAM B4OVY6 6O35RFXIR6J4XGPW3PSJ5RV3
14-02	0542	Outboard	30 chr EAM B4PPEK LA5Q4SKPT2VIYTI7LGBDRAIX
14-02	0600	Outboard	30 chr EAM B4X4LT KOI5POOG3MADXMZGTYTJIEOX
14-02	0903	Outboard	42 chr EAM KHPTFO NNEQRWMOKTH4ZL7EK4HSKRHVU6WVJ3XPBZJU
14-02	1936	Outboard	30 chr EAM B4PK4T LZXEO4U6O5VCR2ZDHYPWBY2
14-02	2000	Outboard	30 chr EAM B4PK4T LZXEO4U6O5VCR2ZDHYPWBY2
14-02	2034	Outboard	30 chr EAM B4PD7C QZLGJDUURAMIK2L37CAXNF7E
14-02	2041	Outboard	30 chr EAM B4RDOY J6YDQWBD3YEF2IREJQSDNIQJ
15-02	1602	Woodland	30 chr EAM B4ZSKJ WLYZBPX6SFWCMZRQ6BKCETLO
16-02	0625	Sunbath	30 chr EAM B4I4HK TODQV6VOEFSNDGDKHHEELPTK
16-02	0629	Sunbath	30 chr EAM B4I4HK TODQV6VOEFSNDGDKHHEELPTK
16-02	0635	Sunbath	30 chr EAM B43YK5 ELEXJGB3DWTQV7MH2U4UTXSC
16-02	0700	Sunbath	30 chr EAM B43YK5 ELEXJGB3DWTQV7MH2U4UTXSC
16-02	0702	Sunbath	30 chr EAM B4I4HK TODQV6VOEFSNDGDKHHEELPTK
16-02	1625	Sunbath	30 chr EAM for Patio-91 KHI2G2 CB5I5KLL2APGPVRJ53Z4EW4L
16-02	1630	Sunbath	30 chr EAM for Patio-91 KHI2G2 CB5I5KLL2APGPVRJ53Z4EW4L
16-02	1652	Sunbath	30 chr EAM B42QR4 6Y4JKSRLTNHGK6LHD7SKR6Q3
16-02	1657	Sunbath	30 chr EAM B4UN5W Y3XI56DYBRSTCAVIUKKHGXUN
16-02	1701	Sunbath	30 chr EAM B4XFP2 EWBY77SR3GARQUFYI6WQZOLV
16-02	1704	Sunbath	30 chr EAM B4ZY6Y CVMIL7QZGT24PBCTKN7N2SKO
16-02	1707	Sunbath	30 chr EAM for Abram KHFOFS SHMW7664BWQZ4N4GSFEW62ZT
16-02	1746	Sunbath	30 chr EAM for Crackerbox KHHHUA JNGQGOSMUTSSKJKSDFNB74A
16-02	1802	Sunbath	30 chr EAM for Crackerbox KHHEGM AQDCT75SMJFQCRWRGYKIJQXO
16-02	1808	Sunbath	30 chr EAM for Crackerbox KHHEGM AQDCT75SMJFQCRWRGYKIJQXO
16-02	1830	Sunbath	34 chr EAM KHA7EA I4TF5N24OEOGXSGB7YCW2W77HF7G
16-02	1834	Sunbath	30 chr EAM for Crackerbox KHZKYP VXFTAM2BQFJPFWU4XE4P33PD
16-02	1917	Sunbath	30 chr EAM for Crackerbox KHL7KY MDENC4FATDRRWMFUDUWW3LDUF
16-02	1926	Sunbath	30 chr EAM B4JPWE 3AOQRXDEN77QTL4CACGW3SHF
16-02	1937	Sunbath	30 chr EAM B4JPWE 3AOQRXDEN77QTL4CACGW3SHF
18-02	1501	Describe	30 chr EAM for ? M5QNT4 BMRJWZH4A4I2QZZOBGC3UUR4
18-02	1532	Describe	34 chr EAM M56NJS 2722SW5MFDQJTCZGSZ7KLLJHLJ6
18-02	1648	Describe	30 chr EAM B4MGPU 2JASVVI43L3PWE PDN6SFB3PO
18-02	1729	Describe	30 chr EAM B4MGPU 2JASVVI43L3PWE PDN6SFB3PO
18-02	1759	Describe	30 chr EAM B4MGPU 2JASVVI43L3PWE PDN6SFB3PO
18-02	1830	Describe	30 chr EAM B4MGPU 2JASVVI43L3PWE PDN6SFB3PO
18-02	1936	Describe	30 chr EAM B46PV2 SR6VID3EOOSA7DHHR32OKTIN

18-02	2002	Describe	30 chr EAM B46PV2 SR6VID3EOOSA7DHHR32OKTIN
18-02	2030	Describe	30 chr EAM B46PV2 SR6VID3EOOSA7DHHR32OKTIN
18-02	2107	Describe	30 chr EAM B46PV2 SR6VID3EOOSA7DHHR32OKTIN
18-02	2129	Describe	30 chr EAM B46PV2 SR6VID3EOOSA7DHHR32OKTIN
18-02	2245	Describe	30 chr EAM B4NDAY 6E7DG5SZPERXV7JNTMSOTRY6
18-02	2300	Describe	30 chr EAM B4NDAY 6E7DG5SZPERXV7JNTMSOTRY6
18-02	2330	Describe	30 chr EAM B4NDAY 6E7DG5SZPERXV7JNTMSOTRY6
19-02	0000	Boys Club	30 chr EAM B4NDAY 6E7DG5SZPERXV7JNTMSOTRY6
19-02	0029	Boys Club	30 chr EAM B4NDAY 6E7DG5SZPERXV7JNTMSOTRY6
19-02	1354	Boys Club	56 chr EAM 3R73FQ 3OS742HHXY3GLBW3OWLPOAPV4WZGGDBQYOXDDHCAA044VVNWFT
19-02	1620	Boys Club	30 chr EAM B4DWWU KSI7MMA7DAXZQK5PFKAFTQJE
19-02	1630	Boys Club	30 chr EAM B4DWWU KSI7MMA7DAXZQK5PFKAFTQJE
19-02	1659	Boys Club	30 chr EAM B4DWWU KSI7MMA7DAXZQK5PFKAFTQJE
19-02	1729	Boys Club	30 chr EAM B4DWWU KSI7MMA7DAXZQK5PFKAFTQJE
19-02	1759	Boys Club	30 chr EAM B4DWWU KSI7MMA7DAXZQK5PFKAFTQJE
19-02	2246	Boys Club	30 chr EAM B42VF7 BGCASVWA36C4ZEF7D3NI4HDG
19-02	2259	Boys Club	30 chr EAM B42VF7 BGCASVWA36C4ZEF7D3NI4HDG
20-02	0000	Suitable	30 chr EAM B42VF7 BGCASVWA36C4ZEF7D3NI4HDG
20-02	0030	Suitable	30 chr EAM B42VF7 BGCASVWA36C4ZEF7D3NI4HDG
20-02	0647	Suitable	30 chr EAM B46SX5 LWSYUOYAVTPYDV3XV7H6MYQJ
20-02	0650	Suitable	30 chr EAM B4IP44 AU25NDSJV34WYWPC2JK7WHLJ
20-02	0652	Suitable	30 chr EAM B43OSW D43BOWKFWHDLGKDSDNIL7KQC
20-02	0655	Suitable	30 chr EAM B44XON B2NKHZVYT6AIGE3XG4SGNETB
20-02	0659	Suitable	30 chr EAM B44XON B2NKHZVYT6AIGE3XG4SGNETB
20-02	0702	Suitable	30 chr EAM B43OSW D43BOWKFWHDLGKDSDNIL7KQC
20-02	0704	Suitable	30 chr EAM B4IP44 AU25NDSJV34WYWPC2JK7WHLJ
20-02	0716	Suitable	30 chr EAM B4P6PM F5OEGQHQQDN7KQEWOBQSDZCG
20-02	0718	Suitable	30 chr EAM B4AP37 ZK2RBKHCSUIMQ54M7CBQDE5F
20-02	0729	Suitable	30 chr EAM B4AP37 ZK2RBKHCSUIMQ54M7CBQDE5F
20-02	0732	Suitable	30 chr EAM B4P6PM F5OEGQHQQDN7KQEWOBQSDZCG
20-02	0734	Suitable	30 chr EAM B44XON B2NKHZVYT6AIGE3XG4SGNETB
20-02	0800	Suitable	30 chr EAM B4AP37 ZK2RBKHCSUIMQ54M7CBQDE5F
20-02	0802	Suitable	30 chr EAM B4P6PM F5OEGQHQQDN7KQEWOBQSDZCG
20-02	0805	Suitable	30 chr EAM B44XON B2NKHZVYT6AIGE3XG4SGNETB
20-02	0814	Suitable	30 chr EAM ANHLZ7 3NVP12RXXHIHK3UTXE6PNTAZ
20-02	1732	Suitable	30 chr EAM ANNVYF 2AKS7BFESZGLASVGOCVPRZF4
20-02	1759	Suitable	30 chr EAM ANNVYF 2AKS7BFESZGLASVGOCVPRZF4
20-02	1829	Suitable	30 chr EAM ANNVYF 2AKS7BFESZGLASVGOCVPRZF4
20-02	1859	Suitable	30 chr EAM ANNVYF 2AKS7BFESZGLASVGOCVPRZF4
20-02	1904	Suitable	30 chr EAM ANLPBQ 56JYBD4ORGUTCXEW3J3XH6QN
20-02	1929	Suitable	30 chr EAM ANLPBQ 56JYBD4ORGUTCXEW3J3XH6QN
20-02	1932	Suitable	30 chr EAM ANNVYF 2AKS7BFESZGLASVGOCVPRZF4
20-02	1959	Suitable	30 chr EAM ANLPBQ 56JYBD4ORGUTCXEW3J3XH6QN
20-02	2059	Suitable	30 chr EAM ANLPBQ 56JYBD4ORGUTCXEW3J3XH6QN
21-02	0503	Singsong	30 chr EAM ANBGPR 2MEI3LJ56TJGGN4IGWPYDGSX
21-02	0529	Singsong	30 chr EAM ANBGPR 2MEI3LJ56TJGGN4IGWPYDGSX
21-02	0601	Singsong	30 chr EAM ANBGPR 2MEI3LJ56TJGGN4IGWPYDGSX
21-02	0722	Singsong	30 chr EAM AN2XPX D62NWBNA2BUCFPWF6JHOEP3Y
16-02	2000	Sunbath	30 chr EAM B4JPWE 3AOQRXDEN77QTL4CACGW3SHF
16-02	2038	Sunbath	30 chr EAM B4JPWE 3AOQRXDEN77QTL4CACGW3SHF
16-02	2059	Sunbath	30 chr EAM B4JPWE 3AOQRXDEN77QTL4CACGW3SHF
16-02	2113	Sunbath	30 chr EAM for Abram KHO3JH VDAJC24L66QDN6HQICWXLAP
16-02	2244	Sunbath	30 chr EAM B4BDTE DCR6VJ76WPOCFQIVMDG3FPUL
16-02	2247	Sunbath	30 chr EAM B4RRPE EKGDDFHBVOB37TOXHJIZLOJC
16-02	2255	Sunbath	30 chr EAM B4DMBP 3TYULLDGX7W52OJD2JWFNRKM
16-02	2300	Sunbath	30 chr EAM B4DMBP 3TYULLDGX7W52OJD2JWFNRKM
16-02	2302	Sunbath	30 chr EAM B4RRPE EKGDDFHBVOB37TOXHJIZLOJC
16-02	2304	Sunbath	30 chr EAM B4RRPE EKGDDFHBVOB37TOXHJIZLOJC
16-02	2308	Sunbath	30 chr EAM B4BDTE DCR6VJ76WPOCFQIVMDG3FPUL
16-02	2315	Sunbath	30 chr EAM B4CHQC WIBZ5DN6JMMSXPNBK464TEYW
16-02	2317	Sunbath	30 chr EAM B44ST3 IVGYAM4GVAVR6YCZ5X237K5X
16-02	2322	Sunbath	30 chr EAM B4RWIO 4XPPV3LWJSZJCG5ONJ6QWUD2

16-02	2330	Sunbath	30 chr EAM B4VPL5 TXCDUFJ34H7LWEYD5Y5WC2LF
16-02	2332	Sunbath	30 chr EAM B43DIA GKOKUF3DBDSWDK4EZE32RLEO
16-02	2335	Sunbath	30 chr EAM B4DIT3 CBNIN4F73O5247ZE6RZWKFBG
17-02	0417	Abortive	30 chr EAM M5FWK4 OCLVVCBMEZ22QZGUPAMML75C
17-02	1049	Abortive	30 chr EAM for Mumbo-91 M5FSW6 6YXZIAFOPRYQYD7CIAWJTG6
17-02	1416	Abortive	30 chr EAM B4X3DF EDDTCQDL3EUIVJSIBVGYSWNH
17-02	1429	Abortive	30 chr EAM B4X3DF EDDTCQDL3EUIVJSIBVGYSWNH
17-02	1506	Abortive	30 chr EAM B4X3DF EDDTCQDL3EUIVJSIBVGYSWNH
17-02	1530	Abortive	30 chr EAM B4X3DF EDDTCQDL3EUIVJSIBVGYSWNH
17-02	1600	Abortive	30 chr EAM B4X3DF EDDTCQDL3EUIVJSIBVGYSWNH
17-02	1609	Abortive	39 chr EAM M54RDD HTOLHREDSPAWWO4RP7O64BR3TXTW4KPLG
17-02	1623	Abortive	30 chr EAM M5HNCX JBCRFOPWNJ2ONVDAGIKCUWXQ
17-02	1626	Abortive	30 chr EAM B43UE7 4S6UM7U4VIVU6VDUPCXADQKZ
17-02	1632	Abortive	30 chr EAM B4HURB FSYQLVWP3XFHAL3U3DXG2OJB
17-02	1636	Abortive	30 chr EAM B43UE7 4S6UM7U4VIVU6VDUPCXADQKZ
17-02	1659	Abortive	30 chr EAM B4H5JX RYUYBZEHV4DMDGHFQLW3AGHL
17-02	1702	Abortive	30 chr EAM B4HURB FSYQLVWP3XFHAL3U3DXG2OJB
17-02	1704	Abortive	30 chr EAM B43UE7 4S6UM7U4VIVU6VDUPCXADQKZ
17-02	1730	Abortive	30 chr EAM B4HURB FSYQLVWP3XFHAL3U3DXG2OJB
17-02	1732	Abortive	30 chr EAM B43UE7 4S6UM7U4VIVU6VDUPCXADQKZ
17-02	1800	Abortive	30 chr EAM B4HURB FSYQLVWP3XFHAL3U3DXG2OJB
17-02	1802	Abortive	30 chr EAM B43UE7 4S6UM7U4VIVU6VDUPCXADQKZ
17-02	2152	Abortive	30 chr EAM B42P6V KM4YFX4S3EYCGBOF2IJUYQG6
17-02	2155	Abortive	30 chr EAM B42P6V KM4YFX4S3EYCGBOF2IZUYQG6
17-02	2158	Abortive	30 chr EAM B4CVBD DNNDKES3UUQA6HTYRQRWPJCV
17-02	2200	Abortive	30 chr EAM B4I5FN D6S2E34JTNUPY4QHYGB2WHUG
17-02	2203	Abortive	30 chr EAM B4O4SS AIWBGSAERDXQP5743TGQNVXC
17-02	2206	Abortive	30 chr EAM B4O4SS AIWBGSAERDXQP5743TGQNVXC
17-02	2209	Abortive	30 chr EAM B4WN7K ZFAZR7VPL6QKJ6OKKRD4L27S
17-02	2211	Abortive	30 chr EAM B4CVBD DNNDKES3UUQA6HTYRQRWPJCV
17-02	2215	Abortive	30 chr EAM B4WN7K ZFAZR7VPL6QKJ6OKKRD4L27S
17-02	2230	Abortive	30 chr EAM B4WN7K ZFAZR7VPL6QKJ6OKKRD4L27S
17-02	2232	Abortive	30 chr EAM B4O4SS AIWBGSAERDXQP5743TGQNVXC
17-02	2236	Abortive	30 chr EAM B4ZVNL SKKZRG65GO2P3MWJTEKNWR2B
17-02	2239	Abortive	30 chr EAM B4ZVNL SKKZRG65GO2P3MWJTEKNWR2B
17-02	2241	Abortive	30 chr EAM B4WN7K ZFAZR7VPL6QKJ6OKKRD4L27S
17-02	2243	Abortive	30 chr EAM B4O4SS AIWBGSAERDXQP5743TGQNVXC
18-02	0323	Describe	39 chr EAM M5YXKR JPKE5L64DHNLO6JEL02JXK2LY6FQT742K
18-02	0333	Describe	30 chr EAM M5NWW6 2RBP7T4WYTAXQBSYRFHSYGBA
18-02	0342	Describe	30 chr EAM B4MCIV 3DNHI6Z3XLCJP3MTI6BZFPYX
18-02	0400	Describe	30 chr EAM B4MCIV 3DNHI6Z3XLCJP3MTI6BZFPYX
18-02	0432	Describe	30 chr EAM B4MCIV 3DNHI6Z3XLCJP3MTI6BZFPYX
21-02	0729	Singsong	30 chr EAM AN2XPX D62NWBNA2BUCFPWF6JHOEP3Y
21-02	0747	Singsong	30 chr EAM for Artol-23 M5OO73 5DNS3L63PNKYOC62K463LMJH
21-02	0816	Singsong	30 chr EAM ANMHRA B5W35ZXFEJ7RMKNQZ3Y4LWD7
21-02	0830	Singsong	30 chr EAM ANMHRA B5W35ZXFEJ7RMKNQZ3Y4LWD7
21-02	0859	Singsong	30 chr EAM ANMHRA B5W35ZXFEJ7RMKNQZ3Y4LWD7
21-02	0930	Singsong	30 chr EAM ANMHRA B5W35ZXFEJ7RMKNQZ3Y4LWD7
21-02	1000	Singsong	30 chr EAM ANMHRA B5W35ZXFEJ7RMKNQZ3Y4LWD7
21-02	1518	Singsong	30 chr EAM ANI5HO AKZWV5LNJHC4LGSIOFZ5YLSK
21-02	1530	Singsong	30 chr EAM ANI5HO AKZWV5LNJHC4LGSIOFZ5YLSK
21-02	1547	Singsong	30 chr EAM ANDWDA 54STV4HVBWZQFWRTBMDYNXKV
21-02	1600	Singsong	30 chr EAM ANDWDA 54STV4HVBWZQFWRTBMDYNXKV
21-02	1602	Singsong	30 chr EAM ANI5HO AKZWV5LNJHC4LGSIOFZ5YLSK
22-02	0529	Poolhall	30 chr EAM ANBVLH YFX2NO62IVHDHFLNRLGH73OT
22-02	0603	Poolhall	30 chr EAM ANBVLH YFX2NO62IVHDHFLNRLGH73OT
22-02	0625	Poolhall	30 chr EAM ANFT34 73SXCNR2UGEY3KYCAN7EICS
22-02	0630	Poolhall	30 chr EAM ANFT34 73SXCNR2UGEY3KYCAN7EICS
22-02	0632	Poolhall	30 chr EAM ANBVLH YFX2NO62IVHDHFLNRLGH73OT
22-02	0638	Poolhall	30 chr EAM ANECGR RQTT24RSPOT6RN4TZKKWBLPF
22-02	0654	Poolhall	30 chr EAM ANH7HE QQLJD66EYHL2BJ5QK3LVEJNR
22-02	0657	Poolhall	30 chr EAM ANWPVY PBNQDKFLWR56U76BBZQCEFXO

22-02	0700	Poolhall	30 chr EAM ANH7HE QQLJD66EYHL2BJ5QK3LVEJNR
22-02	0703	Poolhall	30 chr EAM ANWPVY PBNQDKFLWR56U76BBZQCEFXO
22-02	0706	Poolhall	30 chr EAM ANH7HE QQLJD66EYHL2BJ5QK3LVEJNR
22-02	0710	Poolhall	30 chr EAM ANECGR RQTT24RSPOT6RN4TZKKWBLPF
22-02	1554	Poolhall	44 chr EAM M52VXL N6Q2NMM5RH6H6GLO2T7BVDQEQ5RFT7CVPHBJ7O
22-02	1618	Poolhall	30 chr EAM for Artesian Well M5YVGE 4JX36Y7ZFXBMQZQZWVZ2EDYA
22-02	1630	Poolhall	39 chr EAM M5OACQ CUHK5BKLC7XGIDKUGICHYWSUWXTCL4YUZ
22-02	1702	Poolhall	30 chr EAM ANMPYD AOCBWHFCLPF22B6GDVVW7G64
22-02	1900	Poolhall	30 chr EAM ANMPYD AOCBWHFCLPF22B6GDVVW7G64
22-02	1930	Poolhall	30 chr EAM ANMPYD AOCBWHFCLPF22B6GDVVW7G64
22-02	2003	Poolhall	30 chr EAM ANMPYD AOCBWHFCLPF22B6GDVVW7G64
22-02	2106	Poolhall	30 chr EAM M5M7KD 6TWPC4VKZ6J2V5GGVNO6GOHS
23-02	0507	Atonement	30 chr EAM ANUTSB TVCWG6UZOXIPVMA64KVGUDWO
23-02	0511	Atonement	30 chr EAM ANZQVP UFDHAJPO6R4DDEKQJRDVRW42
23-02	0513	Atonement	30 chr EAM ANN77F YQPONQUNFIDUUC LXW3Z27LCU
23-02	0536	Atonement	166 chr EAM 3RTFFX 6UBHRGZBTLQHL4ZOSRQ5R4ZDB4UKQVPVQQ72222YLLHTYDROPFS5N5S NALLL53ZW7CLQLLZFVOOBFJFFFFMOY2T2OTTA XRVOOVVVRRRRDVMA2IP2D3LWEBQIIYZYTKA IBP3C6FYJOP2L7HIVZ74DLE3WK2UOT2Y
23-02	0705	Atonement	68 chr EAM 3RQVI3 37DLYTUAQDHUUO4W32HY7WMRQREUK- RPXK6IW5AIJQ43UCQ2TGC63GSQKJS7PY
23-02	1114	Atonement	51 chr EAM M5F17U RSWYNLSUPH6INV36INW3ADVG3KDOZNOYNDVI3KRM2PPNS
23-02	1500	Atonement	30 chr EAM AN55EM 2GDW6SU33UCZ5IU74VBGP06E
23-02	1530	Atonement	30 chr EAM AN55EM 2GDW6SU33UCZ5IU74VBGP06E
23-02	1543	Atonement	30 chr EAM for Betty M5GZBH OPQ3WO5PS6PN7CSXVG6ES443
23-02	1550	Atonement	30 chr EAM for Betty M5ZW22 ECB5XD3K55CPGKTLWMEWCNCC
23-02	1612	Atonement	51 chr EAM M5RHIQ TP3LRFNQXGPUFXNWUFXU6BFGASAXAI5CJBFGUS5E4KKZC
23-02	1817	Atonement	30 chr EAM ANSTQP HKX4IADC5DVKWC4PO6F4NWDR
23-02	1826	Atonement	30 chr EAM ANRJPV XSYRZ47VDDOAU7LIZI2VOK4
23-02	1830	Atonement	30 chr EAM ANRJPV XSYRZ47VDDOAU7LIZI2VOK4
23-02	1832	Atonement	30 chr EAM ANSTQP HKX4IADC5DVKWC4PO6F4NWDR
23-02	1859	Atonement	30 chr EAM ANRJPV XSYRZ47VDDOAU7LIZI2VOK4
23-02	1902	Atonement	30 chr EAM ANSTQP HKX4IADC5DVKWC4PO6F4NWDR
23-02	1930	Atonement	30 chr EAM ANRJPV XSYRZ47VDDOAU7LIZI2VOK4
23-02	1932	Atonement	30 chr EAM ANSTQP HKX4IADC5DVKWC4PO6F4NWDR
23-02	1934	Atonement	102 chr EAM 3RE44C H2CEAHLA2QIV7TAZVALQLJLTROAA64WZGGMBQYOOQDT63C6AE633Q S2 RSPH CA2N4J 2OOHXOF5Y44G533S47NZZBMMA6ZX7Z
23-02	2000	Atonement	30 chr EAM ANRJPV XSYRZ47VDDOAU7LIZI2VOK4
23-02	2002	Atonement	30 chr EAM ANSTQP HKX4IADC5DVKWC4PO6F4NWDR
23-02	2103	Atonement	30 chr EAM for Idle M5C42B P335N3VUTNVQAMMRII4EAUZP
23-02	2152	Atonement	30 chr EAM ANYB37 QRMHPBMFPOPVFKJPHEIVU7OD
23-02	2200	Atonement	30 chr EAM ANYB37 QRMHPBMFPOPVFKJPHEIVU7OD
24-02	0033	Loyal Son	30 chr EAM ANB6OM DFVA2QBKUIZBFDS4TH6OWBYE
24-02	0103	Loyal Son	30 chr EAM ANB6OM DFVA2QBKUIZBFDS4TH6OWBYE
24-02	0132	Loyal Son	30 chr EAM ANB6OM DFVA2QBKUIZBFDS4TH6OWBYE
24-02	0200	Loyal Son	30 chr EAM ANB6OM DFVA2QBKUIZBFDS4TH6OWBYE
24-02	0217	Loyal Son	30 chr EAM ANNOWU PUJNBPRIKDWWUSWDUICOQHJF
24-02	0230	Loyal Son	30 chr EAM ANNOWU PUJNBPRIKDWWUSWDUICOQHJF
24-02	0233	Loyal Son	30 chr EAM ANB6OM DFVA2QBKUIZBFDS4TH6OWBYE
24-02	0300	Loyal Son	30 chr EAM ANNOWU PUJNBPRIKDWWUSWDUICOQHJF
24-02	0330	Loyal Son	30 chr EAM ANNOWU PUJNBPRIKDWWUSWDUICOQHJF
24-02	2037	Loyal Son	34 chr EAM M5QCL5 2QFKI2DID6P7Z3ULJUBHZZQPOXPT
25-02	0302	Iron Lung	30 chr EAM ANSZ6H 463WUSTPPVH4ZXTKGQUGK3FZ
25-02	0340	Iron Lung	30 chr EAM ANSZ6H 463WUSTPPVH4ZXTKGQUGK3FZ
25-02	0400	Iron Lung	30 chr EAM ANSZ6H 463WUSTPPVH4ZXTKGQUGK3FZ
25-02	0500	Iron Lung	30 chr EAM ANSZ6H 463WUSTPPVH4ZXTKGQUGK3FZ
25-02	0746	Iron Lung	30 chr EAM for for Targo-47 M5BFIO FTNQZHNVNBNQHR6SMETQAGJT5
25-02	0817	Iron Lung	30 chr EAM ANUEHW AU2FJZYJ3SUBDFWAYCNOMBJW
25-02	0900	Iron Lung	30 chr EAM ANUEHW AU2FJZYJ3SUBDFWAYCNOMBJW
25-02	0930	Iron Lung	30 chr EAM ANUEHW AU2FJZYJ3SUBDFWAYCNOMBJW
25-02	1000	Iron Lung	30 chr EAM ANUEHW AU2FJZYJ3SUBDFWAYCNOMBJW
25-02	1659	Iron Lung	30 chr EAM ANMVQH AGAZKHFCDYQSVYUBAVFSB473
25-02	1702	Iron Lung	30 chr EAM ANWMRC DEVPSOLTLW32TQBFNKNHDMRI

25-02	1706	Iron Lung	30 chr EAM ANAP3Q WO4P3647AABQICPJWJBWEH7L
25-02	1710	Iron Lung	30 chr EAM ANAWXX F5EX6SWT73EJ7WXFI2IBVWDF
25-02	1716	Iron Lung	30 chr EAM ANWMRC DEVPSOLTLW32TQBFNKNHDMRI
25-02	1729	Iron Lung	30 chr EAM ANWMRC DEVPSOLTLW32TQBFNKNHDMRI
25-02	1830	Iron Lung	30 chr EAM ANWEV2 QJ6CLCUVBPWDBJPS2GOXDHJQ
25-02	1900	Iron Lung	30 chr EAM ANWEV2 QJ6CLCUVBPWDBJPS2GOXDHJQ
25-02	1930	Iron Lung	30 chr EAM ANWEV2 QJ6CLCUVBPWDBJPS2GOXDHJQ
25-02	2000	Iron Lung	30 chr EAM ANWEV2 QJ6CLCUVBPWDBJPS2GOXDHJQ
25-02	2046	Iron Lung	30 chr EAM ANGGES NLETVK5TUNC6734PX4LGXR74
25-02	2100	Iron Lung	30 chr EAM ANGGES NLETVK5TUNC6734PX4LGXR74
25-02	2130	Iron Lung	30 chr EAM ANGGES NLETVK5TUNC6734PX4LGXR74
25-02	2202	Iron Lung	30 chr EAM ANGGES NLETVK5TUNC6734PX4LGXR74
25-02	2230	Iron Lung	30 chr EAM ANGGES NLETVK5TUNC6734PX4LGXR74
26-02	0303	Iron Lung	30 chr EAM ANWCYT QPGXMJ3WIR34OCW6AUQXLOY3
26-02	0308	Fistfull	30 chr EAM ANWCYT QPGXMJ3WIR34OCW6AUQXLOY3
26-02	0330	Fistfull	30 chr EAM ANWCYT QPGXMJ3WIR34OCW6AUQXLOY3
26-02	0400	Fistfull	30 chr EAM ANWCYT QPGXMJ3WIR34OCW6AUQXLOY3
26-02	0430	Fistfull	30 chr EAM ANWCYT QPGXMJ3WIR34OCW6AUQXLOY3
26-02	0500	Fistfull	30 chr EAM ANWCYT QPGXMJ3WIR34OCW6AUQXLOY3
26-02	0632	Fistfull	30 chr EAM ANOXNT KXCZGQV66BXLXVBVU324CLD3
26-02	0800	Fistfull	30 chr EAM ANOXNT KXCZGQV66BXLXVBVU364CLD3
26-02	0830	Fistfull	30 chr EAM ANOXNT KXCZGQV66BXLXVBVU364CLD3
26-02	1816	Fistfull	30 chr EAM ANCQYF IV6NTJGEW54RAKE3PEZAFXW6
26-02	2300	Fistfull	30 chr EAM ANCQYF IV6NTJGEW54RAKE3PEZAFXW6
26-02	2330	Fistfull	30 chr EAM ANCQYF IV6NTJGEW54RAKE3PEZAFXW6
27-02	0000	Alphabet	30 chr EAM ANCQYF IV6NTJGEW54RAKE3PEZAFXW6
27-02	0030	Alphabet	30 chr EAM ANCQYF IV6NTJGEW54RAKE3PEZAFXW6
27-02	0050	Alphabet	30 chr EAM ANCQYF IV6NTJGEW54RAKE3PEZAFXW6
27-02	1432	Alphabet	30 chr EAM ANPQQS ZT6MMZ3U5Y6ZVXJW74QHGNZL
27-02	1500	Alphabet	30 chr EAM ANPQQS ZT6MMZ3U5Y6ZVXJW74QHGNZL
27-02	1509	Alphabet	68 chr EAM 3REVRG 7GINR6G7RI35TEBQCBYZTZRIBP3CEFYJOPAL7HIVU74DLEOWL7WMSQQ A7L6AA
27-02	1513	Alphabet	30 chr EAM ANPQQS ZT6MMZ3U5Y6ZVXJW74QHGNZL
27-02	1717	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	1730	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	1734	Alphabet	30 chr EAM ANJA7C TFMN6SOXLHXVOXWE4U32QBA5
27-02	1736	Alphabet	30 chr EAM ANCWLK NYEUW7HPZ6L35CS6PTCMJK4F
27-02	1808	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	1812	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	1815	Alphabet	30 chr EAM ANJA7C TFMN6SOXLHXVOXWE4U32QBA5
27-02	1818	Alphabet	30 chr EAM ANCWLK NYEUW7HPZ6L35CS6PTCMJK4F
27-02	1830	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	1832	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	1834	Alphabet	30 chr EAM ANJA7C TFMN6SOXLHXVOXWE4U32QBA5
27-02	1900	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	1902	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	1905	Alphabet	30 chr EAM ANJA7C TFMN6SOXLHXVOXWE4U32QBA5
27-02	1930	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	1933	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	1936	Alphabet	30 chr EAM ANJA7C TFMN6SOXLHXVOXWE4U32QBA5
27-02	2000	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	2003	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	2006	Alphabet	30 chr EAM ANJA7C TFMN6SOXLHXVOXWE4U32QBA5
27-02	2030	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	2032	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	2034	Alphabet	30 chr EAM ANJA7C TFMN6SOXLHXVOXWE4U32QBA5
27-02	2100	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	2103	Alphabet	30 chr EAM ANVCSQ AQAHCZ6ZNYGE7HBCB2XPQ4TU
27-02	2106	Alphabet	30 chr EAM ANJA7C TFMN6SOXLHXVOXWE4U32QBA5
27-02	2112	Alphabet	30 chr EAM AN6JXT 32S2YWYGV3GERKVEUGYZ6RQ3
27-02	2130	Alphabet	30 chr EAM AN6JXT 32S2YWYGV3GERKVEUGYZ6RQ3
27-02	2132	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA

27-02	2136	Alphabet	30 chr EAM ANVCSQ AQAH CZ6ZNYGE7HBCB2XPQ4TU
27-02	2200	Alphabet	30 chr EAM AN6JXT 32S2YWYGV3GERKVEUGYZ6RQ3
27-02	2202	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	2204	Alphabet	30 chr EAM ANVCSQ AQAH CZ6ZNYGE7HBCB2XPQ4TU
27-02	2230	Alphabet	30 chr EAM AN6JXT 32S2YWYGV3GERKVEUGYZ6RQ3
27-02	2233	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	2236	Alphabet	30 chr EAM ANVCSQ AQAH CZ6ZNYGE7HBCB2XPQ4TU
27-02	2242	Alphabet	30 chr EAM ANNB6I NPJ4SDDWWX5HULNEPQAY4LMR
27-02	2300	Alphabet	30 chr EAM ANNB6I NPJ4SDDWWX5HULNEPQAY4LMR
27-02	2302	Alphabet	30 chr EAM AN6JXT 32S2YWYGV3GERKVEUGYZ6RQ3
27-02	2305	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
27-02	2330	Alphabet	30 chr EAM ANNB6I NPJ4SDDWWX5HULNEPQAY4LMR
27-02	2333	Alphabet	30 chr EAM ANNB6I NPJ4SDDWWX5HULNEPQAY4LMR
27-02	2335	Alphabet	30 chr EAM ANZJXH SEZDKCTJNN6KV2MSAVQUYNFA
28-02	0000	Molecule	30 chr EAM ANNB6I NPJ4SDDWWX5HULNEPQAY4LMR

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, F5JBR, JPL, KI3C, Tom, Hutch, Geoff, Cic, PP1

Strategic messages

7523 kHz, 03-02, 0814 UTC RBL88: XXX LR43 TEKhNICHESKAYa PROWERKA 592 K
7523 kHz, 03-02, 0816 UTC RBL88 wkg RBL90 RFN69 RFN77 RGR99 (All outstations acknowledge receipt
XXX LR43 TEKhNICHESKAYa PROWERKA 592 K) radio checks
7859 kHz, 11-02, 0926 UTC XXX QN8E 19508 BROM 5260 7206 OTSTAIWANXE 1684 9688 NETOChNOSTX 9693 4920 K
//7789, 7680, 7969 kHz
7859 kHz, 11-02, 0930 UTC XXX XHOP 91312 STANOWLENXE 3661 5124 K //7789, 7680, 7969 kHz
6386 kHz, 11-02, 0936 UTC PLISOFEN 7268 3173 WAZOChKA 2731 8511 K
6199 kHz, 11-02, 0940 UTC XXX VD9B 45094 LEWATNKIJ 4855 1355 K
5779 kHz, 11-02, 0942 UTC XXX NVTI 71232 TOKOSXEMNIK 6373 2890 K
5885 kHz, 11-02, 0946 UTC XXX VD9B 32556 AKYNOSRAM 3517 3096 K //6199 kHz
6199 kHz, 11-02, 0950 UTC XXX KDB2 75124 RASOChKA 6472 7522 K
6199 kHz, 11-02, 1018 UTC XXX OMAU 67775 OLUHORIFT 2580 3842 K //5885 kHz
8114 kHz, 14-02, 0659 UTC XXX XXX H7Q6 H7Q6 AY9X AY9X 0383 8305 IAM 03994 RIALOFUT 7483 1858 K

Monolith stations

Channel markers

11-02, 1800 UTC, the buzzer is back to its old normal buzzing sound

Voice transmissions

Russian Military voice traffic

Znamya is back. It has a Mon-Fri schedule at ca 1410 UTC on 5045 kHz. Female operator and sometimes a male operator.

25-02, 1413 UTC Male operator. 12345678910 tehnicaskaya proverka svyazi, peredayu eshche dlya nastrojki (connection
check, sending again for tuning) 12345678910
Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7582. 16 chasov 15 minut konec svyazi.
28-02, 1411 UTC Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9362. 16 chasov 13 minut konec svyazi

Morse transmissions

Russian Military morse traffic

6552 kHz, 11-02, 0957 UTC

ET3T DE 9UBP QTC 05 04 0222 =
3607 2018 5287 7229 K

6552 kHz, 11-02, 1003 UTC

ET3T DE L3TL QSA ? QSA 3 K
QTC K
L3TL 03 18 1246 = 7337 0807 2035 3216 0010 1768 3000 1792 0250 3049 0002 4406 5003 1500 0330 0035 6345 3044 K

8830 kHz, 11-02, 1043 UTC. QSX on 8821 kHz

ET3T DE 9UBP QTC 08 07 1332 = 4605 3383 7242 4170 4020 6980 5285 K

6552 kHz, 11-02, 1052 UTC. QSX 8821 UTC

ET3T DE L3TL QSA ? QSA 3 K
QTC K
L3TL 06 07 1347 = 9759 8750 2315 0211 6693 8043 4885 K

3363.5 kHz, 14-02, 1833 UTC, i.p.

4GMD DE MU4M QSA ? K
EJC8 DE MU4M QSA ? K
L1G7 DE MU4M K
L1G7 K
QSA ? K
QSA 3 K
R K
Y9YS DE MU4M K
Y9YS K
QSA ? K
QSA 3 K
R K
X7CD DE MU4M K
X7CD K
QSA ? K
QSA 3 K
R K

Russian Navy morse traffic

8345 kHz, 02-02, 0318 UTC. RMCC - tug Evgeny Khorov

RMC99 811 25 2 0602 811 = SML FOR RIT RMP RIW =
11111 85307 51369 27981 48228 70446 32626 04435
02743 54405 20575 01636 36624 82686 18244 04192
37718 13310 79519 22389 02020
= AR RMC99

8345 kHz, 03-11, 1206 UTC

DE RMC99 323 16 3 1500 323 = SML FOR RJH45 RJH74 RJD38 =
03141 99497 70007 41597 82011 10100 40180 56030 70522 88555 22200 03011 =
+ RMC99 K

12152 kHz, 08-02, 0735 UTC

M79Z = 11470 64815 18162 71507 24853 81337 34683 84890 41375 08020 K
Q... DE M79Z QTC K
M79Z 013 22 810 35 013 =
675 =
70864 27348 83831 37178 90523 ...

9228 kHz, 08-02, 0749 UTC

46533 03890 14931 90276 41922 775114 26679 74969 52505 29356 67320 47475
53279 01702 03351 00690 63912 19835 31187 35324 48195 23066 74576 05899
84045 99478 82484 45934 08042 719 K K
NPFQ QRU K
NPFQ OK ZCA ZQH ZHO ZGD ZHH ZQY K
NPFQ OK AS 2 K

8821 kHz, 26-02, 0630 UTC S marker (R5)

8821 kHz, 26-02, 0700 UTC S marker (R5)

CMV9 NRT2 = 5501 K
Y4SD CMV9 K
CMV9 NRT2 = 5501 K

8821 kHz, 26-02, 0730 UTC S marker (R5)

8821 kHz, 26-02, 0800 UTC S marker (R5)

CMV9 QRV K
CMV9 OK NRT2 K
CMV9 RPT NRT2 K
CMV9 NRT2 K
CMV9 QRV K

8830 kHz, 26-02, 0707 UTC

CMV9 RPT K

8821 kHz, 28-02, 1100 UTC S marker (R5)

Russian Naval Air Transport morse traffic

8816 kHz, 14-02, 1258 UTC. 52853 wkg RJC38 RJF94

QTC 52853 QTO 1230 QRD XLWF XUMO QRE 1345 QBD 0500 RPT AL K

Russian Air Force morse traffic

On February 2nd, two Russian Navy Tu-142 Bears and two Russian Air Force Tu-95 Bears entered the UK area of interest.

