



670	27364	92836	89428	61268	74982	36498	32764	81276	81
986	40932	70987	32123	49817	26346	81287	65491	87364	81
721	75654	55656	12737	72727	72727	91918	63473	67867	70
723	87629	37677	32612	53498	71296	28756	18276	98716	87
7269	76329	74698	76857	98670	27601	56701	57601	73648	15
591	87364	87265	96710	27630	12673	84769	28743	98127	50
68	63298	75698	27465	87326	49876	28376	81273	98615	62
667	87432	74328	78674	29867	32867	67867	86786	43286	432
657	68768	68763	34234	34238	68768	62342	48273	48768	23
936	98432	32432	86743	43286	43286	43286	43286	43286	432
743	86743	86743	39867	32867	86743	43286	43286	43243	867
741	86743	86743	86743	86743	86743	86743	86743	86743	435
543	98798	98754	98754	98754	98754	29867	67543	67986	867
876	87698	69876	87698	69876	87612	12341	34867	86798	632
867	43298	65656	56756	56123	32143	14321	32143	14321	321
81	82787	58765	76587	58765	76587	58765	76587	58756	765
76578	76587	58765	76543	58765	76543	58765	76587	58756	765

*N&O wishes you a healthy and
prosperous new year !!!*

Thanks for your logs and comments

Numbers & Oddities *a.k.a. The Spooks Newsletter*

Edition #159, December 2010

Editor: Ary Boender email: ary@luna.nl

Check for previous newsletters, info, sound samples and databases also:

NUMBERS & ODDITIES <http://www.ary.luna.nl>

<http://www.numbersoddities.nl>

SPY NUMBERS ONLINE DATABASE <http://www.spynumbers.com/numbersDB>

UTILITY DXERS FORUM (UDXF) <http://www.udxf.nl>

Mathias Kropf sent me his annual
"Clandestine Activity Survey"
dated 19 December 2010.

PRESS RELEASE

2010 Clandestine Activity Survey

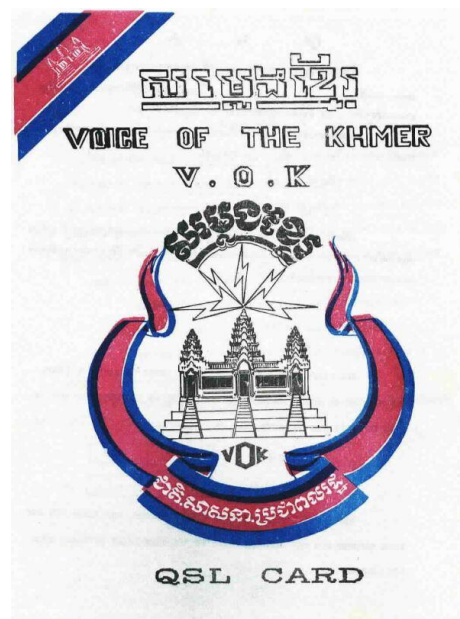
During the year 2010 the activity of political clandestine stations broadcasting on shortwave has remained almost unchanged from last year and is now at 1092 WBHs (Weekly Broadcasting Hours). This is an increase of just 4 WBHs or 0.3 % from 12 months ago.

The activity of clandestine station broadcasting to target areas on the Asian continent has decreased by 1.9 % to 730 WBHs. On the American continent the activity has increased by 8.6 % to 214 WBHs and on the African continent activity has remained almost unchanged at 148 WBHs.

The most active target areas worldwide are North Korea with 274 WBHs (+22 when compared with last year), Cuba with 214 WBHs (+17) and China P.R. with 189 WBHs (-37).

The number of active target areas worldwide has increased from 17 to 20. The new target areas are Malaysia, Uganda and Djibouti.

End of Press Release



World Falun Dafa Radio

法輪大法廣播網
falundafaradio.org

Thank You for Listening

6:00am-7am (Beijing Time)	10:00pm-11:00pm (BJ Time)
15670, 15680, 15690, 15700, 12120, 12130, 12140, 12150, 13575, 13580, 13585, 13590 kHz	9350, 9370, 9380 kHz



Last month I mentioned a new book "Cold War Radio", written by Richard H. Cummings. Richard now also has a website. The website covers the history of cold war radio, in particular Radio Free Europe and Radio Liberty:
<http://coldwarradios.blogspot.com/>

Another interesting link and tool for the radio community: the Ham Info Bar. This is a tool bar with loads of useful links and tools for the radio amateur and SWL. <http://www.haminfobar.co.uk/>

VOICE STATIONS

E06



We received transcripts from Kristian and Chris this month.
Thanks for that.

6792 kHz, 1818 UTC, 5-12:

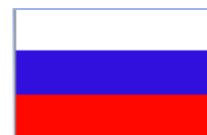
573 26
98840 36500 44341 71696 26502 02022 68841 82869 46715 29821
66422 88203 83109 73186 54183 01497 21143 16802 17529 34708
20299 31500 52691 54329 14670 70914
573 26
00000

5796 kHz, 0127 UTC, 11-12

759 684 31
74828 18934 32653 60138 18860 90668 02297 90023 17998 64984
49468 35052 33297 81841 14999 71467 32750 79838 46258 24932
35302 54272 04915 65114 38278 27292 27774 89576 33860 43468
93167
684 31
00000

S28 - The Buzzer (UVB-76/UZB-76, MDZhB)

МДЖБ МДЖБ 68 832 ПРИРОДА 15 76 95 38



(Mikhail Dmitrij Zhenja Boris)

Hi all, again a full S28 section. Let's start with some fun:
<http://www.youtube.com/watch?v=7Pqg2YUMajo>

Last month I mentioned a message on 6-11 on 1500 UTC. The reception was very poor and I could not hear what was said. Igor listened to the message and could hear part of the text which follows hereafter:

MDZhB MDZhB 28 378 Drobna 57 96 32 99 Brozhulnik 24 25 ?2 53

Igor also wrote down the message of 8-11 at 1800 UTC, which should read 1700 UTC by the way. We missed part of the message but now we have the complete message:

MDZhB MDZhB 29 272 Provodnyj 67 11 60 21 Urovnennyj 61 97 72 28

Then this month's round-up. MDZhB has been buzzy this month, that's for sure. Besides my own logs I received many logs from an anonymous dxer from Central Europe and some were mentioned on the Radioscanner forum. Thanks everyone!!

Besides the Buzzer and the usual MDZhB messages, several other transmissions have been noted on 4625 kHz:

1. On various occasions I have heard distorted voices on 4625 kHz just before or after MDZhB transmissions. It looks like the other voices are reading/repeating the same message. I wonder if this is a similar system as the USAF's EAM's. The leading station transmits the first message which is repeated by the other stations in the net. The fact that sometimes a voice is heard before MDZhB could mean that another station is in the lead while at other times MDZhB is the leading station. It would be interesting to find out the frequencies of other stations of the network which repeat the messages transmitted on 4625 kHz or vice versa. Callsign MDZhB has been noted on 5096 and 7632 kHz in the past and these frequencies are therefore interesting to monitor.
2. Telephone messages in plain text, like the one in November.
3. Programs of other radio stations (Radio Free Europe/Radio Liberty) possibly not always a co-channel interference.