STV News reported:

RAF jets were scrambled to intercept four Russian bombers off the north of Scotland.

Typhoons from RAF Lossiemouth were sent from their base near Moray, as four Russian Bear aircraft approached the UK area of interest on Wednesday.

The mission was supported by a Voyager Tanker from RAF Brize Norton.

The RAF Typhoons escorted the Russian aircraft, which were two Tu-95 Bear H and two Tu-142 Bear F, out of the UK's area of interest.

Full message on [news.stv.tv/north/raf-typhoons-scramble-to-intercept-unidentified-aircraft](https://www.stv.tv/north/raf-typhoons-scramble-to-intercept-unidentified-aircraft)

The following radio traffic was related to the above mentioned activity.

8110 kHz, 02-02, 1600 UTC W Marker
8990 kHz, 02-02, 1600 UTC IWV4 DE ELT9, F76Y DE ELT9
8821 kHz, 02-02, 1330 UTC S Marker (R5)
8821 kHz, 02-02, 1400 UTC S Marker (R5)
8821 kHz, 02-02, 1430 UTC S Marker (R5)
8821 kHz, 02-02, 1500 UTC S Marker (R5)
8821 kHz, 02-02, 1530 UTC S Marker (R5)
8821 kHz, 02-02, 1600 UTC S Marker (R5)
8821 kHz, 02-02, 1630 UTC S Marker (R5)
8821 kHz, 02-02, 1700 UTC S Marker (R5)
8821 kHz, 02-02, 1730 UTC S Marker (R5)
8821 kHz, 02-02, 1800 UTC S Marker (R5)
8821 kHz, 02-02, 1444 UTC WP7C DE ET3T K

8821 kHz, 02-02, 1448 UTC Q3Z1 DE ET3T K

8821 kHz, 02-02, 1406 UTC

WP7C DE ET3T K

Q3Z1 DE ET3T K

8830 kHz, 02-02, 1426 UTC

ET3T DE Q3Z1 K

ET3T DE Q3Z1 QTC 07 20 1719 =

6417 1373 2738 4290 1084 7523 1401 1625 6181 8876

0217 4005 6137 2245 5010 1500 0160 0090 3379 6074 K

8112 kHz, 02-02, 1600 UTC W Marker (R2)

8990 kHz, 02-02, 1602 UTC

IWV4 DE ELT9 K

F76Y DE ELT9 K

8990 kHz, 02-02, 1628 UTC

F76Y DE ELT9 K

F76Y DE ELT9 K

IWV4 DE ELT9 K

ZF83 DE ELT9 K

8821 kHz, 03-02, 1700 UTC S marker (R5)

8830 kHz, 03-02, 1704 UTC 4FG message to 9UBP. Reply on 8821 kHz: T3T R 17 k

8112 kHz, 14-02, 1340 UTC W marker

8112 kHz, 14-02, 1400 UTC W marker

8112 kHz, 14-02, 1420 UTC W marker

8112 kHz, 14-02, 1440 UTC W marker

Reports from the Polish archives, part II by Anonymous Archivist

The Anonymous Archivist searched and found more interesting documents. He says "It will take some time to get through this. According to the index descriptions - all communist block countries were keeping a common database for naming transmitter sites, communication networks and schedules of western intelligence agencies."

A fun fact that I found - not all transmissions used One Time Pads - some valuable agents used books and poems as crypto material because they couldn't safely store any OTP sheets. But still - those non OTP algorithms were pretty complicated.

More interesting information was found; valid at least until 1987:

- there was (is?) a serious effort to conceal the real number of recipients, so they were running a lot of dummy recipients, test transmissions, etc. Later when a new agent was added they inherited one of those "dummy" recipient IDs. On average they tried to keep about 38 transmissions per agent.
- two digit recipient number indicates only a "group" of agent with similar azimuth location (from the transmitter point of view). Third digit indicates the proper recipient and type of message, so after the first few numbers the recipient can know if the message is a priority one for them or some dummy one.
- recipient group number alternated every 2 weeks, so one recipient can have (more/less) 20 different recipients IDs.

Example:

2 Agents in south Germany - groups 68 and 71 alternating every two weeks (68 first two weeks, 71 second two weeks).

Third digit meaning:

Agent 1 - 2 - individual message

Agent 1 - 4 - "official message"

Agent 1 - 5/6/7/8/9/0 - test/dummy messages

Agent 2 - 0/7 - individual message

Agent 2 - 1/3 - group message

Possible ID's for Agent 1:

682 (individual message, first half of month)

680 (dummy message, first half of month)

714 (official message, second half of month)

Possible ID's for Agent 2:

680 (individual message, first half of the month)

711 (group message, second half of the month).

The Archivist comments: "I didn't yet properly understand how they handle ID range conflicts between agents in groups. It is explained in the docs but it's pretty convoluted."

Also – the last group transmitted in the transmission is the "index group" indicating the page of the codebook where to take the decryption keys. And the first group (after ID) is the "raw" OTP encryption group used to validate by both parties if they have the proper codebook. This one encryption group is of course not used anymore - encryption starts from the second group.

Transmitter sites

The documents also tell us things that we knew already unofficially, and now officially.

Since from 1974 (more or less) until at least 1989 agent radio communication of polish intelligence (Zarząd II Sztabu Generalnego - military intel) was handled by a transmitter site located in Janówek (now called Janówek Pierwszy) - north of Warsaw. Link to satellite photo at the end of the email. You need to watch it on Bing because all other services have this blurred out.

The military unit which handled agent comms had a designation JW4617 - this was a part of military unit JW3151 in Janówek which was called (Węzeł Łączności Communication Node) - those communication nodes were owned and dedicated to intelligence agency.

At the Janówek site there were many other units and training sites so it was conveniently convoluted to see what was really there.

All agent messages were created and encrypted at the Cryptography Office and then sent to JW4617 along with callsign, frequency, schedule, and azimuth to beam to the agent.



© Bing <https://www.bing.com/maps?osid=793b6cd3-243b-4067-b469-324c3b2a27a2&cp=52.445058~20.794245&lvl=17&style=h&v=2&sV=2&form=S00027>

This site and a nearby one (radio site in Falenty) was renovated circa 2017 - new antenna fields.

We described the Polish transmitter sites years ago in [N&O #203](#). The archives also hold information about some of the sites mentioned in N&O #203. This is what we know now:

Transmitter at Karmazynowa street - this site belongs to the Ministry of Foreign Affairs since 1960's. The antenna field is defunct since at least 2013 - the only mast left there is used for local microwave transmissions.

Warszawa Radio at Radiowek city site - this belonged to the Ministry of Telecommunication and while was heavily involved in government activity, there is no proof it was used by any intelligence agency on a regular basis.

The Archivist continues: "I didn't know about "Chotomow" site until today, but I was able to dig a lot from the official land ownership registry. The owner of the land is indeed SWW (military intel). They acquired the land in 1967. In 2011 they bought forest on the other side of the road (i assume to maintain better secrecy as a lot of residential homes started to appear nearby). What is most interesting - according to the aerial photo archive - all sites - Janowek, Falenty and Chotomow were having serious renovations at the same time - around 2017-2018. So there is a strong indicator that those 3 sites are a part of a common complex."

LOGS SECTION

Code	Freq.	Date	UTC	Day	Details	Bode	Contributor
---	7055	15-2	1510	Tue	Radio war. The usual foul mouthed Russian and Ukrainian hooligans with anti Russian/anti Ukrainian slogans and propaganda.	LSB	(AB)
---	7055	22-2	1440	Tue	Radio war. Mainly anti Russia slogans.	LSB	(AB)
---	7055	24-2	1250	Thu	Russian or pro-Russian hooligans glorify the attack on Ukraine	LSB	(AB)
---	4625	26-2	1824	Sat	Ukraine National Anthem on top of the buzzer	USB	(AB)
---	4397	26-2	1841	Sat	Rooster jammer, jamming the Russian military comms in Ukraine	USB	(AB)
---	5331	26-2	2000	Sat	Rooster jammer, jamming the Russian military comms in Ukraine	USB	(AB)
---	4029.5	26-2	2035	Sat	Screaming woman & rooster jammer, jamming Russian military comms in Ukraine	USB	(AB)
---	7055	27-2	0624	Sun	Radio war. German rap: Eins zwei drei Russia Schwein. Eins zwei drei Moskau Schwein. Then in Russian voice anti Russia talk: Russkaya svin'ya etc.	LSB	(AB)
---	5175	27-2	0637	Sun	Screaming woman & Squealing pigs jammer, jamming Russian military comms in Ukraine	USB	(ES-POL)
---	7050	27-2	0710	Sun	Radio war. Anti Russia talk: Russkaya svin'ya etc.	LSB	(AB)
---	4625	27-2	1600	Sun	Unid sending: Message to the Russian troops. Stop being Putins puppets and walk away. Peace is the only option. With love	CW	(Tom)
---	7933	28-2	1033	Mon	Squealing pigs jammer	USB	(AB)
---	9741	28-2	1040	Mon	Russian military in Ukraine, radio checks	ISB	(AB)
---	9741	28-2	1110	Mon	Russian military in Ukraine passing messages: 940 734 214 418 743 80 744 410 740 482 418 743 998 940 588 515 34 kak prinyal priyom (how did you read me, over)	ISB	(AB)
---	7055	28-2	1504	Mon	Radio war. Many stations on top of each other. People yelling.	LSB	(AB)
---	5125	28-2	1532	Mon	Ukrainian resistance: Ukrayini slava (Ukraine glory)	USB	(AB)
---	5125	28-2	1703	Mon	Ukrainian resistance: Go back home to Russia. Ukrayini slava (Ukraine glory)	USB	(AB)
---	7055	28-2	1713	Mon	Radio war. Glory to the Ukraine. Music, slogans.	LSB	(AB)
---	4629	28-2	1727	Mon	Songs about Ukraine. Guy talking to someone. Not heard on the same freq.	USB	(AB)
---	7933	28-2	1740	Mon	Russian military in Ukraine: Lampas-38 clg several stations	USB	(AB)
---	5125	28-2	1743	Mon	Ukrainian resistance: Ukrayini slava (Ukraine glory) and the squeaking pigs jammer on top	USB	(AB)
---	7933	28-2	1746	Mon	Unid station sending I AM THE JAMMER JAMMER 0123456789	CW	(AB)
---	7933	28-2	1818	Mon	Ukrainian resistance: Putin proigryvayet voynu idi domoy. Putin v proigryshe voyny idi domoy posle proigrysha voyny domoy	USB	(DF4OR)
---	7933	28-2	1826	Mon	Ukrainian resistance: begite domoy k putinu proigrav voynu my pobedim. tak chto poka my naydem vykhod.	USB	(DF4OR)
---	7055	28-2	1900	Mon	Radio war loop tape: Glory to Ukraine! Smert' Russkim natsistskim svin'yam! smert' agressoram, okkupantam, Putina idite na khuyla	USB	(AB)
---	4628.5	28-2	2335	Mon	Waterfall text: SLAWA UKRAINI, PUTIN STOP WAR	USB	(KH)
DPRK	13333	3-2	1408	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11045	4-2	0830	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11044	18-2	0831	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11047	18-2	0831	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	10628	1-2	0210	Tue	537 860 41 31584 36358 64045 ... 20016 68221 86969 860 41 00000	USB	(PY)

E06	10628	1-2	0210	Tue	537 860 41 31584 36358 64045 ... 20016 68221 86969 860 41 00000	USB	(PY)
E06	10628	3-2	0210	Thu	537 196 42 43863 68863 61378 ... 06813 35487 59307 196 42 00000	USB	(PY)
E06	15683	3-2	0300	Thu	361 287 33 53032 24966 90682 ... 29221 26255 21163 287 33 00000	USB	(PY/HFD)
E06	14364	3-2	0310	Thu	537 196 42 43863 68863 61378 ... 06813 35487 59307 196 42 00000	USB	(PY)
E06	13373	3-2	0400	Thu	361 287 33 53032 24966 90682 ... 29221 26255 21163 287 33 00000	USB	(PY)/HFD)
E06	17480	3-2	0600	Thu	702 684 59 91775 31592 36609 ... 77972 55175 45844 684 59 00000	USB	(HFD-RUS)
E06	20085	3-2	0700	Thu	702 684 59 91775 31592 36609 ... 77972 55175 45844 684 59 00000	USB	(AB-RUS/HFD-RUS)
E06	9463	3-2	0740	Thu	801 392 50 61632 59290 83804 ... 32516 78056 83129 392 50 00000 Restarts during the message	USB	(AB)
E06	10628	4-2	0210	Fri	537 196 42 43863 68863 61378 ... 06813 35487 59307 196 42 00000	USB	(PY)
E06	15683	4-2	0300	Fri	361 287 33 53032 24966 90682 ... 29221 26255 21163 287 33 00000	USB	(PY)
E06	14364	4-2	0310	Fri	537 196 42 43863 68863 61378 ... 06813 35487 59307 196 42 00000	USB	(PY)
E06	13373	4-2	0400	Fri	361 287 33 53032 24966 90682 ... 29221 26255 21163 287 33 00000	USB	(PY)
E06	20085	4-2	0700	Fri	702 684 59 91775 31592 36609 ... 77972 55175 45844 684 59 00000	USB	(AB-RUS)
E06	9371	8-2	1145	Tue	352 694 51 96906 85458 66315 ... 85214 10109 24262 694 51 00000	USB	(RO)
E06	15683	10-2	0300	Thu	361 950 34 40150 86731 06896 ... 65528 34732 35425 950 34 00000	USB	(PY)
E06	13373	10-2	0400	Thu	361 950 34 40150 86731 06896 ... 65528 34732 35425 950 34 00000	USB	(PY)
E06	15683	11-2	0300	Fri	361 950 34 40150 86731 06896 ... 65528 34732 35425 950 34 00000	USB	(PY)
E06	13373	11-2	0400	Fri	361 950 34 40150 86731 06896 ... 65528 34732 35425 950 34 00000	USB	(PY)
E06	10628	14-2	0210	Mon	537 208 43 14424 46797 42649 ... 89191 66551 34877 208 43 00000	USB	(PY)
E06	14364	14-2	0310	Mon	537 208 43 14424 46797 42649 ... 89191 66551 34877 208 43 00000	USB	(PY/HFD)
E06	10628	15-2	0210	Tue	537 208 43 14424 46797 42649 ... 89191 66551 34877 208 43 00000	USB	(PY/HFD)
E06	14364	15-2	0310	Tue	537 208 43 14424 46797 42649 ... 89191 66551 34877 208 43 00000	USB	(PY)
E06	15683	17-2	0300	Thu	361 247 35 52570 25224 48298 ... 26758 07319 16918 247 35 00000	USB	(PY)
E06	13373	17-2	0400	Thu	361 247 35 52570 25224 48298 ... 26758 07319 16918 247 35 00000	USB	(PY)
E06	17470	17-2	0600	Thu	702 934 51 58378 42024 81437 ... 01908 76563 96782 934 51 00000	USB	(AB-RUS)
E06	20085	17-2	0700	Thu	702 934 51 58378 42024 81437 ... 01908 76563 96782 934 51 00000	USB	(AB-KWT)
E06	15683	18-2	0300	Fri	361 247 35 52570 25224 48298 ... 26758 07319 16918 247 35 00000	USB	(PY)
E06	13373	18-2	0400	Fri	361 247 35 52570 25224 48298 ... 26758 07319 16918 247 35 00000	USB	(PY)
E06	17470	18-2	0600	Fri	702 934 51 58378 42024 81437 ... 01908 76563 96782 934 51 00000	USB	(AB-RUS)
E06	20085	18-2	0700	Fri	702 934 51 58378 42024 81437 ... 01908 76563 96782 934 51 00000	USB	(AB-KWT)
E06	6792	19-2	1540	Sat	Several restarts. 910 647 23 96616 54259 ... 56130 70131 75027 647 23 00000	USB	(linkz)
E06	10628	21-2	0210	Mon	537 169 44 56269 15988 50390 ... 71252 04503 88023 169 44 00000	USB	(PY)
E06	14364	21-2	0310	Mon	537 169 44 56269 15988 50390 ... 71252 04503 88023 169 44 00000	USB	(PY)
E06	10628	22-2	0210	Tue	537 169 44 56269 15988 50390 ... 71252 04503 88023 169 44 00000	USB	(PY)
E06	14364	22-2	0310	Tue	537 169 44 56269 15988 50390 ... 71252 04503 88023 169 44 00000	USB	(PY)
E06	15683	24-2	0300	Thu	361 589 36 18059 99759 66081 ... 79979 39619 16003 589 36 00000	USB	(PY)
E06	13373	24-2	0400	Thu	361 589 36 18059 99759 66081 ... 79979 39619 16003 589 36 00000	USB	(PY)
E06	15683	25-2	0300	Fri	361 589 36 18059 99759 66081 ... 79979 39619 16003 589 36 00000	USB	(PY)
E06	13373	25-2	0400	Fri	361 589 36 18059 99759 66081 ... 79979 39619 16003 589 36 00000	USB	(PY)
E06	10628	28-2	0210	Mon	537 820 45 66301 39663 80573 ... 56131 09901 59215 820 45 00000	USB	(PY)
E06	14364	28-2	0310	Mon	537 820 45 66301 39663 80573 ... 56131 09901 59215 820 45 00000	USB	(PY)

E06b	10755	2-2	0840	Wed	975 46918 164 30 74119 83038 37780 ... 34378 51136 10022 164 30 00000 Several restarts during the message	USB	(RO-P)
E07	15823	1-2	0700	Tue	836 836 836 000	USB	(AB/HFD)
E07	16323	1-2	0720	Tue	836 836 836 000	USB	(AB/HFD)
E07	8144	2-2	1800	Wed	197 197 197 000	USB	(AB/MPJ/HFD)
E07	6944	2-2	1820	Wed	197 197 197 000	USB	(AB/MPJ/HFD)
E07	13368	3-2	1410	Thu	745 745 745 1 1669 54 1669 54 94427 26640 70366 ... 31262 51037 29048 000 000	USB	(AB)
E07	12168	3-2	1430	Thu	745 745 745 1 1669 54 1669 54 94427 26640 70366 ... 31262 51037 29048 000 000	USB	(AB)
E07	11168	3-2	1450	Thu	745 745 745 1 1669 54 1669 54 94427 26640 70366 ... 31262 51037 29048 000 000	USB	(AB)
E07	15823	4-2	0700	Fri	836 836 836 000	USB	(AB)
E07	16323	4-2	0720	Fri	836 836 836 000	USB	(AB)
E07	11464	5-2	1400	Sat	472 472 472 000	USB	(AB/MPJ/HFD)
E07	13368	5-2	1410	Sat	745 745 745 1 1669 54 1669 54 94427 26640 70366 ... 31262 51037 29048 000 000	USB	(AB/MPJ/HFD)
E07	10764	5-2	1420	Sat	472 472 472 000	USB	(AB/MPJ/HFD)
E07	12168	5-2	1430	Sat	745 745 745 1 1669 54 1669 54 94427 26640 70366 ... 31262 51037 29048 000 000	USB	(AB/MPJ/HFD)
E07	11168	5-2	1450	Sat	745 745 745 1 1669 54 1669 54 94427 26640 70366 ... 31262 51037 29048 000 000	USB	(AB/MPJ/HFD)
E07	9326	6-2	0700	Sun	345 345 345 000	USB	(AB/HFD)
E07	10426	6-2	0720	Sun	345 345 345 000	USB	(AB/HFD)
E07	8144	6-2	1800	Sun	197 197 197 000	USB	(AB)
E07	6944	6-2	1820	Sun	197 197 197 000	USB	(AB)
E07	15823	8-2	0700	Tue	836 836 836 1 3398 101 3398 101 53614 82271 96046 ... 64330 92080 39195 000 000	USB	(AB)
E07	16323	8-2	0720	Tue	836 836 836 1 3398 101 3398 101 53614 82271 96046 ... 64330 92080 39195 000 000	USB	(AB)
E07	16323	8-2	0740	Tue	836 836 836 1 3398 101 3398 101 53614 82271 96046 ... 64330 92080 39195 000 000	USB	(AB)
E07	8144	9-2	1800	Wed	197 197 197 1 454 49 454 49 42523 53714 77261 ... 99217 87316 94942 000 000	USB	(AB/MPJ)
E07	6944	9-2	1820	Wed	197 197 197 1 454 49 454 49 42523 53714 77261 ... 99217 87316 94942 000 000	USB	(AB/MPJ)
E07	5744	9-2	1840	Wed	197 197 197 1 454 49 454 49 42523 53714 77261 ... 99217 87316 94942 000 000	USB	(AB/MPJ)
E07	13368	10-2	1410	Thu	745 745 745 000	USB	(AB/MPJ)
E07	12168	10-2	1430	Thu	745 745 745 000	USB	(AB/MPJ)
E07	15823	11-2	0700	Fri	836 836 836 1 3398 101 3398 101 53614 82271 96046 ... 64330 92080 39195 000 000	USB	(AB)
E07	16323	11-2	0720	Fri	836 836 836 1 3398 101 3398 101 53614 82271 96046 ... 64330 92080 39195 000 000	USB	(AB)
E07	16323	11-2	0740	Fri	836 836 836 1 3398 101 3398 101 53614 82271 96046 ... 64330 92080 39195 000 000	USB	(AB)
E07	11464	12-2	1400	Sat	472 472 472 1 699 85 699 85 68706 80703 83693 ... 45227 20261 49877 000 000	USB	(AB/MPJ)
E07	13368	12-2	1410	Sat	745 745 745 000	USB	(AB/MPJ)
E07	10764	12-2	1420	Sat	472 472 472 1 699 85 699 85 68706 80703 83693 ... 45227 20261 49877 000 000	USB	(AB/MPJ)
E07	12168	12-2	1430	Sat	745 745 745 000	USB	(AB/MPJ)
E07	9264	12-2	1440	Sat	472 472 472 1 699 85 699 85 68706 80703 83693 ... 45227 20261 49877 000 000	USB	(AB/MPJ)
E07	9326	13-2	0700	Sun	345 345 345 1 699 85 699 85 68706 80703 83693 ... 45227 20261 49877 000 000	USB	(AB)
E07	10426	13-2	0720	Sun	345 345 345 1 699 85 699 85 68706 80703 83693 ... 45227 20261 49877 000 000	USB	(AB)
E07	11526	13-2	0720	Sun	345 345 345 1 699 85 699 85 68706 80703 83693 ... 45227 20261 49877 000 000	USB	(AB)
E07	8144	13-2	1800	Sun	197 197 197 1 454 49 454 49 42523 53714 77261 ... 99217 87316 94942 000 000	USB	(AB)
E07	6944	13-2	1820	Sun	197 197 197 1 454 49 454 49 42523 53714 77261 ... 99217 87316 94942 000 000	USB	(AB)
E07	5744	13-2	1840	Sun	197 197 197 1 454 49 454 49 42523 53714 77261 ... 99217 87316 94942 000 000	USB	(AB)

E07	15823	15-2	0700	Tue	836 836 836 000	USB	(AB)
E07	16323	15-2	0720	Tue	836 836 836 000	USB	(AB)
E07	8144	16-2	1800	Wed	197 197 197 000	USB	(AB)
E07	6944	16-2	1820	Wed	197 197 197 000	USB	(AB)
E07	13368	17-2	1410	Thu	745 745 745 1 9881 78 9881 78 80613 17224 08043 ... 25248 60267 24511 000 000	USB	(AB/MPJ)
E07	12168	17-2	1430	Thu	745 745 745 1 9881 78 9881 78 80613 17224 08043 ... 25248 60267 24511 000 000	USB	(AB/MPJ)
E07	11168	17-2	1450	Thu	745 745 745 1 9881 78 9881 78 80613 17224 08043 ... 25248 60267 24511 000 000	USB	(AB/MPJ)
E07	15823	18-2	0700	Fri	836 836 836 000	USB	(AB)
E07	16323	18-2	0720	Fri	836 836 836 000	USB	(AB)
E07	11464	19-2	1400	Sat	472 472 472 000	USB	(AB/MPJ)
E07	13368	19-2	1410	Sat	745 745 745 1 9881 78 9881 78 80613 17224 08043 ... 25248 60267 24511 000 000	USB	(AB/MPJ)
E07	10764	19-2	1420	Sat	472 472 472 000	USB	(AB/MPJ)
E07	12168	19-2	1430	Sat	745 745 745 1 9881 78 9881 78 80613 17224 08043 ... 25248 60267 24511 000 000	USB	(AB/MPJ)
E07	11168	19-2	1450	Sat	745 745 745 1 9881 78 9881 78 80613 17224 08043 ... 25248 60267 24511 000 000	USB	(AB/MPJ)
E07	9326	20-2	0700	Sun	345 345 345 000	USB	(AB)
E07	10426	20-2	0720	Sun	345 345 345 000	USB	(AB)
E07	8144	20-2	1800	Sun	197 197 197 000	USB	(AB)
E07	6944	20-2	1820	Sun	197 197 197 000	USB	(AB)
E07	15823	22-2	0700	Tue	836 836 836 1 1361 65 1361 65 53501 94010 10411 ... 22420 23634 25382 000 000	USB	(AB)
E07	16323	22-2	0720	Tue	836 836 836 1 1361 65 1361 65 53501 94010 10411 ... 22420 23634 25382 000 000	USB	(AB)
E07	11532	22-2	0740	Tue	836 836 836 1 1361 65 1361 65 53501 94010 10411 ... 22420 23634 25382 000 000	USB	(AB)
E07	8144	23-2	1800	Wed	197 197 197 1 3831 88 3831 88 23590 77059 30166 ... 40483 98627 63615 000 000	USB	(AB)
E07	6944	23-2	1820	Wed	197 197 197 1 3831 88 3831 88 23590 77059 30166 ... 40483 98627 63615 000 000	USB	(AB)
E07	5744	23-2	1840	Wed	197 197 197 1 3831 88 3831 88 23590 77059 30166 ... 40483 98627 63615 000 000	USB	(AB)
E07	13368	24-2	1410	Thu	745 745 745 000	USB	(AB/MPJ)
E07	12168	24-2	1430	Thu	745 745 745 000	USB	(AB/MPJ)
E07	15823	25-2	0700	Fri	836 836 836 1 1361 65 1361 65 53501 94010 10411 ... 22420 23634 25382 000 000	USB	(AB)
E07	16323	25-2	0720	Fri	836 836 836 1 1361 65 1361 65 53501 94010 10411 ... 22420 23634 25382 000 000	USB	(AB)
E07	11532	25-2	0740	Fri	836 836 836 1 1361 65 1361 65 53501 94010 10411 ... 22420 23634 25382 000 000	USB	(AB)
E07	11464	26-2	1400	Sat	472 472 472 000	USB	(AB)
E07	13368	26-2	1410	Sat	745 745 745 000	USB	(AB/MPJ)
E07	10764	26-2	1420	Sat	472 472 472 000	USB	(AB/MPJ)
E07	12168	26-2	1430	Sat	745 745 745 000	USB	(AB/MPJ)
E07	9326	27-2	0700	Sun	345 345 345 000	USB	(AB)
E07	10426	27-2	0720	Sun	345 345 345 000	USB	(AB)
E07	8144	27-2	1800	Sun	197 197 197 1 3831 88 3831 88 23590 77059 30166 ... 40483 98627 63615 000 000	USB	(AB)
E07	6944	27-2	1820	Sun	197 197 197 1 3831 88 3831 88 23590 77059 30166 ... 40483 98627 63615 000 000	USB	(AB)
E07	5744	27-2	1840	Sun	197 197 197 1 3831 88 3831 88 23590 77059 30166 ... 40483 98627 63615 000 000	USB	(AB)
E11	7840	1-2	0645	Tue	510/00	USB	(AB)
E11	6804	1-2	0700	Tue	571/00	USB	(AB)
E11	13908	1-2	0745	Tue	220/00	USB	(AB)
E11	14611	1-2	0820	Tue	131/00	USB	(AB)

E11	13046	1-2	0845	Tue	155/00	USB	(AB/HFD)
E11	9079	1-2	1000	Tue	308/00	USB	(AB)
E11	13363	1-2	1430	Tue	915/00	USB	(AB/MPJ)
E11	5432	1-2	1605	Tue	233/00	USB	(AB/MPJ)
E11	9052	2-2	0315	Wed	255/00	USB	(AB-POL)
E11	16005	2-2	0640	Wed	946/00	USB	(AB)
E11	11104	2-2	0715	Wed	759/00	USB	(AB-POL)
E11	14611	2-2	0820	Wed	138/00	USB	(AB-POL)
E11	12067	2-2	0845	Wed	716/00	USB	(AB)
E11	11092	2-2	0900	Wed	533/00	USB	(AB)
E11	7469	2-2	0930	Wed	278/00	USB	(AB)
E11	7984	2-2	1045	Wed	694/00	USB	(AB)
E11	5082	2-2	1715	Wed	975/00	USB	(AB/MPJ)
E11	4505	2-2	1910	Wed	394/00	USB	(AB/MPJ)
E11	9052	3-2	0315	Thu	256/00	USB	(AB-POL)
E11	7840	3-2	0645	Thu	515/00	USB	(AB)
E11	13908	3-2	0745	Thu	228/00	USB	(AB)
E11	5149	3-2	0820	Thu	436/00	USB	(AB)
E11	13046	3-2	0845	Thu	150/00	USB	(AB)
E11	7469	3-2	0930	Thu	276/00	USB	(AB)
E11	4909	3-2	1300	Thu	313/00	USB	(AB)
E11	5082	3-2	1330	Thu	521/00	USB	(AB/MPJ)
E11	5409	3-2	1530	Thu	262/00	USB	(AB)
E11	5779	3-2	1730	Thu	418/00	USB	(AB)
E11	6849	3-2	1900	Thu	641/00	USB	(AB/MPJ)
E11	7850	4-2	0600	Fri	352/00	USB	(AB)
E11	6804	4-2	0700	Fri	575/00	USB	(AB)
E11	5149	4-2	0820	Fri	432/00	USB	(AB)
E11	14940	4-2	0830	Fri	188/00	USB	(AB)
E11	9079	4-2	1000	Fri	306/00	USB	(AB/MPJ)
E11	5082	4-2	1715	Fri	977/00	USB	(AB/MPJ)
E11	6849	4-2	1815	Fri	920/00	USB	(AB/MPJ)
E11	5371	5-2	0730	Sat	496/00	USB	(AB)
E11	13363	5-2	1430	Sat	915/00	USB	(AB/MPJ)
E11	4505	5-2	1910	Sat	393/00	USB	(AB)
E11	7850	6-2	0600	Sun	352/00	USB	(AB)
E11	5371	6-2	0730	Sun	492/00	USB	(AB)
E11	5082	6-2	1330	Sun	528/00	USB	(AB-POL/MPJ-POL)
E11	5432	6-2	1605	Sun	235/00	USB	(AB/MPJ)
E11	12924	6-2	1745	Sun	24?/00 too weak to copy	USB	(MPJ-HNG)
E11	6849	6-2	1815	Sun	922/00	USB	(AB)
E11	4909	7-2	0450	Mon	410/00	USB	(AB-POL)

E11	16005	7-2	0640	Mon	948/00	USB	(AB-POL)
E11	11104	7-2	0715	Mon	755/00	USB	(AB)
E11	12067	7-2	0845	Mon	711/00	USB	(AB)
E11	11092	7-2	0900	Mon	533/00	USB	(AB)
E11	4909	7-2	1300	Mon	319/00	USB	(AB)
E11	12924	7-2	1745	Mon	242/00	USB	(AB-POL/MPJ)
E11	6849	7-2	1900	Mon	648/00	USB	(AB)
E11	6804	8-2	0700	Tue	579/00	USB	(AB)
E11	9130	8-2	0715	Tue	636/00	USB	(AB)
E11	13908	8-2	0745	Tue	224/00	USB	(AB)
E11	13046	8-2	0845	Tue	159/00	USB	(AB)
E11	9079	8-2	1000	Tue	305/00	USB	(AB)
E11	6433	8-2	1205	Tue	465/00	USB	(AB)
E11	13363	8-2	1430	Tue	917/00	USB	(AB)
E11	5432	8-2	1605	Tue	237/00	USB	(AB)
E11	9052	9-2	0315	Wed	255/00	USB	(AB-POL)
E11	16005	9-2	0640	Wed	949/00	USB	(AB)
E11	11104	9-2	0715	Wed	759/00	USB	(AB-POL)
E11	17378	9-2	0745	Wed	347/00	USB	(AB-POL)
E11	12067	9-2	0845	Wed	715/00	USB	(Anon)
E11	11092	9-2	0900	Wed	532/00	USB	(AB-POL/Anon)
E11	7469	9-2	0930	Wed	276/00	USB	(AB)
E11	6433	9-2	1205	Wed	462/00	USB	(AB)
E11	13908	10-2	0745	Thu	228/00	USB	(AB)
E11	5149	10-2	0820	Thu	434/00	USB	(AB)
E11	13046	10-2	0845	Thu	150/00	USB	(AB)
E11	7469	10-2	0930	Thu	271/00	USB	(AB)
E11	4909	10-2	1300	Thu	316/00	USB	(AB-POL/MPJ)
E11	5082	10-2	1330	Thu	522/00	USB	(AB/MPJ)
E11	5779	10-2	1730	Thu	410/00	USB	(AB/MPJ)
E11	6849	10-2	1900	Thu	648/00	USB	(AB/MPJ)
E11	6804	11-2	0700	Fri	571/00	USB	(AB)
E11	9130	11-2	0715	Fri	634/00	USB	(AB)
E11	17378	11-2	0745	Fri	348/00	USB	(AB-POL)
E11	5149	11-2	0820	Fri	439/00	USB	(AB)
E11	9079	11-2	1000	Fri	307/00	USB	(AB)
E11	10487	11-2	1910	Fri	613/00	USB	(AB-POL/MPJ)
E11	5371	12-2	0730	Sat	495/00	USB	(AB)
E11	13363	12-2	1430	Sat	915/00	USB	(AB)
E11	4909	12-2	1530	Sat	369/00	USB	(AB)
E11	5371	13-2	0730	Sun	492/00	USB	(AB)
E11	5082	13-2	1330	Sun	528/00	USB	(AB-POL/MPJ-POL)

E11	4909	13-2	1530	Sun	364/00	USB	(AB/MPJ)
E11	5432	13-2	1605	Sun	231/00	USB	(AB)
E11	12924	13-2	1745	Sun	240/00	USB	(AB-POL/MPJ)
E11	10487	13-2	1910	Sun	614/00	USB	(AB-POL)
E11	4909	14-2	0450	Mon	414/00	USB	(AB-POL)
E11	16005	14-2	0640	Mon	949/00	USB	(AB-RUS)
E11	11104	14-2	0715	Mon	757/00	USB	(AB)
E11	10213	14-2	0745	Mon	268/00	USB	(AB)
E11	14940	14-2	0830	Mon	181/00	USB	(AB-POL)
E11	12067	14-2	0845	Mon	715/00	USB	(AB)
E11	11092	14-2	0900	Mon	535/00	USB	(AB)
E11	7984	14-2	1045	Mon	696/00	USB	(AB)
E11	4909	14-2	1300	Mon	316/00	USB	(AB/MPJ)
E11	12924	14-2	1745	Mon	242/00	USB	(AB-POL/MPJ)
E11	7840	15-2	0645	Tue	517/00	USB	(AB)
E11	6804	15-2	0700	Tue	576/00	USB	(AB)
E11	9130	15-2	0715	Tue	635/00	USB	(AB)
E11	9079	15-2	1000	Tue	300/00	USB	(AB)
E11	6433	15-2	1205	Tue	469/00	USB	(AB)
E11	11104	16-2	0715	Wed	759/00 ??? raped by radar	USB	(AB-POL)
E11	17378	16-2	0745	Wed	343/00	USB	(AB-POL)
E11	14611	16-2	0820	Wed	131/00	USB	(AB-POL)
E11	12067	16-2	0845	Wed	710/00	USB	(AB)
E11	11092	16-2	0900	Wed	534/00	USB	(AB)
E11	7469	16-2	0930	Wed	279/00	USB	(AB)
E11	7984	16-2	1045	Wed	691/00	USB	(AB)
E11	6433	16-2	1205	Wed	465/00	USB	(AB)
E11	5082	16-2	1715	Wed	975/00	USB	(AB)
E11	4505	16-2	1910	Wed	395/00	USB	(AB)
E11	7840	17-2	0645	Thu	511/00	USB	(AB)
E11	7469	17-2	0930	Thu	273/00	USB	(AB)
E11	4909	17-2	1300	Thu	315/00	USB	(AB-POL/MPJ-AUT)
E11	5082	17-2	1330	Thu	528/00	USB	(AB/MPJ-AUT)
E11	5409	17-2	1530	Thu	267/00	USB	(AB/MPJ)
E11	5779	17-2	1730	Thu	411/00	USB	(AB/MPJ)
E11	7850	18-2	0600	Fri	351/00	USB	(AB)
E11	6804	18-2	0700	Fri	579/00	USB	(AB)
E11	9130	18-2	0715	Fri	637/00	USB	(AB)
E11	17378	18-2	0745	Fri	347/00	USB	(AB-POL)
E11	14940	18-2	0830	Fri	183/00	USB	(AB)
E11	9079	18-2	1000	Fri	309/00	USB	(AB)
E11	5082	18-2	1715	Fri	976/00	USB	(AB/MPJ)

E11	6849	18-2	1815	Fri	921/00	USB	(AB)
E11	10487	18-2	1910	Fri	617/00	USB	(AB-POL)
E11	5371	19-2	0730	Sat	491/00	USB	(AB)
E11	4505	19-2	1910	Sat	396/00	USB	(AB)
E11	5371	20-2	0730	Sun	496/00	USB	(AB)
E11	5082	20-2	1330	Sun	527/00	USB	(AB/MPJ)
E11	4909	20-2	1530	Sun	367/00	USB	(AB/MPJ)
E11	12924	20-2	1745	Sun	247/00	USB	(AB-POL/MPJ-AUT)
E11	6849	20-2	1815	Sun	924/00	USB	(Anon)
E11	10487	20-2	1910	Sun	617/00	USB	(AB-POL/MPJ-AUT)
E11	10213	21-2	0745	Mon	262/00	USB	(AB)
E11	14940	21-2	0830	Mon	182/00	USB	(AB-POL)
E11	7984	21-2	1045	Mon	696/00	USB	(AB)
E11	6849	21-2	1900	Mon	641/00	USB	(AB/MPJ)
E11	7840	22-2	0645	Tue	510/00	USB	(AB)
E11	9130	22-2	0715	Tue	633/00	USB	(AB)
E11	13908	22-2	0745	Tue	228/00	USB	(AB-RUS)
E11	13046	22-2	0845	Tue	159/00	USB	(AB)
E11	6433	22-2	1205	Tue	461/00	USB	(AB)
E11	13363	22-2	1430	Tue	918/00	USB	(AB/MPJ)
E11	5432	22-2	1605	Tue	231/00	USB	(AB/MPJ)
E11	9052	23-2	0315	Wed	253/00	USB	(AB-POL)
E11	9052	23-2	0315	Wed	255/00	USB	(AB-POL)
E11	17378	23-2	0745	Wed	348/00	USB	(AB-POL)
E11	14611	23-2	0820	Wed	136/00	USB	(AB-POL)
E11	7984	23-2	1045	Wed	693/00	USB	(AB)
E11	6433	23-2	1205	Wed	466/00	USB	(AB)
E11	5082	23-2	1715	Wed	976/00	USB	(AB)
E11	4505	23-2	1910	Wed	390/00	USB	(AB)
E11	7840	24-2	0645	Thu	517/00	USB	(AB)
E11	13908	24-2	0745	Thu	221/00	USB	(AB-POL)
E11	5149	24-2	0820	Thu	430/00	USB	(AB)
E11	5409	24-2	1530	Thu	267/00	USB	(AB/MPJ)
E11	6849	24-2	1900	Thu	640/00	USB	(AB/MPJ-AUT)
E11	7850	25-2	0600	Fri	353/00	USB	(AB)
E11	9130	25-2	0715	Fri	634/00	USB	(AB)
E11	17378	25-2	0745	Fri	342/00	USB	(AB-POL)
E11	5149	25-2	0820	Fri	435/00	USB	(AB)
E11	14940	25-2	0830	Fri	188/00	USB	(AB)
E11	5082	25-2	1715	Fri	974/00	USB	(AB/MPJ)
E11	6849	25-2	1815	Fri	921/00	USB	(AB/MPJ)
E11	10487	25-2	1910	Fri	618/00	USB	(AB-POL/MPJ)