MDZhB messages:

01-12	1420 UTC	МДЖБ МДЖБ 39 478 АРТЕРЕОН 42 39 90 09 ВЯЗОВИЖ 78 81 57 15 MDZhB MDZhB 39 478 ARTEREON 42 39 90 09 VYazOVYJ 78 81 57 15
02-12	1440 UTC	МДЖБ МДЖБ 39 361 ПРЕГРАДА 80 18 06 57 MDZhB MDZhB 39 361 PREGRADA 80 18 06 57
03-12	1516 UTC	МДЖБ МДЖБ 75 854 ОПРУГА 24 06 19 21 АПЛИТ 99 39 87 77 MDZhB MDZhB 75 854 OPRUGA 24 06 19 21 APLIT 99 39 87 77
05-12	1222 UTC	МДЖБ МДЖБ 76 846 АРГОТИЧНИЖ 73 16 03 97 УРВАННИЖ 78 30 68 39 MDZhB MDZhB 76 846 ARGOTICHNYJ 73 16 03 97 URVANNYJ 78 30 68 39
05-12	1440 UTC	МДЖБ МДЖБ 13 842 ПРЕФЕКТУРА 48 95 79 68 MDZhB MDZhB 13 842 PREFEKTURA 48 95 79 68
06-12	1130 UTC	МДЖБ МДЖБ 13 839 АРХЕОЦИАТ 67 19 17 44 БРЯНТА 48 93 69 91 MDZhB MDZhB 13 839 ARHEOCIAT 67 19 17 44 BRYANTA 48 93 69 91
06-12	1440 UTC	МДЖБ МДЖБ 68 235 ОРТОЛАН 74 63 11 98 MDZhB MDZhB 68 235 ORTOLAN 74 63 11 98
06-12	1508 UTC	МДЖБ МДЖБ 72 027 ГРОБЛИЕ 53 57 53 16 MDZhB MDZhB 72 027 GROBLYE 53 57 53 16

07-12	1020 UTC	МДЖБ МДЖБ 71 948 ЕРМИЦИН 81 86 30 32 ИРЛАНДЕЦ 20 76 07 04 MDZhB MDZhB 71 948 ERMICIN 81 86 30 32 IRLANDEC 20 76 07 04
08-12	1536 UTC	МДЖБ МДЖБ 29 711 БРОКУЛЬНИК 93 27 99 38 MDZhB MDZhB 29 711 Brokul'nik 93 27 99 38
08-12	1548 UTC	МДЖБ МДЖБ 63 05 АРЦЕМА 39 86 82 47 MDZhB MDZhB 63 05 ARCEMA 39 86 82 47
09-12	1143 UTC	МДЖБ МДЖБ 58 535 ПРОЛЕТКА 99 95 09 75 ТРОЖМА 57 80 24 01 MDZhB MDZhB 58 535 PROLETKA 99 95 09 75 TROJMA 57 80 24 01
09-12	1206 UTC	МДЖБ МДЖБ 80 019 КРОВНИК 56 50 47 49 АРЕНДНИЖ 73 53 61 95 MDZhB MDZhB 80 019 KROVNIK 56 50 47 49 ARENDNYJ 73 53 61 95
09-12	1233 UTC	МДЖБ МДЖБ 33 981 ОРФОРАМ 14 14 74 37 MDZhB MDZhB 33 981 ORFORAM 14 14 74 37
09-12	1402 UTC	МДЖБ МДЖБ 31 238 ПРИРОДА 15 76 95 38 MDZhB MDZhB 31 238 PRIRODA 15 76 95 38
09-12	1435 UTC	МДЖБ МДЖБ 44 842 КРОВЕЛ'НИЖ 62 47 38 13 MDZhB MDZhB 44 842 KROVEL'NYJ 62 47 38 13
09-12	1646 UTC	МДЖБ МДЖБ 44 842 КРОВЕЛЬНЫЙ 62 47 38 12 MDZhB MDZhB 44 842 KROVEL'NYI 62 47 38 12
10-12	1145 UTC	МДЖБ МДЖБ 58 685 ПРУТЯНОЖ 63 85 99 71 АРУН 08 35 35 98 MDZhB MDZhB 58 685 PRUTYANOJ 63 85 99 71 ARUN 08 35 35 98
12-12	1425 UTC	МДЖБ МДЖБ 95 305 БРЯНТА 48 93 69 91 СПИТАМЕН 39 97 19 28 MDZhB MDZhB 95 305 BRYANTA 48 93 69 91 SPITAMEN 39 97 19 28
13-12	1114 UTC	МДЖБ МДЖБ 25 284 ГРЕЙЕМИТ 24 85 00 44 ТРУТНИК 65 12 18 47 MDZhB MDZhB 25 284 GREYEMIT 24 85 00 44 TRUTNIK 65 12 18 47
14-12	0625 UTC	МДЖБ МДЖБ 41 967 ОТСТАЛЫЖ 81 51 63 33 MDZhB MDZhB 41 967 OTSTALYJ 81 51 63 33
14-12	1505 UTC	МДЖБ МДЖБ 91 414 УРУГВАЙЕЦ 19 74 41 94 MDZhB MDZhB 91 414 URUGVAYEC 19 74 41 94
16-12	1241 UTC	The following message was mentioned on Radioscanner Russia. I have heard the recording

and it sounds like a genuine message but a bit strange. Was it a blooper or some kind of training message? It looks like the sending were also read. Instead of callsign MDZhB "701" was used. The part after the usual message, ending with "49 03" is in English "it is necessary [you are obliged] to confirm [reception of this message] and to report [the content of it] to all communications hubs under your command which are located within the zones [of reception] of this signal. I confirm [reception of this signal]. Push the "delete" [or reload] knob. (Thanks for your assistance, Rimantas).

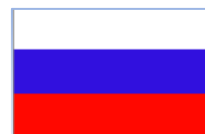
Говорит 701 Вулканов Тарасенко 64 589 Аройник 11 90 28 30 Сронщица 36 30 49 03 с обязательным подтверждением и доведением до всех подчиненных узлов связи в ваших зонах этого сигнала. подтверждаю нажать кнопку сброс.

Govorit 701 Vulkanov Tarasenko 64 589 Aroinik 11 90 28 30 Sronshchitsa 36 30 49 03 s obyazatel'nyum podtverzhdeniem i dovedeniem do vseh podchinennyh uzlov svyazi v vashih zonah etogo signala. podtverzhdayu nazhat' knopku sbros.

16-12	1343 UTC	МДЖБ МДЖБ 64 589 АРОЖНИК 11 90 28 30 СРОНШЧИЦА 36 30 49 03 MDZhB MDZhB 64 589 AROJNIK 11 90 28 30 SRONShchICA 36 30 49 03
18-12	1500 UTC	RTTY sound mixing with the buzzer.
18-12	1503 UTC	RTTY sound, followed by a man's voice. Note that the buzzer was heard in the background throughout the transmission. Тарасенко 58 852 47 636 ТРЕХЛЕТОК 00 45 29 47 ФРЕЙЗЕР 15 55 78 92. Повторяю: 47 636 ТРЕХЛЕТОК 00 45 29 47 ФРЕЙЗЕР 15 55 78 92. Нажимаю кнопку сброс. TARASENKO 58 852 47 636 TREHLETOK 00 45 29 47 FRYEĬZER 15 55 78 92. Povtoryayu (I repeat): 47 636 TREHLETOK 00 45 29 47 FRYEĬZER 15 55 78 92. Nazhimayu knopku sbros (I press the reset button)
18-12	1510 UTC	RTTY sound. Than a female voice: Один-два, Один-два. МДЖБ, МДЖБ 47 636 ТРЕХЛЕТОК 00 45 29 47 ФРЕЙЗЕР 15 55 78 92 Odin dva (1 2), odin dva. MDZhB MDZhB 47 636 TREHLETOK 00 45 29 47 FRYEĬZER 15 55 78 92
19-12	1148 UTC	Message. Male voice. МДЖБ МДЖБ 56 852 ТРЕНОГИЖ 86 06 59 44 ДРЕНДОУТ 28 52 44 71 MDZhB MDZhB 56 852 TRENOGIJ 86 06 59 44 DRENDOUT 28 52 44 71

20-12	0757 UTC	Male voice counting.
21-12	1440 UTC	МДЖБ МДЖБ 67 535 БРОНЗИТ 25 83 85 86 ГРЕНОК 12 90 94 59 MDZhB MDZhB 67 535 BRONZIT 25 83 85 86 GRENOK 12 90 94 59
22-12	1257 UTC	МДЖБ МДЖБ 08 062 ПРИСКОК 36 11 58 22 MDZhB MDZhB 08 062 PRISKOK 36 11 58 22
24-12	1525 UTC	МДЖБ МДЖБ 37 310 ЖРЕЧЕСТВО 38 76 04 87 ВРЕЗНОЙ 72 79 79 36 MDZhB MDZhB 37 310 ZHRECHESTVO 38 76 04 87 VREZNOÏ 72 79 79 36
25-12	1230 UTC	Buzzer followed by a message. Male voice. МДЖБ МДЖБ 36 952 ПРОКЛИЗА 69 10 45 66 ХРОМАТИЗМ 59 54 01 94 MDZhB MDZhB 36 952 PROKLIZA 69 10 45 66 HROMATIZM 59 54 01 94
26-12	1404 UTC	Scrambled voice. Not sure if this is connected to S28.
26-12	1445 UTC	Connection sounds at 1336 UTC. Message at 1445 UTC. Female voice: МДЖБ МДЖБ 22 556 ПРОМЫВАНИЕ 04 13 56 03 MDZhB MDZhB 22 556 PROMYVANIE 04 13 56 03
27-12	0729 UTC	МДЖБ МДЖБ 18 371 ТРОПИЛИ 19 06 16 10 MDZhB MDZhB 18 371 TROPILI 19 06 16 10
28-12	1349 UTC	Message. Male voice. МДЖБ МДЖБ 69 922 АРЕОГРАФИЯ 18 05 35 23 MDZhB MDZhB 69 922 AREOGRAFIYA 18 05 35 23
29-12	1622 UTC	Message. Female voice: МДЖБ МДЖБ 35 020 ТРИУМВИР 56 53 32 80 MDZhB MDZhB 35 020 TRIUMVIR 56 53 32 80
30-12	1412 UTC	Message. Female voice. МДЖБ МДЖБ 34 169 БЛЮМИТ 86 86 76 97 КЛЮКВЕННЫЙ 82 48 15 62 MDZhB MDZhB 34 169 BLYUMIT 86 86 76 97 KLYUKVENNYÏ 82 48 15 62

S30 – The Pip



Daily on 3756 kHz night time / 5448 kHz daytime.

At least one message was transmitted on 2-12.

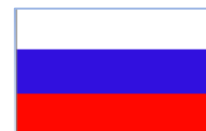
V21 – Cuban Babbler



"The Web" reports the Cuban Babbler on 5637 and 5688 kHz at various times. The station is believed to be connected to the Cuban Air Defense forces.

MORSE STATIONS

MX - Russian Military beacons



Reported beacons and channel markers.

European Cluster Beacons: D, P, S, C, A

Asian Cluster Beacons: F, K, M

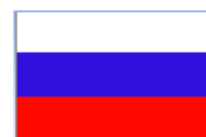
Channel markers: R, V

R – 4325.9, 5465.9 kHz

V – 4108, 6430.5 kHz

M21& M41

Russian Air Defence Forces Voyska Protivo Vozdushnoy Oborony Во́йска ПВО Во́йска ПВО



Id "?": 3947, 4558, 5366, 5752, 5873, 7808 kHz

Id "9": 5366, 8015 kHz

=177937745448T8 =17794774E?758T

= 99?0045?9?????

= 99?0046?9?????

8015.13 kHz, 1239, 22-12: tracking data "=277519t1t9t532 =17755774219138
=277559t1t9t829 =442t9????4????? =99?1539?9????? =17755774218339
=277549t1t9t63t", strange offset, moved back to 8015.0 again next day
(the 23rd).

M22

4XZ - Israeli Navy, Haifa



Active with morse transmissions on 2680, 4331 and 6379 kHz.

4331 kHz 5FGs "= VVV de 4XZ 4XZ = = AR NW QTC 1 NR 131"

M31

French military



The station was reported on 4783, 7960, 10547 kHz in December.

7960 kHz, 1031 UTC, 30-11: "VVV de FDI22" French Air Force Narbonne

M51

French military training net



Former Monitoring Times utility editor Don Schimmel wrote the following item about M51 in his online Radio Intrigue column on DXing.com

<http://www.dxing.com/intrigue.htm> The article is is copyrighted © by DXing.com. Thanks for the article, Don.

ENIGMA M51

This communications activity is reportedly located at Favieres, France which is approximately 80 kms southeast of Paris. I have not been able to identify the specific French Military communications unit assigned there. It is not listed in a breakdown of French Military units with their respective locations. It is possible the unit is from the 8th signal Regiment located in Suresnes which is not far from Favieres. The 8th Signal Regiment is responsible for the communications needs of the French Defense Ministry and the general staff in Paris.

The Favieres unit appears to be providing communications for three distinct purposes. Using callsign F9TM it furnishes some practice sessions for French Hams. I have only intercepted this once, several years ago, and it was a message in French plain text. Favieres also holds practice sessions for French Army radio operators. For this it uses FAV22 as the callsign. These sessions consist of both French plaintext and cipher messages. Frequencies 3881, 4029, 5297, 6056, 6825, 8751.55 and 12295 kHz have been seen with these FAV22 practice transmissions. Simulcasting on some of these frequencies has been noted. Finally, it transmits what is suspected as valid French Military Intelligence traffic. This latter may however also have some dummy traffic included as a means of disguising the true volume of messages.

Messages are sent in Automatic Morse at about 15 wpm. Transmissions of a messages takes a fraction more than 6 minutes. All messages are 100 groups in length. A typical message has a header as follows: NR 51 N 17 17:06:32 1986 BT The message numbers runs from 01 to 90 and then reverts to 01 again. Next is the first letter of the month, then date and Central European time, a fake year and BT. Into 5 letter groups and BT at end of message. This is followed by the header of the next message and so on.

In regard to the incorrect year in the header, I believe this is merely an attempt to present the traffic as being practice traffic. I noted numerous instances of French and related events seemingly reflected by

large volumes of M51 messages. In addition to French forces stationed within France, French forces overseas number over 30,000 troops. It makes sense that French Military Intelligence traffic would be sent to all French units.

I first heard M51 on 13816 kHz in 1989. In 2003 I again ran across M51 transmissions. Numerous monitoring reports of the activity were noted on Internet sites during the ensuing years. In 2008 I decided to make a concentrated effort on a daily basis to develop information on M51. This coverage continued up to the present time. Two friends helped with the monitoring. It is evident that I do not receive M51 signals as well as monitors in Europe. I wish I did so I would have had more traffic and frequencies for analysis.

Frequency use has been in the 2-19 megaHertz bands and also in the 23 megaHertz band. Studying the frequencies I and my friends had copied over the past three years, plus loggings on the internet, indicated a frequency plan for a 7 day ROTA. i.e. Frequencies used on Monday were also used the following Monday(s). Tuesday on Tuesday, etc. I have not determined just how long a particular ROTA system is in use but it has been observed running over several months. I would suppose the changes to the ROTA system are made in line with propagation considerations. There is simulcasting and I have heard as many as 4 frequencies in use at the same time. There are probably additional frequencies involved but I have not heard more than 4 at a time. The clue to simulcasting came about because it was noted when a frequency shut down, and the target was found on another frequency, there was no gap in the message numbers. Subsequent searching confirmed the simulcasting.