E11	13363	26-2	1430	Sat	914/00	USB	(AB-POL/MPJ)
E11	4909	26-2	1530	Sat	369/00	USB	(AB-POL/MPJ)
E11	4505	26-2	1910	Sat	390/00	USB	(AB)
E11	7850	27-2	0600	Sun	353/00	USB	(AB)
E11	4909	27-2	1530	Sun	360/00	USB	(AB/MPJ)
E11	5432	27-2	1605	Sun	230/00	USB	(AB/MPJ)
E11	6849	27-2	1815	Sun	925/00	USB	(AB)
E11	10487	27-2	1910	Sun	612/00	USB	(AB-POL)
E11	4909	28-2	0450	Mon	413/00	USB	(AB)
E11	16005	28-2	0640	Mon	940/00	USB	(AB)
E11	11104	28-2	0715	Mon	754/00	USB	(AB)
E11	10213	28-2	0745	Mon	267/00	USB	(AB)
E11	14940	28-2	0830	Mon	182/00	USB	(AB-POL)
E11	12067	28-2	0845	Mon	715/00	USB	(AB)
E11	11092	28-2	0900	Mon	530/00	USB	(AB)
E11	7984	28-2	1045	Mon	696/00	USB	(AB)
E11	4909	28-2	1300	Mon	319/00	USB	(AB)
E11	12924	28-2	1745	Mon	242/00	USB	(MPJ)
E11	6849	28-2	1900	Mon	641/00	USB	(AB/MPJ)
E11a	9130	1-2	0715	Tue	630/38 Attention 77654 68094 88914 ... 07497 46305 87446 Attention (message repeated) Out	USB	(AB)
E11a	6433	1-2	1205	Tue	464/32 Attention 54390 98445 70366 ... 24667 56629 92551 Attention (message repeated) Out	USB	(AB)
E11a	17378	2-2	0745	Wed	343/37 Attention 51143 33642 73059 ... 05277 97777 84337 Attention (message repeated) Out	USB	(AB-POL)
E11a	6433	2-2	1205	Wed	464/32 Attention 54390 98445 70366 ... 24667 56629 92551 Attention (message repeated) Out	USB	(AB)
E11a	4146	2-2	1930	Wed	Active with message	USB	(FD)
E11a	4073	3-2	1930	Thu	Active with message	USB	(FD)
E11a	9130	4-2	0715	Fri	630/38 Attention 77654 68094 88914 ... 07497 46305 87446 Attention (message repeated) Out	USB	(AB)
E11a	17378	4-2	0745	Fri	343/37 Attention 51143 33642 73059 ... 05277 97777 84337 Attention (message repeated) Out	USB	(AB-POL)
E11a	10487	4-2	1910	Fri	617/37 Attention 55275 32382 06216 ... 37307 48859 26053 Attention (message repeated) Out	USB	(AB-POL)
E11a	4073	4-2	1930	Fri	Active with message	USB	(FD)
E11a	4909	5-2	1530	Sat	360/30 Attention 70581 06113 86963 30436 ... 82646 17486 35107 Attention (message repeated)	USB	(AB/MPJ)
E11a	4016	5-2	1930	Sat	121/26 Attention 51894 10851 98450 ... 65418 41187 87465 Attention (message repeated) Out	USB	(TM)
E11a	4909	6-2	1530	Sun	360/30 Attention 70581 06113 86963 30436 ... 82646 17486 35107 Attention (message repeated)	USB	(AB)
E11a	10487	6-2	1910	Sun	617/37 Attention 55275 32382 06216 ... 37307 48859 26053 Attention (message repeated) Out	USB	(AB-POL/MPJ-HOL)
E11a	4099	6-2	1930	Sun	121/25 Attention 96835 42897 63542 ... 68975 42389 65426 Attention (message repeated) Out	USB	(TM)
E11a	10213	7-2	0745	Mon	264/31 Attention 54929 55818 87723 ... 95596 84570 44561 Attention (message repeated) Out	USB	(AB)
E11a	14940	7-2	0830	Mon	184/34 Attention 97504 01616 22531 ... 61026 04082 56417 Attention (message repeated) Out	USB	(AB-POL)
E11a	7984	7-2	1045	Mon	697/30 Attention 08740 35502 24005 ... 48539 85985 90252 Attention (message repeated) Out	USB	(AB)
E11a	4146	7-2	1930	Mon	121/31 Attention 65485 10651 98645 ... 98416 50651 84561 Attention (message repeated) Out	USB	(RO-P)
E11a	7840	8-2	0645	Tue	514/36 Attention 84130 84063 55479 ... 82808 32789 12616 Attention (message repeated) Out	USB	(AB)
E11a	4073	8-2	1930	Tue	121/35 Attention 84568 76778 08367 ... 82747 58095 87770 Attention (message repeated) Out Sent 36 groups	USB	(OH8EFI)
E11a	14611	9-2	0820	Wed	130/31 Attention 24501 63931 36938 ... 04571 79141 34151 Attention (message repeated) Out	USB	(AB-POL)

E11a	7984	9-2	1045	Wed	697/30 Attention 08740 35502 24005 ... 48539 85985 90252 Attention (message repeated) Out	USB	(AB)
E11a	5082	9-2	1715	Wed	976/31 Attention 13118 75275 71332 ... 25117 11153 09704 Attention (message repeated) Out	USB	(AB)
E11a	4505	9-2	1910	Wed	399/33 Attention 37223 06045 92959 ... 75021 11771 42833 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4016	9-2	1930	Wed	121/31 Attention 77656 37538 75735 ... 65307 66661 75431 Attention (message repeated) Out	USB	(AB)
E11a	7840	10-2	0645	Thu	514/36 Attention 84130 84063 55479 ... 82808 32789 12616 Attention (message repeated) Out	USB	(AB)
E11a	5409	10-2	1530	Thu	264/31 Attention 54929 55818 87723 ... 95596 84570 44561 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7850	11-2	0600	Fri	351/36 Attention 58819 16408 93065 ... 51733 28943 33637 Attention (message repeated) Out	USB	(AB)
E11a	14940	11-2	0830	Fri	184/34 Attention 97504 01616 22531 ... 61026 04082 56417 Attention (message repeated) Out	USB	(AB)
E11a	5082	11-2	1715	Fri	976/31 Attention 13118 75275 71332 ... 25117 11153 09704 Attention (message repeated) Out	USB	(AB)
E11a	6849	11-2	1815	Fri	921/39 Attention 24281 95180 19197 ... 92666 59453 75977 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4505	12-2	1910	Sat	399/33 Attention 37223 06045 92959 ... 75021 11771 42833 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4016	12-2	2025	Sat	121/22 Attention 78954 68795 46368 ... 68456 78943 56789 Attention (message repeated) Out	USB	(PY)
E11A	7850	13-2	0600	Sun	351/36 Attention 58819 16408 93065 ... 51733 28943 33637 Attention (message repeated) Out	USB	a
E11a	4909	13-2	1020	Sun	121/33 Attention 91506 51848 41206 ... 49840 65289 84560 Attention (message repeated) Out	USB	(BV2)
E11a	6849	13-2	1815	Sun	921/39 Attention 24281 95180 19197 ... 92666 59453 75977 Attention (message repeated) Out	USB	(AB)
E11a	6849	14-2	1900	Mon	647/35 Attention 89223 99045 01086 ... 18338 71429 48148 Attention (message repeated) Out	USB	(AB)
E11a	4073	14-2	2025	Mon	121/20 Attention 60286 20672 96482 ... 20879 75608 93955 Attention (message repeated) Out	USB	(Pof)
E11a	13908	15-2	0745	Tue	227/36 Attention 44391 65890 20973 ... 29705 67078 42092 Attention (message repeated) Out	USB	(AB-CYP)
E11a	13046	15-2	0845	Tue	151/30 Attention 23230 07274 47686 ... 36569 07994 83703 Attention (message repeated) Out	USB	(AB)
E11a	5432	15-2	1605	Tue	238/39 Attention 28998 76863 35940 ... 69481 24884 41774 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	9052	16-2	0315	Wed	255/38 Attention 16871 61058 89971 ... 45614 09292 29777 Attention (message repeated) Out	USB	(AB-POL)
E11a	9052	17-2	0315	Thu	255/38 Attention 16871 61058 89971 ... 45614 09292 29777 Attention (message repeated) Out	USB	(AB-POL)
E11a	13908	17-2	0745	Thu	227/36 Attention 44391 65890 20973 ... 29705 67078 42092 Attention (message repeated) Out	USB	(AB-POL)
E11a	5149	17-2	0820	Thu	432/34 Attention 81649 78680 86161 ... 16609 33690 96107 Attention (message repeated) Out	USB	(AB)
E11a	13046	17-2	0845	Thu	151/30 Attention 23230 07274 47686 ... 36569 07994 83703 Attention (message repeated) Out	USB	(AB)
E11a	6849	17-2	1900	Thu	647/35 Attention 89223 99045 01086 ... 18338 71429 48148 Attention (message repeated) Out	USB	(AB)
E11a	5149	18-2	0820	Fri	432/34 Attention 81649 78680 86161 ... 16609 33690 96107 Attention (message repeated) Out	USB	(AB)
E11a	13363	19-2	1430	Sat	914/39 Attn 77599 11563 06936 ... 51565 62560 68021	USB	(MPJ)
E11a	5432	20-2	1605	Sun	238/39 Attention 28998 76863 35940 ... 69481 24884 41774 Attention (message repeated) Out	USB	(AB)
E11a	4909	21-2	0450	Mon	415/31 Attention 97545 78234 65821 ... 68393 24625 04230 Attention (message repeated) Out	USB	(AB-POL)
E11a	16005	21-2	0640	Mon	940/26 Attention 71271 04624 39225 ... 06571 03555 91816 Attention (message repeated) Out	USB	(AB)
E11a	11104	21-2	0715	Mon	757/32 Attention 46110 37933 24276 ... 66935 92367 06138 Attention (message repeated) out	USB	(AB)
E11a	12067	21-2	0845	Mon	719/39 Attention 65312 35731 25756 ... 34311 37263 87094 Attention (message repeated) Out	USB	(AB-RUS)
E11a	11092	21-2	0900	Mon	533/33 Attention 70953 25894 97181 ... 38549 51484 82378 Attention (message repeated) Out	USB	(AB)
E11a	4909	21-2	1300	Mon	316/35 Attention 30817 81672 88134 ... 53112 61177 72131 Attention (message repeated) Out	USB	(AB)
E11a	12924	21-2	1745	Mon	245/31 Attention 87137 71524 98314 ... 94116 65532 20803 Attention (message repeated) out	USB	(AB/MPJ)
E11a	6804	22-2	0700	Tue	577/40 Attention 39257 34005 14630 ... 41651 67939 85666 Attention (message repeated) Out	USB	(AB)
E11a	9079	22-2	1000	Tue	307/21 Attention 37928 23558 79731 ... 87056 11748 87213 Attention (message repeated) Out	USB	(AB)
E11a	16005	23-2	0640	Wed	940/26 Attention 71271 04624 39225 ... 06571 03555 91816 Attention (message repeated) Out	USB	(AB)
E11a	11104	23-2	0715	Wed	757/32 Attention 46110 37933 24276 ... 66935 92367 06138 Attention (message repeated) Out	USB	(AB)
E11a	12067	23-2	0845	Wed	719/39 Attention 65312 35731 25756 ... 34311 37263 87094 Attention (message repeated) Out	USB	(AB)
E11a	11092	23-2	0900	Wed	533/33 Attention 70953 25894 97181 ... 38549 51484 82378 Attention (message repeated) Out	USB	(AB)

E11a	7469	23-2	0930	Wed	276/34 Attention 61656 49774 70670 ... 02508 69318 55491 Attention (message repeated) Out	USB	(AB)
E11a	7469	24-2	0930	Thu	276/34 Attention 61656 49774 70670 ... 02508 69318 55491 Attention (message repeated) Out	USB	(AB)
E11a	4909	24-2	1300	Thu	316/35 Attention 30817 81672 88134 ... 53112 61177 72131 Attention (message repeated) Out	USB	(AB-POL/MPJ-AUT)
E11a	5082	24-2	1330	Thu	528/36 Attention 47985 82373 51947 ... 46023 43263 01602 Attention (message repeated) Out	USB	(AB-POL)
E11a	5779	24-2	1730	Thu	415/31 Attention 97545 78234 65821 ... 68393 24625 04230 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	6804	25-2	0700	Fri	577/40 Attention 39257 34005 14630 ... 41651 67939 85666 Attention (message repeated) Out	USB	(AB)
E11a	9079	25-2	1000	Fri	307/21 Attention 37928 23558 79731 ... 87056 11748 87213 Attention (message repeated) Out	USB	(AB)
E11a	5371	26-2	0730	Sat	497/33 Attention 34811 53598 79685 ... 60083 50390 50821 Attention (message repeated) Out	USB	(AB)
E11a	5371	27-2	0730	Sun	497/33 Attention 34811 53598 79685 ... 60083 50390 50821 Attention (message repeated) Out	USB	(AB)
E11a	5082	27-2	1330	Sun	528/36 Attention 47985 82373 51947 ... 46023 43263 01602 Attention (message repeated) Out	USB	(AB-POL)
E11a	12924	27-2	1745	Sun	245/31 Attention 87137 71524 98314 ... 94116 65532 20803 Attention (message repeated) out	USB	(AB-POL/MPJ)
E17z	11170	3-2	0800	Thu	217 890 5 64906 66610 20336 17301 88554 890 5 00000	USB	(AB)
E17z	9820	3-2	0810	Thu	217 890 5 64906 66610 20336 17301 88554 890 5 00000	USB	(AB)
E17z	11170	10-2	0800	Thu	217 890 5 64906 66610 20336 17301 88554 890 5 00000	USB	(AB-RUS)
E17z	9820	10-2	0810	Thu	217 890 5 64906 66610 20336 17301 88554 890 5 00000	USB	(AB)
E17z	11170	17-2	0800	Thu	217 439 5 37833 30024 32958 32235 87855 439 5 00000	USB	(AB)
E17z	9820	17-2	0810	Thu	217 439 5 37833 30024 32958 32235 87855 439 5 00000	USB	(AB)
EGY	14985	24-2	1905	Thu	Egyptian embassy Washington DC wkg Egyptian embassy Havana	CODAN	(DW-MD)
F01	12184	1-2	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/HFD)
F01	10169	1-2	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/HFD)
F01	8079	1-2	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/HFD)
F01	12184	2-2	1015	Wed	Russian diplo/intel. 46545 93278 73755 ... 13192 82152 81413 00000 +++++ +++++	FSK 200/500	(AB)
F01	10169	2-2	1025	Wed	Russian diplo/intel. 46545 93278 73755 ... 13192 82152 81413 00000 +++++ +++++	FSK 200/500	(AB)
F01	8079	2-2	1035	Wed	Russian diplo/intel. 46545 93278 73755 ... 13192 82152 81413 00000 +++++ +++++	FSK 200/500	(AB)
F01	8155	2-2	1940	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	6844	2-2	1950	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	4527	2-2	2000	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	12184	3-2	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10169	3-2	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8079	3-2	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12184	4-2	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ)
F01	10169	4-2	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ)
F01	8079	4-2	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ)
F01	12184	7-2	1015	Mon	Russian diplo/intel. 49841 20391 25848 ... 25374 57601 84415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	10169	7-2	1025	Mon	Russian diplo/intel. 49841 20391 25848 ... 25374 57601 84415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	8079	7-2	1035	Mon	Russian diplo/intel. 49841 20391 25848 ... 25374 57601 84415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	12184	8-2	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10169	8-2	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8079	8-2	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12184	9-2	1015	Wed	Russian diplo/intel. 24923 47494 53382 ... 68086 14652 87407 00000 +++++ +++++	FSK 200/500	(AB)
F01	10169	9-2	1025	Wed	Russian diplo/intel. 24923 47494 53382 ... 68086 14652 87407 00000 +++++ +++++	FSK 200/500	(AB)
F01	8079	9-2	1035	Wed	Russian diplo/intel. 24923 47494 53382 ... 68086 14652 87407 00000 +++++ +++++	FSK 200/500	(AB)

F01	12184	10-2	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10169	10-2	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8079	10-2	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12184	11-2	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	10169	11-2	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	8079	11-2	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	12184	14-2	1015	Mon	Russian diplo/intel. 70723 48464 67350 ... 79875 77311 90421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	10169	14-2	1025	Mon	Russian diplo/intel. 70723 48464 67350 ... 79875 77311 90421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	8079	14-2	1035	Mon	Russian diplo/intel. 70723 48464 67350 ... 79875 77311 90421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	12184	15-2	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10169	15-2	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8079	15-2	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12184	16-2	1015	Wed	Russian diplo/intel. 50145 96735 27458 ... 11404 49468 93431 00000 +++++ +++++	FSK 200/500	(AB)
F01	10169	16-2	1025	Wed	Russian diplo/intel. 50145 96735 27458 ... 11404 49468 93431 00000 +++++ +++++	FSK 200/500	(AB)
F01	8079	16-2	1035	Wed	Russian diplo/intel. 50145 96735 27458 ... 11404 49468 93431 00000 +++++ +++++	FSK 200/500	(AB)
F01	12184	17-2	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	10169	17-2	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	8079	17-2	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	12184	18-2	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	10169	18-2	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	8079	18-2	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	12184	21-2	1015	Mon	Russian diplo/intel. 47860 80999 05811 ... 78690 33756 96423 00000 +++++	FSK 200/500	(AB)
F01	10169	21-2	1025	Mon	Russian diplo/intel. 47860 80999 05811 ... 78690 33756 96423 00000 +++++	FSK 200/500	(AB)
F01	8079	21-2	1035	Mon	Russian diplo/intel. 47860 80999 05811 ... 78690 33756 96423 00000 +++++	FSK 200/500	(AB)
F01	12184	22-2	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10169	22-2	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8079	22-2	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12184	23-2	1015	Wed	Russian diplo/intel. 64537 79270 85593 ... 01193 47763 99413 00000 +++++ +++++	FSK 200/500	(AB)
F01	10169	23-2	1025	Wed	Russian diplo/intel. 64537 79270 85593 ... 01193 47763 99413 00000 +++++ +++++	FSK 200/500	(AB)
F01	8079	23-2	1035	Wed	Russian diplo/intel. 64537 79270 85593 ... 01193 47763 99413 00000 +++++ +++++	FSK 200/500	(AB)
F01	12184	24-2	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10169	24-2	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8079	24-2	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12184	25-2	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	10169	25-2	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	8079	25-2	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	12184	28-2	1015	Mon	Russian diplo/intel. 18776 21228 65340 ... 94548 90138 03423 00000 +++++	FSK 200/500	(AB)
F01	10169	28-2	1025	Mon	Russian diplo/intel. 18776 21228 65340 ... 94548 90138 03423 00000 +++++	FSK 200/500	(AB)
F01	8079	28-2	1035	Mon	Russian diplo/intel. 18776 21228 65340 ... 94548 90138 03423 00000 +++++	FSK 200/500	(AB)
F03j	9339	1-2	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	1-2	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	1-2	1500	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	8091	1-2	1505	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	2-2	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	2-2	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	2-2	1010	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	2-2	1015	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	3-2	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	3-2	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	4-2	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	4-2	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	4-2	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	4-2	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	4-2	1500	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	4-2	1505	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	7-2	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	7-2	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	7-2	1010	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	7-2	1015	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	8-2	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	8-2	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	8-2	1500	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	8-2	1505	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	9-2	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	9-2	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	9-2	1010	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	9-2	1015	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	10-2	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	10-2	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	11-2	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	11-2	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	11-2	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	11-2	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	11-2	1500	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8091	11-2	1505	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	12089	14-2	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	14-2	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	14-2	1010	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	14-2	1015	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	15-2	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	15-2	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	15-2	1500	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	15-2	1505	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	16-2	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	5946	16-2	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	16-2	1010	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	16-2	1015	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	17-2	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	17-2	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	18-2	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	18-2	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	18-2	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	18-2	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	18-2	1500	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8091	18-2	1505	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	12089	21-2	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	21-2	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	21-2	1010	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	21-2	1015	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	22-2	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	22-2	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	22-2	1500	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8091	22-2	1505	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	5946	23-2	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	23-2	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	23-2	1010	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	23-2	1015	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	24-2	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	24-2	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	25-2	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	25-2	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	25-2	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	25-2	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	25-2	1500	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8091	25-2	1505	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	12089	28-2	0810	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	28-2	0815	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	28-2	1010	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	28-2	1015	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03I	9240	1-2	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	1-2	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	1-2	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	1-2	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	1-2	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	1-2	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	1-2	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6480	1-2	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	1-2	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	1-2	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	2-2	0615	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	2-2	0620	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	2-2	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	2-2	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	2-2	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	2-2	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	2-2	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	6280	2-2	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	9240	3-2	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	3-2	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	3-2	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	3-2	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	3-2	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	3-2	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	3-2	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	3-2	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	4-2	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	4-2	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	4-2	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	4-2	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	7-2	0615	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	7-2	0620	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	7-2	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	7-2	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	7-2	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	7-2	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	7-2	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	7-2	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	7-2	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	7-2	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	8-2	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	8-2	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	8-2	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	8-2	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	8-2	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	8-2	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	8-2	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	8-2	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	8-2	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6280	8-2	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	9-2	0615	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	9-2	0620	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	9-2	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	9-2	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	9-2	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	9-2	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	9-2	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	6280	9-2	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	9240	10-2	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	10-2	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	10-2	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	10-2	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	10-2	0800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	10-2	0805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	10-2	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	10-2	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	11-2	0800	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	11-2	0805	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	11-2	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	11-2	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	11-2	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	11-2	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	14-2	0615	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	14-2	0620	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	14-2	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	14-2	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	14-2	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	14-2	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	14-2	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	14-2	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	14-2	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	14-2	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	15-2	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	15-2	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	15-2	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	15-2	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	15-2	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	15-2	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	15-2	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	6280	15-2	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	9240	16-2	0615	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	9240	16-2	0620	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13424	16-2	0630	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13424	16-2	0635	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	16-2	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	16-2	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	16-2	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	16-2	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	16-2	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	6280	16-2	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	9240	17-2	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	17-2	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	17-2	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	17-2	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	17-2	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	17-2	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	17-2	0800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	17-2	0805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	17-2	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	17-2	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	18-2	0800	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	18-2	0805	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	18-2	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	18-2	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	18-2	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	18-2	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	21-2	0615	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	21-2	0620	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	21-2	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	21-2	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	21-2	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	21-2	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	21-2	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	21-2	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	21-2	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	21-2	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	22-2	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	22-2	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	22-2	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	22-2	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	22-2	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	22-2	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	22-2	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6480	22-2	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	22-2	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	22-2	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	23-2	0615	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	23-2	0620	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13424	23-2	0630	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13424	23-2	0635	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	23-2	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	23-2	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	23-2	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	23-2	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	23-2	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	6280	23-2	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	9240	24-2	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	24-2	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	24-2	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	24-2	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	24-2	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	24-2	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	24-2	0800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	24-2	0805	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	24-2	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	24-2	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	25-2	0800	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5082	25-2	0805	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	25-2	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	25-2	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	25-2	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	25-2	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	28-2	0615	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	28-2	0620	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	28-2	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	28-2	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	28-2	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	28-2	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	28-2	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	28-2	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	28-2	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	28-2	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F06	9191	1-2	0030	Tue	Russian diplo/intel. 11166 60070 78541 28077 02529	FSK 200/1000	(AB)
F06	8057	1-2	0040	Tue	Russian diplo/intel. 11166 60070 78541 28077 02529	FSK 200/1000	(AB)
F06	7367	1-2	0050	Tue	Russian diplo/intel. 11166 60070 78541 28077 02529	FSK 200/1000	(AB)

F06	11048	1-2	0700	Tue	Russian diplo/intel. 11166 70202 64312 31011 02059 and 11166 70202 36987 31012 01599	FSK 200/1000	(AB)
F06	9244	1-2	0710	Tue	Russian diplo/intel. 11166 70202 64312 31011 02059 and 11166 70202 36987 31012 01599	FSK 200/1000	(AB)
F06	7319	1-2	0720	Tue	Russian diplo/intel. 11166 70202 64312 31011 02059 and 11166 70202 36987 31012 01599	FSK 200/1000	(AB)
F06	11164	1-2	1200	Tue	Russian diplo/intel. 11166 70202 64312 31011 02059 and 11166 70202 36987 31012 01599	FSK 200/1000	(AB)
F06	9164	1-2	1210	Tue	Russian diplo/intel. 11166 70202 64312 31011 02059 and 11166 70202 36987 31012 01599	FSK 200/1000	(AB)
F06	7617	1-2	1220	Tue	Russian diplo/intel. 11166 70202 64312 31011 02059 and 11166 70202 36987 31012 01599	FSK 200/1000	(AB)
F06	13374	1-2	1650	Tue	Russian diplo/intel. 11166 10053 15963 01073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11165	1-2	1700	Tue	Russian diplo/intel. 11166 10053 15963 01073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9219	1-2	1710	Tue	Russian diplo/intel. 11166 10053 15963 01073 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	20072	2-2	0600	Wed	Russian diplo/intel. 11166 40122 97285 29086 03279	FSK 200/1000	(AB-PHL)
F06	18291	2-2	0610	Wed	Russian diplo/intel. 11166 40122 97285 29086 03279	FSK 200/1000	(AB-J)
F06	16071	2-2	0620	Wed	Russian diplo/intel. 11166 40122 97285 29086 03279	FSK 200/1000	(AB-J)
F06	11164	2-2	1200	Wed	Russian diplo/intel. File 44413	FSK 200/1000	(AB)
F06	9164	2-2	1220	Wed	Russian diplo/intel. File 44413	FSK 200/1000	(AB)
F06	7617	2-2	1240	Wed	Russian diplo/intel. File 44413	FSK 200/1000	(AB)
F06	20072	3-2	0600	Thu	Russian diplo/intel. 11166 40122 97285 29086 03279	FSK 200/1000	(AB-PHL)
F06	18291	3-2	0610	Thu	Russian diplo/intel. 11166 40122 97285 29086 03279	FSK 200/1000	(AB-J)
F06	16071	3-2	0620	Thu	Russian diplo/intel. 11166 40122 97285 29086 03279	FSK 200/1000	(AB-J)
F06	14983	3-2	1330	Thu	Russian diplo/intel. 11166 80214 46278 03067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12196	3-2	1340	Thu	Russian diplo/intel. 11166 80214 46278 03067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9917	3-2	1350	Thu	Russian diplo/intel. 11166 80214 46278 03067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11048	4-2	0700	Fri	Russian diplo/intel. 11166 70202 46827 04018 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9244	4-2	0710	Fri	Russian diplo/intel. 11166 70202 46827 04018 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7319	4-2	0720	Fri	Russian diplo/intel. 11166 70202 46827 04018 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13464	6-2	1530	Sun	Russian diplo/intel. 11166 10053 36985 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11548	6-2	1540	Sun	Russian diplo/intel. 11166 10053 36985 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9323	6-2	1550	Sun	Russian diplo/intel. 11166 10053 36985 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	6866	7-2	0500	Mon	Russian diplo/intel. 11166 70059 58963 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5326	7-2	0510	Mon	Russian diplo/intel. 11166 70059 58963 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4616	7-2	0520	Mon	Russian diplo/intel. 11166 70059 58963 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11164	7-2	1200	Mon	Russian diplo/intel. File 44416	FSK 200/1000	(AB/MPJ-HNG)
F06	9164	7-2	1220	Mon	Russian diplo/intel. File 44416	FSK 200/1000	(AB/MPJ-HNG)
F06	7617	7-2	1240	Mon	Russian diplo/intel. File 44416	FSK 200/1000	(AB/MPJ-HNG)
F06	9191	8-2	0030	Tue	Russian diplo/intel. 11166 60070 58421 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	8057	8-2	0040	Tue	Russian diplo/intel. 11166 60070 58421 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	7367	8-2	0050	Tue	Russian diplo/intel. 11166 60070 58421 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	11048	8-2	0700	Tue	Russian diplo/intel. Files 44417 and 44418	FSK 200/1000	(AB)
F06	9244	8-2	0710	Tue	Russian diplo/intel. Files 44417 and 44418	FSK 200/1000	(AB)
F06	7319	8-2	0720	Tue	Russian diplo/intel. Files 44417 and 44418	FSK 200/1000	(AB)
F06	13374	8-2	1650	Tue	Russian diplo/intel. 11166 10053 15963 08073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11165	8-2	1700	Tue	Russian diplo/intel. 11166 10053 15963 08073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9219	8-2	1710	Tue	Russian diplo/intel. 11166 10053 15963 08073 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	20072	9-2	0600	Wed	Russian diplo/intel. 11166 40122 78532 05087 03029 and 11166 40122 15478 05088 02589	FSK 200/1000	(AB-J)
F06	18291	9-2	0610	Wed	Russian diplo/intel. 11166 40122 78532 05087 03029 and 11166 40122 15478 05088 02589	FSK 200/1000	(AB-J)
F06	16071	9-2	0620	Wed	Russian diplo/intel. 11166 40122 78532 05087 03029 and 11166 40122 15478 05088 02589	FSK 200/1000	(AB-J)
F06	20869	9-2	0900	Wed	Russian diplo/intel. 11166 00052 78596 09003 01519	FSK 200/1000	(AB)
F06	18691	9-2	0910	Wed	Russian diplo/intel. 11166 00052 78596 09003 01519	FSK 200/1000	(AB)
F06	16253	9-2	0920	Wed	Russian diplo/intel. 11166 00052 78596 09003 01519	FSK 200/1000	(AB)
F06	11164	9-2	1200	Wed	Russian diplo/intel. File 44419	FSK 200/1000	(AB)
F06	9164	9-2	1220	Wed	Russian diplo/intel. File 44419	FSK 200/1000	(AB)
F06	7617	9-2	1240	Wed	Russian diplo/intel. File 44419	FSK 200/1000	(AB)
F06	20072	10-2	0600	Thu	Russian diplo/intel. 11166 40122 78532 05087 03029 and 11166 40122 15478 05088 02589	FSK 200/1000	(AB-J)
F06	18291	10-2	0610	Thu	Russian diplo/intel. 11166 40122 78532 05087 03029 and 11166 40122 15478 05088 02589	FSK 200/1000	(AB-J)
F06	16071	10-2	0620	Thu	Russian diplo/intel. 11166 40122 78532 05087 03029 and 11166 40122 15478 05088 02589	FSK 200/1000	(AB-J)
F06	11048	10-2	0700	Thu	Russian diplo/intel. 11166 70202 56173 09020 02239 and 11166 70202 71593 09021 01599	FSK 200/1000	(AB)
F06	9244	10-2	0710	Thu	Russian diplo/intel. 11166 70202 56173 09020 02239 and 11166 70202 71593 09021 01599	FSK 200/1000	(AB)
F06	7319	10-2	0720	Thu	Russian diplo/intel. 11166 70202 56173 09020 02239 and 11166 70202 71593 09021 01599	FSK 200/1000	(AB)
F06	20869	10-2	0900	Thu	Russian diplo/intel. 11166 00052 78596 09003 01519	FSK 200/1000	(AB)
F06	18691	10-2	0910	Thu	Russian diplo/intel. 11166 00052 78596 09003 01519	FSK 200/1000	(AB)
F06	16253	10-2	0920	Thu	Russian diplo/intel. 11166 00052 78596 09003 01519	FSK 200/1000	(AB)
F06	11164	10-2	1200	Thu	Russian diplo/intel. 11166 70202 56173 09020 02239 and 11166 70202 71593 09021 01599	FSK 200/1000	(AB)
F06	9164	10-2	1220	Thu	Russian diplo/intel. 11166 70202 56173 09020 02239 and 11166 70202 71593 09021 01599	FSK 200/1000	(AB)
F06	7617	10-2	1240	Thu	Russian diplo/intel. 11166 70202 56173 09020 02239 and 11166 70202 71593 09021 01599	FSK 200/1000	(AB)
F06	14983	10-2	1330	Thu	Russian diplo/intel. 11166 80214 13468 09007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12196	10-2	1340	Thu	Russian diplo/intel. 11166 80214 13468 09007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9917	10-2	1350	Thu	Russian diplo/intel. 11166 80214 13468 09007 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11048	11-2	0700	Fri	Russian diplo/intel. 11166 70202 64825 11035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9244	11-2	0710	Fri	Russian diplo/intel. 11166 70202 64825 11035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7319	11-2	0720	Fri	Russian diplo/intel. 11166 70202 64825 11035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7954	12-2	1400	Sat	Russian diplo/intel. 11100 00000 53197 11039 02279	FSK 200/1000	(linkz)
F06	10687	13-2	1030	Sun	Russian diplo/intel. 11100 00000 53197 11039 02279	FSK 200/1000	(PY)
F06	7992	13-2	1040	Sun	Russian diplo/intel. 11100 00000 53197 11039 02279	FSK 200/1000	(PY)
F06	5913	13-2	1050	Sun	Russian diplo/intel. 11100 00000 53197 11039 02279	FSK 200/1000	(PY)
F06	13464	13-2	1530	Sun	Russian diplo/intel. 11166 10053 54897 13075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11548	13-2	1540	Sun	Russian diplo/intel. 11166 10053 54897 13075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9323	13-2	1550	Sun	Russian diplo/intel. 11166 10053 54897 13075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11048	14-2	0700	Mon	Russian diplo/intel. 11166 70202 37195 11022 02419	FSK 200/1000	(AB)
F06	9244	14-2	0710	Mon	Russian diplo/intel. 11166 70202 37195 11022 02419	FSK 200/1000	(AB)
F06	7319	14-2	0720	Mon	Russian diplo/intel. 11166 70202 37195 11022 02419	FSK 200/1000	(AB)
F06	11164	14-2	1200	Mon	Russian diplo/intel. 11166 70202 37195 11022 02419	FSK 200/1000	(AB)
F06	9164	14-2	1220	Mon	Russian diplo/intel. 11166 70202 37195 11022 02419	FSK 200/1000	(AB)
F06	7617	14-2	1240	Mon	Russian diplo/intel. 11166 70202 37195 11022 02419	FSK 200/1000	(AB)
F06	9191	15-2	0030	Tue	Russian diplo/intel. 11166 60070 78965 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	8057	15-2	0040	Tue	Russian diplo/intel. 11166 60070 78965 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)