Traffic sent on Saturdays has often been seen containing repeats of messages sent earlier in the week. This probably indicates recipients had garbled texts perhaps due to bad receiving conditions thus necessitating a request for a repeat of a message.

Some monitors have been identifying all Favieres transmissions as being for training. This activity has been on the air since sometime in the 1980s. Years ago ENIGMA referred to M51 as being the replacement for M33, callsign P8K, which was suspected of being associated with French Military Intelligence. I simply can not believe all the M51 traffic has been strictly for training purposes.

REFERENCES:

Personal monitoring
Monitoring by friends
N & O Newsletters
ENIGMA 2000 Newsletters
Wikipedia, the free encyclopedia

M89 – Chinese military



VVV Q2M Q2M Q2M DE NYZ NYZ	4860, 6840 kHz
VVV GNL GNL GNL DE 3FZ 3FZ	4523 kHz
V MB3R MB3R MB3R DE YA6X YA6X	4368, 6688 kHz
V QPZM QPZM QPZM DE WOXN WOXN	3327, 4523 kHz
V JA3L JA3L JA3L DE UN2T UN2T	4532 kHz
V 7NPE 7NPE 7NPE DE QV5B QV5B	4225, 5500 kHz
V DKG6 DKG6 DKG6 de 3A7D 3A7D	7602 kHz
V GKVZ GKVZ GKVZ DE Q7NW Q7NW	3297 kHz

Two new callsigns were discovered by JPL. He heard them on two occasions, both times with hand sent messages:

4523 kHz, 1804 UTC, 08-12: VVV GNL GNL GNL DE 3FZ 3FZ QSA ? K

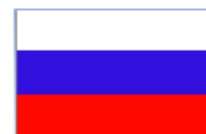
4523 kHz, 1900 UTC, 08-12: VVV GNL GNL GNL DE 3FZ 3FZ QSA ? K

On 09-12 at 2007 UTC the usual calls were transmitted "V QPZM QPZM QPZM DE WOXN WOXN"

VARIOUS MODES

M42 & X06

Russian Government / Intelligence



10130.0	0923	20-11	Russian Gov/Intel. Mode: Baudot 50/500
10310.0	0937	20-11	RKA76: Russian Gov/Intel, Moscow area. Mode: Baudot 50/500
10210.0	0649	29-11	Russian Gov/Intel. Mode: CW-FSK "RPK RPK RPK QSY 1T726 QSY 1T726", "RPK RPK RPK QSY 9433 QSY 9433"
18130.0	0844	29-11	Russian Gov/Intel. Mode: RUS-ARQ 100/2000
8133.5	1709	30-11	Russian Gov/Intel. Mode: Crowd36
4454.0	1921	30-11	Russian Gov/Intel. Mode: Baudot 50/500
12150.0	0734	01-12	Mazielka. Sequence: 256341
17480.5	0749	01-12	Russian Gov/Intel. Mode: Crowd36
16025.0	1032	01-12	Mazielka. Sequence: 156234
7975.0	1729	01-12	Mazielka. Sequence: 612534
16073.0	0722	02-12	Russian Gov/Intel. Mode: Baudot 200/500 "584768941229858141=85021 655035890367120109=77922"
6795.0	0845	02-12	RXZ32: Russian Gov/Intel. Mode: Baudot 50/500
7625.0	0857	02-12	RRL2: Russian Gov/Intel. Mode: Baudot 50/500
14543.5	0958	02-12	Russian Gov/Intel. Mode: Crowd36
8108.5	1630	02-12	Russian Gov/Intel. Mode: Crowd36
9240.5	1726	02-12	Russian Gov/Intel. Mode: Crowd36
4639.0	2053	02-12	Russian Gov/Intel. Mode: MFSK-16-7
6812.0	2110	06-12	Russian Gov/Intel. Mode: CW & RTTY 50/500.

3LSG wkg XN60. OP-chat "QSA NO QSY 12651", "QSA3 QSA?", "QTC 1 ZZ", "ok SLD" into short RTTY 50/500 "RYRY..RYRY 786 106 2050 9105 =" & back to CW "... QSW 13979", "AS k" & s/off or QSY.

18206.0	0955	07-12	Mazielka. Sequence: 246531
13510.0	1009	07-12	Mazielka. Sequence: 612534
14812.0	1010	07-12	Mazielka. Sequence: 246531
6600.0	0557	08-12	Russian Gov/Intel. Mode: RUS-ARQ 100/1000
9147.0	0614	08-12	Russian Gov/Intel. Mode: Baudot 200/500 "00000+++++++162)5761 00000+++++2+++162)5761 00000+++++++162)5761"
16070.5	0703	08-12	Russian Gov/Intel. Mode: CROWD-36
7739.0	2120	08-12	Mazielka. Sequence: 314265
6969.5	0736	09-12	Russian Gov/Intel. Mode: Baudot 150/2000
6795.0	0859	09-12	RXZ32: Russian Gov/Intel. Mode: Baudot 50/500
9115.5	1620	09-12	Russian Gov/Intel. Mode: CROWD-36
5865.0	1840	09-12	Mazielka. Sequence: 154632
6935.0	0815	13-12	RDH64: Russian Gov/Intel. Mode: Baudot 50/500.
14421.5	0721	14-12	Russian Gov/Intel. Mode: CROWD-36
9160.0	0753	20-12	RCF45: Russian Gove/Intel. Mode: RUS-ARQ 100/500.
9240.0	0750	20-12	RVO77: Russian Gov/Intel. Mode: CIS14 DFSK 100/500/2ch. Ongoing encrypted traffic in both channels A and B. End of traffic at 0828, one channel still idling on Cf 9239.5 kHz, until 0830 UTC.
9140.0	0831	20-12	RCV26: Russian Gov/Intel. Mode: CIS14 DFSK 100/500/2ch. Ongoing encrypted traffic in both channels A and B. End of traffic at 0831, one channel still idling on Cf 9139.5 kHz, until off air at 08320 UTC.
6795.0	0920	20-12	RXZ32: Russian Gov/Intel, Sankt Petersburg. Idling. Mode: Baudot 50/500
10192.5	1650	20-12	Russian Gov/Intel. Mode: CROWD-36
11500.0	0918	21-12	RDD71: Russian Gov/Intel. Crypto or idling (ACF=56 14 reversals/42 bits space). Mode: Baudot 100/500
11525.0	0934	21-12	K4MT: Russian Gov/Intel wkg NT9P "RYRYRY 011 136 21 0927 1811" followed by 136 5FGs msg with =50= group separator. Mode: CW + Baudot 50/500
5751.0	0705	22-12	SN7D: Russian Gov/Intel wkg G5OP "QSA4 QLO3 QSY 40473" 5FGs msg with =50= group separator. Mode: CW + Baudot 50/500
18183.4	1221	22-12	Russian Gov/Intel. Mode: CROWD-36
8030.0	1221	22-12	Russian Gov/Intel. poss id RDT2. Mode: RUS-ARQ 100/500
8104.75	0901	23-12	Russian Gov/Intel.
7858.0	1150	23-12	Russian Gov/Intel. Several short messages.
9360.0	0834	25-12	Russian Gov/Intel. Mode: Baudot 2,5 stb/50/500E
16120.5	0749	27-12	Russian Gov/Intel. Mode: CROWD-36
17468.5	0749	27-12	Russian Gov/Intel. Mode: CROWD-36
20690.5	0749	27-12	Russian Gov. Mode: CROWD-36. Message after "11177 80038 74036 -34"
5350.0	0911	27-12	Russian Gov/Intel. Mode: Baudot 2,5 stb/50/500E
5735.0	0911	27-12	RRR37: Russian Gov/Intel.

			Mode: Baudot 2,5 stb/50/500E
5770.0	0912	27-12	Russian Gov/Intel. Mode: Baudot 2,5 stb/50/500E
7480.0	0912	27-12	RWV74: Russian Gov/Intel near Smolensk. Mode: Baudot 2,5 stb/50/500E
8070.0	0913	27-12	Russian Gov/Intel. Mode: Baudot 2,5 stb/50/500E
9380.0	0914	27-12	Russian Gov/Intel. Mode: Baudot 2,5 stb/50/500E
10130.0	0915	27-12	Russian Gov/Intel St. Petersburg. Mode: Baudot 2,5 stb/50/500E
13490.0	0918	27-12	RCG77: Russian Gov/Intel. Mode: Moscow Baudot 2,5 stb/50/500E
13985.0	0951	27-12	Russian Gov/Intel near Krasnoyarsk. Mode: Baudot 2,5 stb/50/500E
14830.0	0919	27-12	Russian Gov/Intel. Mode: Baudot 2,5 stb/50/500E
7625.0	0931	27-12	RRL2: Russian Gov/Intel. Mode: F1B/100/500
10380.0	0941	27-12	Russian Gov/Intel. Mode: F1B/100/500
7635.0	0957	27-12	Russian Gov/Intel. Mode: Baudot 2,5 stb/50/500E
6830.0	1015	27-12	Russian Gov/Intel Obninsk/Moscow. Mode: RUS-ARQ 100/500
6795.0	1055	27-12	RXZ32: Russian Gov/Intel. Mode: F1B 50/500
7645.0	1100	27-12	Russian Gov/Intel. Mode: CW & F1B 50/500. "cfm a...", "... ttt ttt k"
7900.0	1142	27-12	Russian Gov/Intel. Mode: F1B 50/500. Messages.
4540.0	0555	28-12	RTW54: Russian Gov/Intel. Crypto. QSX 5225 kHz. Mode: RUS-ARQ 100/500
4970.0	0607	28-12	RFT6: Russian Gov/Intel near Voronezh. QSX 5325 kHz. Mode: RUS-ARQ 100/500
5185.0	0608	28-12	RBW: Russian Gov/Intel near Penza. QSX 5325 kHz. Mode: RUS-ARQ 100/500
5225.0	0608	28-12	RVR39: Russian Gov/Intel. QSX 4540 kHz. Mode: RUS-ARQ 100/500
5325.0	0609	28-12	RND79: Russian Gov/Intel Moscow. QSX 4970 (RFT6) and 5185 kHz (RBW). Mode: RUS-ARQ 100/500
12165.0	0759	28-12	RWD59: Russian Gov/Intel Moscow. "RYRYRYRY RUO-2 DE RWD-59 ZHC?". Mode: Baudot 2,5 stb/50/500E
8195.0	0726	28-12	Russian Gov/Intel. Mode: Baudot 2,5 stb/50/500E
9185.0	0834	28-12	Russian Gov/Intel Moscow. Mode: Baudot 2,5 stb/50/500E
10310.0	0950	28-12	RKA76: Russian Gov/Intel Minsk. Mode: Baudot 2,5 stb/50/500E
9065.0	0829	28-12	RHH73: Russian Gov/Intel near Kirov. Mode: F1B/100/500 6,75 baud
9140.0	0957	28-12	Russian Gov/Intel. Mode: F1B/100/500
9240.0	0741	28-12	Russian Gov/Intel Mode: F1B/100/500
10475.0	0742	28-12	RQS: Russian Gov/Intel Samara. Mode: F1B/100/500
11500.0	0938	28-12	RDD71: Russian Gov/Intel Moscow. Mode: F1B/100/500 ACF=56
3620.25	0630	29-12	Russian Gov/Intel. Mode: RUS-ARQ 100/1000.



Richard posted the following message to UDXF.

"Not sure if anyone is interested but did you know that some of the messages from the Cuban "spy" station SK01 are in plain ASCII. Each set of 2 digits is the ASCII decimal code for the letter.

For example, this message

```
"0103 0077 8374 4952 4670 7776 7365 3232 7975 3282
6766 6879 8346 3232 7783 7469 8346 3284 6567 7983
3232 8932 8576 8473 7765 3232 6779 7870 7377 6567
7379 7832 8673 6532 3257 4850 4613 1078 6967 6983
6582 7379 3232 6970 6967 8485 6983 3232 3270 8273
7479 7669 8332 3266 8582 8273 8479 8344 3232 6869
3232 3265 6785 6982 6879 3232 7378 8384 8285 6767
7379 7869 8313 1082 6967 7366 7383 8469 4632 3280
8269 6773 8365 3232 6779 7868 7367 7379 7869 8332
3270 8273 7479 7669 8332 3268 6966 6932 3282 6965
7673 4532 3290 6582 8369 3267 7978 3269 7613 1080
7976 7679 4632 3280 8279 8873 7765 3284 7982 8473
7676 6532 3283 6982 6532 6978 3232 5650 4755 3234
5355 3444 3232 6978 8482 6971 6568 7932 8079 8232
8473 3285 7684 7377 7913 1080 6578 4632 6779 7870
7382 7765 3282 6967 6980 6773 7978 3286 7365 3257
4850 4632 8578 3265 6682 6590 7932 7146
1310 1310 1310 1310 1310 1310 26"
```

is just a set of ASCII codes which reveal the message:

```
"MSJ14.FMLIA OK RCBDOS. MSJES. TACOS Y ULTIMA CONFIMACION VIA 902.
NECESARIO EFECTUES FRIJOLES BURRITOS, DE ACUERDO INSTRUCCIONES RECIBISTE.
PRECISA CONDICIONES FRIJOLES DEBE REALI- ZARSE CON EL POLLO. PROXIMA
TORTILLA SERA EN 82/7 "57", ENTREGADO POR TI ULTIMO PAN. CONFIRMA
RECEPCION VIA 902. UN ABRAZO G.."
```

Quite interesting, isn't it? The message was sent in the early days of SK01 and I guess that it was a test message. Following Richard's lead I tried to decode a number of other messages but found no clear text in one of them.

OLO32

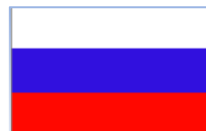
Bezpečnostní informační služba
Security Information Service



Callsign: OLO32
Mode: FEC 100/170

Logs:
4885.35 kHz, 1722 UTC, 02-12-2010

XPA



We haven't mentioned the XP family for a while. It is still very alive and kicking and you can find the logs in the Logs Section each month. Here are this month's logs.

8147	07-12-2010	0700	Tue
10147	07-12-2010	0720	Tue
12147	07-12-2010	0740	Tue
5864	07-12-2010	1940	Tue
4640	09-12-2010	2050	Thu
4640	16-12-2010	2050	Thu
5240	16-12-2010	2110	Thu
8147	21-12-2010	0700	Tue
4440	23-12-2010	2030	Thu
4640	23-12-2010	2050	Thu
5240	23-12-2010	2110	Thu
5767	28-12-2010	1400	Tue
5267	28-12-2010	1420	Tue
4467	28-12-2010	1440	Tue

XSL - Japanese Slotmachine



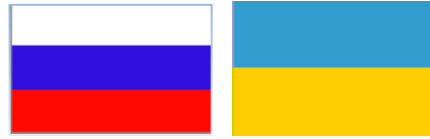
The Japanese naval telemetry transmissions have been logged on 4153, 6250, 6417, 6445, 8313 and 8588 kHz this month.