F06	7367	15-2	0050	Tue	Russian diplo/intel. 11166 60070 78965 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	11048	15-2	0700	Tue	Russian diplo/intel. 11166 70202 46871 14023 01899 and 11166 70202 23587 14024 02039	FSK 200/1000	(AB)
F06	9244	15-2	0710	Tue	Russian diplo/intel. 11166 70202 46871 14023 01899 and 11166 70202 23587 14024 02039	FSK 200/1000	(AB)
F06	7319	15-2	0720	Tue	Russian diplo/intel. 11166 70202 46871 14023 01899 and 11166 70202 23587 14024 02039	FSK 200/1000	(AB)
F06	11164	15-2	1200	Tue	Russian diplo/intel. 11166 70202 46871 14023 01899 and 11166 70202 23587 14024 02039	FSK 200/1000	(AB/MPJ)
F06	9164	15-2	1210	Tue	Russian diplo/intel. 11166 70202 46871 14023 01899 and 11166 70202 23587 14024 02039	FSK 200/1000	(AB/MPJ)
F06	7617	15-2	1220	Tue	Russian diplo/intel. 11166 70202 46871 14023 01899 and 11166 70202 23587 14024 02039	FSK 200/1000	(AB/MPJ)
F06	13374	15-2	1650	Tue	Russian diplo/intel. 11166 10053 36925 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11165	15-2	1700	Tue	Russian diplo/intel. 11166 10053 36925 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9219	15-2	1710	Tue	Russian diplo/intel. 11166 10053 36925 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	20072	16-2	0600	Wed	Russian diplo/intel. 11166 40122 14785 16069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	18291	16-2	0610	Wed	Russian diplo/intel. 11166 40122 14785 16069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	16071	16-2	0620	Wed	Russian diplo/intel. 11166 40122 14785 16069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	11048	16-2	0700	Wed	Russian diplo/intel. 11166 70202 14795 15025 02339	FSK 200/1000	(AB)
F06	9244	16-2	0710	Wed	Russian diplo/intel. 11166 70202 14795 15025 02339	FSK 200/1000	(AB)
F06	7319	16-2	0720	Wed	Russian diplo/intel. 11166 70202 14795 15025 02339	FSK 200/1000	(AB)
F06	11164	16-2	1200	Wed	Russian diplo/intel. 11166 70202 14795 15025 02339	FSK 200/1000	(AB)
F06	9164	16-2	1220	Wed	Russian diplo/intel. 11166 70202 14795 15025 02339	FSK 200/1000	(AB)
F06	7617	16-2	1240	Wed	Russian diplo/intel. 11166 70202 14795 15025 02339	FSK 200/1000	(AB)
F06	11048	17-2	0700	Thu	Russian diplo/intel. 11166 70202 15972 16026 01739 and 11166 70202 48732 16027 01679	FSK 200/1000	(AB)
F06	9244	17-2	0710	Thu	Russian diplo/intel. 11166 70202 15972 16026 01739 and 11166 70202 48732 16027 01679	FSK 200/1000	(AB)
F06	7319	17-2	0720	Thu	Russian diplo/intel. 11166 70202 15972 16026 01739 and 11166 70202 48732 16027 01679	FSK 200/1000	(AB)
F06	11164	17-2	1200	Thu	Russian diplo/intel. 11166 70202 15972 16026 01739 and 11166 70202 48732 16027 01679	FSK 200/1000	(AB)
F06	9164	17-2	1220	Thu	Russian diplo/intel. 11166 70202 15972 16026 01739 and 11166 70202 48732 16027 01679	FSK 200/1000	(AB)
F06	7617	17-2	1240	Thu	Russian diplo/intel. 11166 70202 15972 16026 01739 and 11166 70202 48732 16027 01679	FSK 200/1000	(AB)
F06	14983	17-2	1330	Thu	Russian diplo/intel. 11166 80214 62743 17081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12196	17-2	1340	Thu	Russian diplo/intel. 11166 80214 62743 17081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9917	17-2	1350	Thu	Russian diplo/intel. 11166 80214 62743 17081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11048	18-2	0700	Fri	Russian diplo/intel. 11166 70202 45632 18053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9244	18-2	0710	Fri	Russian diplo/intel. 11166 70202 45632 18053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7319	18-2	0720	Fri	Russian diplo/intel. 11166 70202 45632 18053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7954	19-2	1400	Sat	Russian diplo/intel. 11100 00000 32498 18040 02079	FSK 200/1000	(PY/AB)
F06	5452	19-2	1410	Sat	Russian diplo/intel. 11100 00000 32498 18040 02079	FSK 200/1000	(PY)
F06	4035	19-2	1420	Sat	Russian diplo/intel. 11100 00000 32498 18040 02079	FSK 200/1000	(PY)
F06	10687	20-2	1030	Sun	Russian diplo/intel. 11100 00000 32498 18040 02079	FSK 200/1000	(PY/AB)
F06	7992	20-2	1040	Sun	Russian diplo/intel. 11100 00000 32498 18040 02079	FSK 200/1000	(PY)
F06	5913	20-2	1050	Sun	Russian diplo/intel. 11100 00000 32498 18040 02079	FSK 200/1000	(PY)
F06	13464	20-2	1530	Sun	Russian diplo/intel. 11166 10053 78451 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11548	20-2	1540	Sun	Russian diplo/intel. 11166 10053 78451 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9323	20-2	1550	Sun	Russian diplo/intel. 11166 10053 78451 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	6866	21-2	0500	Mon	Russian diplo/intel. 11166 70059 75632 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5326	21-2	0510	Mon	Russian diplo/intel. 11166 70059 75632 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	4616	21-2	0520	Mon	Russian diplo/intel. 11166 70059 75632 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11048	21-2	0700	Mon	Russian diplo/intel. 11166 70202 32561 18028 02399	FSK 200/1000	(AB)
F06	9244	21-2	0710	Mon	Russian diplo/intel. 11166 70202 32561 18028 02399	FSK 200/1000	(AB)
F06	7319	21-2	0720	Mon	Russian diplo/intel. 11166 70202 32561 18028 02399	FSK 200/1000	(AB)
F06	11164	21-2	1200	Mon	Russian diplo/intel. 11166 70202 32561 18028 02399	FSK 200/1000	(AB/MPJ)
F06	9164	21-2	1220	Mon	Russian diplo/intel. 11166 70202 32561 18028 02399	FSK 200/1000	(AB/MPJ)
F06	7617	21-2	1240	Mon	Russian diplo/intel. 11166 70202 32561 18028 02399	FSK 200/1000	(AB/MPJ)
F06	11048	22-2	0700	Tue	Russian diplo/intel. 11166 70202 79465 21029 01899 and 11166 70202 79465 21029 01899	FSK 200/1000	(AB)
F06	9244	22-2	0710	Tue	Russian diplo/intel. 11166 70202 79465 21029 01899 and 11166 70202 79465 21029 01899	FSK 200/1000	(AB)
F06	7319	22-2	0720	Tue	Russian diplo/intel. 11166 70202 79465 21029 01899 and 11166 70202 79465 21029 01899	FSK 200/1000	(AB)
F06	11164	22-2	1200	Tue	Russian diplo/intel. 11166 70202 79465 21029 01899 and 11166 70202 79465 21029 01899	FSK 200/1000	(AB/MPJ-HNG)
F06	9164	22-2	1210	Tue	Russian diplo/intel. 11166 70202 79465 21029 01899 and 11166 70202 79465 21029 01899	FSK 200/1000	(AB/MPJ-HNG)
F06	7617	22-2	1220	Tue	Russian diplo/intel. 11166 70202 79465 21029 01899 and 11166 70202 79465 21029 01899	FSK 200/1000	(AB/MPJ-HNG)
F06	13374	22-2	1650	Tue	Russian diplo/intel. 11166 10053 36925 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11165	22-2	1700	Tue	Russian diplo/intel. 11166 10053 48265 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9219	22-2	1710	Tue	Russian diplo/intel. 11166 10053 48265 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	20072	23-2	0600	Wed	Russian diplo/intel. 11166 40122 20147 19089 03729	FSK 200/1000	(AB-IND)
F06	18291	23-2	0610	Wed	Russian diplo/intel. 11166 40122 20147 19089 03729	FSK 200/1000	(AB-J)
F06	16071	23-2	0620	Wed	Russian diplo/intel. 11166 40122 20147 19089 03729	FSK 200/1000	(AB-J)
F06	11048	23-2	0700	Wed	Russian diplo/intel. 11166 70202 24697 22031 02379	FSK 200/1000	(AB)
F06	9244	23-2	0710	Wed	Russian diplo/intel. 11166 70202 24697 22031 02379	FSK 200/1000	(AB)
F06	7319	23-2	0720	Wed	Russian diplo/intel. 11166 70202 24697 22031 02379	FSK 200/1000	(AB)
F06	20869	23-2	0900	Wed	Russian diplo/intel. 11166 00052 67321 23004 01529	FSK 200/1000	(AB)
F06	18691	23-2	0910	Wed	Russian diplo/intel. 11166 00052 67321 23004 01529	FSK 200/1000	(AB)
F06	16253	23-2	0920	Wed	Russian diplo/intel. 11166 00052 67321 23004 01529	FSK 200/1000	(AB)
F06	11164	23-2	1200	Wed	Russian diplo/intel. 11166 70202 24697 22031 02379	FSK 200/1000	(AB)
F06	9164	23-2	1220	Wed	Russian diplo/intel. 11166 70202 24697 22031 02379	FSK 200/1000	(AB)
F06	7617	23-2	1240	Wed	Russian diplo/intel. 11166 70202 24697 22031 02379	FSK 200/1000	(AB)
F06	20072	24-2	0600	Thu	Russian diplo/intel. 11166 40122 20147 19089 03729	FSK 200/1000	(AB-IND)
F06	18291	24-2	0610	Thu	Russian diplo/intel. 11166 40122 20147 19089 03729	FSK 200/1000	(AB-J)
F06	16071	24-2	0620	Thu	Russian diplo/intel. 11166 40122 20147 19089 03729	FSK 200/1000	(AB-J)
F06	11048	24-2	0700	Thu	Russian diplo/intel. 11166 70202 14758 22032 02159 and 11166 70202 36925 22033 02139	FSK 200/1000	(AB)
F06	9244	24-2	0710	Thu	Russian diplo/intel. 11166 70202 14758 22032 02159 and 11166 70202 36925 22033 02139	FSK 200/1000	(AB)
F06	7319	24-2	0720	Thu	Russian diplo/intel. 11166 70202 14758 22032 02159 and 11166 70202 36925 22033 02139	FSK 200/1000	(AB)
F06	20869	24-2	0900	Thu	Russian diplo/intel. 11166 00052 67321 23004 01529	FSK 200/1000	(AB)
F06	18691	24-2	0910	Thu	Russian diplo/intel. 11166 00052 67321 23004 01529	FSK 200/1000	(AB)
F06	16253	24-2	0920	Thu	Russian diplo/intel. 11166 00052 67321 23004 01529	FSK 200/1000	(AB)
F06	11164	24-2	1200	Thu	Russian diplo/intel. 11166 70202 14758 22032 02159 and 11166 70202 36925 22033 02139	FSK 200/1000	(AB/MPJ)
F06	9164	24-2	1220	Thu	Russian diplo/intel. 11166 70202 14758 22032 02159 and 11166 70202 36925 22033 02139	FSK 200/1000	(AB/MPJ)
F06	7617	24-2	1240	Thu	Russian diplo/intel. 11166 70202 14758 22032 02159 and 11166 70202 36925 22033 02139	FSK 200/1000	(AB/MPJ)
F06	14983	24-2	1330	Thu	Russian diplo/intel. 11166 80214 14523 17081 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	12196	24-2	1340	Thu	Russian diplo/intel. 11166 80214 14523 17081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	9917	24-2	1350	Thu	Russian diplo/intel. 11166 80214 14523 17081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11048	25-2	0700	Fri	Russian diplo/intel. 11166 70202 29478 25015 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9244	25-2	0710	Fri	Russian diplo/intel. 11166 70202 29478 25015 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7319	25-2	0720	Fri	Russian diplo/intel. 11166 70202 29478 25015 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7954	26-2	1400	Sat	Russian diplo/intel. 11100 00000 69812 25041 01759	FSK 200/1000	(AB)
F06	5452	26-2	1410	Sat	Russian diplo/intel. 11100 00000 69812 25041 01759	FSK 200/1000	(AB)
F06	4035	26-2	1420	Sat	Russian diplo/intel. 11100 00000 69812 25041 01759	FSK 200/1000	(AB)
F06	10687	27-2	1030	Sun	Russian diplo/intel. 11100 00000 69812 25041 01759	FSK 200/1000	(AB)
F06	7992	27-2	1040	Sun	Russian diplo/intel. 11100 00000 69812 25041 01759	FSK 200/1000	(AB)
F06	5913	27-2	1050	Sun	Russian diplo/intel. 11100 00000 69812 25041 01759	FSK 200/1000	(AB)
F06	13464	27-2	1530	Sun	Russian diplo/intel. 11166 10053 45698 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11548	27-2	1540	Sun	Russian diplo/intel. 11166 10053 45698 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9323	27-2	1550	Sun	Russian diplo/intel. 11166 10053 45698 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11048	28-2	0700	Mon	Russian diplo/intel. 11166 70202 31648 25034 02599	FSK 200/1000	(AB)
F06	9244	28-2	0710	Mon	Russian diplo/intel. 11166 70202 31648 25034 02599	FSK 200/1000	(AB)
F06	7319	28-2	0720	Mon	Russian diplo/intel. 11166 70202 31648 25034 02599	FSK 200/1000	(AB)
F06	11164	28-2	1200	Mon	Russian diplo/intel. 11166 70202 31648 25034 02599	FSK 200/1000	(AB/MPJ)
F06	9164	28-2	1220	Mon	Russian diplo/intel. 11166 70202 31648 25034 02599	FSK 200/1000	(AB/MPJ)
F06	7617	28-2	1240	Mon	Russian diplo/intel. 11166 70202 31648 25034 02599	FSK 200/1000	(AB/MPJ)
F06a	11048	2-2	0700	Wed	Russian diplo/intel. File 44413	FSK 200/1000	(AB)
F06a	9244	2-2	0710	Wed	Russian diplo/intel. File 44413	FSK 200/1000	(AB)
F06a	7319	2-2	0720	Wed	Russian diplo/intel. File 44413	FSK 200/1000	(AB)
F06a	6909	3-2	0500	Thu	Russian diplo/intel. File 44413	USB	(AB)
F06a	5796	3-2	0515	Thu	Russian diplo/intel. File 44413	USB	(AB)
F06a	4839	3-2	0530	Thu	Russian diplo/intel. File 44413	USB	(AB)
F06a	11048	3-2	0700	Thu	Russian diplo/intel. Files 44414 and 44415	FSK 200/1000	(AB)
F06a	9244	3-2	0710	Thu	Russian diplo/intel. Files 44414 and 44415	FSK 200/1000	(AB)
F06a	7319	3-2	0720	Thu	Russian diplo/intel. Files 44414 and 44415	FSK 200/1000	(AB)
F06a	11164	3-2	1200	Thu	Russian diplo/intel. Files 44414 and 44415	FSK 200/1000	(AB)
F06a	9164	3-2	1220	Thu	Russian diplo/intel. Files 44414 and 44415	FSK 200/1000	(AB)
F06a	7617	3-2	1240	Thu	Russian diplo/intel. Files 44414 and 44415	FSK 200/1000	(AB)
F06a	6909	4-2	0500	Fri	Russian diplo/intel. File 44413	USB	(AB)
F06a	5796	4-2	0515	Fri	Russian diplo/intel. File 44413	USB	(AB)
F06a	4839	4-2	0530	Fri	Russian diplo/intel. File 44413	USB	(AB)
F06a	19325	5-2	1500	Sat	Russian diplo/intel. File 04407	FSK 200/1000	(AB/MPJ)
F06a	17513	5-2	1515	Sat	Russian diplo/intel. File 04407	FSK 200/1000	(AB/MPJ)
F06a	15766	5-2	1530	Sat	Russian diplo/intel. File 04407	FSK 200/1000	(AB/MPJ)
F06a	19325	6-2	1500	Sun	Russian diplo/intel. File 04407	FSK 200/1000	(AB/MPJ/RL)
F06a	17513	6-2	1515	Sun	Russian diplo/intel. File 04407	FSK 200/1000	(AB/MPJ)
F06a	15766	6-2	1530	Sun	Russian diplo/intel. File 04407	FSK 200/1000	(AB/MPJ)
F06a	11048	7-2	0700	Mon	Russian diplo/intel. File 44416	FSK 200/1000	(AB)
F06a	9244	7-2	0710	Mon	Russian diplo/intel. File 44416	FSK 200/1000	(AB)

F06a	7319	7-2	0720	Mon	Russian diplo/intel. File 44416	FSK 200/1000	(AB)
F06a	11164	8-2	1200	Tue	Russian diplo/intel. Files 44417 and 44418	FSK 200/1000	(AB)
F06a	9164	8-2	1210	Tue	Russian diplo/intel. Files 44417 and 44418	FSK 200/1000	(AB)
F06a	7617	8-2	1220	Tue	Russian diplo/intel. Files 44417 and 44418	FSK 200/1000	(AB)
F06a	11048	9-2	0700	Wed	Russian diplo/intel. File 44419	FSK 200/1000	(AB)
F06a	9244	9-2	0710	Wed	Russian diplo/intel. File 44419	FSK 200/1000	(AB)
F06a	7319	9-2	0720	Wed	Russian diplo/intel. File 44419	FSK 200/1000	(AB)
F06a	6909	10-2	0500	Thu	Russian diplo/intel. File 04414	USB	(AB)
F06a	5796	10-2	0515	Thu	Russian diplo/intel. File 04414	USB	(AB)
F06a	4839	10-2	0530	Thu	Russian diplo/intel. File 04414	USB	(AB)
F06a	5089	10-2	1020	Thu	Russian diplo/intel. File 04485	FSK 200/1000	(PY)
F06a	7337	10-2	1035	Thu	Russian diplo/intel. File 04485	FSK 200/1000	(PY)
F06a	9481	10-2	1050	Thu	Russian diplo/intel. File 04485	FSK 200/1000	(PY)
F06a	6909	11-2	0500	Fri	Russian diplo/intel. File 04414	USB	(AB)
F06a	5796	11-2	0515	Fri	Russian diplo/intel. File 04414	USB	(AB)
F06a	4839	11-2	0530	Fri	Russian diplo/intel. File 04414	USB	(AB)
F06a	19325	12-2	1500	Sat	Russian diplo/intel. File 04408	FSK 200/1000	(AB/MPJ)
F06a	17513	12-2	1515	Sat	Russian diplo/intel. File 04408	FSK 200/1000	(AB/MPJ)
F06a	15766	12-2	1530	Sat	Russian diplo/intel. File 04408	FSK 200/1000	(AB/MPJ)
F06a	19325	13-2	1500	Sun	Russian diplo/intel. File 04408	FSK 200/1000	(AB/MPJ)
F06a	17513	13-2	1515	Sun	Russian diplo/intel. File 04408	FSK 200/1000	(AB/MPJ)
F06a	15766	13-2	1530	Sun	Russian diplo/intel. File 04408	FSK 200/1000	(AB/MPJ)
F06a	6909	17-2	0500	Thu	Russian diplo/intel. File 04415	USB	(AB)
F06a	5796	17-2	0515	Thu	Russian diplo/intel. File 04415	USB	(AB)
F06a	4839	17-2	0530	Thu	Russian diplo/intel. File 04415	USB	(AB)
F06a	6909	18-2	0500	Fri	Russian diplo/intel. File 04415	USB	(AB)
F06a	5796	18-2	0515	Fri	Russian diplo/intel. File 04415	USB	(AB)
F06a	4839	18-2	0530	Fri	Russian diplo/intel. File 04415	USB	(AB)
F06a	15991	18-2	0900	Fri	Russian diplo/intel. File 44474 binary contents but starting with \r\n\r\n\r\n	FSK 200/1000	(linkz)
F06a	19325	19-2	1500	Sat	Russian diplo/intel. File 04409	FSK 200/1000	(MPJ)
F06a	17513	19-2	1515	Sat	Russian diplo/intel. File 04409	FSK 200/1000	(MPJ)
F06a	15766	19-2	1530	Sat	Russian diplo/intel. File 04409	FSK 200/1000	(MPJ)
F06a	19325	20-2	1500	Sun	Russian diplo/intel. File 04409	FSK 200/1000	(AB-RUS/MPJ/RL)
F06a	17513	20-2	1515	Sun	Russian diplo/intel. File 04409	FSK 200/1000	(AB-RUS/MPJ)
F06a	15766	20-2	1530	Sun	Russian diplo/intel. File 04409	FSK 200/1000	(AB/MPJ)
F06a	6909	24-2	0500	Thu	Russian diplo/intel. File 44416	USB	(AB)
F06a	5796	24-2	0515	Thu	Russian diplo/intel. File 44416	USB	(AB)
F06a	4839	24-2	0530	Thu	Russian diplo/intel. File 44416	USB	(AB)
F06a	6909	25-2	0500	Fri	Russian diplo/intel. File 44416	USB	(AB)
F06a	5796	25-2	0515	Fri	Russian diplo/intel. File 44416	USB	(AB)
F06a	4839	25-2	0530	Fri	Russian diplo/intel. File 44416	USB	(AB)
F06a	6957	25-2	0600	Fri	Russian diplo/intel. File 04459	FSK 200/1000	(PY)

F06a	9425	25-2	0615	Fri	Russian diplo/intel. File 04459	FSK 200/1000	(PY)
F06a	11611	25-2	0630	Fri	Russian diplo/intel. File 04459	FSK 200/1000	(PY)
F06a	8075	25-2	0700	Fri	Russian diplo/intel. File 04459	FSK 200/1000	(linkz)
F06a	10576	25-2	0715	Fri	Russian diplo/intel. File 04459	FSK 200/1000	(linkz)
F06a	12211	25-2	0730	Fri	Russian diplo/intel. File 04459 (Wrong freq: 0730z 12201 kHz, switched at 0733z to 12211 kHz)	FSK 200/1000	(linkz)
F06a	19325	26-2	1500	Sat	Russian diplo/intel. File 04410	FSK 200/1000	(AB/MPJ/RL)
F06a	17513	26-2	1515	Sat	Russian diplo/intel. File 04410	FSK 200/1000	(AB/MPJ/RL)
F06a	15766	26-2	1530	Sat	Russian diplo/intel. File 04410	FSK 200/1000	(AB/MPJ/RL)
F06a	19325	27-2	1500	Sun	Russian diplo/intel. File 04410	FSK 200/1000	(AB/MPJ)
F06a	17513	27-2	1515	Sun	Russian diplo/intel. File 04410	FSK 200/1000	(AB/MPJ)
F06a	15766	27-2	1530	Sun	Russian diplo/intel. File 04410	FSK 200/1000	(AB/MPJ)
HM01	11435	1-2	1608	Tue	76364 34333 86271 01128 87525 20061	AM/RDFT	(RR2)
HM01	11435	1-2	1634	Tue	i.p. 76364 34333 86271 01128 87525 20061	AM/RDFT	(AB-USA)
HM01	11435	2-2	1607	Wed	76365 34334 86272 32121 87526 20062	AM/RDFT	(RR2)
HM01	11530	2-2	1658	Wed	i.p. 76365 34334 86272 32121 87526 20062	AM/RDFT	(AB-USA)
HM01	11435	3-2	1655	Thu	76366 34335 86273 32121 87527 20063. Should be on 11530 kHz	AM/RDFT	(RR2)
HM01	11435	4-2	1600	Fri	76367 34336 86274 32122 75571 20064	AM/RDFT	(RR2)
HM01	11635	4-2	1754	Fri	76367 34336 86274 32122 75571 20064	AM/RDFT	(AB-USA)
HM01	11435	5-2	1600	Sat	76368 34337 86275 32123 75571 20065	AM/RDFT	(RR2)
HM01	11635	5-2	1810	Sat	i.p. 76368 34337 86275 32123 75571 20065	AM/RDFT	(AB-USA)
HM01	11435	6-2	1622	Sun	76369 34338 86276 32124 75572 20066	AM/RDFT	(RR2)
HM01	11435	6-2	1630	Sun	i.p. 76369 34338 86276 32124 75572 20066	AM/RDFT	(AB-USA)
HM01	11530	7-2	1659	Mon	73251 67171 86277 32125 75573 20067	AM/RDFT	(AB-USA)
HM01	11530	7-2	1700	Mon	73251 67171 86277 32125 75573 20067	AM/RDFT	(RR2)
HM01	11435	8-2	1600	Tue	73251 67171 86278 32126 75574 82001	AM/RDFT	(RR2)
HM01	11530	9-2	1705	Wed	i.p. 73252 67172 57711 32127 75575 82001	AM/RDFT	(AB-USA)
HM01	11635	9-2	1800	Wed	73252 67172 57711 32127 75575 82001	AM/RDFT	(RR2)
M01	5320	1-2	1800	Tue	197 217 217 30 30 == 82638 63917 94628 ...95643 95740 64822 == 217 217 30 30 000	CW	(AB-HNG/MPJ)
M01	4490	1-2	2000	Tue	197 422 422 30 30 == 74302 74936 53821 ... 2975 69473 18643 == 422 422 30 30 000	CW	(AB)
M01	4490	3-2	2000	Thu	197 556 556 30 30 == 12345 65432 99009 ... 87654 44665 77889 == 556 556 30 30 000 Lots of sequential groups	CW	(AB)
M01	5810	5-2	1500	Sat	197 540 540 30 30 == 23121 44522 53142 ... 00010 32378 87992 540 540 30 30 000	CW	(AB-RUS)
M01	5465	6-2	0700	Sun	197 093 093 30 30 == 72341 63231 38980 ... 78902 45321 78987 == 093 093 30 30 000	CW	(AB-FIN)
M01	5320	10-2	1800	Thu	197 817 817 30 30 == 92736 52746 51836 ... 84763 62746 84637 == 817 817 30 30 000	CW	(AB/MPJ)
M01	4490	10-2	2000	Thu	197 298 298 30 30 == 73628 61548 53692 ... 92635 83627 64837 == 298 298 30 30 000	CW	(AB)
M01	5810	12-2	1500	Sat	197 746 746 30 30 == 12345 54321 09876 ... 65432 12345 54321 == 647 647 30 30 000	CW	(AB-RUS/MPJ)
M01	5465	13-2	0700	Sun	197 647 647 30 30 == 77665 12345 65432 ... 657 665 8876875 467 468 == 647 647 30 30 000. A mess after group 23	CW	(AB-FIN)
M01	5320	17-2	1800	Thu	197 669 669 30 30 == 51567 87960 45456 ... 16165 23234 67489 == 669 669 30 30 000	CW	(AB-S)
M01	5810	19-2	1500	Sat	197 217 217 30 30 == 83647 41846 93648 ... 52746 57465 63547 == 217 217 30 30 000	CW	(AB-RUS/MPJ-HNG)
M01	5465	20-2	0700	Sun	197 621 621 30 30 == 74653 83645 83645 ... 64717 64928 64726 == 621 621 30 30 000	CW	(AB-FIN)
M01	5320	22-2	1759	Tue	197 222 222 30 30 == 83726 51637 94736 ... 52437 21648 72635 == 222 222 30 30 000	CW	(AB-FIN)

M01	5320	24-2	1800	Thu	Mostly sequential groups. 197 876 876 30 30 = = 76543 23456 12345 ... 12345 54321 87654 = = 876 876 30 30 000	CW	(AB/MPJ-HNG)
M01	5810	26-2	1500	Sat	197 378 378 30 30 = = 17896 56564 17176 ... 15156 27279 11334 = = 378 378 30 30 0 0 0	CW	(MPJ)
M01	5465	27-2	0700	Sun	197 541 541 30 30 = = 48908 12367 89765 ... 27289 23456 09876 541 541 30 30 = = 000	CW	(AB-RUS)
M01a	4902	12-2	0851	Sat	659 659 659 82892 82892 333 333 333 050	CW	(F5JBR)
M01a	4651	17-2	1145	Thu	522 522 522 111 999 522 522 522 111 999 522 522 522 111 999	FSK CW	(AB)
M01a	4651	17-2	1148	Thu	213 20 = 85412 42306 86703 ... 70787 06784 67923 = 213 20	FSK CW	(AB)
M01a	4651	17-2	1152	Thu	522 522 522 111 000 522 522 522 111 000 522 522 522 111 000 522 522 522 111 000	FSK CW	(AB)
M12	5734	1-2	0030	Tue	786 786 786 000	CW	(AB/HFD)
M12	6834	1-2	0050	Tue	786 786 786 000	CW	(AB/HFD)
M12	17415	2-2	0800	Wed	427 427 427 000	CW	(AB/HFD)
M12	18215	2-2	0820	Wed	427 427 427 000	CW	(AB/HFD)
M12	7674	2-2	2000	Wed	687 687 687 000	CW	(AB/HFD)
M12	6874	2-2	2020	Wed	687 687 687 000	CW	(AB/HFD)
M12	13386	3-2	1110	Thu	725 725 725 1 8657 94 8657 94 08307 27067 58018 ... 27456 00915 91670 000 000	CW	(AB)
M12	12189	3-2	1130	Thu	725 725 725 1 8657 94 8657 94 08307 27067 58018 ... 27456 00915 91670 000 000	CW	(AB)
M12	11491	3-2	1150	Thu	725 725 725 1 8657 94 8657 94 08307 27067 58018 ... 27456 00915 91670 000 000	CW	(AB)
M12	19373	3-2	1400	Thu	341 341 341 000	CW	(AB/HFD)
M12	17473	3-2	1420	Thu	341 341 341 000	CW	(AB/HFD)
M12	6937	3-2	2210	Thu	975 975 975 000	CW	(AB/RL)
M12	5737	3-2	2230	Thu	975 975 975 000	CW	(AB/RL)
M12	9362	3-2	2300	Thu	451 451 451 000	CW	(RL)
M12	8062	3-2	2320	Thu	451 451 451 000	CW	(RL)
M12	5734	4-2	0030	Fri	786 786 786 000	CW	(AB)
M12	6834	4-2	0050	Fri	786 786 786 000	CW	(AB)
M12	7674	4-2	2000	Fri	687 687 687 000	CW	(AB)
M12	6874	4-2	2020	Fri	687 687 687 000	CW	(AB)
M12	5832	4-2	2200	Fri	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	6832	4-2	2220	Fri	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	7732	4-2	2240	Fri	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	11435	5-2	1800	Sat	938 938 938 1 6554 72 6554 72 4264 64264 70921 63736 ... 81897 43109 88118 000 000	CW	(AB)
M12	10598	5-2	1820	Sat	938 938 938 1 6554 72 6554 72 4264 64264 70921 63736 ... 81897 43109 88118 000 000	CW	(AB)
M12	9327	5-2	1840	Sat	938 938 938 1 6554 72 6554 72 4264 64264 70921 63736 ... 81897 43109 88118 000 000	CW	(AB)
M12	5832	5-2	2200	Sat	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	6832	5-2	2220	Sat	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	7732	5-2	2240	Sat	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	17415	6-2	0800	Sun	427 427 427 000	CW	(AB)
M12	18215	6-2	0820	Sun	427 427 427 000	CW	(AB)
M12	14377	7-2	1130	Mon	317 317 317 1 9805 97 9805 97 62515 55796 70849 ... 18998 33395 34545 000 000	CW	(AB/MPJ)
M12	13461	7-2	1150	Mon	317 317 317 1 9805 97 9805 97 62515 55796 70849 ... 18998 33395 34545 000 000	CW	(AB/MPJ)
M12	12114	7-2	1210	Mon	317 317 317 1 9805 97 9805 97 62515 55796 70849 ... 18998 33395 34545 000 000	CW	(AB/MPJ)

M12	19373	7-2	1400	Mon	341 341 341 1 572 75 572 75 51579 02749 75721 ... 39601 14956 65911 000 000	CW	(AB/MPJ)
M12	17473	7-2	1420	Mon	341 341 341 1 572 75 572 75 51579 02749 75721 ... 39601 14956 65911 000 000	CW	(AB/MPJ)
M12	16173	7-2	1440	Mon	341 341 341 1 572 75 572 75 51579 02749 75721 ... 39601 14956 65911 000 000	CW	(AB/MPJ)
M12	6937	7-2	2210	Mon	975 975 975 1 4682 64 4682 64 87547 70850 86513 ... 45465 07470 52873 000 000	CW	(AB/HFD)
M12	5737	7-2	2230	Mon	975 975 975 1 4682 64 4682 64 87547 70850 86513 ... 45465 07470 52873 000 000	CW	(AB/HFD)
M12	4537	7-2	2250	Mon	975 975 975 1 4682 64 4682 64 87547 70850 86513 ... 45465 07470 52873 000 000	CW	(AB/HFD)
M12	5734	8-2	0030	Tue	786 786 786 1 8505 76 8505 76 61280 75796 97303 ... 32698 23208 15813 000 000	CW	(AB)
M12	6834	8-2	0050	Tue	786 786 786 1 8505 76 8505 76 61280 75796 97303 ... 32698 23208 15813 000 000	CW	(AB)
M12	7634	8-2	0110	Tue	786 786 786 1 8505 76 8505 76 61280 75796 97303 ... 32698 23208 15813 000 000	CW	(AB)
M12	17415	9-2	0800	Wed	427 427 427 1 688 84 688 84 31004 71899 58955 ... 68395 44829 62459 000 000	CW	(AB)
M12	18215	9-2	0820	Wed	427 427 427 1 688 84 688 84 31004 71899 58955 ... 68395 44829 62459 000 000	CW	(AB)
M12	18715	9-2	0840	Wed	427 427 427 1 688 84 688 84 31004 71899 58955 ... 68395 44829 62459 000 000	CW	(AB)
M12	7674	9-2	2000	Wed	687 687 687 1 5851 71 5851 71 52593 69770 59320 ... 66023 78755 74469 000 000	CW	(AB)
M12	6874	9-2	2020	Wed	687 687 687 1 5851 71 5851 71 52593 69770 59320 ... 66023 78755 74469 000 000	CW	(AB)
M12	5774	9-2	2040	Wed	687 687 687 1 5851 71 5851 71 52593 69770 59320 ... 66023 78755 74469 000 000	CW	(AB)
M12	17451	10-2	0100	Thu	418 418 418 1 ...	CW	(HFD-J)
M12	11464	10-2	0110	Thu	441 441 441 1 ...	CW	(HFD)
M12	16151	10-2	0120	Thu	418 418 418 1 ...	CW	(HFD-J)
M12	10464	10-2	0130	Thu	441 441 441 1 ...	CW	(HFD)
M12	15851	10-2	0140	Thu	418 418 418 1 ...	CW	(HFD)
M12	9164	10-2	0150	Thu	441 441 441 1 ...	CW	(HFD)
M12	13386	10-2	1110	Thu	725 725 725 1 6987 98 6987 98 68512 65216 60215 ... 33205 26146 09945 000 000	CW	(AB)
M12	12189	10-2	1130	Thu	725 725 725 1 6987 98 6987 98 68512 65216 60215 ... 33205 26146 09945 000 000	CW	(AB)
M12	11491	10-2	1150	Thu	725 725 725 1 6987 98 6987 98 68512 65216 60215 ... 33205 26146 09945 000 000	CW	(AB)
M12	19373	10-2	1400	Thu	341 341 341 1 572 75 573 75 51576 02749 75721 ... 39601 14956 6591 000 000	CW	(AB/MPJ)
M12	17473	10-2	1420	Thu	341 341 341 1 572 75 573 75 51576 02749 75721 ... 39601 14956 6591 000 000	CW	(AB/MPJ)
M12	16173	10-2	1440	Thu	341 341 341 1 572 75 573 75 51576 02749 75721 ... 39601 14956 6591 000 000	CW	(AB/MPJ)
M12	6937	10-2	2210	Thu	975 975 975 1 4682 64 4682 64 87547 70850 86513 ... 45465 07470 52873 000 000	CW	(AB)
M12	5737	10-2	2230	Thu	975 975 975 1 4682 64 4682 64 87547 70850 86513 ... 45465 07470 52873 000 000	CW	(AB)
M12	4537	10-2	2250	Thu	975 975 975 1 4682 64 4682 64 87547 70850 86513 ... 45465 07470 52873 000 000	CW	(AB)
M12	9362	10-2	2300	Thu	451 1 760 97 76770 12586 11909 ... 26812 49046 60671 000 000	CW	(RL/HFD)
M12	8062	10-2	2320	Thu	451 1 760 97 76770 12586 11909 ... 26812 49046 60671 000 000	CW	(RL/HFD)
M12	7462	10-2	2340	Thu	451 1 760 97 76770 12586 11909 ... 26812 49046 60671 000 000	CW	(RL/HFD)
M12	17461	11-2	0010	Fri	418 418 418 1 ...	CW	(HFD)
M12	5734	11-2	0030	Fri	786 786 786 1 8505 76 8505 76 61280 75796 97303 ... 32698 23208 15813 000 000	CW	(AB)
M12	16161	11-2	0030	Fri	418 418 418 1 ...	CW	(HFD)
M12	6834	11-2	0050	Fri	786 786 786 1 8505 76 8505 76 61280 75796 97303 ... 32698 23208 15813 000 000	CW	(AB)
M12	15861	11-2	0050	Fri	418 418 418 1 ...	CW	(HFD)
M12	7634	11-2	0110	Fri	786 786 786 1 8505 76 8505 76 61280 75796 97303 ... 32698 23208 15813 000 000	CW	(AB)
M12	7674	11-2	2000	Fri	687 687 687 1 5851 71 5851 71 52593 69770 59320 ... 66023 78755 74469 000 000	CW	(AB)
M12	6874	11-2	2020	Fri	687 687 687 1 5851 71 5851 71 52593 69770 59320 ... 66023 78755 74469 000 000	CW	(AB)
M12	5774	11-2	2040	Fri	687 687 687 1 5851 71 5851 71 52593 69770 59320 ... 66023 78755 74469 000 000	CW	(AB)

M12	5832	11-2	2200	Fri	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	6832	11-2	2220	Fri	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	7732	11-2	2240	Fri	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB)
M12	11435	12-2	1800	Sat	938 938 938 1 4869 77 4869 77 02716 49506 35724 ... 36437 99333 54361 000 000	CW	(AB)
M12	10598	12-2	1820	Sat	938 938 938 1 4869 77 4869 77 02716 49506 35724 ... 36437 99333 54361 000 000	CW	(AB)
M12	9327	12-2	1840	Sat	938 938 938 1 4869 77 4869 77 02716 49506 35724 ... 36437 99333 54361 000 000	CW	(AB)
M12	5832	12-2	2200	Sat	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB/HFD)
M12	6832	12-2	2220	Sat	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB/HFD)
M12	7732	12-2	2240	Sat	877 887 887 1 1562 102 1562 102 91204 69942 52193 ... 77499 80057 43769 000 000	CW	(AB/HFD)
M12	17415	13-2	0800	Sun	427 427 427 1 688 84 688 84 31004 71899 58955 ... 68395 44829 62459 000 000	CW	(AB)
M12	18215	13-2	0820	Sun	427 427 427 1 688 84 688 84 31004 71899 58955 ... 68395 44829 62459 000 000	CW	(AB)
M12	18715	13-2	0840	Sun	427 427 427 1 688 84 688 84 31004 71899 58955 ... 68395 44829 62459 000 000	CW	(AB)
M12	14377	14-2	1130	Mon	317 317 317 1 1652 7 1652 97 31181 64200 87626 ... 99216 31628 16252 000 000	CW	(AB/MPJ)
M12	13461	14-2	1150	Mon	317 317 317 1 1652 7 1652 97 31181 64200 87626 ... 99216 31628 16252 000 000	CW	(AB/MPJ)
M12	12114	14-2	1210	Mon	317 317 317 1 1652 7 1652 97 31181 64200 87626 ... 99216 31628 16252 000 000	CW	(AB/MPJ)
M12	19373	14-2	1400	Mon	341 341 341 000	CW	(AB)
M12	17473	14-2	1420	Mon	341 341 341 000	CW	(AB)
M12	6937	14-2	2210	Mon	975 975 975 000	CW	(AB)
M12	5737	14-2	2230	Mon	975 975 975 000	CW	(AB)
M12	9362	14-2	2300	Mon	451 451 451 000	CW	(AB)
M12	8062	14-2	2320	Mon	451 451 451 000	CW	(AB)
M12	5734	15-2	0030	Tue	786 786 786 000	CW	(AB)
M12	6834	15-2	0050	Tue	786 786 786 000	CW	(AB)
M12	17415	16-2	0800	Wed	427 427 427 000	CW	(AB)
M12	18215	16-2	0820	Wed	427 427 427 000	CW	(AB)
M12	7674	16-2	2000	Wed	687 687 687 000	CW	(AB)
M12	6874	16-2	2020	Wed	687 687 687 000	CW	(AB)
M12	13386	17-2	1110	Thu	725 725 725 1 4429 90 4429 90 45906 45095 25939 ... 74306 76076 15732 000 000	CW	(AB/MPJ)
M12	12189	17-2	1130	Thu	725 725 725 1 4429 90 4429 90 45906 45095 25939 ... 74306 76076 15732 000 000	CW	(AB/MPJ)
M12	11491	17-2	1150	Thu	725 725 725 1 4429 90 4429 90 45906 45095 25939 ... 74306 76076 15732 000 000	CW	(AB/MPJ)
M12	19373	17-2	1400	Thu	341 341 341 000	CW	(AB)
M12	17473	17-2	1420	Thu	341 341 341 000	CW	(AB)
M12	6937	17-2	2210	Thu	975 975 975 000	CW	(AB)
M12	5737	17-2	2230	Thu	975 975 975 000	CW	(AB)
M12	9362	17-2	2300	Thu	451 451 451 000	CW	(RL)
M12	8062	17-2	2320	Thu	451 451 451 000	CW	(RL)
M12	5734	18-2	0030	Fri	786 786 786 000	CW	(AB)
M12	6834	18-2	0050	Fri	786 786 786 000	CW	(AB)
M12	7674	18-2	2000	Fri	687 687 687 000	CW	(AB)
M12	6874	18-2	2020	Fri	687 687 687 000	CW	(AB)
M12	5832	18-2	2200	Fri	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	6832	18-2	2220	Fri	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)

M12	7732	18-2	2240	Fri	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	11435	19-2	1800	Sat	938 938 938 1 1281 71 1281 71 64845 65980 47516 ... 52220 61966 74897 000 000	CW	(AB)
M12	10598	19-2	1820	Sat	938 938 938 1 1281 71 1281 71 64845 65980 47516 ... 52220 61966 74897 000 000	CW	(AB-CZE)
M12	9327	19-2	1840	Sat	938 938 938 1 1281 71 1281 71 64845 65980 47516 ... 52220 61966 74897 000 000	CW	(AB-CZE)
M12	5832	19-2	2200	Sat	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	6832	19-2	2220	Sat	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	7732	19-2	2240	Sat	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	11464	20-2	0110	Sun	441 441 441 1 2531 98 2351 98 13968 41210 24542 ... 63866 39485 81812 000 000	CW	(AVX)
M12	17415	20-2	0800	Sun	427 427 427 000	CW	(AB)
M12	18215	20-2	0820	Sun	427 427 427 000	CW	(AB)
M12	14377	21-2	1130	Mon	317 317 317 1 1408 92 1408 92 58324 87100 16214 ... 42733 94708 25247 000 000	CW	(AB/MPJ)
M12	13461	21-2	1150	Mon	317 317 317 1 1408 92 1408 92 58324 87100 16214 ... 42733 94708 25247 000 000	CW	(AB/MPJ)
M12	12114	21-2	1210	Mon	317 317 317 1 1408 92 1408 92 58324 87100 16214 ... 42733 94708 25247 000 000	CW	(AB/MPJ)
M12	19373	21-2	1400	Mon	341 341 341 1 9349 64 9349 64 80088 73346 26731 ... 32641 83488 08473 000 000	CW	(AB/MPJ)
M12	17473	21-2	1420	Mon	341 341 341 1 9349 64 9349 64 80088 73346 26731 ... 32641 83488 08473 000 000	CW	(AB/MPJ)
M12	16173	21-2	1440	Mon	341 341 341 1 9349 64 9349 64 80088 73346 26731 ... 32641 83488 08473 000 000	CW	(AB/MPJ)
M12	6937	21-2	2210	Mon	975 975 975 1 773 87 773 87 07521 41980 33941 ... 32984 58049 87887 000 000	CW	(AB)
M12	5737	21-2	2230	Mon	975 975 975 1 773 87 773 87 07521 41980 33941 ... 32984 58049 87887 000 000	CW	(AB)
M12	4537	21-2	2250	Mon	975 975 975 1 773 87 773 87 07521 41980 33941 ... 32984 58049 87887 000 000	CW	(AB)
M12	17415	23-2	0800	Wed	427 427 427 1 378 75 378 75 39285 77138 31656 ... 40160 76964 000 000	CW	(AB)
M12	18215	23-2	0820	Wed	427 427 427 1 378 75 378 75 39285 77138 31656 ... 40160 76964 000 000	CW	(AB)
M12	18715	23-2	0840	Wed	427 427 427 1 378 75 378 75 39285 77138 31656 ... 40160 76964 000 000	CW	(AB)
M12	7674	23-2	2000	Wed	687 687 687 1 4787 68 4787 68 27209 87887 11647 ... 58991 83917 59743 000 000	CW	(AB)
M12	6874	23-2	2020	Wed	687 687 687 1 4787 68 4787 68 27209 87887 11647 ... 58991 83917 59743 000 000	CW	(AB)
M12	5774	23-2	2040	Wed	687 687 687 1 4787 68 4787 68 27209 87887 11647 ... 58991 83917 59743 000 000	CW	(AB)
M12	13386	24-2	1110	Thu	725 725 725 1 1422 92 1422 92 53085 12365 70190 ... 49799 82724 30275 000 000	CW	(AB/MPJ)
M12	12189	24-2	1130	Thu	725 725 725 1 1422 92 1422 92 53085 12365 70190 ... 49799 82724 30275 000 000	CW	(AB/MPJ)
M12	11491	24-2	1150	Thu	725 725 725 1 1422 92 1422 92 53085 12365 70190 ... 49799 82724 30275 000 000	CW	(AB/MPJ)
M12	19373	24-2	1400	Thu	341 341 341 1 9349 64 9349 64 80088 73346 26731 ... 32641 83488 08473 000 000	CW	(AB-KWT)
M12	17473	24-2	1420	Thu	341 341 341 1 9349 64 9349 64 80088 73346 26731 ... 32641 83488 08473 000 000	CW	(AB-KWT)
M12	16173	24-2	1440	Thu	341 341 341 1 9349 64 9349 64 80088 73346 26731 ... 32641 83488 08473 000 000	CW	(AB)
M12	6937	24-2	2210	Thu	975 975 975 1 773 87 773 87 07521 41980 33941 ... 32984 58049 87887 000 000	CW	(AB)
M12	5737	24-2	2230	Thu	975 975 975 1 773 87 773 87 07521 41980 33941 ... 32984 58049 87887 000 000	CW	(AB)
M12	4537	24-2	2250	Thu	975 975 975 1 773 87 773 87 07521 41980 33941 ... 32984 58049 87887 000 000	CW	(AB)
M12	9362	24-2	2300	Thu	451 451 451 1 1963 83 1963 83 54959 72088 89927 ... 21558 60667 12805 000 000	CW	(AB/RL)
M12	7462	24-2	2320	Thu	451 451 451 1 1963 83 1963 83 54959 72088 89927 ... 21558 60667 12805 000 000	CW	(AB/RL)
M12	8062	24-2	2320	Thu	451 451 451 1 1963 83 1963 83 54959 72088 89927 ... 21558 60667 12805 000 000	CW	(AB/RL)
M12	5734	25-2	0030	Fri	786 786 786 1 8723 70 8723 70 12877 87923 43091 ... 68513 68513 61835 000 000	CW	(AB)
M12	6834	25-2	0050	Fri	786 786 786 1 8723 70 8723 70 12877 87923 43091 ... 68513 68513 61835 000 000	CW	(AB)
M12	7634	25-2	0110	Fri	786 786 786 1 8723 70 8723 70 12877 87923 43091 ... 68513 68513 61835 000 000	CW	(AB)
M12	7674	25-2	2000	Fri	687 687 687 1 4787 68 4787 68 27209 87887 11647 ... 58991 83917 59743 000 000	CW	(AB)
M12	6874	25-2	2020	Fri	687 687 687 1 4787 68 4787 68 27209 87887 11647 ... 58991 83917 59743 000 000	CW	(AB)