MILITARY STATIONS

M32

Russian/CIS/Ukrainian

Military SSB & CW Stations



- 2216.0 CIS Mil: "DE YXHP QYT1 QSW3"
- 2776.0 Russian Navy: RCV msg to collective RKZ. "... de rcv rcv qtc"
- 2815.5 Russian Mil: "... tt r k" "tmz_ ... r 73_ k"
- 3192.0 Russian Navy Kaliningrad: "REO de RMP QTC 636 193 7 1959 636 = SMB = PROGNOZ POGODY S 18 ÖASOW 8 DEKAMBRÄ ... "
Also copied was a duplex net, hand keyed CW, with stations UBH5, RBX2, UBH4, UBH9.
- 3326.0 Tactical Russian/CIS (Kazakhstan/Turkmenistan?) net. Military simplex (training ?) net. Strange morse net with at least five participants, only the id of YAN4 (probably NCS) and KSA1 fully understood, players giving current local time at regular intervals, the other stations reply "ok" in turn (in time zone UTC+5 hours); "qtr 1929 k" "ok" "qtr 193t" "ok", frequent "rpt" if not understood by a participant in the net. If wrong time is sent the station will correct this with "qtr cor hhmm" using T=0. This net has been around for a long time, but there are very few reports in public. Net seem to change callsign more frequent then 10 days, or there are a large number of participants not regularly heard.
- 3339.5 Russian Navy: RJD56
- 3354.0 Russian army net. Nothing heard from outstations on 2839 kHz
- 3755.0 Russian Navy: RTS wkg UGU4
- 3785.0 Russian Navy: UGU27
- 3818.0 Russian Navy: RMB80 "286 27 4 1800 286= for RMP RJD69 = 11111 10466 ... 04024 = ar RMB80 k", OP-Chat, "RMB80 ok QRU k"
- 4608.0 Unid. Russian mil?? Male voice reading messages.
- 4616.0 Russian Navy Kaliningrad: "vvv vvv vvv ??85 de rmp zzd ? K"
- 4616.5 Russian Navy: RGN90 wkg RNMB "VVVVV VVVVVV RNMB DE RGN90 QTC K"
- 4619.5 Russian Mil. "de RJI92 qru k"
- 4620.0 Russian Mil: "XXX XXX qlck qlck 76884 gaworci"
- 4635.0 Russian warship RAG58 "11111 682t7 17577 t3ttt 739" ends with "= + RAG 58"

Russian warship RBC89 "417T6 T11T8 TTTT5 4TTT7 T2278 //// 22282
TT2T2 T2T28 8TTT4 T1T = + RBC89 K"

4979.0 Russian Navy: RAL2 clg RBL66 "RBL66 DE RAL2 QSA K"

5072.0 Russian Mil: "7M7J 7M7J 7M7J QTC 423 23 26 0120 423 = ZAC 055 =
5900 2262 ... 5593 2619 646 = (QTC repeat) ar"

5297.0 Russian Mil: "1FLR 1FLR 1FLR QTC 492 25 18 2140 492 = 767 =
4854 2102 ... 7878 1822 ar"

5378.0 Russian Mil: RIT wkg RLD69.

5386.0 Russian Mil: 1MSJ clg 2CZS.

5444.0 CIS Mil: "DUEP QTC 673 52 2 18 2T 673= 5 76366 522= A A A A "

6220.0 Russian tactical net. NCS is YNSG. Ongoing callup of
participating outstations in the net: P2FW, PNCX, 6O4Y, JJPL,
YPOM, 5P9E. "kcai kcai kcai de ynsq ynsq"; "ypom ypom ypom de
ynsq ynsq qtc k"; "346 _9 18 tt5t 346 =69_ = ppppp ... qipäy
436 k"

Russian tactical net. NCS "3VKO". Unattended long time night
time monitoring show that this channel is used not only by NCS
"YNSG" but also NCS "3VKO". 3VKO is using 7967 kHz for daytime
operation. During session 3VKO called stations W8KT, ET2C, 8W3Q,
3Z5N, QKTB, and 4_ZE.

7HF2 wkg COL4, GVH5, TEDT, FZVI, TNMZ. "7HF2 567 26 24 1844 567
= 609 = PPPPP PGDSC EHIUYu ... EHIUYu WRPWE 514 rpt al k"

6391.0 Russian Mil: B47R wkg VYRT.

6434.0 Russian Mil: "FRL5 = UVAZG BYKYuYu PZVSX WYPWE 475 rpt al k"
& QTC to Y19J "116 26 26 0702 116 = 035 = PPPPP ZRTshFD
WIAYaE ... ZRTshFD WIAYaE WYPWE 475 (QTC repeat) ar"

6521.5 Russian warship RFH74 clg RCV

6784.5 Russian Mil: CNPM wkg 6G9X and NBK5. "CNPM 583 17 19 0921 583
= 811 = 76727 ... 1901_ rpt al k".

6941.0 Russian Mil: ORMK wkg unid "ORMK = SQWSA PBMTSh KYuMOB ...",
"ORMK = YLKZTsh AZKBG 376 k".

6988.0 Russian tactical mil network.
ARCV in traffic to JH4Z on 7969 kHz: "ARCV = LYPRP ... AKWIW
095 K. JH4Z-RPT SIG K. ARCV- = 095 K. JH4Z-R 118 K"
FQ8P calling NCS TWHH: "twhh de fq8p qtc k"; "fq8p 8t7 27 5
1_t5 8t7 =769= aaaaa ddddd narok ... dkqcj 574 k"

ILZT calling NCS TWHH with op-chat going into crypto voice
using MS-5; "twhh de ilzt zjv zjw zzl gyt6". QAS8 calling NCS
JH4Z. Change of callsigns in the net today (12 Dec)

"FVNB = AKRCW ZOVHR KITEV DORGO BGKBW 609 k"; FVNB clg G7N5
"QTC k; "FVNB = FVNB 998 28 25 1610 998 k"; "FVNB = 184 k",
"FVNB = AAAAA DDDDD SAKRE IFGTshSh OYaEPD ... IFGTshSh OYaEPD
BDKBD 567 k".

"YME1 520 22 25 1520 520 = 567 = PPPPP ABNZX ShWCNB ... ABNZX
ShWCNB WTPYaO 774 k".

"IZYF ok QBE QYT6 k", "nw QRJ3 QYT6"; "IZYF = PEARL TIAGO ...
XLOShG BDKID 567 k".

EFEI wkg PBYD w/OP-chat "QRJ3 QYT6"; 1359z "QRJ? QYT6 k", "EFEI
ok QJG QYT6 k".

HGXW wkg 2XDD w/cfm-tfc "2XDD de HGXW QTC k", "HGXW QRV k", "bk
bk bk bk rpt al k", "HGXW rpt PBL k".

W5KY wkg unid w/cfm-tfc "W5KY QRV k", "W5KY r 264 k".

6994.0 Russian tactical network. Unid station testing "vvvv vvvv
vvvv vvvv vvvv"

7018.0 Russian Air Force: REA4. "REA4 18130 20069 = REA4"
Russian Air Force: REA4 // 7319 kHz "rea4 rea4 = 3t13t 2tt69
... 86427 0 rea4 k".

7056.0 Russian Mil: ANDL clg IZSR, ORAM, 7RY3, VAJT, TRZG.
Russian Mil: YGO5 wkg 8BAX, KMTV, CPG1, 7FO4, IR5A, 8BAX,
KMMT, 8L9G, CPG1.

7101.0 Russian Mil: ARJU wkg PJPB, VQI6, VVPW, "ARJU 567 34 18 1715
567=ZGL". Also heard: 7YD8 wkg XAPD, NKCG and 7VD8.

7193.0 Russian Mil. "XXX" (followed by Revs/Ptr)

7319.0 Russian Air Force: REA4.

7861.0 Russian navy: RHW2 wkg RAL2.

7869.0 Russian Mil: 5TGI wkg A6S2. "A6S2 A6S2 A6S2 DE 5TGI 5TGI QTC
361 2 9 29 T8 44 3 61 = 8 T 3 ="

7954.0 Russian Mil: "RLO RLO RLO DE RIT RIT GETC 901 34 AM 0057
MR01 RI DIOPROGNOZ 01120"

7967.0 Russian tactical network. NCS 3VKO calls CE2C, VBXY, W8KT,
KQTD, XBXV and 3Z5N. Ongoing callup of participating
outstations in the net: "ce2c ce2c ce2c de 3vko 3vko";
"w8kt w8kt w8kt de 3vko 3vko".

NCS JH4Z calls the participating outstations in the net: 3hau,
wxso, p36a, qas8, arcv, bvW5. Outstations replies on QSX 6988
kHz with; "callsign k" no reply fm wxso.

"wxso wxso wxso de jh4z jh4z"; "wxso wxso wxso de jh4z jh4z qtc
735 26 13 165t 735 =714= ppppp pinjz ... äcpwe 47t rpt al qln k"
(QLN = repeat back on landline)

7969.0 Russian tactical net. NCS JH4Z wkg ARCV on 6988 kHz.

8083.75 Russian Naval Air: 9515778 wkg 9513577.

8107.0 Russian HFDF tracking & intercept net, unid northern chain station with short control routine reply to NCS "Gudok", mil unit 34608, GRU tactical coordination centre Podolsk / Klimovsk; "v v v 3 k" later "v v v v v v v v v v uvm 3k".

8192.0 Russian Air Force: end of strategic message to collective REA4 "...3t 83t31 = REA4 k"

8983.12 Russian mil tactical network. NCS KMPB passes telegram "spa2 spa2 qtc" "spa2 3t7 39 21 153t 3t7 =ziz 858= ... bakwd 869 k". Then asks for reception of this telegram from 3ROA "3ROA de KMPB r? K" and the other net participants 9WJR, GSO5, LHS8.

9044.0 Russian High Command strategic bcast to RDL //6342, 7657, 8508, 9346, 11468, 12741, 14411 kHz. Night QRG = 4582 kHz.

9346.0 Russian High Command strategic bcast to RDL. "rdl rdl rdl t1t98 t4475 t1t98 t4475 t1t98 t4475 k" //7416, 7657, 8508, 9346, 12741, 14411 kHz.

10443.2 Russian High Command, strategic 5fg msg to collective REA4.

14411.0 Russian High Command bcast to RDL. "rdl rdl rdl 11111 94945 2t217 ... 37812 28t99 t2t4t k" //5867, 6342, 9346, 11468 kHz.

16002.0 Russian Mil: 2FZO wkg F4HH

Russian military morse net on 7969/6988 kHz

Report written by Trond Jacobsen

Note: you can find a recording in the UDXF files section under "UDXF sound clips"

An interesting Russian mil net is active on 7969 kHz (NCS) and 6988 kHz (outstations).

Some sample traffic jotted down on 13 Dec.

6988.0 jh4z de 4t7u, jh4z de 4t7u, jh4z de 4t7u
 7969.0 jh4z qrv k
 6988.0 4t7u 999 27 13 142t 999 = 714 = aretf ... awcbg t95 k
 7969.0 jh4z r 999 k

This day was JH4Z not the only recipient at the NCS end;

6988.0 mnpj de 3hau
 7969.0 gtk (?) could have been gtk (?) (- anyway, 3hau gets the msg, he/she asked for the wrong recipient !)

6988.0 ifpj de 3hau, short pause, and then without any confirmation
of grv fm ifpj sends; "3hau 772 23 13 1431 772 =t95="

7969.0 bk rpt aa sk

6988.0 =t95= ppppp ... hvhuo äepwp 714 k

7969.0 ifpj r 772

At 1200 UTC, NCS JH4Z is calling all stations in the net:

7969.0 3hau de jh4z

6988.0 3hau k

7969.0 wxso de jh4z

6988.0 no reply fm wxso

7969.0 p36a de jh4z

6988.0 p36a k

7969.0 gas8 de jh4z

6988.0 gas8 k

7969.0 arcv de jh4z

6988.0 arcv k

7969.0 bv5 de jh4z

6988.0 bv5 k

At 1218 UTC NCS JH4Z is again calling the quiet net player WXS0:

7969.0 wxso de jh4z qtc k

6988.0 unid player asks; "rpt k"

7969.0 wxso de jh4z qtc k

7969.0 switching to fsk morse/1000 (!); "wxso wxso wxso de jh4z jh4z"

7969.0 and directly back to A1A with; "qtc 723 19 13 15t8 723 =t95=
ppppp wtced 47t k" bcasted in the blind.

6988.0 no confirmation or sign of life fm wxso

Error is sent as (7 dots). In between traffic repetitive "VVV"
strings are sent as groups of 10 "V's" and a "K" (vvvvvvvvvv k) can be
heard from the outstations.

ITU has some ideas that the NCS is located near 33 E 21 55 N 13, i.e.
west of Moscow in the Smolensk area and that at least one of the
outstations is located in the Murmansk area of the Kola peninsula.
Can't confirm that though.

A big thank you to all the UDXF members who has been helpful with
feedback after my request regarding this net. "No one mentioned, no one
forgotten". Tune in. Great Morse practice and lots of fun.

Best regards

Trond Jacobsen
Hvaler archipelago, SE Norway

Russian mil tactical daytime network on 6988 kHz

C/S	FQ8P	TDZT	TWHH	8LPS	ADC1	ILZT	9V1W	HSSK	I7I1
FQ8P			calls twhh						
TDZT	tdzt as	qtc tdzt 176 ... ---- tdzt k				qtc tdzt 888 ...			
TWHH	de fq8p				de adc1	de ilzt ---- qtc ts7t 29t ...	de 9v1w		de i7i1
8LPS						de ilzt		de hssk	
ADC1			calls twhh			adc1 rpt k			
ILZT			calls twhh	calls 8lps					
9V1W			calls twhh						
HSSK				calls 8lps		qtc hssk 368 ...			
I7I1			alls twhh						

In november 2009 was GJBN called by LFC5
ADC1 is very strong at this QTH.

UTILITY ROUND-UP

NEW UDXF FACTSHEET

"Voices from the tundra" is the UDXF monitoring guide to Russian "community" radio stations written by Trond Jacobson. Check the UDXF files section and the UDXF website for this article.

Tundra comms

3132.9 kHz, 1922 UTC, 16-12: Russian speaking "community station", AM with bad audio and unstable carrier during modulation, OM conversation with unid unheard station, chit chat regarding weather foresight. Prob Nenets / Komi village to tundra winter camp comms. (logged by Trond)

Polish Pip



The Polish pip is a daily guest on 1812 kHz.

Unid air defense net

This unid Asian net was again active on 3336 kHz on 2 Dec. Copied by Alex.

1136 52213019 34
1135 32215142 34
1135 32215163 40
1135 32215175 44
1136 62215071 46
1136 62215081 48
1136 82213012 54
1136 82215086 56
1136 92215079 56
1136 82215017 00
1136 92215026 58

Unid MWKJ

Copied by JPL and Attu. Attu also added logs of MWKJ's sister station.

MWKJ transmits from 20-30 and 50-00 min each hour.