M12	5774	25-2	2040	Fri	687 687 687 1 4787 68 4787 68 27209 87887 11647 ... 58991 83917 59743 000 000	CW	(AB)
M12	5832	25-2	2200	Fri	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	6832	25-2	2220	Fri	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	7732	25-2	2240	Fri	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	11435	26-2	1800	Sat	938 938 938 1 1699 72 1699 72 35243 83635 82551 ... 01893 77669 19184 000 000	CW	(AB)
M12	10598	26-2	1820	Sat	938 938 938 1 1699 72 1699 72 35243 83635 82551 ... 01893 77669 19184 000 000	CW	(AB)
M12	9327	26-2	1840	Sat	938 938 938 1 1699 72 1699 72 35243 83635 82551 ... 01893 77669 19184 000 000	CW	(AB)
M12	5832	26-2	2200	Sat	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	6832	26-2	2220	Sat	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB)
M12	7732	26-2	2240	Sat	887 887 887 1 2799 208 2799 208 29823 64957 65943 ... 79872 60597 56816 000 000	CW	(AB/RL)
M12	17415	27-2	0800	Sun	427 427 427 1 378 75 378 75 39285 77138 31656 ... 40160 76964 000 000	CW	(AB)
M12	18215	27-2	0820	Sun	427 427 427 1 378 75 378 75 39285 77138 31656 ... 40160 76964 000 000	CW	(AB)
M12	18715	27-2	0840	Sun	427 427 427 1 378 75 378 75 39285 77138 31656 ... 40160 76964 000 000	CW	(AB)
M12	14377	28-2	1130	Mon	317 317 317 1 3044 90 3044 90 91118 53187 96473 ... 83667 70048 30288 000 000	CW	(AB/MPJ)
M12	13461	28-2	1150	Mon	317 317 317 1 3044 90 3044 90 91118 53187 96473 ... 83667 70048 30288 000 000	CW	(AB/MPJ)
M12	12114	28-2	1210	Mon	317 317 317 1 3044 90 3044 90 91118 53187 96473 ... 83667 70048 30288 000 000	CW	(AB/MPJ)
M12	19373	28-2	1400	Mon	341 341 341 000	CW	(AB/MPJ)
M12	17473	28-2	1420	Mon	341 341 341 000	CW	(AB/MPJ)
M12	6937	28-2	2210	Mon	975 975 975 000	CW	(AB)
M12	5737	28-2	2230	Mon	975 975 975 000	CW	(AB)
M12	8062	28-2	2300	Mon	451 451 451 000	CW	(RL)
M12	9362	28-2	2300	Mon	451 451 451 000	CW	(RL)
M14	12211	1-2	0500	Tue	952 438 438 52 52 == 49679 49061 22197 ... 26691 62825 94822 == 438 438 52 52 00000	CW	(AB-J)
M14	10243	1-2	0520	Tue	952 438 438 52 52 == 49679 49061 22197 ... 26691 62825 94822 == 438 438 52 52 00000	CW	(AB-J)
M14	12211	2-2	0500	Wed	952 160 160 52 52 == 18709 60883 08360 ... 07000 15393 78157 == 160 160 52 52 00000	USB	(AB)
M14	10243	2-2	0520	Wed	952 160 160 52 52 == 18709 60883 08360 ... 07000 15393 78157 == 160 160 52 52 00000	USB	(AB)
M14	12211	3-2	0500	Thu	952 378 378 52 52 == 25685 93902 82029 ... 10164 16982 48034 == 378 378 52 52 00000	CW	(AB-J)
M14	10243	3-2	0520	Thu	952 378 378 52 52 == 25685 93902 82029 ... 10164 16982 48034 == 378 378 52 52 00000	CW	(AB-J)
M14	12211	4-2	0500	Fri	952 640 640 57 57 == 84110 98849 74862 ... 24051 19532 26393 == 640 640 57 57 00000 Audio problems. Off in group 11, back after 44 secs but skipped 4 groups	CW	(AB-J)
M14	10243	4-2	0520	Fri	952 640 640 57 57 == 84110 98849 74862 ... 24051 19532 26393 == 640 640 57 57 00000 Audio problems	CW	(AB-J)
M14	12211	7-2	0500	Mon	952 781 781 63 63 == 72690 82843 05689 ... 89206 86216 31679 == 781 781 63 63 00000	USB	(AB-J)
M14	10243	7-2	0520	Mon	952 781 781 63 63 == 72690 82843 05689 ... 89206 86216 31679 == 781 781 63 63 00000	USB	(AB-J)
M14	12211	8-2	0500	Tue	952 430 430 51 51 == 41553 42581 34241 ... 92510 42985 35702 == 430 430 51 51 00000	CW	(AB-RUS)
M14	10243	8-2	0520	Tue	952 430 430 51 51 == 41553 42581 34241 ... 92510 42985 35702 == 430 430 51 51 00000	CW	(AB-J)
M14	12211	10-2	0500	Thu	952 384 384 52 52 == 90651 35445 19683 ... 49192 22991 33105 == 384 384 52 52 00000 Technical problems. Several restarts.	CW	(AB-J)
M14	10243	10-2	0520	Thu	952 384 384 52 52 == 90651 35445 19683 ... 49192 22991 33105 == 384 384 52 52 00000	CW	(AB-J)
M14	17458	10-2	0930	Thu	617 617 617 00000	CW	(AB)
M14	12211	11-2	0500	Fri	952 901 601 52 52 == 51594 65719 11056 ... 98965 40060 01745 == 601 601 52 52 00000	CW	(AB-J)
M14	10243	11-2	0520	Fri	952 901 601 52 52 == 51594 65719 11056 ... 98965 40060 01745 == 601 601 52 52 00000	CW	(AB-J)

M14	12211	14-2	0500	Mon	952 387 387 51 51 == 85241 21027 51158 ... 32422 20261 79440 == 387 387 51 51 00000	USB	(AB-J)
M14	10243	14-2	0520	Mon	952 387 387 51 51 == 85241 21027 51158 ... 32422 20261 79440 == 387 387 51 51 00000	USB	(AB-J)
M14	12211	15-2	0500	Tue	952 861 861 54 54 == 42035 97756 84457 ... 02259 72650 77579 == 861 861 54 54 00000	CW	(AB-RUS)
M14	10243	15-2	0520	Tue	952 861 861 54 54 == 42035 97756 84457 ... 02259 72650 77579 == 861 861 54 54 00000	CW	(AB-J)
M14	12211	16-2	0500	Wed	952 734 734 66 66 == 42377 41223 51028 ... 38389 10023 23257 == 734 734 66 66 00000 Technical problems. Off at 0514z after group 59	CW	(AB-J)
M14	10243	16-2	0520	Wed	952 734 734 66 66 == 42377 41223 51028 ... 38389 10023 23257 == 734 734 66 66 00000 Audio issues.	CW	(AB-J)
M14	12211	17-2	0500	Thu	952 180 180 52 52 == 69046 74353 10334 ... 34075 27452 95716 == 180 180 52 52 00000	CW	(AB-J)
M14	10243	17-2	0520	Thu	952 180 180 52 52 == 69046 74353 10334 ... 34075 27452 95716 == 180 180 52 52 00000	CW	(AB-RUS)
M14	12211	18-2	0500	Fri	952 463 462 52 52 == 51835 21752 76872 ... 54573 16778 73865 == 463 463 52 52 00000 Technical problems. 952 once, then off/back/off again. Then back with group two.	CW	(AB-J)
M14	10243	18-2	0520	Fri	952 463 462 52 52 == 51835 21752 76872 ... 54573 16778 73865 == 463 463 52 52 00000	CW	(AB-J)
M14	12211	21-2	0500	Mon	952 701 701 52 52 == 59056 59973 66660 ... 24179 01607 59947 == 701 701 52 52 00000 The usual technical problems. Short stop during group 44	USB	(AB-J)
M14	10243	21-2	0520	Mon	952 701 701 52 52 == 59056 59973 66660 ... 24179 01607 59947 == 701 701 52 52 00000	USB	(AB-J)
M14	12211	22-2	0500	Tue	952 (R) Off at 0502z	CW	(AB-RUS)
M14	10243	22-2	0520	Tue	952 480 480 51 51 == 74845 89447 37872 ... 27759 14584 01164 == 480 480 51 51 00000	CW	(AB-J)
M14	12211	24-2	0500	Thu	952 673 673 51 51 == 87933 93671 00942 ... 48415 54666 08637 == 673 673 51 51 00000	CW	(AB-J)
M14	10243	24-2	0520	Thu	952 673 673 51 51 == 87933 93671 00942 ... 48415 54666 08637 == 673 673 51 51 00000	CW	(AB-J)
M14	12211	25-2	0500	Fri	952 841 841 52 52 == 46937 46966 45034 ... 25763 05624 37856 == 841 841 52 52 (no nulls at the end)	CW	(AB-J)
M14	10243	25-2	0520	Fri	952 841 841 52 52 == 46937 46966 45034 ... 25763 05624 37856 == 841 841 52 52 (no nulls at the end)	CW	(AB-J)
M14	17458	25-2	0930	Fri	617 982 982 41 41 == 08964 98157 82099 ... 23342 66655 09926 == 982 982 41 41 00000	CW	(AB)
M14	15994	26-2	0930	Sat	617 982 982 41 41 == 08964 98157 82099 ... 23342 66655 09926 == 982 982 41 41 00000	CW	(AB)
M14	12211	28-2	0500	Mon	952 367 367 51 51 == 11802 58712 25319 ... 33957 01791 41674 == 367 367 51 51 00000	USB	(AB-J)
M14	10243	28-2	0520	Mon	952 367 367 51 51 == 11802 58712 25319 ... 33957 01791 41674 == 367 367 51 51 00000	USB	(AB-J)
M21	3185	12-2	0846	Sat	=991146??8???? =991147??8???? =991148??8???? //5980.5 kHz	CW	(F5JBR)
M21	5980.5	12-2	0846	Sat	=991146??8???? =991147??8???? =991148??8???? //3185 kHz	CW	(F5JBR)
M21	5175.7	14-2	0844	Mon	1909715 9771963536644 9761313193944 9716313795344 9716313795344 ...	CW	(F5JBR)
M23	5345	5-2	1557	Sat	OOO (R14)	CW	(PY)
M23	5345	5-2	1627	Sat	OOO (R14)	CW	(PY)
M23	5345	6-2	1557	Sun	OOO (R14)	CW	(PY)
M23	5345	6-2	1627	Sun	OOO (R14)	CW	(PY)
M23	5345	7-2	1557	Mon	OOO (R14)	CW	(PY)
M23	5345	7-2	1627	Mon	OOO (R14)	CW	(PY)
M23	5345	8-2	1557	Tue	OOO (R14)	CW	(PY)
M23	5345	8-2	1627	Tue	OOO (R14)	CW	(PY)
M23	5345	9-2	1612	Wed	000 (R7m40s) long zeros	CW	(PY)
M23	5345	9-2	1627	Wed	000 (R7m40s) long zeros	CW	(PY)
M23	5345	9-2	1642	Wed	000 (R7m40s) long zeros	CW	(PY)

M23	5345	10-2	1557	Thu	000 (R7m40s) long zeros	CW	(AB/MPJ)
M23	5345	10-2	1612	Thu	000 (R7m40s) long zeros	CW	(AB)
M23	5345	10-2	1627	Thu	000 (R7m40s) long zeros	CW	(AB)
M23	5345	10-2	1642	Thu	000 (R7m40s) long zeros	CW	(AB)
M23	5345	11-2	1557	Fri	000 (R7m40s) long zeros	CW	(AB/MPJ)
M23	5345	11-2	1612	Fri	000 (R7m40s) long zeros	CW	(AB/MPJ)
M23	5345	11-2	1627	Fri	000 (R7m40s) long zeros	CW	(AB)
M23	5345	11-2	1642	Fri	000 (R7m40s) long zeros	CW	(AB)
M23	5345	12-2	1557	Sat	000 (R7m40s) long zeros	CW	(AB/MPJ)
M23	5345	12-2	1612	Sat	000 (R7m40s) long zeros	CW	(AB/MPJ)
M23	5345	12-2	1627	Sat	000 (R7m40s) long zeros	CW	(AB)
M23	5345	12-2	1642	Sat	000 (R7m40s) long zeros	CW	(AB)
M23	5345	13-2	1557	Sun	000 (R7m40s) long zeros	CW	(AB/MPJ)
M23	5345	13-2	1612	Sun	000 (R7m40s) long zeros	CW	(AB/MPJ)
M23	5345	13-2	1627	Sun	000 (R7m40s) long zeros	CW	(AB)
M23	5345	13-2	1642	Sun	000 (R7m40s) long zeros	CW	(AB)
M23	5345	14-2	1557	Mon	000 (R13m30s)	CW	(AB)
M23	5345	14-2	1627	Mon	000 (R13m30s)	CW	(AB)
M23	5345	15-2	1557	Tue	000 (R13m30s)	CW	(AB)
M23	5345	15-2	1627	Tue	000 (R13m30s)	CW	(AB/MPJ)
M23	5345	16-2	1557	Wed	000 (R13m30s)	CW	(AB/BR)
M23	5345	16-2	1627	Wed	000 (R13m30s)	CW	(AB/BR)
M23	5345	17-2	1557	Thu	000 (R13m30s)	CW	(AB/MPJ)
M23	5345	17-2	1627	Thu	000 (R13m30s)	CW	(AB/MPJ)
M23	5345	18-2	1557	Fri	000 (R13m30s)	CW	(AB/MPJ)
M23	5345	18-2	1627	Fri	000 (R13m30s)	CW	(AB/MPJ)
M23	5345	19-2	1557	Sat	000 (R13m30s)	CW	(AB)
M23	5345	19-2	1627	Sat	000 (R13m30s)	CW	(AB)
M23	5345	20-2	1557	Sun	000 (R13m30s)	CW	(AB)
M23	5345	20-2	1627	Sun	000 (R13m30s)	CW	(AB)
M23	5345	21-2	1641	Mon	000 (R8m30s) long zeros	CW	(AB/MPJ)
M23	5345	22-2	1557	Tue	000 (R8m30s) long zeros	CW	(AB/MPJ)
M23	5345	22-2	1612	Tue	000 (R8m30s) long zeros	CW	(AB/CK/MPJ)
M23	5345	22-2	1627	Tue	000 (R8m30s) long zeros	CW	(AB/MPJ)
M23	5345	22-2	1642	Tue	000 (R8m30s) long zeros	CW	(AB/MPJ)
M23	5345	23-2	1557	Wed	000 (R8m30s) long zeros	CW	(AB)
M23	5345	23-2	1612	Wed	000 (R8m30s) long zeros	CW	(AB)
M23	5345	23-2	1627	Wed	000 (R8m30s) long zeros	CW	(AB)
M23	5345	23-2	1642	Wed	000 (R8m30s) long zeros	CW	(AB)
M23	5345	24-2	1557	Thu	000 (R8m30s) long zeros	CW	(AB)
M23	5345	24-2	1612	Thu	000 (R8m30s) long zeros	CW	(AB)
M23	5345	24-2	1627	Thu	000 (R8m30s) long zeros	CW	(AB)

M23	5345	24-2	1642	Thu	000 (R8m30s) long zeros	CW	(AB)
M23	5345	25-2	1557	Fri	000 (R8m30s) long zeros	CW	(AB)
M23	5345	25-2	1612	Fri	000 (R8m30s) long zeros	CW	(AB)
M23	5345	25-2	1627	Fri	000 (R8m30s) long zeros	CW	(AB)
M23	5345	25-2	1642	Fri	000 (R8m30s) long zeros	CW	(AB)
M32	7523	3-2	0814	Thu	RBL88: XXX LR43 TEKhNICHESKAYa PROWERKA 592 K	CW	(F5JBR)
M32	7523	3-2	0816	Thu	RBL88 wkg RBL90 RFN69 RFN77 RGR99 (All outstations acknowledge receipt XXX LR43 TEKhNICH-ESKAYa PROWERKA 592 K) radio checks	CW	(F5JBR)
M32	12152	8-2	0735	Tue	M79Z = 11470 64815 18162 71507 24853 81337 34683 84890 41375 08020 K	CW	(JPL-RUS)
M32	9228	8-2	0749	Tue	i.p. 46533 03890 14931 ... 82484 45934 08042 719 K K NPFQ QRU K NPFQ OK ZCA ZQH ZHO ZGD ZHH ZQY K NPFQ OK AS 2 K	CW	(JPL-RUS)
M32	7859	11-2	0926	Fri	XXX QN8E 19508 BROM 5260 7206 OTSTAIWANXE 1684 9688 NETOChNOSTX 9693 4920 K //7789, 7680, 7969 kHz	CW	(F5JBR)
M32	7859	11-2	0930	Fri	XXX XHOP 91312 STANOWLENXE 3661 5124 K //7789, 7680, 7969 kHz	CW	(F5JBR)
M32	6386	11-2	0936	Fri	PLISOFE 7268 3173 WAZOChKA 2731 8511 K	CW	(F5JBR)
M32	6199	11-2	0940	Fri	XXX VD9B 45094 LEWATNKIJ 4855 1355 K	CW	(F5JBR)
M32	5779	11-2	0942	Fri	XXX NVTI 71232 TOKOSXEMNIK 6373 2890 K	CW	(F5JBR)
M32	5885	11-2	0946	Fri	XXX VD9B 32556 AKYNOSRAM 3517 3096 K //6199 kHz	CW	(F5JBR)
M32	6199	11-2	0950	Fri	XXX KDB2 75124 RASOChKA 6472 7522 K (	CW	(F5JBR)
M32	6199	11-2	1018	Fri	XXX OMAU 67775 OLUHORIFT 2580 3842 K //5885 kHz	CW	(F5JBR)
M32	8114	14-2	0659	Mon	XXX XXX H7Q6 H7Q6 AY9X AY9X 0383 8305 IAM 03994 RIALOFUT 7483 1858 K	CW	(PP1)
M32	3363.5	14-2	1833	Mon	4GMD DE MU4M QSA ? K EJC8 DE MU4M QSA ? K L1G7 DE MU4M K L1G7 K QSA ? K QSA 3 K R K	CW	(JPL-RUS)
M32a	8345	2-2	0318	Wed	RMC99 811 25 2 0602 811 = SML FOR RIT RMP RIW = 11111 85307 51369 ... 79519 22389 02020 = AR RMC99	CW	(KI3C)
M32a	8345	3-2	1206	Thu	DE RMC99 323 16 3 1500 323 = SML FOR RJH45 RJH74 RJD38 = 03141 99497 70007 ... 88555 22200 03011 = + RMC99 K	CW	(Cic)
M32a	8821	28-2	1100	Mon	S marker (R5)	CW	(AB)
M32b	8821	26-2	0630	Sat	S marker (R5)	CW	(AB)
M32b	8821	26-2	0700	Sat	S marker (R5) CMV9 NRT2 = 5501 K Y4SD CMV9 K CMV9 NRT2 = 5501 K	CW	(AB)
M32b	8830	26-2	0707	Sat	CMV9 RPT K	CW	(AB)
M32b	8821	26-2	0730	Sat	S marker (R5)	CW	(AB)
M32b	8821	26-2	0800	Sat	S marker (R5) CMV9 QRV K CMV9 OK NRT2 K CMV9 RPT NRT2 K CMV9 NRT2 K CMV9 QRV K	CW	(AB)
M32c	8821	2-2	1330	Wed	S Marker (R5)	CW	(AB)
M32c	8821	2-2	1400	Wed	S Marker (R5)	CW	(AB/Tom)
M32c	8821	2-2	1406	Wed	WP7C DE ET3T K Q3Z1 DE ET3T K	CW	(Tom)
M32c	8830	2-2	1426	Wed	ET3T DE Q3Z1 K ET3T DE Q3Z1 QTC 07 20 1719 = 6417 1373 2738 ... 0090 3379 6074 K	CW	(Tom)
M32c	8821	2-2	1430	Wed	S Marker (R5)	CW	(AB)
M32c	8821	2-2	1444	Wed	WP7C DE ET3T K	CW	(Geoff)
M32c	8821	2-2	1448	Wed	Q3Z1 DE ET3T K	CW	(Geoff)
M32c	8821	2-2	1500	Wed	S Marker (R5)	CW	(AB)
M32c	8821	2-2	1530	Wed	S Marker (R5)	CW	(AB)
M32c	8110	2-2	1600	Wed	W Marker	CW	(Hutch)

M32c	8112	2-2	1600	Wed	W Marker (R2)	CW	(Tom)
M32c	8821	2-2	1600	Wed	S Marker (R5)	CW	(AB/Hutch)
M32c	8990	2-2	1600	Wed	IWV4 DE ELT9, F76Y DE ELT9	CW	(Hutch)
M32c	8990	2-2	1602	Wed	IWV4 DE ELT9 K F76Y DE ELT9 K	CW	(Tom)
M32c	8990	2-2	1628	Wed	F76Y DE ELT9 K F76Y DE ELT9 K IWV4 DE ELT9 K ZF83 DE ELT9 K	CW	(Tom)
M32c	8821	2-2	1630	Wed	S Marker (R5)	CW	(AB)
M32c	8821	2-2	1700	Wed	S Marker (R5)	CW	(AB)
M32c	8821	2-2	1730	Wed	S Marker (R5)	CW	(AB)
M32c	8821	2-2	1800	Wed	S Marker (R5)	CW	(AB)
M32c	8821	3-2	1700	Thu	S marker	CW	(Hutch)
M32c	8830	3-2	1704	Thu	4FG message to 9UBP. Reply on 8821 kHz: T3T R 17 k	CW	(Hutch)
M32c	8112	14-2	1340	Mon	W marker (also at 1400, 1420, 1440 UTC)	CW	(PP1)
M41	6787	14-2	1300	Mon	1S61 1S61 AR	CW	(F5JBR)
M42	10239	9-2	0838	Wed	Russian intel.	MFSK-66	(AB)
M42	12184	10-2	1015	Thu	Russian intel.	MFSK-66	(AB)
M42	13418	22-2	0812	Tue	Russian diplo/intel.	MFSK-66	(AB)
M42	12152	24-2	0750	Thu	MFA Moscow msg to Russian embassy Bucharest	MFSK-66	(RO-HOL)
M42	12126	24-2	0755	Thu	MFS Moscow clg 521634 Russian embassy Bucharest	MFSK-6	(RO-HOL)
M42	12851	24-2	0812	Thu	MFA Moscow msg unid embassy	MFSK-66	(RO-HOL)
M42	14939	28-2	0826	Mon	Russian intel.	5x10Bd 16FSK + 250Bd BPSK	(AB)
M42b	9353	1-2	0912	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K 030 100 01 0855 7156 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM QRU? K	CW + FSK 50/500	(AB)
M42b	10226	1-2	0912	Tue	GRT5 GRT5 GRT5 DE KP4W KP4W K 034 100 01 0900 7361 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL SK	CW + FSK 50/500	(AB)
M42b	9353	2-2	0911	Wed	N1RK N1RK N1RK DE 3PRK 3PRK K 031 100 2 0859 2738 = 28380 23664 49576 ... 17227 41615 71359 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	2-2	0911	Wed	3PRK 3PRK 3PRK DE N1RK N1RK K 035 100 2 0905 2991 = 89758 41902 02640 ... 70783 34940 53243 =100= -0920 CFM NIL K SK	CW + FSK 50/500	(AB-RUS)
M42b	9353	3-2	0911	Thu	WK3P WK3P WK3P DE M2PN M2PN K 033 100 03 0845 2586 = 74683 62537 85231 ... 54312 53265 23521 =100= CFM QRU? K	CW + _ FSK 50/500	(AB-RUS)
M42b	10226	3-2	0912	Thu	M2PN M2PN M2PN DE WK3P WK3P K 037 100 3 0920 3951 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL K SK	CW + _ FSK 50/500	(AB-BLR)
M42b	9353	4-2	0911	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 034 100 04 0800 5638 = 74683 62537 85231 ... 54321 54312 5326 (sent an incomplete message) CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	4-2	0912	Fri	VV GRP2 GRP2 GRP2 DE 3NRT 3NRT K 038 100 4 0900 8136 = 63577 73848 98366 ... 09872 29610 76501 -0919 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	6-2	0911	Sun	K03W K03W K03W DE 4NRG 4NRG K 036 100 06 1840 4081 = 56473 23565 34645 ... 87902 08762 74351 =100= CFM QRU? K	CW + FSK 50/500	(AB)
M42b	10226	6-2	0912	Sun	4NRG 4NRG 4NRG DE K032 K03W K 041 100 6 0905 2591= 61263 97661 01452 ... 35829 55530 16700 =100= -0921 CFM NIL SK	CW + FSK 50/500	(AB)

M42b	9353	7-2	0911	Mon	4KWS 4KWS 4KWS DE 9TKW 9TKW K 037 100 07 0845 2810 = 87643 56732 45623 ... 98632 45787 58643 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	7-2	0911	Mon	9TKW 9TKW 9TKW DE 4KWS 4KWS K 042 100 7 0900 7513 = 99196 10663 95545 ... 65903 82288 87220 =100= CFM NIL K SK	CW + FSK 50/500	(AB-POL)
M42b	9353	8-2	0912	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K 038 100 08 0850 3581 = 74683 62537 85231 ... 54312 53265 23521 =100= CFM QRU? K	CW + FSK 50/500	(AB)
M42b	10226	8-2	0912	Tue	GRT5 GRT5 GRT5 DE KP4W KP4W K 043 100 8 0905 4183 = 99156 10663 95545 ... 65903 82288 87220 =100= CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	9-2	0911	Wed	3PRK 3PRK K 2039 100 09 0912 6538 = 56473 23565 34645 ... 87902 08762 74351 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	9-2	0911	Wed	3PRK 3PRK 3PRK DE N1RK N1RK K 045 100 9 0910 2586 = 25319 08780 92150 ... 14533 89968 58574 18844 =100= -0919 CFM NIL K	CW + FSK 50/500	(AB)
M42b	9353	10-2	0911	Thu	WK3P WK3P WK3P DE M2PN M2PN K 040 100 10 0840 2184 = 81836 28840 90162 ... 84371 84300 73491 =100=	CW +_ FSK 50/500	(AB-RUS)
M42b	10226	10-2	0912	Thu	M2PN M2PN M2PN DE WK3P WK3P K 046 100 10 0915 4825 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL SK	CW +_ FSK 50/500	(AB-BLR)
M42b	9353	11-2	0911	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 041 100 11 0845 1046 = 56473 23565 34645 ... 87902 08762 74351 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	11-2	0912	Fri	GRP2 GRP2 GRP2 DE 3NRT 3NRT K 048 100 11 0905 8542 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	8041	11-2	1024	Fri	KE4T wkg L2RS	CW	(F5JBR)
M42b	8021	11-2	1028	Fri	KE4T wkg L2RS: QSA 0 QSY 67151 K	CW	(F5JBR)
M42b	8041	11-2	1048	Fri	KE4T wkg L2RS	CW	(F5JBR)
M42b	9353	12-2	0911	Sat	1PNR 1PNR 1PNR DE NM5K NM5K 042 100 12 0900 2718 = 56473 23565 34645 ... 87902 08762 74351 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	12-2	0916	Sat	BK BK BK BK QSA4 QSA? K ... RYRYRYRYRYRYRY for 6 minutes, then back to morse NW = 049 100 12 0905 3619 = K CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	13-2	0911	Sun	K03W K03W K03W DE 4NGR 4NGR K 044 100 13 0900 8503 = 24043 30326 65549 ... 76740 73871 76381 =100= CFM QRU? K	CW + FSK 50/500	(AB-POL)
M42b	10226	13-2	0913	Sun	4NRG 4NRG 4NRG DE KO32 KO3W K 050 100 13 0900 5719 = 57554 26396 65611 ... 29742 12326 68865 =100= -0932 RPT K	CW + FSK 50/500	(AB-POL)
M42b	9353	14-2	0911	Mon	4KWS 4KWS 4KWS DE 9TKW 9TKW K 045 100 14 0850 4508 = 24043 30326 65549 ... 76740 73871 76381 =100= CFM QRU? K	CW + FSK 50/500	(AB-UKR/F5JBR)
M42b	10226	14-2	0911	Mon	9TKW 9TKW 9TKW DE 4KWS 4KWS K 056 100 14 0900 8560 = 03190 05898 71418 ... 38237 51308 64056 CFM NIL K	CW + FSK 50/500	(AB-UKR)
M42b	3263	14-2	1820	Mon	W9SP W9SP W9SP DE LM7K LM7K K 713 182 14 1740 3427 = 28928 03865 83318 ... 98231 28928 28928 -1834 CFM NIL QRU? SK	CW + FSK 50/500	(AB/JPL-RUS)
M42b	9353	15-2	0912	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K 0047 100 15 0910 2357 = =001= 43091 82552 76890 ... 59189 27137 94814 CFM QRU? K	CW + FSK 50/500	(AB)
M42b	10226	15-2	0912	Tue	GRT5 GRT5 GRT5 DE KP4W KP4W K 056 100 14 0900 8560 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	16-2	0911	Wed	N1RK N1RK N1RK DE 3PRK 3PRK K 048 100 16 0850 3901 = 87643 56732 45623 ... 98632 45787 58643 =100= CFM NIL K NIL SK	CW + FSK 50/500	(AB-POL)

M42b	10226	16-2	0911	Wed	3PRK 3PRK 3PRK DE N1RK N1RK K 059 100 16 0901 5738 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	9353	17-2	0911	Thu	WK3P WK3P WK3P DE M2PN M2PN K 049 100 17 0615 8685 = 41849 73172 98195 ... 09867 25528 19034 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	17-2	0912	Thu	M2PN M2PN M2PN DE WK3P WK3P K 060 100 17 0900 7628 = 96920 72429 32641 ... 34513 49761 66578 NIL K -0918	CW +_ FSK 50/500	(AB-POL)
M42b	9353	18-2	0911	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 050 100 18 0900 2361 = 41849 73172 98195 ... 09867 25528 19034 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	18-2	0914	Fri	GRP2 GRP2 GRP2 DE 3NRT 3NRT K 061 100 18 0901 4725 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	20-2	0911	Sun	K03W K03W KO3W DE 4NGR 4NGR K 052 100 20 0905 7879 = 482_6 28840 90162 ... 641__ 86_27 _3491 =100=	CW + FSK 50/500	(AB-POL)
M42b	10226	20-2	0912	Sun	4NRG 4NRG 4NRG DE KO32 KO3W K 064 100 20 0909 2579 = 44278 42390 42394 ... 72311 95923 85140 =100= CFM NIL K SK	CW + FSK 50/500	(AB-POL)
M42b	9353	21-2	0911	Mon	4KWS 4KWS 4KWS DE 9TKW 9TKW K 053 100 21 830 8532 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	21-2	0911	Mon	9TKW 9TKW 9TKW DE 4KWS 4KWS K 065 100 21 0900 6814 = 28380 23664 49576 ... 17227 41615 71359 -0917 NIL K SK	CW + FSK 50/500	(AB-POL)
M42b	9353	22-2	0912	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K 054 100 22 0845 35199 = 87643 56732 45623 ... 98632 45787 98643 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	22-2	0912	Tue	GRT5 GRT5 GRT5 DE KP4W KP4W K 066 100 22 0855 3816 = 99156 11663 9596_ ... 65903 82288 87220 =100= CFM NIL K SK	CW + FSK 50/500	(AB-POL)
M42b	9353	23-2	0911	Wed	N1RK N1RK N1RK DE 3PRK 3PRK K 055 100 23 0855 2586 = 24043 30326 65549 ... 76740 73871 76381 =100= CFM QRU? K	CW + FSK 50/500	(AB-POL)
M42b	10226	23-2	0912	Wed	3PRK 3PRK 3PRK DE N1RK N1RK K 067 100 23 0912 7259 = 99156 10663 95545 ... 65903 82288 87220 =100= CFM NIL K SK	CW + FSK 50/500	(AB-RUS)
M42b	9353	24-2	0913	Thu	WK3P WK3P WK3P DE M2PN M2PN K 054 100 24 0855 4699 = 24043 30326 66949 ... 76740 73871 76381 =100= CFM QRU? K NIL SK	CW + FSK 50/500	(AB-POL)
M42b	9353	25-2	0912	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K QSY 57455 QSY 57544 K 3NRT 3NRT 3NRT DE GRP2 GRP2 QSY 57087 QSY 57087 K QSY 1678 SK SK Y	CW + FSK 50/500	(AB-POL)
M42b	9353	26-2	0912	Sat	1PNR 1PNR 1PNR DE NM5K NM5K K 055 100 26 0900 9624 = 56473 23565 34645 ... 87902 08762 74351 =100= CFM QRU? K	CW + FSK 50/500	(AB-POL)
M42b	10226	26-2	0916	Sat	NM5K NM5K NM5 K DE 1PNR 1PNR K 069 100 26 0901 6285 = 99156 10663 95545 ... 65903 82218 87220 =100= CFM NIL SK	CW + FSK 50/500	(AB-POL)
M42b	9353	27-2	0911	Sun	K03W K03W KO3W DE 4NGR 4NGR K 056 100 27 0850 1488 = 41849 73172 98195 ... 04845 29226 5541=	CW + FSK 50/500	(AB-POL)
M42b	10226	27-2	0912	Sun	4NRG 4NRG 4NRG DE KO3W KO3W K QSA4 QRU? K OK ZCC K RYRYRYRYRYRY 070 100 27 0905 4719 = NW = 070100 K NIL K SK	CW + FSK 50/500	(AB-POL)
M89	3596	1-2	1201	Tue	V QYE2 (x3) DE 9WV (x2) //4888	CW	(JPL)
M89	4888	1-2	1201	Tue	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4352	1-2	1202	Tue	V Q5Z1 (x3) DE W2X6 (x2)	CW	(JPL)
M89	8123	3-2	0116	Thu	i.p. T34A 3DT4 TADU 365D ...	CW	(JPL)
M89	6840	3-2	0120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290	CW	(JPL)

M89	8290	3-2	0120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6824	3-2	0126	Thu	V QYE2 (x3) DE 9WV (x2) //8182	CW	(JPL)
M89	8182	3-2	0126	Thu	V QYE2 (x3) DE 9WV (x2) //6824	CW	(JPL)
M89	3614	3-2	1108	Thu	i.p. F NR 31/EX 1909 RMKS CQ = NR 31/EX 1909 RMKS CQ =	CW	(JPL)
M89	3635	3-2	1118	Thu	i.p. RPT QSL 1917 K HR MSG GA K MSG NR 0366 CK 199 87 0203 RMKS 1253 TO 7744	CW	(JPL)
M89	3596	3-2	1119	Thu	V QYE2 (x3) DE 9WV (x2) //4888	CW	(JPL)
M89	4888	3-2	1119	Thu	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4860	3-2	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	3-2	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	4352	3-2	1127	Thu	V Q5Z1 (x3) DE W2X6 (x2)	CW	(JPL)
M89	3596	9-2	1202	Wed	V QYE2 (x3) DE 9WV (x2) //4888	CW	(JPL)
M89	4888	9-2	1202	Wed	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4352	9-2	1204	Wed	V Q5Z1 (x3) DE W2X6 (x2)	CW	(JPL)
M89	10599	11-2	0654	Fri	i.p. = 3876 AR K R GA K R NR 250 CK 30 54 0211 1450 RMKS 4025 TO 4046 =	CW	(JPL)
M89	4860	14-2	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	14-2	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	3596	14-2	1127	Mon	V QYE2 (x3) DE 9WV (x2) //4888	CW	(JPL)
M89	4888	14-2	1127	Mon	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	6210	14-2	1129	Mon	V CD4A (x3) DE UG3N (x2) ...	CW	(JPL)
M89	4361	14-2	1142	Mon	i.p. UDU7 3TT3 NUD4 76DN DT7A 53AD 7AT7 N53U ..	CW	(JPL)
M89	4352	14-2	1215	Mon	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	4860	14-2	1820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	14-2	1820	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	4352	26-2	1441	Sat	V Q5Z1 (x3) DE W2X6 (x2)	CW	(JPL)
M89	3596	26-2	1443	Sat	V QYE2 (x3) DE 9WV (x2) //4888	CW	(JPL)
M89	4888	26-2	1443	Sat	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4352	26-2	1916	Sat	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	4860	26-2	1920	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	26-2	1920	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M95	4364	1-2	1131	Tue	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY //8073	CW	(JPL)
M95	8073	1-2	1131	Tue	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY //4364	CW	(JPL)
M95	4243	1-2	1150	Tue	HR MSG TO YR PSE CY NR 052 CK 56 35 0201 1533 = //9054	CW	(JPL)
M95	9054	1-2	1150	Tue	HR MSG TO YR PSE CY NR 052 CK 56 35 0201 1533 = //4243	CW	(JPL)
M95	4781	1-2	1206	Tue	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	1-2	1206	Tue	V XP5B (x3) DE S2DJ (x2) //4781	CW	(JPL)
M95	4178	3-2	0104	Thu	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	3-2	0104	Thu	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	9056	3-2	0129	Thu	i.p. AR K CY HW K RPT 57W RPT 57W K (Both stations on this frequency) R RPT 57W RPT 57W	CW	(JPL)
M95	4364	3-2	1142	Thu	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0098 CK 45 35 0203 1638 = //8073	CW	(JPL)
M95	8073	3-2	1142	Thu	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0098 CK 45 35 0203 1638 = //4364	CW	(JPL)
M95	4243	3-2	1153	Thu	i.p. 446 3DA N3D 3DU 4D6 75D 4D3 5TN 75U 353 U4T 354 75D 377 4A5 446 34U N3U 467 3DU ... //9054	CW	(JPL)

M95	9054	3-2	1153	Thu	i.p. 446 3DA N3D 3DU 4D6 75D 4D3 5TN 75U 353 U4T 354 75D 377 4A5 446 34U N3U 467 3DU ... //4243	CW	(JPL)
M95	8073	9-2	1140	Wed	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0119 CK 314 35 0209 1601 =	CW	(JPL)
M95	4243	9-2	1147	Wed	i.p. HR 7G TO YR PSE CY NR 68 CK 36 35 0209 1527 = 5AA UTT TTN 3U6 3A4 5T7 5TD 75U 35A U4T ...	CW	(JPL)
M95	5651	9-2	1207	Wed	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	4364	14-2	1138	Mon	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0129 CK 26 335 0214 1628 = //8073	CW	(JPL)
M95	8073	14-2	1138	Mon	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0129 CK 26 335 0214 1628 = //4364	CW	(JPL)
M95	4243	14-2	1150	Mon	HR MSG TO YR PSE CY NR 02 CK 41 47 0214 1..5 = U36DTUU5 54A5 UDU 5T36434 ... //9054	CW	(JPL)
M95	9054	14-2	1150	Mon	HR MSG TO YR PSE CY NR 02 CK 41 47 0214 1..5 = U36DTUU5 54A5 UDU 5T36434 ... //4243	CW	(JPL)
M95	4244	14-2	1205	Mon	i.p. 05 ... //9054	CW	(JPL)
M95	9054	14-2	1205	Mon	i.p. 05 ... //4244	CW	(JPL)
M95	5651	14-2	1220	Mon	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	4178	14-2	1825	Mon	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	14-2	1825	Mon	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	7517	26-2	1749	Sat	V XP5B XP5B XP5B DE S2DJ S2DJ	CW	(AB)
P03e	5194	1-2	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	1-2	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	4-2	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	4-2	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	6-2	1515	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	6-2	1520	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	6-2	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	6-2	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	8-2	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5194	8-2	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10800	11-2	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	11-2	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	13-2	1515	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	13-2	1520	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	13-2	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	13-2	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	15-2	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	15-2	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	18-2	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	18-2	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	20-2	1515	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10800	20-2	1520	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5194	20-2	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	20-2	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	22-2	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	22-2	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	25-2	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)

P03e	10800	25-2	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	27-2	1515	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	27-2	1520	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	27-2	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	27-2	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03g	13046	2-2	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	2-2	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	4-2	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	4-2	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	9-2	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	9-2	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	11-2	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	11-2	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	16-2	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	16-2	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	18-2	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	18-2	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	23-2	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	23-2	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	25-2	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	25-2	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03h	9079	2-2	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	2-2	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	7-2	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	7-2	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	9-2	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	9-2	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	14-2	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	14-2	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	16-2	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	16-2	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	21-2	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	21-2	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	23-2	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	23-2	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	28-2	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	28-2	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03i	9052	1-2	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	1-2	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	1-2	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	1-2	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	1-2	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)

P03i	6480	1-2	1805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9079	2-2	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	2-2	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	2-2	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	2-2	0805	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	3-2	0430	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	3-2	0435	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	3-2	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	3-2	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	3-2	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	3-2	1805	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9052	8-2	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	8-2	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	8-2	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	8-2	1805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	9-2	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	9-2	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	9-2	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	9-2	0805	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	10-2	0430	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	10-2	0435	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	10-2	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	10-2	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	10-2	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	10-2	1805	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9052	15-2	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	15-2	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	15-2	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	15-2	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	15-2	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	15-2	1805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9079	16-2	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	16-2	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	16-2	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	16-2	0805	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	17-2	0430	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	17-2	0435	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	17-2	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	17-2	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	17-2	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	17-2	1805	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9052	22-2	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)

P03i	9052	22-2	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	22-2	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	22-2	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	22-2	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	22-2	1805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9079	23-2	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	23-2	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	23-2	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	23-2	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	23-2	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	23-2	0805	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9052	24-2	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	24-2	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	24-2	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	24-2	1805	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03j	6906	3-2	1830	Thu	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	6906	3-2	1835	Thu	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	6906	7-2	1830	Mon	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	6906	7-2	1835	Mon	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	6906	10-2	1830	Thu	Polish intel.	QPSK 100Bd/504-bp	(AB)
P03j	6906	10-2	1835	Thu	Polish intel.	QPSK 100Bd/504-bp	(AB)
P03j	6906	14-2	1830	Mon	Polish intel.	QPSK 100Bd/504-bp	(AB)
P03j	6906	14-2	1835	Mon	Polish intel.	QPSK 100Bd/504-bp	(AB)
P03j	6906	17-2	1830	Thu	Polish intel.	QPSK 100Bd/504-bp	(MPJ)
P03j	6906	17-2	1835	Thu	Polish intel.	QPSK 100Bd/504-bp	(MPJ)
P03j	6906	21-2	1830	Mon	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	6906	21-2	1835	Mon	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	6906	24-2	1830	Thu	Polish intel.	QPSK 100Bd/504-bp	(AB)
P03j	6906	24-2	1835	Thu	Polish intel.	QPSK 100Bd/504-bp	(AB)
P03j	6906	28-2	1830	Mon	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03j	6906	28-2	1835	Mon	Polish intel.	QPSK 100Bd/504-bp	(AB/MPJ)
P03k	14415	1-2	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	1-2	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	2-2	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	2-2	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	2-2	1800	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	2-2	1805	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	3-2	1930	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	3-2	1935	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	4-2	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	4-2	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	4-2	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	8102	4-2	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5844	5-2	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	5-2	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	5-2	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	5-2	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	5-2	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	5-2	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	5-2	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	5-2	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	5-2	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	5-2	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	6-2	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	6-2	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	6-2	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	6-2	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	6-2	1200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	6-2	1205	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	6-2	1930	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	6-2	1935	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	8-2	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	8-2	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	9-2	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	9-2	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	9-2	1800	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	9-2	1805	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	10-2	1930	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	10-2	1935	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	11-2	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	11-2	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	11-2	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8102	11-2	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5844	12-2	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	12-2	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	12-2	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	12-2	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	12-2	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	12-2	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	12-2	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	12-2	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	12-2	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	12-2	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	13-2	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)

P03k	10210	13-2	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5844	13-2	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	13-2	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	13-2	1100	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8102	13-2	1105	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	13-2	1200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	13-2	1205	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	13-2	1930	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	13-2	1935	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	15-2	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	15-2	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	16-2	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	16-2	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	16-2	1800	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	16-2	1805	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	17-2	1930	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	17-2	1935	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	18-2	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	18-2	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	18-2	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	18-2	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	19-2	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	19-2	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	19-2	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	4356	19-2	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	19-2	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	19-2	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	19-2	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	19-2	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	19-2	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	19-2	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	20-2	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	10210	20-2	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5844	20-2	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	20-2	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	20-2	1100	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	20-2	1105	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	20-2	1200	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	4356	20-2	1205	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	4356	20-2	1930	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	20-2	1935	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	22-2	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	14415	22-2	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	23-2	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	23-2	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	23-2	1800	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	23-2	1805	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	24-2	1930	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	24-2	1935	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	25-2	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	25-2	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	25-2	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	25-2	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	26-2	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	26-2	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	26-2	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	26-2	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	26-2	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	26-2	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9063	26-2	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	26-2	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	26-2	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	26-2	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	27-2	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	10210	27-2	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5844	27-2	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	27-2	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	27-2	1100	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	8102	27-2	1105	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	4356	27-2	1200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	4356	27-2	1205	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	4356	27-2	1930	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	27-2	1935	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03I	9079	2-2	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	2-2	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	3-2	1200	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	3-2	1205	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	4-2	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	4-2	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	5-2	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	5-2	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	6-2	1245	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	6-2	1250	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	7-2	1200	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	4356	7-2	1205	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	9-2	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	9-2	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	10-2	1200	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	10-2	1205	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	11-2	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	11-2	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	12-2	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	12-2	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	13-2	1245	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	13-2	1250	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	14-2	1200	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	4356	14-2	1205	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	9079	16-2	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	16-2	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	17-2	1200	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-HOL)
P03I	4356	17-2	1205	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-HOL)
P03I	9079	18-2	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	18-2	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	19-2	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	5779	19-2	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	5779	20-2	1245	Sun	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	5779	20-2	1250	Sun	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	4356	21-2	1200	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	4356	21-2	1205	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	9079	23-2	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	23-2	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	24-2	1200	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	24-2	1205	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	25-2	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	25-2	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	26-2	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	26-2	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	27-2	1245	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HNG)
P03I	5779	27-2	1250	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HNG)
P03I	4356	28-2	1200	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HNG)
P03I	4356	28-2	1205	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HNG)
Q26	4364	1-2	1131	Tue	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	1-2	1131	Tue	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	1-2	1146	Tue	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	1-2	1146	Tue	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	3-2	1131	Thu	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)

Q26	8073	3-2	1131	Thu	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	9-2	1131	Wed	XSV85: messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	14-2	1131	Mon	XSV85: Messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	14-2	1131	Mon	XSV85: Messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	14-2	1143	Mon	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	14-2	1143	Mon	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
RMv	5045	25-2	1413	Fri	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7582. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	28-2	1411	Mon	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9362. 16 chasov 13 minut konec svyazi	USB	(AB-POL)
RNv	8752	3-2	0839	Thu	VESTNIK: Russian Navy, Kaliningrad clg GANTEL for radio check. QSX: 8228 kHz	USB	(F5JBR)
S06	17448	3-2	0830	Thu	842 176 32 43448 36738 14987 ... 46205 49910 98334 176 32 00000	USB	(PY/HFD-J)
S06	15614	3-2	0930	Thu	842 176 32 43448 36738 14987 ... 46205 49910 98334 176 32 00000	USB	(PY/HFD-J)
S06	17440	4-2	0830	Fri	842 176 32 43448 36738 14987 ... 46205 49910 98334 176 32 00000	USB	(PY)
S06	15614	4-2	0930	Fri	842 176 32 43448 36738 14987 ... 46205 49910 98334 176 32 00000	USB	(PY)
S06	7672	4-2	1900	Fri	319 319 319 00000	USB	(AB-RUS/MPJ/HFD-RUS)
S06	5457	4-2	2000	Fri	319 319 319 00000	USB	(AB/HFD)
S06	5410	5-2	1330	Sat	480 623 45 13303 85017 16590 ... 76509 47464 91755 623 45 00000	USB	(AB-RUS/HFD)
S06	10423	6-2	0930	Sun	480 623 45 13303 85017 16590 ... 76509 47464 91755 623 45 00000	USB	(AB)/HFD
S06	10423	6-2	0930	Sun	480-623/45=13303	USB	(HFD)
S06	8167	6-2	1000	Sun	480 623 45 13303 85017 16590 ... 76509 47464 91755 623 45 00000	USB	(AB-RUS/HFD)
S06	17451	10-2	0830	Thu	842 509 33 56726 26993 44901 ... 42289 57375 15956 509 33 00000	USB	(PY)
S06	15609	10-2	0930	Thu	842 509 33 56726 26993 44901 ... 42289 57375 15956 509 33 00000	USB	(PY)
S06	17430	11-2	0830	Fri	842 509 33 56726 26993 44901 ... 42289 57375 15956 509 33 00000	USB	(PY)
S06	15605	11-2	0930	Fri	842 509 33 56726 26993 44901 ... 42289 57375 15956 509 33 00000	USB	(PY)
S06	8116	12-2	1300	Sat	480 519 42 84676 22763 63948 ... 70931 67461 66089 519 42 00000	USB	(AB/MPJ)
S06	5410	12-2	1330	Sat	480 519 42 84676 22763 63948 ... 70931 67461 66089 519 42 00000	USB	(AB-RUS)
S06	10423	13-2	0930	Sun	480 519 42 84676 22763 63948 ... 70931 67461 66089 519 42 00000	USB	(AB-RUS)
S06	8167	13-2	1000	Sun	480 519 42 84676 22763 63948 ... 70931 67461 66089 519 42 00000	USB	(AB-RUS)
S06	17432	17-2	0830	Thu	842 716 34 65140 25899 71878 ... 30967 94894 50703 716 34 00000	USB	(PY)
S06	15608	17-2	0930	Thu	842 716 34 65140 25899 71878 ... 30967 94894 50703 716 34 00000	USB	(PY)
S06	17430	18-2	0830	Fri	842 716 34 65140 25899 71878 ... 30967 94894 50703 716 34 00000	USB	(PY)
S06	15608	18-2	0930	Fri	842 716 34 65140 25899 71878 ... 30967 94894 50703 716 34 00000	USB	(PY)
S06	7672	18-2	1900	Fri	319 319 319 00000	USB	(AB/MPJ)
S06	5457	18-2	2000	Fri	319 319 319 00000	USB	(AB)
S06	8116	19-2	1300	Sat	480 726 44 25052 97700 01827 ... 38242 46045 16619 827 44 00000	USB	(MPJ-HOL)
S06	5410	19-2	1330	Sat	480 726 44 25052 97700 01827 ... 38242 46045 16619 827 44 00000	USB	(MPJ-HOL)
S06	10423	20-2	0930	Sun	480 726 44 25052 97700 01827 ... 38242 46045 16619 827 44 00000	USB	(AB)
S06	8167	20-2	1000	Sun	480 726 44 25052 97700 01827 ... 38242 46045 16619 827 44 00000	USB	(AB-RUS)
S06	4505	22-2	1605	Tue	910 235 18 02953 63208 45169 ... 86340 12823 81696 235 18 00000 Several restarts.	USB	(OH8EFI)
S06	17452	24-2	0830	Thu	842 709 35 97548 03290 81108 ... 03434 48356 80765 709 35 00000	USB	(PY)
S06	15614	24-2	0930	Thu	842 709 35 97548 03290 81108 ... 03434 48356 80765 709 35 00000	USB	(PY)
S06	17445	25-2	0830	Fri	842 709 35 97548 03290 81108 ... 03434 48356 80765 709 35 00000	USB	(PY)

S06	15614	25-2	0930	Fri	842 709 35 97548 03290 81108 ... 03434 48356 80765 709 35 00000	USB	(PY)
S06	8116	26-2	1300	Sat	480 531 40 56799 23172 12538 ... 99288 71561 84703 531 40 00000	USB	(AB-RUS/MPJ-FIN)
S06	5410	26-2	1330	Sat	480 531 40 56799 23172 12538 ... 99288 71561 84703 531 40 00000	USB	(AB-RUS/MPJ-FIN)
S06	10423	27-2	0930	Sun	480 531 40 56799 23172 12538 ... 99288 71561 84703 531 40 00000	USB	(AB)
S06	8167	27-2	1000	Sun	480 531 40 56799 23172 12538 ... 99288 71561 84703 531 40 00000	USB	(AB-RUS)
S06s	14240	1-2	0600	Tue	438 296 5 96521 42341 52344 81413 11749 296 5 00000	USB	(AB-ISR)
S06s	16145	1-2	0600	Tue	438 296 5 96521 42341 52344 81413 11749 296 5 00000	USB	(AB-ISR)
S06s	5250	1-2	0700	Tue	452 961 7 75357 55678 79628 94083 70552 65125 71736 961 7 00000	USB	(AB-POL)
S06s	6320	1-2	0710	Tue	452 961 7 75357 55678 79628 94083 70552 65125 71736 961 7 00000	USB	(AB-POL)
S06s	7410	1-2	0730	Tue	427 986 5 46062 68672 97478 39685 30485 986 5 00000	USB	(AB)
S06s	11532	1-2	0740	Tue	427 986 5 46062 68672 97478 39685 30485 986 5 00000	USB	(AB)
S06s	11945	1-2	0800	Tue	127 853 6 21767 53672 11834 81022 36903 41412 853 6 00000	AM	(AB)
S06s	13195	1-2	0810	Tue	127 853 6 21767 53672 11834 81022 36903 41412 853 6 00000	AM	(AB)
S06s	6440	1-2	1000	Tue	427 935 6 05899 50387 45847 23013 87758 52434 935 5 00000	USB	(AB-POL)
S06s	5660	1-2	1010	Tue	427 935 6 05899 50387 45847 23013 87758 52434 935 5 00000	USB	(AB-POL)
S06s	5035	1-2	1100	Tue	265 830 7 33796 13577 74526 46647 79302 53516 25616 830 7 00000	USB	(AB-POL/HFD-RUS)
S06s	5975	1-2	1110	Tue	265 830 7 33796 13577 74526 46647 79302 53516 25616 830 7 00000	USB	(AB-POL/HFD-RUS)
S06s	7062	2-2	0830	Wed	464 839 5 10597 23521 47660 92883 69901 839 5 00000	USB	(AB)
S06s	10532	2-2	0840	Wed	464 839 5 10597 23521 47660 92883 69901 839 5 00000	USB	(AB)
S06s	12365	2-2	1000	Wed	276 408 5 82045 36717 24042 75855 31607 408 5 00000	USB	(AB)
S06s	14280	2-2	1010	Wed	276 408 5 82045 36717 24042 75855 31607 408 5 00000	USB	(AB)
S06s	9921	3-2	0830	Thu	172 172 172 00000	USB	(AB)
S06s	9379	3-2	0840	Thu	172 172 172 00000	USB	(AB)
S06s	11550	3-2	0850	Thu	172 172 172 00000	USB	(AB)
S06s	12142	3-2	0900	Thu	172 172 172 00000	USB	(AB)
S06s	13375	3-2	0910	Thu	172 172 172 00000	USB	(AB)
S06s	13875	3-2	0920	Thu	172 172 172 00000	USB	(AB)
S06s	8812	3-2	0930	Thu	698 240 5 88146 57856 98835 46186 16945 340 5 00000	USB	(AB)
S06s	14986	3-2	0930	Thu	172 172 172 00000	USB	(AB)
S06s	9540	3-2	0940	Thu	698 240 5 88146 57856 98835 46186 16945 340 5 00000	USB	(AB/F5JBR)
S06s	12155	3-2	1200	Thu	175 489 6 09394 76911 75155 92918 97067 58604 489 6 00000	USB	(AB/MPJ-HNG)
S06s	10920	3-2	1210	Thu	175 489 6 09394 76911 75155 92918 97067 58604 489 6 00000	USB	(AB/MPJ-HNG)
S06s	11040	4-2	0830	Fri	156 430 7 96320 26792 52028 77344 25009 23240 77286 430 7 00000	USB	(AB)
S06s	12153	4-2	0840	Fri	156 430 7 96320 26792 52028 77344 25009 23240 77286 430 7 00000	USB	(AB)
S06s	5765	4-2	0900	Fri	239 876 5 20534 22260 42393 27628 26060 876 5 00000	USB	(AB-POL)
S06s	6315	4-2	0910	Fri	239 876 5 20534 22260 42393 27628 26060 876 5 00000	USB	(AB-POL)
S06s	8680	5-2	0800	Sat	132 409 5 46062 68672 97478 39685 30485 409 5 00000	USB	(AB)
S06s	8260	5-2	0810	Sat	132 409 5 46062 68672 97478 39685 30485 409 5 00000	USB	(AB)
S06s	13470	7-2	0630	Mon	462 983 5 88280 84116 53718 78927 34694 983 5 00000	USB	(AB-ISR)
S06s	16515	7-2	0640	Mon	462 983 5 88280 84116 53718 78927 34694 983 5 00000	USB	(AB-ISR)
S06s	8057	7-2	0830	Mon	764 892 5 88146 57856 98825 82707 06123 892 5 00000	USB	(AB-BLR)
S06s	8530	7-2	0840	Mon	764 892 5 88146 57856 98825 82707 06123 892 5 00000	USB	(AB-UKR)

S06s	14675	7-2	0900	Mon	232 875 6 88569 89617 25757 77159 95225 22536 875 6 00000	USB	(AB)
S06s	12830	7-2	0910	Mon	232 875 6 88569 89617 25757 77159 95225 22536 875 6 00000	USB	(AB)
S06s	8420	7-2	1300	Mon	149 830 5 52343 79628 42432 56075 40614 830 5 00000	USB	(AB)
S06s	10635	7-2	1310	Mon	149 830 5 52343 79628 42432 56075 40614 830 5 00000	USB	(AB)
S06s	14240	8-2	0600	Tue	438 296 5 96521 42341 52344 81413 11749 296 5 00000	USB	(AB-UKR)
S06s	16145	8-2	0600	Tue	438 296 5 96521 42341 52344 81413 11749 296 5 00000	USB	(AB-UKR)
S06s	5250	8-2	0700	Tue	452 961 7 75357 55678 79628 94083 70552 65125 71736 961 7 00000	USB	(AB-POL)
S06s	6320	8-2	0710	Tue	452 961 7 75357 55678 79628 94083 70552 65125 71736 961 7 00000	USB	(AB-POL)
S06s	7410	8-2	0730	Tue	427 986 5 46062 68672 97478 39685 30485 986 5 00000	USB	(AB)
S06s	11532	8-2	0740	Tue	427 986 5 46062 68672 97478 39685 30485 986 5 00000	USB	(AB)
S06s	11945	8-2	0800	Tue	127 853 6 21767 53672 11834 81022 36903 41412 853 6 00000	AM	(AB)
S06s	13195	8-2	0810	Tue	127 853 6 21767 53672 11834 81022 36903 41412 853 6 00000	AM	(AB)
S06s	6440	8-2	1000	Tue	427 935 6 05899 50387 45847 23013 87758 52434 935 5 00000	USB	(AB-POL)
S06s	5660	8-2	1010	Tue	427 935 6 05899 50387 45847 23013 87758 52434 935 5 00000	USB	(AB-POL)
S06s	5035	8-2	1100	Tue	265 830 7 33796 13577 74526 46647 79302 53516 25616 830 7 00000	USB	(AB-POL)
S06s	5975	8-2	1110	Tue	265 830 7 33796 13577 74526 46647 79302 53516 25616 830 7 00000	USB	(AB-POL)
S06s	7062	9-2	0830	Wed	464 839 5 10597 23521 47660 92883 69901 839 5 00000	USB	(AB-UKR)
S06s	10532	9-2	0840	Wed	464 839 5 10597 23521 47660 92883 69901 839 5 00000	USB	(AB)
S06s	12365	9-2	1000	Wed	276 408 5 82045 36717 24042 75855 31607 408 5 00000	USB	(AB)
S06s	14280	9-2	1010	Wed	276 408 5 82045 36717 24042 75855 31607 408 5 00000	USB	(AB)
S06s	6771	9-2	1337	Wed	Alternating carriers. VVV for 2 mins at 1337z. 5 mins carriers on/off, cracking etc. Then S06s 123, R12m. German voice traffic at 1359z. All off at 1416z	FSK-CW/USB	(S06s team)
S06s	9921	10-2	0830	Thu	172 172 172 00000	USB	(AB)
S06s	9379	10-2	0840	Thu	172 172 172 00000	USB	(AB)
S06s	11550	10-2	0850	Thu	172 172 172 00000	USB	(AB)
S06s	12142	10-2	0900	Thu	172 172 172 00000	USB	(AB)
S06s	13375	10-2	0910	Thu	172 172 172 00000	USB	(AB)
S06s	13875	10-2	0920	Thu	172 172 172 00000	USB	(AB)
S06s	8812	10-2	0930	Thu	698 240 5 88146 57856 98835 46186 16945 340 5 00000	USB	(AB)
S06s	14986	10-2	0930	Thu	172 172 172 00000	USB	(AB)
S06s	9540	10-2	0940	Thu	698 240 5 88146 57856 98835 46186 16945 340 5 00000	USB	(AB)
S06s	12200	10-2	0956	Thu	123 (R3m), off at 0959z, no idle carrier before or after	USB	(RO-P)
S06s	12155	10-2	1200	Thu	175 489 6 09394 76911 75155 92918 97067 58604 489 6 00000	USB	(AB/MPJ)
S06s	10920	10-2	1210	Thu	175 489 6 09394 76911 75155 92918 97067 58604 489 6 00000	USB	(AB/MPJ)
S06s	4575	10-2	1754	Thu	Unpaired groups, no preamble 12832 13575 81587 ... 45218 9_____ Completely garbled after group 189. VVV in ICW at 1811z	USB	(S06s team)
S06s	11040	11-2	0830	Fri	156 430 7 96320 26792 52028 77344 25009 23240 77286 430 7 00000	USB	(AB)
S06s	12153	11-2	0840	Fri	156 430 7 96320 26792 52028 77344 25009 23240 77286 430 7 00000	USB	(AB)
S06s	5765	11-2	0900	Fri	239 876 5 20534 22260 42393 27628 26060 876 5 00000	USB	(AB-POL)
S06s	6315	11-2	0910	Fri	239 876 5 20534 22260 42393 27628 26060 876 5 00000	USB	(AB-POL)
S06s	13470	14-2	0630	Mon	462 983 5 88280 84116 53718 78927 34694 983 5 00000	USB	(AB-CYP)
S06s	16515	14-2	0640	Mon	462 983 5 88280 84116 53718 78927 34694 983 5 00000	USB	(AB-CYP)

S06s	8057	14-2	0830	Mon	764 892 5 88146 57856 98825 82707 06123 892 5 00000	USB	(AB)
S06s	8530	14-2	0840	Mon	764 892 5 88146 57856 98825 82707 06123 892 5 00000	USB	(AB)
S06s	14675	14-2	0900	Mon	232 875 6 88569 89617 25757 77159 95225 22536 875 6 00000	USB	(AB)
S06s	12830	14-2	0910	Mon	232 875 6 88569 89617 25757 77159 95225 22536 875 6 00000	USB	(AB)
S06s	8420	14-2	1300	Mon	149 830 5 52343 79628 42432 56075 40614 830 5 00000	USB	(AB/MPJ-RUS)
S06s	10635	14-2	1310	Mon	149 830 5 52343 79628 42432 56075 40614 830 5 00000	USB	(AB/MPJ-RUS)
S06s	14240	15-2	0600	Tue	438 271 5 88280 84116 53718 78927 34694 271 5 00000	USB	(AB-CYP)
S06s	16145	15-2	0600	Tue	438 271 5 88280 84116 53718 78927 34694 271 5 00000	USB	(AB-CYP)
S06s	5250	15-2	0700	Tue	452 806 7 17975 21816 42997 94184 47374 74154 08531 806 7 00000	USB	(AB-POL)
S06s	6320	15-2	0710	Tue	452 806 7 17975 21816 42997 94184 47374 74154 08531 806 7 00000	USB	(AB-POL)
S06s	7410	15-2	0730	Tue	427 810 6 81413 94073 83531 94063 63156 47665 815 6 00000	USB	(AB)
S06s	11532	15-2	0740	Tue	427 810 6 81413 94073 83531 94063 63156 47665 815 6 00000	USB	(AB)
S06s	11945	15-2	0800	Tue	127 896 5 21767 53672 11843 81022 36903 896 5 00000	AM	(AB)
S06s	13195	15-2	0810	Tue	127 896 5 21767 53672 11843 81022 36903 896 5 00000	AM	(AB)
S06s	6440	15-2	1000	Tue	427 835 6 88554 82045 36717 24042 46956 31670 835 6 00000	USB	(AB-POL)
S06s	5660	15-2	1010	Tue	427 835 6 88554 82045 36717 24042 46956 31670 835 6 00000	USB	(AB-POL)
S06s	5035	15-2	1100	Tue	265 947 8 92699 14600 74248 48754 65125 41879 84648 47660 947 8 00000	USB	(AB-POL/MPJ-HNG)
S06s	5975	15-2	1110	Tue	265 947 8 92699 14600 74248 48754 65125 41879 84648 47660 947 8 00000	USB	(AB-POL/MPJ-HNG)
S06s	7062	16-2	0830	Wed	464 270 5 35387 42143 30304 35113 59321 270 5 00000	USB	(AB-POL)
S06s	10532	16-2	0840	Wed	464 270 5 35387 42143 30304 35113 59321 270 5 00000	USB	(AB)
S06s	12365	16-2	1000	Wed	276 403 5 56721 38731 43808 59031 84583 403 5 00000	USB	(AB)
S06s	14280	16-2	1010	Wed	276 403 5 56721 38731 43808 59031 84583 403 5 00000	USB	(AB)
S06s	4550	16-2	1608	Wed	274 073 15 88620 58069 61732 ... 43494 37638 16070 073 15 00000	USB	(kalv)
S06s	4550	16-2	1639	Wed	274 073 15 88620 58069 61732 ... 43494 37638 16070 073 15 00000	USB	(kalv)
S06s	9921	17-2	0830	Thu	172 172 172 00000	USB	(AB)
S06s	9379	17-2	0840	Thu	172 172 172 00000	USB	(AB)
S06s	5370	17-2	0846	Thu	274 536 19 56306 74400 84581 76276 00530 57893 8568 Out in mid message. Carrier off 10s later	USB	(Azu)
S06s	11550	17-2	0850	Thu	172 172 172 00000	USB	(AB)
S06s	12142	17-2	0900	Thu	172 172 172 00000	USB	(AB)
S06s	13375	17-2	0910	Thu	172 172 172 00000	USB	(AB)
S06s	13875	17-2	0920	Thu	172 172 172 00000	USB	(AB)
S06s	8812	17-2	0930	Thu	698 214 5 37867 86001 40275 44333 31502 214 5 00000	USB	(AB)
S06s	14986	17-2	0930	Thu	172 172 172 00000	USB	(AB)
S06s	9540	17-2	0940	Thu	698 214 5 37867 86001 40275 44333 31502 214 5 00000	USB	(AB)
S06s	12155	17-2	1200	Thu	175 482 6 31467 33351 43533 35211 33212 38714 482 6 00000	USB	(AB/MPJ)
S06s	10920	17-2	1210	Thu	175 482 6 31467 33351 43533 35211 33212 38714 482 6 00000	USB	(AB/MPJ)
S06s	5420	18-2	0535	Fri	Carrier; VVV (R1m) in CW. at 0538z: 274 (R4m) 073 15 88620 58069 (4sec silence) 274 (R7m) 2- out mid ID	USB	(PY/kalv)
S06s	5420	18-2	0607	Fri	VVV (R7m) in CW; Carrier; 274 (R12m) (7s silence) 274 (R6m)	USB	(kalv)
S06s	5420	18-2	0640	Fri	274 (R11m) 27- out mid ID	USB	(kalv)
S06s	11040	18-2	0830	Fri	156 943 7 46062 68672 97478 39685 30485 96632 52537 943 7 0000	USB	(AB)
S06s	12153	18-2	0840	Fri	156 943 7 46062 68672 97478 39685 30485 96632 52537 943 7 0000	USB	(AB)

S06s	5765	18-2	0900	Fri	239 476 5 21767 53672 11834 81022 36903 476 5 00000	USB	(AB-POL)
S06s	6315	18-2	0910	Fri	239 476 5 21767 53672 11834 81022 36903 476 5 00000	USB	(AB-POL)
S06s	4630	19-2	0730	Sat	274 (R4) no message	USB	(Lazo)
S06s	13470	21-2	0630	Mon	462 801 5 77620 48069 62733 74526 56440 801 5 00000	USB	(AB-KWT)
S06s	16515	21-2	0640	Mon	462 801 5 77620 48069 62733 74526 56440 801 5 00000	USB	(AB-KWT)
S06s	8057	21-2	0830	Mon	764 208 5 46062 68672 97478 39685 30485 208 5 00000	USB	(AB)
S06s	8530	21-2	0840	Mon	764 208 5 46062 68672 97478 39685 30485 208 5 00000	USB	(AB)
S06s	14675	21-2	0900	Mon	232 409 5 21767 53762 11834 81022 36905 409 5 00000	USB	(AB)
S06s	12830	21-2	0910	Mon	232 409 5 21767 53762 11834 81022 36905 409 5 00000	USB	(AB)
S06s	8420	21-2	1300	Mon	149 203 5 47665 94092 48521 63888 92060 203 5 00000	USB	(AB/MPJ)
S06s	10635	21-2	1310	Mon	149 203 5 47665 94092 48521 63888 92060 203 5 00000	USB	(AB/MPJ)
S06s	14240	22-2	0600	Tue	438 271 5 88280 84116 53718 78927 34694 271 5 00000	USB	(AB-CYP)
S06s	16145	22-2	0600	Tue	438 271 5 88280 84116 53718 78927 34694 271 5 00000	USB	(AB-CYP)
S06s	5250	22-2	0700	Tue	452 806 7 17975 21816 42997 94184 47374 74154 08531 806 7 00000	USB	(AB-POL)
S06s	6320	22-2	0710	Tue	452 806 7 17975 21816 42997 94184 47374 74154 08531 806 7 00000	USB	(AB-POL)
S06s	7410	22-2	0730	Tue	427 815 6 81413 94073 83531 9463 63156 47665 815 6 00000	USB	(AB)
S06s	11532	22-2	0740	Tue	427 815 6 81413 94073 83531 9463 63156 47665 815 6 00000	USB	(AB)
S06s	11945	22-2	0800	Tue	127 896 5 21767 53672 11843 81022 36903 896 5 00000	AM	(AB)
S06s	13195	22-2	0810	Tue	127 896 5 21767 53672 11843 81022 36903 896 5 00000	AM	(AB)
S06s	6440	22-2	1000	Tue	427 835 6 88554 82045 36717 24042 46956 31670 835 6 00000	USB	(AB-HNG)
S06s	5660	22-2	1010	Tue	427 835 6 88554 82045 36717 24042 46956 31670 835 6 00000	USB	(AB-HNG)
S06s	5035	22-2	1100	Tue	265 947 8 92699 14600 74248 48754 65125 41879 84648 47660 947 8 00000	USB	(AB-ROU)
S06s	5975	22-2	1110	Tue	265 947 8 92699 14600 74248 48754 65125 41879 84648 47660 947 8 00000	USB	(AB-ROU)
S06s	3156	22-2	1946	Tue	124 (R3m20s) 278 278 199 1 off	USB	(Toprus)
S06s	7062	23-2	0830	Wed	464 270 5 35387 42143 30304 35113 59321 270 5 00000	USB	(AB-POL)
S06s	10532	23-2	0840	Wed	464 270 5 35387 42143 30304 35113 59321 270 5 00000	USB	(AB)
S06s	12365	23-2	1000	Wed	276 403 5 56721 38731 43808 59031 84583 403 5 00000	USB	(AB)
S06s	14280	23-2	1010	Wed	276 403 5 56721 38731 43808 59031 84583 403 5 00000	USB	(AB)
S11a	12530	1-2	0500	Tue	380/00	USB	(AB-POL)
S11a	9057	2-2	0510	Wed	650/00	USB	(AB)
S11a	11486	2-2	1850	Wed	282/00	USB	(AB/MPJ)
S11a	12530	3-2	0500	Thu	382/00	USB	(AB-POL)
S11a	6252	4-2	0915	Fri	487/00	USB	(AB)
S11a	5371	5-2	0830	Sat	370/00	USB	(AB)
S11a	11486	5-2	1850	Sat	282/00	USB	(AB/MPJ)
S11a	5371	6-2	0830	Sun	372/00	USB	(AB)
S11a	9057	7-2	0510	Mon	650/33 Vnimanaye 98332 41628 09168 ... 54942 50449 73711 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	6252	7-2	0915	Mon	483/00	USB	(AB)
S11a	12530	8-2	0500	Tue	381/32 Vnimanaye 63002 31742 92346 ... 34461 88809 61766 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	9057	9-2	0510	Wed	650/33 Vnimanaye 98332 41628 09168 ... 54942 50449 73711 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	11486	9-2	1850	Wed	285/00	USB	(AB-POL/MPJ)
S11a	12530	10-2	0500	Thu	381/32 Vnimanaye 63002 31742 92346 ... 34461 88809 61766 Vnimanaye (message repeated) Konets	USB	(AB-POL)

S11a	9050	10-2	0700	Thu	472/00	USB	(AB)
S11a	6252	11-2	0915	Fri	486/00	USB	(AB)
S11a	5371	12-2	0830	Sat	379/00	USB	(AB)
S11a	11486	12-2	1850	Sat	286/00	USB	(AB-POL)
S11a	11486	12-2	1850	Sat	286/00	USB	(AB-POL/MPJ)
S11a	5371	13-2	0830	Sun	377/00	USB	(AB)
S11a	9057	14-2	0510	Mon	656/00	USB	(AB-POL)
S11a	9050	14-2	0700	Mon	470/31 Vnimanaye 22578 47690 93017 ... 91016 04739 29138 Vnimanaye (message repeated) Konets	USB	(AB/HFD)
S11a	6252	14-2	0915	Mon	484/33 Vnimanaye 61453 17497 81486 ... 03303 46076 72998 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	12530	15-2	0500	Tue	380/00	USB	(AB-POL)
S11a	9057	16-2	0510	Wed	657/00	USB	(AB-POL)
S11a	11486	16-2	1850	Wed	288/00	USB	(AB-POL)
S11a	9050	17-2	0700	Thu	470/31 Vnimanaye 22578 47690 93017 ... 91016 04739 29138 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	6252	18-2	0915	Fri	484/33 Vnimanaye 61453 17497 81486 ... 03303 46076 72998 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	5371	19-2	0830	Sat	371/00	USB	(AB)
S11a	5371	20-2	0830	Sun	377/00	USB	(AB)
S11a	9057	21-2	0510	Mon	652/00	USB	(AB-POL)
S11a	9050	21-2	0700	Mon	472/00	USB	(AB)
S11a	6252	21-2	0915	Mon	481/00	USB	(AB)
S11a	12530	22-2	0500	Tue	383/00	USB	(AB-POL)
S11a	9057	23-2	0510	Wed	652/00	USB	(AB-POL)
S11a	11486	23-2	1850	Wed	281/35 Vnimanaye 03065 25249 53507 ... 96521 20242 06056 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	12530	24-2	0500	Thu	383/00	USB	(AB-POL)
S11a	9050	24-2	0700	Thu	470/00	USB	(AB)
S11a	6252	25-2	0915	Fri	480/00	USB	(AB)
S11a	5371	26-2	0830	Sat	372/34 Vnimanaye 98977 02031 95758 ... 18761 82006 22713 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	11486	26-2	1850	Sat	281/35 Vnimanaye 03065 25249 53507 ... 96521 20242 06056 Vnimanaye (message repeated) Konets	USB	(AB-POL/MPJ)
S11a	5371	27-2	0830	Sun	372/34 Vnimanaye 98977 02031 95758 ... 18761 82006 22713 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	9057	28-2	0510	Mon	656/00	USB	(AB-POL)
S11a	9050	28-2	0700	Mon	475/00	USB	(AB)
S11a	6252	28-2	0915	Mon	484/00	USB	(AB)
SK01	11435	10-2	1604	Thu	73257 67177 57715 86753 61371 82006 with odd sounding data	AM/WinDRM	(RR2)
SK01	11435	10-2	1625	Thu	73257 67177 57715 86753 61371 82006 fileS: 50008675.F1C 50206137.F1C 50008200.F1C 68807325.TXT.lz 03516717.TXT.lz 84415771.TXT.lz	AM/WinDRM	(AB)
SK01	11435	11-2	1633	Fri	08352 15521 32767 33585 67724 35381 Files: 31870835.TXT.lz 22001552.TXT.lz 46423276.TXT.lz 36223358.F1G 10116772.TXT.lz 00363538.TXT.lz Late start.	AM/WinDRM	(AB-USA)
SK01	11435	12-2	1630	Sat	28686 08022 15231 51558 20377 46664	AM/WinDRM	(RR2)
SK01	11530	12-2	1708	Sat	i.p. 28686 08022 15231 51558 20377 46664 files: 66022868.TXT.lz 36000802.F1G 36701523.F1G 13885155.TXT.lz 00072037.TXT.lz 36614666.F1G	AM/WinDRM	(AB-USA)
SK01	11435	13-2	1606	Sun	43641 07114 08643 14543 50241 56516 Files 18544364.TXT 73660711.TXT 86870864.TXT 18441454.TXT 62505024.TXT 32445651.TXT	AM/WinDRM	(AB-USA/RR2)
SK01	11435	14-2	1630	Mon	80133 86266 68227 35616 35714 46119	AM/WinDRM	(RR2)

SK01	11530	14-2	1700	Mon	80133 86266 68227 35616 35714 46119 Files 88178013.TXT 55118626.TXT 26546822.TXT 21073561.TXT 04763571.TXT 56264611.TXT	AM/WinDRM	(AB-USA)
SK01	11435	15-2	1630	Tue	27727 77241 81422 82411 38741 13772 Files 13632772.TXT 36717724.F1G 63658142.TXT 10128241.TXT 17733874.TXT 13632772.TXT	AM/WinDRM	(AB-USA/RR2)
SK01	11435	15-2	1654	Tue	27727 77241 81422 82411 38741 13772 Should be on 11530 kHz. Switched at 1706z	AM/WinDRM	(AB-USA)
SK01	11530	15-2	1706	Tue	27727 77241 81422 82411 38741 13772	AM/WinDRM	(AB-USA)
SK01	11530	16-2	1700	Wed	61272 17844 71745 87275 63632 55325 Files 36876127.F1G 88531784.TXT 50257174.F1C 22668727.TXT 43336363.TXT 46155532.TXT	AM/WinDRM	(AB-USA)
SK01	11435	17-2	1600	Thu	24045 55747 62019 65071 40844 76878	AM/WinDRM	(RR2)
SK01	11530	17-2	1701	Thu	24045 55747 62019 65071 40844 76878 Files 76652404.TXT 03325574.TXT 86066201.TXT 17546507.TXT 50774084.F1C 33307687.TXT	AM/WinDRM	(AB-USA)
SK01	16180	17-2	2130	Thu	24045 55747 62019 65071 40844 76878	AM/WinDRM	(RR2)
SK01	11435	18-2	1630	Fri	05071 43782 44352 35412 57858 47701	AM/WinDRM	(RR2)
SK01	11530	18-2	1702	Fri	05071 43782 44352 35412 57858 47701 Files 06500507.TXT 50744378.F1C 32604435.TXT 23503541.TXT 43665785.TXT 42824770.TXT	AM/WinDRM	(AB-USA)
SK01	11435	19-2	1603	Sat	i.p. 60303 28856 61574 30106 77572 70332 Files 12726030.TXT 27512885.TXT 05566157.TXT 02533010.TXT 37537757.TXT 36127033.F1G	AM/WinDRM	(AB-USA)
SK01	11435	19-2	1630	Sat	60303 28856 61574 30106 77572 70332	AM/WinDRM	(RR2)
SK01	11435	20-2	1612	Sun	i.p. 08377 60161 66338 06129 21004 54514 Files 56530837.TXT 76776016.TXT 36306633.TXT 07860612.TXT 36252100.F1G 04535451.TXT	AM/WinDRM	(AB-USA)
SK01	11435	20-2	1624	Sun	08377 60161 66338 06129 21004 54514	AM/WinDRM	(RR2)
SK01	11530	21-2	1703	Mon	08377 60161 66338 06129 21004 54514 (repeat of 20 Feb)	AM/WinDRM	(AB-USA)
SK01	11435	22-2	1632	Tue	08377 60161 66338 06129 21004 54514 (repeat of 20 Feb)	AM/WinDRM	(AB-USA)
SK01	11635	22-2	1804	Tue	08377 60161 66338 06129 21004 54514 (repeat of 20 Feb)	AM/WinDRM	(RR2)
SK01	11435	23-2	1630	Wed	08377 60161 66338 06129 21004 54514 (repeat of 20 Feb)	AM/WinDRM	(AB-USA/RR2)
SK01	11435	24-2	1600	Thu	10458 73387 67662 06311 65374 10341	AM/WinDRM	(RR2)
SK01	11530	24-2	1700	Thu	10458 73387 67662 06311 65374 10341 Files 80141045.TXT 68237338.TXT 27626766.TXT 67000631.TXT 45216537.TXT 46771034.TXT	AM/WinDRM	(AB-USA)
SK01	16180	26-2	2100	Sat	41151 02721 67664 06313 65376 10343	AM/WinDRM	(RR2/MDK2)
SK01	16180	26-2	2106	Sat	41151 02721 67664 06313 65376 10343	AM/WinDRM	(RR2)
SK01	16180	26-2	2140	Sat	41151 02721 67664 06313 65376 10343 Files 70644115.TXT 75510272.TXT 27626766.TXT 67000631.TXT 45216537.TXT 46771034.TXT	AM/WinDRM	(AB-USA)
SK01	17480	26-2	2231	Sat	41151 02721 67664 06313 65376 10343	AM/WinDRM	(RL)
SK01	11435	27-2	1604	Sun	41151 02722 67665 06314 65377 10344	AM/WinDRM	(RR2)
SK01	11530	27-2	1700	Sun	41151 02722 67665 06314 65377 10344	AM/WinDRM	(MDK2)
SK01	11635	27-2	1828	Sun	41151 02722 67665 06314 65377 10344 Files 70644115.TXT 75510272.TXT 27626766.TXT 67000631.TXT 45216537.TXT 46771034.TXT	AM/WinDRM	(AB-USA)
SK01	10715	27-2	2200	Sun	41151 02722 67665 06314 65377 10344	AM/WinDRM	(RL)
SK01	11435	28-2	1600	Mon	41152 02723 67666 06315 65378 10345	AM/WinDRM	(RR2)
SK01	11435	28-2	1650	Mon	41152 02723 67666 06315 65378 10345 Files 70644115.TXT 75510272.TXT 27626766.TXT 67000631.TXT 45216537.TXT 46771034.TXT	AM/WinDRM	(AB-USA)
SK01	11530	28-2	1701	Mon	41152 02723 67666 06315 65378 10345	AM/WinDRM	(AB-USA)

SK01	10715	28-2	2254	Mon	41152 02723 67666 06315 65378 10345	AM/WinDRM	(RL)
UM04	4735	1-2	0800	Tue	VVV VVV PROMRÍ = 01 02 = 1000 0670 0720 0880 1310 ... 0800 0480 0520 0640 0960 = AR	CW	(AB-HNG)
UM04	4735	3-2	0800	Thu	VVVVV PROMRÍ = 03 02 = 1000 0670 0720 0890 1320 ... 0800 0490 0530 0650 0970 = AR	CW	(AB-HNG)
UM04	4735	4-2	0800	Fri	VVVVV PROMRÍ = 04 02 = 1000 0680 0730 0890 1330 ... 0800 0490 0530 0660 0980 = AR	CW	(AB-HNG)
UM04	4735	5-2	0800	Sat	VVVVV PROMRÍ = 05 02 = 1000 0720 0770 0930 1390 ... 0800 0510 0550 0670 1010 = AR	CW	(AB-HNG)
UM04	4735	6-2	0800	Sun	VVV VVV PROMRÍ = 06 02 = 1000 0680 0730 0890 1310 ... 0800 0510 0550 0670 1020 = AR	CW	(AB)
UM04	4735	10-2	0803	Thu	VVV VVV PROMRÍ = 10 02 = 1000 0680 0730 0900 1330 ... 0800 0530 0580 0710 1050 = AR	CW	(AB-HNG)
UM04	4735	11-2	0800	Fri	VVVVV PROMRÍ = 11 02 = 1000 0720 0770 0940 1390 ... 0800 0540 0590 0720 1080 = AR	CW	(AB-HNG)
UM04	4735	12-2	0800	Sat	VVV VVV PROMRÍ = 12 02 = 1000 0710 0760 0920 1370 ... 0800 0550 0590 0730 1090 = AR	CW	(AB-HNG)
UM04	4735	13-2	0800	Sun	VVV VVV PROMRÍ = 1302 = 1000 0700 0760 0920 1360 ... 0800 0550 0600 0730 1100 = AR	CW	(AB/F5JBR)
UM04	4735	15-2	0800	Tue	VVV VVV PROMRÍ 15 02 = 1000 0720 0770 0930 1370 ... 0800 0560 0610 0750 1130 = AR	CW	(AB-HNG)
UM04	4735	17-2	0803	Thu	VVV VVV PROMRÍ = 17 02 = 1000 0720 0700 0940 1390 ... 0800 0580 0620 0760 1140 = AR	CW	(AB-HNG)
UM04	4735	18-2	0800	Fri	VVV VVV PROMRÍ = 18 02 = 1000 0710 0760 0930 1370 ... 0800 0580 0620 0770 1150 = AR	CW	(AB-HNG)
UM04	4735	19-2	0800	Sat	VVV VVV PROMRÍ = 19 02 = 1000 0730 0780 0940 1390 ... 0800 0580 0630 0780 1160 = AR	CW	(AB-HNG)
UM04	4735	20-2	0806	Sun	Late start VVV VVV PROMRÍ = 20 02 = 1000 0730 0780 0940 1390 ... 0800 0580 0630 0780 1160 = AR	CW	(AB-HNG)
UM04	4735	22-2	0807	Tue	Late start VVV VVV PROMRÍ = 22 02 = 1000 0720 0780 0940 1390 ... 0800 0590 0640 0780 1170 = AR	CW	(AB-HNG)
UM04	4735	27-2	0806	Sun	VVV VVV PROMRÍ = 2702 = 1000 0740 0780 0950 1400 ... 0800 0590 0640 0790 1180 = AR	CW	(AB-GRC)
V07	15874	6-2	0100	Sun	878 878 878 1 9504 115 9504 115 45806 27040 79358 ... 91760 41734 63979 000 000	USB	(Dan/HFD-USA)
V07	14774	6-2	0120	Sun	878 878 878 1 9504 115 9504 115 45806 27040 79358 ... 91760 41734 63979 000 000	USB	(Dan/HFD-USA)
V07	13874	6-2	0140	Sun	878 878 878 1 9504 115 9504 115 45806 27040 79358 ... 91760 41734 63979 000 000	USB	(Dan/HFD-USA)
V07	15874	13-2	0100	Sun	878 878 878 1 312 120 312 120 35170 84970 93707 ... 42542 94337 34431 000 000	USB	(Dan)
V07	14774	13-2	0120	Sun	878 878 878 1 312 120 312 120 35170 84970 93707 ... 42542 94337 34431 000 000	USB	(Dan)
V07	13874	13-2	0140	Sun	878 878 878 1 312 120 312 120 35170 84970 93707 ... 42542 94337 34431 000 000	USB	(Dan)
V07	15874	20-2	0100	Sun	878 878 878 1 474 108 474 108 72535 99785 03807 ... 66859 90012 23674 000 000	USB	(AVX-USA/Dan)
V07	14774	20-2	0120	Sun	878 878 878 1 474 108 474 108 72535 99785 03807 ... 66859 90012 23674 000 000	USB	(Dan)
V07	13874	20-2	0140	Sun	878 878 878 1 474 108 474 108 72535 99785 03807 ... 66859 90012 23674 000 000	USB	(Dan)
V07	15874	27-2	0100	Sun	878 878 878 1 7326 104 7326 104 50106 57220 80767 ... 14398 39262 39396 000 000	USB	(Dan)
V07	14774	27-2	0120	Sun	878 878 878 1 7326 104 7326 104 50106 57220 80767 ... 14398 39262 39396 000 000	USB	(Dan)
V07	13874	27-2	0140	Sun	878 878 878 1 7326 104 7326 104 50106 57220 80767 ... 14398 39262 39396 000 000	USB	(Dan)
V13	13974	4-2	1240	Fri	New Star Broadcasting in progress	USB	(AB)
V13	11430	4-2	1300	Fri	New Star Broadcasting	USB	(AB)
V13	9276	11-2	1200	Fri	New Star Broadcasting	USB	(AB-J)
V13	13974	11-2	1200	Fri	New Star Broadcasting	USB	(AB)
V13	7688	16-2	1300	Wed	New Star Broadcasting	USB	(AB-J)
V13	11430	16-2	1300	Wed	New Star Broadcasting	USB	(AB)
V26	4364	3-2	1130	Thu	XSV85: callup in Chinese voice //8073	USB	(JPL)
V26	8073	3-2	1130	Thu	XSV85: callup in Chinese voice //4364	USB	(JPL)
V26	4364	14-2	1130	Mon	XSV85: callup in Chinese voice //8073	USB	(JPL)
V26	8073	14-2	1130	Mon	XSV85: callup in Chinese voice //4364	USB	(JPL)
VC01	4452	10-2	1257	Thu	Chinese Air Defense aka Chinese Robot	USB	(AB-J)
VC01	4452	11-2	1223	Fri	Chinese Air Defense a.k.a. Chinese Robot	USB	(AB)
VC01	4452	16-2	1223	Wed	Chinese Air Defense a.k.a. Chinese Robot	USB	(AB)

X06	13524	1-2	0752	Tue	MFA Moscow clg 125643: Russian embassy Ulanbatar	MFSK-06	(Moon)
X06	12157	1-2	0857	Tue	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-06	(RO-Hol)
X06	15836	1-2	0912	Tue	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-06	(RO)
X06	14812	1-2	0920	Tue	MFA Moscow clg 246531: Russian embassy Accra	MFSK-06	(RO)
X06	14358	1-2	0945	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-06	(Moon)
X06	16188	1-2	1154	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-06	(Moon)
X06	13838	2-2	0737	Wed	MFA Moscow clg 256341: Russian embassy Beirut	MFSK-6	(Moon-HOL)
X06	14631	2-2	0930	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(RO-HOL)
X06	13979	2-2	1111	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon-HOL)
X06	19511	3-2	0709	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(RO-HOL)
X06	14447	3-2	0825	Thu	MFA Moscow clg 162543: Russian embassy Nicosia	MFSK-6	(Moon-HOL)
X06	14447	3-2	0831	Thu	MFA Moscow clg 162543: Russian embassy Nicosia	MFSK-6	(AB)
X06	14720	4-2	1003	Fri	MFA Moscow clg 241563: Russian Consulate General Karachi	MFSK-6	(Moon-HOL)
X06	12215	4-2	1015	Fri	MFA Moscow clg 361245: Russian embassy Copenhagen	MFSK-6	(Moon-HOL)
X06	14824	4-2	1021	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(Moon-HOL)
X06	13452	7-2	0744	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB/Moon-HOL)
X06	14377	7-2	0832	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(Moon-HOL)
X06	14392	7-2	0904	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AB/Moon-HOL)
X06	11545	8-2	0810	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(RO-HOL)
X06	17523	8-2	0829	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(RO-HOL)
X06	16317	8-2	1009	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(RO-HOL)
X06	17470	8-2	1021	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(RO-HOL)
X06	20605	8-2	1113	Tue	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(T101-HOL)
X06	10214	9-2	0906	Wed	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(AB)
X06	16153	10-2	0817	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(RO-HOL)
X06	13506	10-2	0943	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(Moon-HOL)
X06	12177	11-2	0932	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(Moon-HOL)
X06	12114	13-2	1040	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(Moon-HOL)
X06	15710	13-2	1127	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(Moon-HOL)
X06	17475	14-2	0811	Mon	MFA Moscow clg 156234: Russian embassy Kampala	USB	(RO/Moon)
X06	20690	14-2	0817	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon-HOL)
X06	11537	14-2	0908	Mon	MFA Moscow clg 421635: Russian embassy Oslo	USB	(RO)
X06	16117	14-2	0931	Mon	MFA Moscow clg 463125: Russian embassy Rabat	USB	(RO)
X06	10372	14-2	0936	Mon	MFA Moscow clg 431625: Russian embassy Warsaw	USB	(RO/Moon)
X06	12177	14-2	1246	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(Moon-HOL)
X06	13548	15-2	0745	Tue	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(AB/RO)
X06	14615	15-2	0751	Tue	MFA Moscow clg 125643: Russian embassy Ulanbatar	USB	(RO)
X06	12174	15-2	0906	Tue	MFA Moscow clg 154632: unid embassy	USB	(RO)
X06	12186	15-2	0917	Tue	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(RO-HOL)
X06	14358	15-2	0927	Tue	MFA Moscow clg 154263: Russian embassy Rome	USB	(RO)
X06	16115	16-2	1112	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon-HOL)
X06	18660	16-2	1120	Wed	MFA Moscow clg 621543: Russian embassy Lisbon	MFSK-6	(T101/Moon-HOL)

X06	18245	16-2	1232	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(Moon-HOL)
X06	18245	16-2	1245	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(F1GOC)
X06	14947	17-2	0759	Thu	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(RO-HOL)
X06	16103	17-2	1003	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(RO-HOL)
X06	19405	17-2	1003	Thu	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(RO-HOL)
X06	11545	18-2	1003	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(Moon-HOL)
X06	11545	18-2	1003	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(RO-HOL)
X06	12215	18-2	1003	Fri	MFA Moscow clg 361245: Russian embassy Copenhagen	MFSK-6	(AB/Moon)
X06	13547	18-2	1003	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(RO-HOL)
X06	14824	18-2	1003	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(Moon-HOL)
X06	15878	18-2	1003	Fri	MFA Moscow clg 621543: Russian embassy Lisbon	MFSK-6	(Moon-HOL)
X06	15878	18-2	1003	Fri	MFA Moscow clg 621543: Russian embassy Lisbon	MFSK-6	(Moon-HOL)
X06	15878	18-2	1003	Fri	MFA Moscow clg 621543: Russian embassy Lisbon	MFSK-6	(Moon-HOL)
X06	13452	21-2	0750	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB/Moon-HOL)
X06	10175	21-2	0811	Mon	MFA Moscow clg 263514: Unid embassy	MFSK-6	(Moon-HOL)
X06	12133	21-2	0828	Mon	MFA Moscow clg 263514: Unid embassy	MFSK-6	(Moon-HOL)
X06	11562	21-2	0833	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(Moon-HOL)
X06	11438	21-2	0916	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(Moon-HOL)
X06	14547	25-2	1301	Fri	MFA Moscow clg 645321: Russian Consulate General in Ho Chi Minh City	MFSK-6	(RO-HOL)
X06	15710	27-2	1025	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(Moon-HOL)
X06	12114	27-2	1042	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(Moon-HOL)
X06	20690	28-2	0849	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(RO)
X06	11537	28-2	0907	Mon	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(RO)
X06	16117	28-2	0934	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(RO/Moon-HOL)
X06	10372	28-2	0937	Mon	MFA Moscow clg 431625: Russian embassy Warsaw	MFSK-6	(RO)
X06	10372	28-2	0937	Mon	MFA Moscow clg 431625: Russian embassy Warsaw	MFSK-6	(Moon-HOL)
XPA1	13397	1-2	0810	Tue	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB/HFD)
XPA1	14413	1-2	0830	Tue	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB/HFD)
XPA1	15972	1-2	0850	Tue	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB/HFD)
XPA1	14374	2-2	1310	Wed	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/HFD)
XPA1	13374	2-2	1330	Wed	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/HFD)
XPA1	11474	2-2	1350	Wed	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/HFD)
XPA1	13397	3-2	0810	Thu	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	14413	3-2	0830	Thu	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	15972	3-2	0850	Thu	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	14374	4-2	1310	Fri	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/MPJ)
XPA1	13374	4-2	1330	Fri	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/MPJ)
XPA1	11474	4-2	1350	Fri	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/MPJ)
XPA1	13397	8-2	0810	Tue	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	14413	8-2	0830	Tue	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	15972	8-2	0850	Tue	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	14374	9-2	1310	Wed	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB)

XPA1	13374	9-2	1330	Wed	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB)
XPA1	11474	9-2	1350	Wed	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB)
XPA1	13397	10-2	0810	Thu	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	14413	10-2	0830	Thu	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	15972	10-2	0850	Thu	143 143 143 1 07301 00118 49703 ... 68287 58729 56546	MFSK-20/10Bd	(AB)
XPA1	14374	11-2	1310	Fri	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/MPJ)
XPA1	13374	11-2	1330	Fri	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/MPJ)
XPA1	11474	11-2	1350	Fri	334 334 334 1 00752 00094 79816 ... 73826 45790 75407	MFSK-20/10Bd	(AB/MPJ)
XPA1	13397	15-2	0810	Tue	143 143 143 000 02540 00001 00000 33656	MFSK-20/10Bd	(AB)
XPA1	14413	15-2	0830	Tue	143 143 143 000 02540 00001 00000 33656	MFSK-20/10Bd	(AB)
XPA1	15972	15-2	0850	Tue	143 143 143 000 02540 00001 00000 33656	MFSK-20/10Bd	(AB)
XPA1	14374	16-2	1310	Wed	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB)
XPA1	13374	16-2	1330	Wed	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB)
XPA1	11474	16-2	1350	Wed	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB)
XPA1	13397	17-2	0810	Thu	143 143 143 000 06329 00001 00000 37260	MFSK-20/10Bd	(AB)
XPA1	14413	17-2	0830	Thu	143 143 143 000 06329 00001 00000 37260	MFSK-20/10Bd	(AB)
XPA1	15972	17-2	0850	Thu	143 143 143 000 06329 00001 00000 37260	MFSK-20/10Bd	(AB)
XPA1	14374	18-2	1310	Fri	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB/MPJ)
XPA1	13374	18-2	1330	Fri	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB/MPJ)
XPA1	11474	18-2	1350	Fri	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB/MPJ)
XPA1	13397	22-2	0810	Tue	143 143 143 000 06869 00001 00000 41664	MFSK-20/10Bd	(AB)
XPA1	14413	22-2	0830	Tue	143 143 143 000 06869 00001 00000 41664	MFSK-20/10Bd	(AB)
XPA1	15972	22-2	0850	Tue	143 143 143 000 06869 00001 00000 41664	MFSK-20/10Bd	(AB)
XPA1	14374	23-2	1310	Wed	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB)
XPA1	13374	23-2	1330	Wed	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB)
XPA1	11474	23-2	1350	Wed	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB)
XPA1	13397	24-2	0810	Thu	143 143 143 000 04635 00001 00000 36657	MFSK-20/10Bd	(AB)
XPA1	14413	24-2	0830	Thu	143 143 143 000 04635 00001 00000 36657	MFSK-20/10Bd	(AB)
XPA1	15972	24-2	0850	Thu	143 143 143 000 04635 00001 00000 36657	MFSK-20/10Bd	(AB)
XPA1	14374	25-2	1310	Fri	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB/MPJ)
XPA1	13374	25-2	1330	Fri	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB/MPJ)
XPA1	11474	25-2	1350	Fri	334 334 334 1 07930 00130 61660 ... 04329 70412 72301	MFSK-20/10Bd	(AB/MPJ)
XPA2	10643	1-2	0820	Tue	06586 00068 75828 ... 02708 12864 01745	MFSK-16/20Bd	(AB)
XPA2	11431	1-2	0830	Tue	06586 00068 75828 ... 02708 12864 01745	MFSK-16/20Bd	(AB/HFD)
XPA2	12192	1-2	0840	Tue	06586 00068 75828 ... 02708 12864 01745	MFSK-16/20Bd	(AB)
XPA2	12147	1-2	1100	Tue	00646 00038 09463 ... 11930 77863 74633	MFSK-16/20Bd	(AB/HFD)
XPA2	10643	1-2	1110	Tue	07116 00070 87617 2... 70614 20785 22407	MFSK-16/20Bd	(AB/HFD)
XPA2	10347	1-2	1120	Tue	00646 00038 09463 ... 11930 77863 74633	MFSK-16/20Bd	(AB/HFD)
XPA2	11431	1-2	1120	Tue	07116 00070 87617 2... 70614 20785 22407	MFSK-16/20Bd	(AB/HFD)
XPA2	12192	1-2	1130	Tue	07116 00070 87617 2... 70614 20785 22407	MFSK-16/20Bd	(AB/HFD)
XPA2	9247	1-2	1140	Tue	00646 00038 09463 ... 11930 77863 74633	MFSK-16/20Bd	(AB/HFD)
XPA2	11163	1-2	1200	Tue	02532 00080 88236 ... 63591 23522 06531	MFSK-16/20Bd	(AB/MPJ/HFD)

XPA2	13363	1-2	1220	Tue	02532 00080 88236 ... 63591 23522 06531	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14563	1-2	1240	Tue	02532 00080 88236 ... 63591 23522 06531	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	10643	1-2	1300	Tue	07007 00070 82053 ... 34839 06647 07747	MFSK-16/20Bd	(AB)
XPA2	11431	1-2	1310	Tue	07007 00070 82053 ... 34839 06647 07747	MFSK-16/20Bd	(AB)
XPA2	12192	1-2	1320	Tue	07007 00070 82053 ... 34839 06647 07747	MFSK-16/20Bd	(AB/HFD)
XPA2	10643	1-2	1340	Tue	08556 00065 88787 ... 88081 15722 36170	MFSK-16/20Bd	(AB/HFD)
XPA2	11431	1-2	1350	Tue	08556 00065 88787 ... 88081 15722 36170	MFSK-16/20Bd	(AB/HFD)
XPA2	12192	1-2	1400	Tue	08556 00065 88787 ... 88081 15722 36170	MFSK-16/20Bd	(AB/HFD)
XPA2	12173	1-2	1600	Tue	00913 00238 88082 ... 54121 28797 53575	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	10373	1-2	1620	Tue	00913 00238 88082 ... 54121 28797 53575	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	9373	1-2	1640	Tue	00913 00238 88082 ... 54121 28797 53575	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13387	2-2	0800	Wed	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	13887	2-2	0820	Wed	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	14787	2-2	0840	Wed	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	10643	2-2	0900	Wed	02958 00056 89740 ... 50597 76299 52402	MFSK-16/20Bd	(AB)
XPA2	11431	2-2	0910	Wed	02958 00056 89740 ... 50597 76299 52402	MFSK-16/20Bd	(AB)
XPA2	16102	2-2	0910	Wed	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	12192	2-2	0920	Wed	02958 00056 89740 ... 50597 76299 52402	MFSK-16/20Bd	(AB)
XPA2	14951	2-2	0930	Wed	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	13991	2-2	0950	Wed	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	10643	2-2	1000	Wed	09806 00079 41348 ... 13171 14902 65447	MFSK-16/20Bd	(AB)
XPA2	11431	2-2	1010	Wed	09806 00079 41348 ... 13171 14902 65447	MFSK-16/20Bd	(AB)
XPA2	12192	2-2	1020	Wed	09806 00079 41348 ... 13171 14902 65447	MFSK-16/20Bd	(AB)
XPA2	10643	2-2	1040	Wed	01478 00051 86244 ... 7687 81145 51410	MFSK-16/20Bd	(AB)
XPA2	11431	2-2	1050	Wed	01478 00051 86244 ... 7687 81145 51410	MFSK-16/20Bd	(AB)
XPA2	12192	2-2	1100	Wed	01478 00051 86244 ... 7687 81145 51410	MFSK-16/20Bd	(AB)
XPA2	13967	2-2	1100	Wed	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB)
XPA2	13367	2-2	1120	Wed	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB)
XPA2	11567	2-2	1140	Wed	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB)
XPA2	11575	2-2	1200	Wed	00594 00124 11014 ... 30428 10174 75177	MFSK-16/20Bd	(AB/HFD)
XPA2	13375	2-2	1220	Wed	00594 00124 11014 ... 30428 10174 75177	MFSK-16/20Bd	(AB/HFD)
XPA2	13975	2-2	1240	Wed	00594 00124 11014 ... 30428 10174 75177	MFSK-16/20Bd	(AB/HFD)
XPA2	10643	2-2	1300	Wed	08246 00074 57342 ... 43978 49018 07667	MFSK-16/20Bd	(AB)
XPA2	11431	2-2	1310	Wed	08246 00074 57342 ... 43978 49018 07667	MFSK-16/20Bd	(AB)
XPA2	12192	2-2	1320	Wed	08246 00074 57342 ... 43978 49018 07667	MFSK-16/20Bd	(AB)
XPA2	10643	3-2	0700	Thu	07046 00075 43858 ... 46869 11074 30160	MFSK-16/20Bd	(AB)
XPA2	11431	3-2	0710	Thu	07046 00075 43858 ... 46869 11074 30160	MFSK-16/20Bd	(AB)
XPA2	12192	3-2	0720	Thu	07046 00075 43858 ... 46869 11074 30160	MFSK-16/20Bd	(AB)
XPA2	10643	3-2	0800	Thu	02301 00054 34053 ... 81079 03876 51644	MFSK-16/20Bd	(AB)
XPA2	11431	3-2	0810	Thu	02301 00054 34053 ... 81079 03876 51644	MFSK-16/20Bd	(AB)
XPA2	12192	3-2	0820	Thu	02301 00054 34053 ... 81079 03876 51644	MFSK-16/20Bd	(AB)
XPA2	10643	3-2	0900	Thu	01599 00071 89950 ... 21149 80925 52137	MFSK-16/20Bd	(AB)

XPA2	11431	3-2	0910	Thu	01599 00071 89950 ... 21149 80925 52137	MFSK-16/20Bd	(AB)
XPA2	16146	3-2	0910	Thu	00477 00038 31587 ... 60978 17568 21137	MFSK-16/20Bd	(AB)
XPA2	12192	3-2	0920	Thu	01599 00071 89950 ... 21149 80925 52137	MFSK-16/20Bd	(AB/HFD)
XPA2	15846	3-2	0930	Thu	00477 00038 31587 ... 60978 17568 21137	MFSK-16/20Bd	(AB/HFD)
XPA2	14446	3-2	0950	Thu	00477 00038 31587 ... 60978 17568 21137	MFSK-16/20Bd	(AB/HFD)
XPA2	10643	3-2	1000	Thu	03419 00058 34858 ... 73469 76867 07305	MFSK-16/20Bd	(AB)
XPA2	11431	3-2	1010	Thu	03419 00058 34858 ... 73469 76867 07305	MFSK-16/20Bd	(AB)
XPA2	12192	3-2	1020	Thu	03419 00058 34858 ... 73469 76867 07305	MFSK-16/20Bd	(AB)
XPA2	13967	3-2	1100	Thu	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13367	3-2	1120	Thu	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	11567	3-2	1140	Thu	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	10643	3-2	1300	Thu	07368 00076 29454 ... 30212 00022 17007	MFSK-16/20Bd	(AB)
XPA2	11431	3-2	1310	Thu	07368 00076 29454 ... 30212 00022 17007	MFSK-16/20Bd	(AB)
XPA2	12192	3-2	1320	Thu	07368 00076 29454 ... 30212 00022 17007	MFSK-16/20Bd	(AB)
XPA2	12173	3-2	1600	Thu	00913 00238 88082 ... 54121 28797 53575	MFSK-16/20Bd	(AB/MPJ)
XPA2	10373	3-2	1620	Thu	00913 00238 88082 ... 54121 28797 53575	MFSK-16/20Bd	(AB/MPJ)
XPA2	9373	3-2	1640	Thu	00913 00238 88082 ... 54121 28797 53575	MFSK-16/20Bd	(AB/MPJ)
XPA2	10643	4-2	0710	Fri	01141 00050 63974 ... 00857 51677 06623	MFSK-16/20Bd	(AB)
XPA2	11431	4-2	0720	Fri	01141 00050 63974 ... 00857 51677 06623	MFSK-16/20Bd	(AB)
XPA2	12192	4-2	0730	Fri	01141 00050 63974 ... 00857 51677 06623	MFSK-16/20Bd	(AB)
XPA2	10643	4-2	0810	Fri	09523 00067 88123 ... 79034 32081 46513	MFSK-16/20Bd	(AB)
XPA2	11431	4-2	0820	Fri	09523 00067 88123 ... 79034 32081 46513	MFSK-16/20Bd	(AB)
XPA2	12192	4-2	0830	Fri	09523 00067 88123 ... 79034 32081 46513	MFSK-16/20Bd	(AB)
XPA2	10643	4-2	0910	Fri	06320 00057 69228 ... 53809 78615 52513	MFSK-16/20Bd	(AB)
XPA2	11431	4-2	0920	Fri	06320 00057 69228 ... 53809 78615 52513	MFSK-16/20Bd	(AB)
XPA2	12192	4-2	0930	Fri	06320 00057 69228 ... 53809 78615 52513	MFSK-16/20Bd	(AB)
XPA2	10643	4-2	1010	Fri	01046 00069 81662 ...23226 23386 63073	MFSK-16/20Bd	(AB)
XPA2	11431	4-2	1020	Fri	01046 00069 81662 ...23226 23386 63073	MFSK-16/20Bd	(AB)
XPA2	12192	4-2	1030	Fri	01046 00069 81662 ...23226 23386 63073	MFSK-16/20Bd	(AB)
XPA2	12147	4-2	1100	Fri	00646 00038 09463 ... 11930 77863 74633	MFSK-16/20Bd	(AB/MPJ)
XPA2	10643	4-2	1110	Fri	07699 00072 31186 ... 67098 66101 73422	MFSK-16/20Bd	(AB)
XPA2	10347	4-2	1120	Fri	00646 00038 09463 ... 11930 77863 74633	MFSK-16/20Bd	(AB/MPJ)
XPA2	11431	4-2	1120	Fri	07699 00072 31186 ... 67098 66101 73422	MFSK-16/20Bd	(AB)
XPA2	12192	4-2	1130	Fri	07699 00072 31186 ... 67098 66101 73422	MFSK-16/20Bd	(AB/HFD)
XPA2	9247	4-2	1140	Fri	00646 00038 09463 ... 11930 77863 74633	MFSK-16/20Bd	(AB/MPJ)
XPA2	11575	4-2	1200	Fri	00594 00124 11014 ... 30428 10174 75177	MFSK-16/20Bd	(AB)
XPA2	10643	4-2	1210	Fri	09004 00065 46166 ... 59567 02748 61553	MFSK-16/20Bd	(AB)
XPA2	11431	4-2	1220	Fri	09004 00065 46166 ... 59567 02748 61553	MFSK-16/20Bd	(AB)
XPA2	13375	4-2	1220	Fri	00594 00124 11014 ... 30428 10174 75177	MFSK-16/20Bd	(AB)
XPA2	12192	4-2	1230	Fri	09004 00065 46166 ... 59567 02748 61553	MFSK-16/20Bd	(AB)
XPA2	13975	4-2	1240	Fri	00594 00124 11014 ... 30428 10174 75177	MFSK-16/20Bd	(AB)
XPA2	16146	5-2	0910	Sat	00477 00038 31587 ... 60978 17568 21137	MFSK-16/20Bd	(AB)

XPA2	15846	5-2	0930	Sat	00477 00038 31587 ... 60978 17568 21137	MFSK-16/20Bd	(AB)
XPA2	14446	5-2	0950	Sat	00477 00038 31587 ... 60978 17568 21137	MFSK-16/20Bd	(AB)
XPA2	11461	5-2	1600	Sat	00737 00216 14401 ... 48635 08448 26132	MFSK-16/20Bd	(AB/MPJ)
XPA2	10261	5-2	1620	Sat	00737 00216 14401 ... 48635 08448 26132	MFSK-16/20Bd	(AB/MPJ)
XPA2	9161	5-2	1640	Sat	00737 00216 14401 ... 48635 08448 26132	MFSK-16/20Bd	(AB/MPJ)
XPA2	11163	6-2	1200	Sun	02532 00080 88236 ... 63591 23522 06531	MFSK-16/20Bd	(AB/MPJ)
XPA2	13363	6-2	1210	Sun	02532 00080 88236 ... 63591 23522 06531	MFSK-16/20Bd	(AB/MPJ)
XPA2	14563	6-2	1220	Sun	02532 00080 88236 ... 63591 23522 06531	MFSK-16/20Bd	(AB/MPJ)
XPA2	13387	7-2	0800	Mon	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	13887	7-2	0820	Mon	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	9283	7-2	0830	Mon	01503 00051 38153 ... 53663 22446 76416	MFSK-16/20Bd	(AB)
XPA2	10643	7-2	0840	Mon	01503 00051 38153 ... 53663 22446 76416	MFSK-16/20Bd	(AB)
XPA2	14787	7-2	0840	Mon	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	11431	7-2	0850	Mon	01503 00051 38153 ... 53663 22446 76416	MFSK-16/20Bd	(AB)
XPA2	16102	7-2	0910	Mon	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	14951	7-2	0930	Mon	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	13991	7-2	0950	Mon	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	9283	7-2	1030	Mon	06126 00067 56901 ... 90212 32252 61513	MFSK-16/20Bd	(AB)
XPA2	10643	7-2	1040	Mon	06126 00067 56901 ... 90212 32252 61513	MFSK-16/20Bd	(AB)
XPA2	11431	7-2	1050	Mon	06126 00067 56901 ... 90212 32252 61513	MFSK-16/20Bd	(AB)
XPA2	9283	7-2	1230	Mon	02437 00074 81711 ... 61900 59723 05071	MFSK-16/20Bd	(AB)
XPA2	10643	7-2	1240	Mon	02437 00074 81711 ... 61900 59723 05071	MFSK-16/20Bd	(AB)
XPA2	11431	7-2	1250	Mon	02437 00074 81711 ... 61900 59723 05071	MFSK-16/20Bd	(AB)
XPA2	9283	7-2	1330	Mon	02343 00054 42248 ... 22645 03206 40262	MFSK-16/20Bd	(AB)
XPA2	10643	7-2	1340	Mon	02343 00054 42248 ... 22645 03206 40262	MFSK-16/20Bd	(AB)
XPA2	11431	7-2	1350	Mon	02343 00054 42248 ... 22645 03206 40262	MFSK-16/20Bd	(AB)
XPA2	11461	7-2	1600	Mon	01347 00001 00000 36255	MFSK-16/20Bd	(AB/MP/HFD)
XPA2	10261	7-2	1620	Mon	01347 00001 00000 36255	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	9161	7-2	1640	Mon	msg	MFSK-16/20Bd	(HFD)
XPA2	9283	8-2	0830	Tue	05753 00065 78846 ... 49910 03760 40514	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	0840	Tue	05753 00065 78846 ... 49910 03760 40514	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	0850	Tue	05753 00065 78846 ... 49910 03760 40514	MFSK-16/20Bd	(AB)
XPA2	9283	8-2	0900	Tue	08993 00051 13863 ... 50911 30352 63370	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	0910	Tue	08993 00051 13863 ... 50911 30352 63370	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	0920	Tue	08993 00051 13863 ... 50911 30352 63370	MFSK-16/20Bd	(AB)
XPA2	9283	8-2	0930	Tue	08614 00064 22114 ... 15911 34829 41224	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	0940	Tue	08614 00064 22114 ... 15911 34829 41224	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	0950	Tue	08614 00064 22114 ... 15911 34829 41224	MFSK-16/20Bd	(AB)
XPA2	9283	8-2	1000	Tue	02712 00055 02096 ... 43743 22687 21543	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	1010	Tue	02712 00055 02096 ... 43743 22687 21543	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	1020	Tue	02712 00055 02096 ... 43743 22687 21543	MFSK-16/20Bd	(AB)
XPA2	12147	8-2	1100	Tue	07820 00001 00000 35261	MFSK-16/20Bd	(AB)

XPA2	10347	8-2	1120	Tue	07820 00001 00000 35261	MFSK-16/20Bd	(AB)
XPA2	9283	8-2	1130	Tue	05049 00063 05103 ... 51118 13982 01526	MFSK-16/20Bd	(AB)
XPA2	9247	8-2	1140	Tue	07820 00001 00000 35261	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	1140	Tue	05049 00063 05103 ... 51118 13982 01526	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	1150	Tue	05049 00063 05103 ... 51118 13982 01526	MFSK-16/20Bd	(AB)
XPA2	9283	8-2	1200	Tue	07207 00070 32957 ... 97500 49074 35735	MFSK-16/20Bd	(AB)
XPA2	11163	8-2	1200	Tue	03686 00160 71532 ... 56627 49273 60254	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	1210	Tue	07207 00070 32957 ... 97500 49074 35735	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	1220	Tue	07207 00070 32957 ... 97500 49074 35735	MFSK-16/20Bd	(AB)
XPA2	13363	8-2	1220	Tue	03686 00160 71532 ... 56627 49273 60254	MFSK-16/20Bd	(AB)
XPA2	9283	8-2	1230	Tue	03801 00064 63802 ... 00255 22559 65272	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	1240	Tue	03801 00064 63802 ... 00255 22559 65272	MFSK-16/20Bd	(AB)
XPA2	14563	8-2	1240	Tue	03686 00160 71532 ... 56627 49273 60254	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	1250	Tue	03801 00064 63802 ... 00255 22559 65272	MFSK-16/20Bd	(AB)
XPA2	9283	8-2	1300	Tue	02662 00055 89498 ... 71656 87339 26065	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	1310	Tue	02662 00055 89498 ... 71656 87339 26065	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	1320	Tue	02662 00055 89498 ... 71656 87339 26065	MFSK-16/20Bd	(AB)
XPA2	9283	8-2	1330	Tue	02949 00056 77318 ... 34091 83016 01306	MFSK-16/20Bd	(AB)
XPA2	10643	8-2	1340	Tue	02949 00056 77318 ... 34091 83016 01306	MFSK-16/20Bd	(AB)
XPA2	11431	8-2	1350	Tue	02949 00056 77318 ... 34091 83016 01306	MFSK-16/20Bd	(AB)
XPA2	12173	8-2	1600	Tue	02500 00001 00000 33652	MFSK-16/20Bd	(AB)
XPA2	10373	8-2	1620	Tue	02500 00001 00000 33652	MFSK-16/20Bd	(AB)
XPA2	9373	8-2	1640	Tue	02500 00001 00000 33652	MFSK-16/20Bd	(AB)
XPA2	9283	9-2	0730	Wed	02336 00054 11403 ... 06865 30838 37666	MFSK-16/20Bd	(AB)
XPA2	10643	9-2	0740	Wed	02336 00054 11403 ... 06865 30838 37666	MFSK-16/20Bd	(AB)
XPA2	11431	9-2	0750	Wed	02336 00054 11403 ... 06865 30838 37666	MFSK-16/20Bd	(AB)
XPA2	13387	9-2	0800	Wed	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	13887	9-2	0820	Wed	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	9283	9-2	0830	Wed	06428 00073 36519 ... 08962 97101 71125	MFSK-16/20Bd	(AB)
XPA2	10643	9-2	0840	Wed	06428 00073 36519 ... 08962 97101 71125	MFSK-16/20Bd	(AB)
XPA2	14787	9-2	0840	Wed	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	11431	9-2	0850	Wed	06428 00073 36519 ... 08962 97101 71125	MFSK-16/20Bd	(AB)
XPA2	16102	9-2	0900	Wed	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	9283	9-2	0910	Wed	02988 00056 22541 ... 40084 10328 41340	MFSK-16/20Bd	(AB)
XPA2	14951	9-2	0910	Wed	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	10643	9-2	0920	Wed	02988 00056 22541 ... 40084 10328 41340	MFSK-16/20Bd	(AB)
XPA2	13991	9-2	0920	Wed	05957 00199 50535 ... 74162 15455 32467	MFSK-16/20Bd	(AB)
XPA2	9283	9-2	0930	Wed	07581 00066 02473 ... 93991 79297 00346	MFSK-16/20Bd	(AB)
XPA2	11431	9-2	0930	Wed	02988 00056 22541 ... 40084 10328 41340	MFSK-16/20Bd	(AB)
XPA2	10643	9-2	0940	Wed	07581 00066 02473 ... 93991 79297 00346	MFSK-16/20Bd	(AB)
XPA2	11431	9-2	0950	Wed	07581 00066 02473 ... 93991 79297 00346	MFSK-16/20Bd	(AB)
XPA2	9283	9-2	1000	Wed	05292 00053 38001 ... 08023 24987 47423	MFSK-16/20Bd	(AB)

XPA2	10643	9-2	1010	Wed	05292 00053 38001 ... 08023 24987 47423	MFSK-16/20Bd	(AB)
XPA2	11431	9-2	1020	Wed	05292 00053 38001 ... 08023 24987 47423	MFSK-16/20Bd	(AB)
XPA2	9283	9-2	1030	Wed	05371 00053 05988 ... 63438 03601 53450	MFSK-16/20Bd	(AB)
XPA2	10643	9-2	1040	Wed	05371 00053 05988 ... 63438 03601 53450	MFSK-16/20Bd	(AB)
XPA2	11431	9-2	1050	Wed	05371 00053 05988 ... 63438 03601 53450	MFSK-16/20Bd	(AB)
XPA2	9283	9-2	1100	Wed	06560 00073 59848 ... 49129 82509 52156	MFSK-16/20Bd	(AB)
XPA2	13967	9-2	1100	Wed	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB/CL)
XPA2	10643	9-2	1110	Wed	06560 00073 59848 ... 49129 82509 52156	MFSK-16/20Bd	(AB)
XPA2	11431	9-2	1120	Wed	06560 00073 59848 ... 49129 82509 52156	MFSK-16/20Bd	(AB)
XPA2	13367	9-2	1120	Wed	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB)
XPA2	11567	9-2	1140	Wed	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB)
XPA2	11575	9-2	1200	Wed	08435 00206 54209 ... 40537 56303 13573	MFSK-16/20Bd	(AB)
XPA2	13375	9-2	1220	Wed	08435 00206 54209 ... 40537 56303 13573	MFSK-16/20Bd	(AB)
XPA2	13975	9-2	1240	Wed	08435 00206 54209 ... 40537 56303 13573	MFSK-16/20Bd	(AB)
XPA2	9283	10-2	0800	Thu	07306 00071 18699 ... 18732 33463 42215	MFSK-16/20Bd	(AB)
XPA2	10643	10-2	0810	Thu	07306 00071 18699 ... 18732 33463 42215	MFSK-16/20Bd	(AB)
XPA2	11431	10-2	0820	Thu	07306 00071 18699 ... 18732 33463 42215	MFSK-16/20Bd	(AB)
XPA2	9283	10-2	0830	Thu	06569 00068 70628 ... 92450 65369 17360	MFSK-16/20Bd	(AB)
XPA2	10643	10-2	0840	Thu	06569 00068 70628 ... 92450 65369 17360	MFSK-16/20Bd	(AB)
XPA2	11431	10-2	0850	Thu	06569 00068 70628 ... 92450 65369 17360	MFSK-16/20Bd	(AB)
XPA2	9283	10-2	0900	Thu	06725 00058 57936 ... 01287 96260 76347	MFSK-16/20Bd	(AB)
XPA2	10643	10-2	0910	Thu	06725 00058 57936 ... 01287 96260 76347	MFSK-16/20Bd	(AB)
XPA2	16146	10-2	0910	Thu	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	11431	10-2	0920	Thu	06725 00058 57936 ... 01287 96260 76347	MFSK-16/20Bd	(AB)
XPA2	9283	10-2	0930	Thu	02363 00001 00000 34260	MFSK-16/20Bd	(AB)
XPA2	15846	10-2	0930	Thu	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	10643	10-2	0940	Thu	02363 00001 00000 34260	MFSK-16/20Bd	(AB)
XPA2	11431	10-2	0950	Thu	02363 00001 00000 34260	MFSK-16/20Bd	(AB)
XPA2	14446	10-2	0950	Thu	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	9283	10-2	1000	Thu	08296 00001 00000 35271	MFSK-16/20Bd	(AB)
XPA2	10643	10-2	1010	Thu	08296 00001 00000 35271	MFSK-16/20Bd	(AB)
XPA2	11431	10-2	1020	Thu	08296 00001 00000 35271	MFSK-16/20Bd	(AB)
XPA2	13967	10-2	1100	Thu	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB)
XPA2	13367	10-2	1120	Thu	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB)
XPA2	11567	10-2	1140	Thu	03447 00164 06372 ... 07440 95317 03133	MFSK-16/20Bd	(AB)
XPA2	9283	10-2	1230	Thu	09614 00067 54181 ... 13596 33989 51554	MFSK-16/20Bd	(AB)
XPA2	10643	10-2	1240	Thu	09614 00067 54181 ... 13596 33989 51554	MFSK-16/20Bd	(AB/MPJ)
XPA2	11431	10-2	1250	Thu	09614 00067 54181 ... 13596 33989 51554	MFSK-16/20Bd	(AB/MPJ)
XPA2	9283	10-2	1300	Thu	05490 00065 13320 ... 49268 80000 62433	MFSK-16/20Bd	(AB/MPJ)
XPA2	10643	10-2	1310	Thu	05490 00065 13320 ... 49268 80000 62433	MFSK-16/20Bd	(AB/MPJ)
XPA2	11431	10-2	1320	Thu	05490 00065 13320 ... 49268 80000 62433	MFSK-16/20Bd	(AB/MPJ)
XPA2	9283	10-2	1330	Thu	09142 00077 42912 ... 27003 87494 45146	MFSK-16/20Bd	(AB)

XPA2	10643	10-2	1340	Thu	09142 00077 42912 ... 27003 87494 45146	MFSK-16/20Bd	(AB)
XPA2	11431	10-2	1350	Thu	09142 00077 42912 ... 27003 87494 45146	MFSK-16/20Bd	(AB)
XPA2	12173	10-2	1600	Thu	04801 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	10373	10-2	1620	Thu	04801 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	9373	10-2	1640	Thu	04801 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	9283	11-2	0730	Fri	07094 00059 31609 ... 02820 95985 10465 00000 00000 and 07537 00061 66885 ... 57464 40277 34137	MFSK-16/20Bd	(AB)
XPA2	10643	11-2	0740	Fri	07094 00059 31609 ... 02820 95985 10465 00000 00000 and 07537 00061 66885 ... 57464 40277 34137	MFSK-16/20Bd	(AB)
XPA2	11431	11-2	0750	Fri	07094 00059 31609 ... 02820 95985 10465 00000 00000 and 07537 00061 66885 ... 57464 40277 34137	MFSK-16/20Bd	(AB)
XPA2	9283	11-2	0800	Fri	06935 00059 18050 ... 11100 65296 60075 00000 00000 and 08585 00050 36500 ... 20211 21712 11711	MFSK-16/20Bd	(AB)
XPA2	10643	11-2	0810	Fri	06935 00059 18050 ... 11100 65296 60075 00000 00000 and 08585 00050 36500 ... 20211 21712 11711	MFSK-16/20Bd	(AB)
XPA2	11431	11-2	0820	Fri	06935 00059 18050 ... 11100 65296 60075 00000 00000 and 08585 00050 36500 ... 20211 21712 11711	MFSK-16/20Bd	(AB)
XPA2	9283	11-2	0830	Fri	03870 00078 09281 ... 21935 91489 36064 00000 00000 and 05374 00053 16889 ... 10993 87245 12461	MFSK-16/20Bd	(AB)
XPA2	10643	11-2	0840	Fri	03870 00078 09281 ... 21935 91489 36064 00000 00000 and 05374 00053 16889 ... 10993 87245 12461	MFSK-16/20Bd	(AB)
XPA2	11431	11-2	0850	Fri	03870 00078 09281 ... 21935 91489 36064 00000 00000 and 05374 00053 16889 ... 10993 87245 12461	MFSK-16/20Bd	(AB)
XPA2	9283	11-2	0900	Fri	01671 00052 84536 ... 34169 92996 51304 00000 00000 and 05757 00055 64600 ... 23545 37618 46030	MFSK-16/20Bd	(AB)
XPA2	10643	11-2	0910	Fri	01671 00052 84536 ... 34169 92996 51304 00000 00000 and 05757 00055 64600 ... 23545 37618 46030	MFSK-16/20Bd	(AB)
XPA2	11431	11-2	0920	Fri	01671 00052 84536 ... 34169 92996 51304 00000 00000 and 05757 00055 64600 ... 23545 37618 46030	MFSK-16/20Bd	(AB)
XPA2	9283	11-2	0930	Fri	02071 00077 54083 ... 19701 83296 72257 00000 00000 and 08731 00065 34971 ... 11371 54706 67154	MFSK-16/20Bd	(AB)
XPA2	10643	11-2	0940	Fri	02071 00077 54083 ... 19701 83296 72257 00000 00000 and 08731 00065 34971 ... 11371 54706 67154	MFSK-16/20Bd	(AB)
XPA2	11431	11-2	0950	Fri	02071 00077 54083 ... 19701 83296 72257 00000 00000 and 08731 00065 34971 ... 11371 54706 67154	MFSK-16/20Bd	(AB)
XPA2	9283	11-2	1000	Fri	09409 00078 41946 ... 16562 78544 07513 00000 00000 and 04731 00062 82548 ... 77329 61559 16663	MFSK-16/20Bd	(AB)
XPA2	10643	11-2	1010	Fri	09409 00078 41946 ... 16562 78544 07513 00000 00000 and 04731 00062 82548 ... 77329 61559 16663	MFSK-16/20Bd	(AB)
XPA2	11431	11-2	1020	Fri	09409 00078 41946 ... 16562 78544 07513 00000 00000 and 04731 00062 82548 ... 77329 61559 16663	MFSK-16/20Bd	(AB)
XPA2	12147	11-2	1100	Fri	04155 00001 00000 34261	MFSK-16/20Bd	(AB/MPJ)
XPA2	10347	11-2	1120	Fri	04155 00001 00000 34261	MFSK-16/20Bd	(AB/MPJ)

XPA2	9283	11-2	1130	Fri	06742 00069 73917 ... 45084 84012 65131	MFSK-16/20Bd	(AB)
XPA2	9247	11-2	1140	Fri	04155 00001 00000 34261	MFSK-16/20Bd	(AB/MPJ)
XPA2	10643	11-2	1140	Fri	06742 00069 73917 ... 45084 84012 65131	MFSK-16/20Bd	(AB)
XPA2	11431	11-2	1150	Fri	06742 00069 73917 ... 45084 84012 65131	MFSK-16/20Bd	(AB)
XPA2	9283	11-2	1200	Fri	04342 00066 55702 ... 81908 09325 77715	MFSK-16/20Bd	(AB)
XPA2	11575	11-2	1200	Fri	08435 00206 54209 ... 40537 56303 13573	MFSK-16/20Bd	(AB/MPJ)
XPA2	10643	11-2	1210	Fri	04342 00066 55702 ... 81908 09325 77715	MFSK-16/20Bd	(AB)
XPA2	11431	11-2	1220	Fri	04342 00066 55702 ... 81908 09325 77715	MFSK-16/20Bd	(AB)
XPA2	13375	11-2	1220	Fri	08435 00206 54209 ... 40537 56303 13573	MFSK-16/20Bd	(AB/MPJ)
XPA2	13975	11-2	1240	Fri	08435 00206 54209 ... 40537 56303 13573	MFSK-16/20Bd	(AB/MPJ)
XPA2	16146	12-2	0910	Sat	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	15846	12-2	0930	Sat	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	14446	12-2	0950	Sat	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	11461	12-2	1600	Sat	02935 00001 00000 40255	MFSK-16/20Bd	(AB/MPJ)
XPA2	10261	12-2	1620	Sat	02935 00001 00000 40255	MFSK-16/20Bd	(AB/MPJ)
XPA2	9161	12-2	1640	Sat	02935 00001 00000 40255	MFSK-16/20Bd	(AB/MPJ)
XPA2	11163	13-2	1200	Sun	03686 00160 71532 ... 56627 49273 60254	MFSK-16/20Bd	(AB/MPJ)
XPA2	13363	13-2	1220	Sun	03686 00160 71532 ... 56627 49273 60254	MFSK-16/20Bd	(AB/MPJ)
XPA2	14563	13-2	1240	Sun	03686 00160 71532 ... 56627 49273 60254	MFSK-16/20Bd	(AB/MPJ)
XPA2	13387	14-2	0800	Mon	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	13887	14-2	0820	Mon	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	9283	14-2	0830	Mon	01503 00051 38153 ... 53663 22446 76416	MFSK-16/20Bd	(AB)
XPA2	10643	14-2	0840	Mon	01503 00051 38153 ... 53663 22446 76416	MFSK-16/20Bd	(AB)
XPA2	14787	14-2	0840	Mon	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	11431	14-2	0850	Mon	01503 00051 38153 ... 53663 22446 76416	MFSK-16/20Bd	(AB)
XPA2	16102	14-2	0910	Mon	03718 00001 00000 40654	MFSK-16/20Bd	(AB)
XPA2	14951	14-2	0930	Mon	03718 00001 00000 40654	MFSK-16/20Bd	(AB)
XPA2	13991	14-2	0950	Mon	03718 00001 00000 40654	MFSK-16/20Bd	(AB)
XPA2	11461	14-2	1600	Mon	00303 00233 45623 ... 43587 43601 36632	MFSK-16/20Bd	(AB/MPJ)
XPA2	10261	14-2	1620	Mon	00303 00233 45623 ... 43587 43601 36632	MFSK-16/20Bd	(AB/MPJ)
XPA2	9161	14-2	1640	Mon	00303 00233 45623 ... 43587 43601 36632	MFSK-16/20Bd	(AB/MPJ)
XPA2	12147	15-2	1100	Tue	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB)
XPA2	10347	15-2	1120	Tue	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB)
XPA2	9247	15-2	1140	Tue	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB)
XPA2	11163	15-2	1200	Tue	00755 00220 58813 ... 68505 33788 55041	MFSK-16/20Bd	(AB/MPJ)
XPA2	13363	15-2	1220	Tue	00755 00220 58813 ... 68505 33788 55041	MFSK-16/20Bd	(AB/MPJ)
XPA2	14563	15-2	1240	Tue	00755 00220 58813 ... 68505 33788 55041	MFSK-16/20Bd	(AB/MPJ)
XPA2	12173	15-2	1600	Tue	00283 00204 29840 ... 88347 06181 41333	MFSK-16/20Bd	(AB/MPJ)
XPA2	10373	15-2	1620	Tue	00283 00204 29840 ... 88347 06181 41333	MFSK-16/20Bd	(AB/MPJ)
XPA2	9373	15-2	1640	Tue	00283 00204 29840 ... 88347 06181 41333	MFSK-16/20Bd	(AB/MPJ)
XPA2	13387	16-2	0800	Wed	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB/HFD)
XPA2	13887	16-2	0820	Wed	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB/HFD)

XPA2	14787	16-2	0840	Wed	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB/HFD)
XPA2	16102	16-2	0910	Wed	03939 00001 00000 42256	MFSK-16/20Bd	(AB/HFD)
XPA2	14951	16-2	0930	Wed	03939 00001 00000 42256	MFSK-16/20Bd	(AB/HFD)
XPA2	13991	16-2	0950	Wed	03939 00001 00000 42256	MFSK-16/20Bd	(AB/HFD)
XPA2	13967	16-2	1100	Wed	06290 00089 31338 ... 93105 18342 13601	MFSK-16/20Bd	(AB)
XPA2	13367	16-2	1120	Wed	06290 00089 31338 ... 93105 18342 13601	MFSK-16/20Bd	(AB)
XPA2	11567	16-2	1140	Wed	06290 00089 31338 ... 93105 18342 13601	MFSK-16/20Bd	(AB)
XPA2	11575	16-2	1200	Wed	06167 00220 94550 ... 58196 31712 23054	MFSK-16/20Bd	(AB)
XPA2	13375	16-2	1220	Wed	06167 00220 94550 ... 58196 31712 23054	MFSK-16/20Bd	(AB)
XPA2	13975	16-2	1240	Wed	06167 00220 94550 ... 58196 31712 23054	MFSK-16/20Bd	(AB)
XPA2	16146	17-2	0910	Thu	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	15846	17-2	0930	Thu	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	14446	17-2	0950	Thu	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	13967	17-2	1100	Thu	06290 00089 31338 ... 93105 18342 13601	MFSK-16/20Bd	(AB)
XPA2	13367	17-2	1120	Thu	06290 00089 31338 ... 93105 18342 13601	MFSK-16/20Bd	(AB/RL)
XPA2	11567	17-2	1140	Thu	06290 00089 31338 ... 93105 18342 13601	MFSK-16/20Bd	(AB)
XPA2	12173	17-2	1600	Thu	00283 00204 29840 ... 88347 06181 41333	MFSK-16/20Bd	(AB/MPJ)
XPA2	10373	17-2	1620	Thu	00283 00204 29840 ... 88347 06181 41333	MFSK-16/20Bd	(AB/MPJ)
XPA2	9373	17-2	1640	Thu	00283 00204 29840 ... 88347 06181 41333	MFSK-16/20Bd	(AB/MPJ)
XPA2	12147	18-2	1100	Fri	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB/MPJ)
XPA2	10347	18-2	1120	Fri	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB/MPJ)
XPA2	9247	18-2	1140	Fri	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB/MPJ)
XPA2	11575	18-2	1200	Fri	06167 00220 94550 ... 58196 31712 23054	MFSK-16/20Bd	(AB/MPJ)
XPA2	13375	18-2	1220	Fri	06167 00220 94550 ... 58196 31712 23054	MFSK-16/20Bd	(AB/MPJ)
XPA2	13975	18-2	1240	Fri	06167 00220 94550 ... 58196 31712 23054	MFSK-16/20Bd	(AB/MPJ)
XPA2	16146	19-2	0910	Sat	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	15846	19-2	0930	Sat	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	14446	19-2	0950	Sat	00746 00199 11671 ... 55820 15656 51164	MFSK-16/20Bd	(AB)
XPA2	11461	19-2	1600	Sat	00303 00233 45623 ... 43587 43601 36632	MFSK-16/20Bd	(AB)
XPA2	10261	19-2	1620	Sat	00303 00233 45623 ... 43587 43601 36632	MFSK-16/20Bd	(AB)
XPA2	9161	19-2	1640	Sat	00303 00233 45623 ... 43587 43601 36632	MFSK-16/20Bd	(AB)
XPA2	11163	20-2	1200	Sun	00755 00220 58813 ... 68505 33788 55041	MFSK-16/20Bd	(AB)
XPA2	13363	20-2	1220	Sun	00755 00220 58813 ... 68505 33788 55041	MFSK-16/20Bd	(AB)
XPA2	14563	20-2	1240	Sun	00755 00220 58813 ... 68505 33788 55041	MFSK-16/20Bd	(AB)
XPA2	13387	21-2	0800	Mon	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	13887	21-2	0820	Mon	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	14787	21-2	0840	Mon	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	16102	21-2	0910	Mon	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	14951	21-2	0930	Mon	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	13991	21-2	0950	Mon	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	11461	21-2	1600	Mon	07689 00001 00000 40667	MFSK-16/20Bd	(AB)
XPA2	10261	21-2	1620	Mon	07689 00001 00000 40667	MFSK-16/20Bd	(AB)

XPA2	9161	21-2	1640	Mon	07689 00001 00000 40667	MFSK-16/20Bd	(AB)
XPA2	12147	22-2	1100	Tue	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB)
XPA2	10347	22-2	1120	Tue	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB)
XPA2	9247	22-2	1140	Tue	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB)
XPA2	11163	22-2	1200	Tue	00440 00182 15685 ... 44241 80444 06301	MFSK-16/20Bd	(AB/MPJ)
XPA2	13363	22-2	1220	Tue	00440 00182 15685 ... 44241 80444 06301	MFSK-16/20Bd	(AB/MPJ)
XPA2	14563	22-2	1240	Tue	00440 00182 15685 ... 44241 80444 06301	MFSK-16/20Bd	(AB/MPJ)
XPA2	12173	22-2	1600	Tue	05807 00001 00000 40655	MFSK-16/20Bd	(AB)
XPA2	10373	22-2	1620	Tue	05807 00001 00000 40655	MFSK-16/20Bd	(AB)
XPA2	9373	22-2	1640	Tue	05807 00001 00000 40655	MFSK-16/20Bd	(AB)
XPA2	13387	23-2	0800	Wed	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	13887	23-2	0820	Wed	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	14787	23-2	0840	Wed	07334 00184 13279 ... 43338 22215 77222	MFSK-16/20Bd	(AB)
XPA2	16102	23-2	0910	Wed	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	14951	23-2	0930	Wed	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	13991	23-2	0950	Wed	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	13967	23-2	1100	Wed	00669 00114 39340 ... 94822 93702 65363	MFSK-16/20Bd	(AB/RL)
XPA2	13367	23-2	1120	Wed	00669 00114 39340 ... 94822 93702 65363	MFSK-16/20Bd	(AB)
XPA2	11567	23-2	1140	Wed	00669 00114 39340 ... 94822 93702 65363	MFSK-16/20Bd	(AB)
XPA2	11575	23-2	1200	Wed	00732 00088 91748 ... 41826 20750 37770	MFSK-16/20Bd	(AB)
XPA2	13375	23-2	1220	Wed	00732 00088 91748 ... 41826 20750 37770	MFSK-16/20Bd	(AB)
XPA2	13975	23-2	1240	Wed	00732 00088 91748 ... 41826 20750 37770	MFSK-16/20Bd	(AB)
XPA2	16146	24-2	0910	Thu	04486 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	15846	24-2	0930	Thu	04486 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	14446	24-2	0950	Thu	04486 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	13967	24-2	1100	Thu	00669 00114 39340 ... 94822 93702 65363	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13367	24-2	1120	Thu	00669 00114 39340 ... 94822 93702 65363	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	11567	24-2	1140	Thu	00669 00114 39340 ... 94822 93702 65363	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	12173	24-2	1600	Thu	09502 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XPA2	10373	24-2	1620	Thu	09502 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XPA2	9373	24-2	1640	Thu	09502 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XPA2	12147	25-2	1100	Fri	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB/MPJ)
XPA2	10347	25-2	1120	Fri	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB/MPJ)
XPA2	9247	25-2	1140	Fri	00722 00127 18078 ... 37420 05212 56622	MFSK-16/20Bd	(AB/MPJ)
XPA2	11575	25-2	1200	Fri	00732 00088 91748 ... 41826 20750 37770	MFSK-16/20Bd	(AB/MPJ)
XPA2	13375	25-2	1220	Fri	00732 00088 91748 ... 41826 20750 37770	MFSK-16/20Bd	(AB/MPJ)
XPA2	13975	25-2	1240	Fri	00732 00088 91748 ... 41826 20750 37770	MFSK-16/20Bd	(AB/MPJ)
XPA2	16146	26-2	0910	Sat	07359 00001 00000 37264	MFSK-16/20Bd	(AB)
XPA2	15846	26-2	0930	Sat	07359 00001 00000 37264	MFSK-16/20Bd	(AB)
XPA2	14446	26-2	0950	Sat	07359 00001 00000 37264	MFSK-16/20Bd	(AB)
XPA2	11461	26-2	1600	Sat	04624 00001 00000 36256	MFSK-16/20Bd	(AB/MPJ)
XPA2	10261	26-2	1620	Sat	04624 00001 00000 36256	MFSK-16/20Bd	(AB/MPJ)

XPA2	9161	26-2	1640	Sat	04624 00001 00000 36256	MFSK-16/20Bd	(AB/MPJ)
XPA2	11163	27-2	1200	Sun	00440 00182 15685 ... 44241 80444 06301	MFSK-16/20Bd	(AB/MPJ)
XPA2	13363	27-2	1220	Sun	00440 00182 15685 ... 44241 80444 06301	MFSK-16/20Bd	(AB/MPJ)
XPA2	14563	27-2	1240	Sun	00440 00182 15685 ... 44241 80444 06301	MFSK-16/20Bd	(AB/MPJ)
XPA2	13387	28-2	0800	Mon	00663 00106 70661 ... 42359 74989 50315	MFSK-16/20Bd	(AB)
XPA2	13887	28-2	0820	Mon	00663 00106 70661 ... 42359 74989 50315	MFSK-16/20Bd	(AB)
XPA2	14787	28-2	0840	Mon	00663 00106 70661 ... 42359 74989 50315	MFSK-16/20Bd	(AB)
XPA2	16102	28-2	0910	Mon	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	14951	28-2	0930	Mon	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	13991	28-2	0950	Mon	00559 00063 62615 ... 23205 68122 66541	MFSK-16/20Bd	(AB)
XPA2	11461	28-2	1600	Mon	00416 00318 38040 ... 52842 91191 46654	MFSK-16/20Bd	(AB/MPJ)
XPA2	10261	28-2	1620	Mon	00416 00318 38040 ... 52842 91191 46654	MFSK-16/20Bd	(AB/MPJ)
XPA2	9161	28-2	1640	Mon	00416 00318 38040 ... 52842 91191 46654	MFSK-16/20Bd	(AB/MPJ)
XPB1	13443	1-2	0600	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13943	1-2	0610	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14443	1-2	0620	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14943	1-2	0630	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15843	1-2	0640	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16343	1-2	0650	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8064	1-2	2000	Tue	Russian intel.	USB	(AB/HFD)
XPB1	8064	1-2	2000	Tue	msg 2:19	MFSK-16	(HFD)
XPB1	7964	1-2	2010	Tue	Russian intel.	USB	(AB/HFD)
XPB1	6964	1-2	2020	Tue	Russian intel.	USB	(AB/HFD)
XPB1	5864	1-2	2030	Tue	Russian intel.	USB	(AB/HFD)
XPB1	5364	1-2	2040	Tue	Russian intel.	USB	(AB/HFD)
XPB1	4464	1-2	2050	Tue	Russian intel.	USB	(AB/HFD)
XPB1	14820	2-2	1200	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14873	2-2	1200	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14926	2-2	1200	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14320	2-2	1210	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14373	2-2	1210	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14426	2-2	1210	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13820	2-2	1220	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13873	2-2	1220	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13926	2-2	1220	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13320	2-2	1230	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13373	2-2	1230	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13426	2-2	1230	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12120	2-2	1240	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12173	2-2	1240	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12226	2-2	1240	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11120	2-2	1250	Wed	Russian intel. Spurious emission	MFSK-16	(AB)

XPB1	11173	2-2	1250	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11226	2-2	1250	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	15814	5-2	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14814	5-2	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14414	5-2	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13914	5-2	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13414	5-2	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12214	5-2	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14821	5-2	1200	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14873	5-2	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14925	5-2	1200	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14321	5-2	1210	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14373	5-2	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14425	5-2	1210	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13821	5-2	1220	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13925	5-2	1220	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13321	5-2	1230	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13425	5-2	1230	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13973	5-2	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12121	5-2	1240	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12225	5-2	1240	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13373	5-2	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11121	5-2	1250	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11225	5-2	1250	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12173	5-2	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8064	6-2	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7964	6-2	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6964	6-2	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5864	6-2	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5364	6-2	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4464	6-2	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13443	7-2	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13943	7-2	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14443	7-2	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14943	7-2	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15843	7-2	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16343	7-2	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15814	7-2	1100	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14814	7-2	1110	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14414	7-2	1120	Mon	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	13914	7-2	1130	Mon	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	13414	7-2	1140	Mon	Russian intel.	MFSK-16	(AB/RL/HFD)

XPB1	12214	7-2	1150	Mon	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	13443	8-2	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13943	8-2	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14443	8-2	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14943	8-2	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15843	8-2	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16343	8-2	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8064	8-2	2000	Tue	Russian intel.	USB	(AB)
XPB1	7964	8-2	2010	Tue	Russian intel.	USB	(AB)
XPB1	6964	8-2	2020	Tue	Russian intel.	USB	(AB)
XPB1	5864	8-2	2030	Tue	Russian intel.	USB	(AB)
XPB1	5364	8-2	2040	Tue	Russian intel.	USB	(AB)
XPB1	4464	8-2	2050	Tue	Russian intel.	USB	(AB)
XPB1	14820	9-2	1200	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14873	9-2	1200	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14926	9-2	1200	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14320	9-2	1210	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14373	9-2	1210	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14426	9-2	1210	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13820	9-2	1220	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13873	9-2	1220	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13926	9-2	1220	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13320	9-2	1230	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13373	9-2	1230	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13426	9-2	1230	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12120	9-2	1240	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12173	9-2	1240	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12226	9-2	1240	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11120	9-2	1250	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11173	9-2	1250	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11226	9-2	1250	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	15814	12-2	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14814	12-2	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14414	12-2	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13914	12-2	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13414	12-2	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12214	12-2	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14820	12-2	1200	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14873	12-2	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14926	12-2	1200	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14320	12-2	1210	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14373	12-2	1210	Sat	Russian intel.	MFSK-16	(AB)

XPB1	14426	12-2	1210	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13820	12-2	1220	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13926	12-2	1220	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13320	12-2	1230	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13426	12-2	1230	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13973	12-2	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12120	12-2	1240	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12226	12-2	1240	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13373	12-2	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11120	12-2	1250	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11226	12-2	1250	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12173	12-2	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8064	13-2	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7964	13-2	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6964	13-2	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5864	13-2	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5364	13-2	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4464	13-2	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13443	14-2	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13943	14-2	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14443	14-2	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14943	14-2	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15843	14-2	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16343	14-2	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15814	14-2	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14814	14-2	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14414	14-2	1120	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	13914	14-2	1130	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	13414	14-2	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12214	14-2	1150	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13443	15-2	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13943	15-2	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14443	15-2	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14943	15-2	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15843	15-2	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16343	15-2	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8064	15-2	2000	Tue	Russian intel.	USB	(AB)
XPB1	7964	15-2	2010	Tue	Russian intel.	USB	(AB)
XPB1	6964	15-2	2020	Tue	Russian intel.	USB	(AB)
XPB1	5864	15-2	2030	Tue	Russian intel.	USB	(AB)
XPB1	5364	15-2	2040	Tue	Russian intel.	USB	(AB)
XPB1	4464	15-2	2050	Tue	Russian intel.	USB	(AB)

XPB1	14820	16-2	1200	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14873	16-2	1200	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14926	16-2	1200	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14320	16-2	1210	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14373	16-2	1210	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14426	16-2	1210	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13820	16-2	1220	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13873	16-2	1220	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13926	16-2	1220	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13320	16-2	1230	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13373	16-2	1230	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13426	16-2	1230	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12120	16-2	1240	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12173	16-2	1240	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12226	16-2	1240	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11120	16-2	1250	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11173	16-2	1250	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11226	16-2	1250	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	15814	19-2	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14814	19-2	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14414	19-2	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13914	19-2	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13414	19-2	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12214	19-2	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14820	19-2	1200	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14873	19-2	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14926	19-2	1200	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14320	19-2	1210	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14373	19-2	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14426	19-2	1210	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13820	19-2	1220	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13926	19-2	1220	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13320	19-2	1230	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13426	19-2	1230	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13973	19-2	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12120	19-2	1240	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12226	19-2	1240	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13373	19-2	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11120	19-2	1250	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11226	19-2	1250	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12173	19-2	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8064	20-2	2000	Sun	Russian intel.	MFSK-16	(AB)

XPB1	7964	20-2	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6964	20-2	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5864	20-2	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5364	20-2	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4464	20-2	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13443	21-2	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13943	21-2	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14443	21-2	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14943	21-2	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15843	21-2	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16343	21-2	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15814	21-2	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14814	21-2	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14414	21-2	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13914	21-2	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13414	21-2	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12214	21-2	1150	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13443	22-2	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13943	22-2	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14443	22-2	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14943	22-2	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15843	22-2	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16343	22-2	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8064	22-2	2000	Tue	Russian intel.	USB	(AB)
XPB1	7964	22-2	2010	Tue	Russian intel.	USB	(AB)
XPB1	6964	22-2	2020	Tue	Russian intel.	USB	(AB)
XPB1	5864	22-2	2030	Tue	Russian intel.	USB	(AB)
XPB1	5364	22-2	2040	Tue	Russian intel.	USB	(AB)
XPB1	4464	22-2	2050	Tue	Russian intel.	USB	(AB)
XPB1	14820	23-2	1200	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14873	23-2	1200	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14926	23-2	1200	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14320	23-2	1210	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14373	23-2	1210	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14426	23-2	1210	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13820	23-2	1220	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13873	23-2	1220	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13926	23-2	1220	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13320	23-2	1230	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13373	23-2	1230	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13426	23-2	1230	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12120	23-2	1240	Wed	Russian intel. Spurious emission	MFSK-16	(AB)

XPB1	12173	23-2	1240	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12226	23-2	1240	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11120	23-2	1250	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11173	23-2	1250	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11226	23-2	1250	Wed	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	15814	26-2	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14814	26-2	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14414	26-2	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13914	26-2	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13414	26-2	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12214	26-2	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14820	26-2	1200	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14873	26-2	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14926	26-2	1200	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14320	26-2	1210	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	14373	26-2	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14426	26-2	1210	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13820	26-2	1220	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13926	26-2	1220	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13320	26-2	1230	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13426	26-2	1230	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13973	26-2	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12120	26-2	1240	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12226	26-2	1240	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	13373	26-2	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11120	26-2	1250	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	11226	26-2	1250	Sat	Russian intel. Spurious emission	MFSK-16	(AB)
XPB1	12173	26-2	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8064	27-2	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7964	27-2	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6964	27-2	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5864	27-2	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5364	27-2	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4464	27-2	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13443	28-2	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13943	28-2	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14443	28-2	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14943	28-2	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15843	28-2	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16343	28-2	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15814	28-2	1100	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	14814	28-2	1110	Mon	Russian intel.	MFSK-16	(AB/RL)

XPB1	14414	28-2	1120	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	13914	28-2	1130	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	13414	28-2	1140	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	12214	28-2	1150	Mon	Russian intel.	MFSK-16	(AB/RL)
XSL	4231.5	4-2	0457	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4291	4-2	0457	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6250	4-2	0457	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6417	4-2	0457	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6445	4-2	0457	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8313	4-2	0457	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8587.5	4-2	0457	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

CONTRIBUTORS

AB	Ary Boender, Netherlands	HFD	Hans-Friedrich Dumrese, Germany
AB-BLR	Ary Boender via remote rx Belarus	HFD-J	Hans-Friedrich Dumrese via remote rx Japan
AB-CYP	Ary Boender via remote rx Cyprus	HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
AB-CZE	Ary Boender via remote rx Czech Rep.	HFD-USA	Hans-Friedrich Dumrese via remote rx USA
AB-FIN	Ary Boender via remote rx Finland	Hutch	Hutch, UK
AB-GRC	Ary Boender via remote rx Greece	JPL	JPL, NB, Canada (and various remote rx)
AB-HNG	Ary Boender via remote rx Hungary	JPL-RUS	JPL via remote rx Russia
AB-IND	Ary Boender via remote rx India	Kalv	Kalvados
AB-IRL	Ary Boender via remote rx in Ireland	KH	Krzysztof Hutowski
AB-J	Ary Boender via remote rx Japan	KI3C	Terry
AB-KWT	Ary Boender via remote rx Kuwait	Lazo	Lazo via Priyom
AB-PHL	Ary Boender via remote rx Philippines	linkz	Linkz, S.E. France
AB-POL	Ary Boender via remote rx Poland	MDK2	MDK2, USA
AB-ROU	Ary Boender via remote rx Romania	Moon	Moonlight (Dave AU)
AB-RUS	Ary Boender via remote rx Russia	Moon-HOL	Moonlight (Dave AU) via remote rx Netherlands
AB-S	Ary Boender via remote rx Sweden	MPJ	Jim, SW England
AB-UKR	Ary Boender via remote rx Ukraine	MPJ-AUT	Jim via remote rx Austria
AB-USA	Ary Boender via remote rx USA	MPJ-FIN	Jim via remote rx Finland
Anon	Anonymous	MPJ-HNG	Jim via remote rx Hungary
AVX	AlphaVax, Germany	MPJ-HOL	Jim via remote rx Netherlands
AVX-USA	AlphaVax via remote rx USA	MPJ-POL	Jim via remote rx Poland
Azu	Azuki4649 via Priyom	MPJ-RUS	Jim via remote rx Russia
BR	Brian Rogers, UK	OH8EFI	OH8EFI Finland (via Priyom)
BV2	Balsamic Vinegar via Priyom	Pavel	Pavel, Eastern Europe
Cic	Ciccio Munaron, Italy	Pof	Pofistal_975 via Priyom
CK	Costas, Southern Europe	PP1	Patrice Privat, France
CL	Carlos Latuff, Brazil	PY	Pierre Ynard, France and via remote rx
Dan	Daniel LU5EMM, Argentina	RL	Roberto Landolpho, Brazil
DF4OR	Ekki Plicht (DF4OR)	RO	Rando One, Sweden
DW-MD	Dave Wright, MD, USA	RO-HOL	Rando One via remote rx Netherlands
ES-POL	Edward Smith via remote rx Poland	RO-P	Rando One via Priyom
F1GOC	Michel Soldevila, France	RR2	Rich Ray, IL, USA
F5JBR	F5JBR André, France	T101	RadiotekhnikaT101 via Priyom
FD	Full Day Waterfall, University Twente SDR	Time	Time Machine
Geoff	Geoff	Tom	Tom, Lincs, UK

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
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
XPB	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2

Figures and words used by the various numbers stations

Cut numbers

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

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

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

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	It'nien
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	Pietiorika	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.

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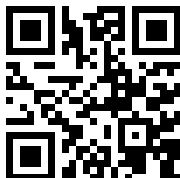
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986 40932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 70
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 1
7591 87364 87265 96718 27638 12673 84769 28743 98127 5
758 63298 75698 27465 87326 49876 28376 81273 98615 86
67 87432 74328 78674 29867 32867 67867 86786 43276 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
743 98798 98754 98754 98754 98754 29867 67543 67986 86
76 87698 69876 87698 69876 87612 12341 34867 86798 652
667 43298 65656 56756 56123 32143 14321 32143 14321 321
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