3343 kHz, 02-12, 1954 UTC: MWKJ
3343 kHz, 04-12, 1620 UTC: MWKJ
3343 kHz, 08-12, 1817 UTC: MWKJ
3343 kHz, 08-12, 1858 UTC: MWKJ
3343 kHz, 13-12, 1421 UTC: MWKJ

Unid L6YC

MWKJ's sister "L6YC" transmits from 15-25 and 45-55 min each hour. L6YC appears to be seasonal in nature. Attu last logged L6YC during 2005

3207 kHz, 1615 UTC, 04-12: L6YC //3860 kHz
3860 kHz, 1615 UTC, 04-12: L6YC //3207 kHz
3207 kHz, 1745 UTC, 04-12: L6YC //3860 kHz
3860 kHz, 1745 UTC, 04-12: L6YC //3207 kHz
3207 kHz, 1900 UTC, 04-12: L6YC //3860 kHz "= 49 21 04 ="
3860 kHz, 1900 UTC, 05-12: L6YC //3207 kHz "= 49 21 04 ="

Unid stations:

Should you have further information about the following unidentified stations, please let us know.

3425 kHz, 1705 UTC, 04-12. Mode: CW. Cut numbers. 4FG messages.
(logged by Attu Bosch)

3882 kHz, 1736 UTC, 04-12. Mode: CW. 5FG messages.
(logged by Attu Bosch)

5373 kHz, 0219 UTC, 05-12. Mode: CW. "TME XTME XTME DE T M5LX35L R885?K"
(logged by Recette)

5471 kHz, 1830 UTC, 27-11. Mode: CW. 5FG messages "= 22040 22658 01373
63287 ar" (logged by Attu Bosch)

8020 kHz, 0615 UTC, 07-12. Mode: Baudot 50/500. "RYRYRYRY PROBA PROBA
PROBA PROBA PROBA PROBA PROBA PROBA" (logged by Bruno)

13996 kHz, 1122 UTC, 04-12. Mode: CW. "VVVVVVVVVVVV DE KOPZK DE KOPZK DE
KOPZK. (logged by Eddy Waters)

Pirate stations

6998 kHz, 2158 UTC, 18-12: the infamous Italian station HWK7 was on the
air again.

3579.7 kHz, 0228 UTC, 28-12: unid pirate "HPY NEW YEAR 2010 de PIRATE
BEACON" & dashes.

LOGS SECTION

2466	M01b	Mode: CW Date/time: 23-12-2010, 1932 UTC 910 987 30 == 60901 3545//2466 kHz Contr: (FN)
2680	M22	Mode: CW Date/time: 17-12-2010, 1943 UTC 4XZ Israeli Navy Contr: (norave)
3150.0	E10	Mode: USB Date/time: Wed 29-12-2010, 1832 PCD2. Fair, QRN5 in AM. Contr: (SWL1409)
3150.0	E10	Mode: USB Date/time: Thu 30-12-2010, 0400 Callsign PCD (only repeated for 2 min vice the usual 5) 78 alpha groups (EXTREM Contr: (Ewok-IT)
3192	S06	Mode: AM Date/time: Thu 30-12-2010, 1900 349 0 Contr: (HFD)
3297	M89	Mode: CW Date/time: 2-12-2010, 1954 UTC V GKVZ (x3) DE Q7NW (x2) (Cont'd) (Thu) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 4-12-2010, 1610 UTC Q7NW Contr: (AtB)
3297	M89	Mode: CW Date/time: 8-12-2010, 1814 UTC V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 9-12-2010, 2012 UTC

3297	M89	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK) Mode: CW Date/time: 12-12-2010, 1702 UTC
3297	M89	V GKVZ GKVZ GKVZ DE Q7NW Q7NW Contr: (AtB) Mode: CW Date/time: 13-12-2010, 1414 UTC V GKVZ GKVZ GKVZ DE Q7NW Q7NW Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 15-12-2010, 2226 UTC V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3323.0	S21	Mode: USB Date/time: Thu 30-12-2010, 1842 S06 OM voice. Extremely weak. Test counts? Contr: (SWL1409)
3327	M89	Mode: CW Date/time: 15-12-2010, 2211 UTC V QPZM (x3) DE WOXN (x2) (Cont'd) //4523 Contr: (JPL-HK)
3525	M45	Mode: CW Date/time: 23-12-2010, 1802 UTC 525 812 34 == 47732 Contr: (FN)
3545	M01b	Mode: CW Date/time: 23-12-2010, 1932 UTC 910 987 30 == 60901 3545//2466 kHz Contr: (FN)
3593.7	MX	Mode: CW Date/time: 30-11-2010, 0006 UTC Beacon "D" Sevastopol/Odessa Contr: (TJ)
3620.25	M42	Mode: RUS-ARQ 100/1000 Date/time: 29-12- Russian Gov/Intel. Contr: (BCI)
3733	S06	Mode: AM Date/time: Sat 4-12-2010, 1935 UTC 405 0 Contr: (HFD)
3756	S30	Mode: CW Date/time: 11-12-2010, 2237 UTC Pip Contr: (AB)
3756	S30	Mode: USB Date/time: 12-12-2010, 1903 UTC The Pip Contr: (norave)
3756.0	S30	Mode: USB Date/time: Sat 4-12-2010, 2043 UTC Weak Contr: (SWL1409)
3756.0	S30	Mode: USB Date/time: Wed 29-12-2010, 1834 Pip changing tone pitch several times after whistlings and other strange noises. Contr: (SWL1409)
3825	M14	Mode: CW Date/time: Fri 3-12-2010, 2000 UTC 724 0 Contr: (HFD)
3828.0	S32	Mode: USB Date/time: Sat 4-12-2010, 2044 UTC Very weak to inaudible. QSB2. Contr: (SWL1409)
3828.9	S32	Mode: USB Date/time: 11-12-2010, 2237 UTC Squeaky Wheel Contr: (AB)
3828.9	S32	Mode: USB Date/time: 17-12-2010, 2015 UTC Squeaky Wheel Contr: (norave)
3838	S06	Mode: AM Date/time: Thu 23-12-2010, 1905 349 0 Contr: (HFD)
3838	S06	Mode: AM Date/time: Mon 27-12-2010, 1905 UTC 349 0 Contr: (HFD)
3838.0	S06	Mode: USB Date/time: Mon 20-12-2010, 1805 349/00000. Strong. Contr: (SWL1409)
3840.0	E10	Mode: USB Date/time: Fri 17-12-2010, 0130 Callsign YHF 7 letter groups RS 5x4 Contr: (Ewok-IT)
3840.0	E10	Mode: USB Date/time: Tue 21-12-2010, 0130 Callsign YHF 16 alpha groups RS 4x4 Contr: (Ewok-IT)
3947	M21	Mode: CW Date/time: 27-11-2010, 1854 UTC PVO. Grid tracking Contr: (AtB)

4028.0	V02a	Mode: AM Date/time: Fri 10-12-2010, 0100 UTC A xxxxx 08872 63462 (In progress, missed callup) Contr: (Jon-FL)
4060	M01b	Mode: CW Date/time: 7-12-2010, 2242 UTC 36T 36T 36T 36T 36T 36T 36T 36T 36T 1 555 Contr: (BCI)
4108.5	MX	Mode: CW Date/time: 14-12-2010, 0616 UTC Beacon "V" Khiva Contr: (BCI)
4153.0	XSL	Mode: USB Date/time: Wed 8-12-2010, 1300 UTC S0, just barely out of the noise Contr: (ZW)
4225	M89	Mode: CW Date/time: 2-12-2010, 1950 UTC V 7NPE (x3) DE QV5B (x2) (Cont'd) (Thu) Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 8-12-2010, 1812 UTC V 7NPE (x3) DE QV5B (x2) (Cont'd) Contr: (JPL- HK)
4225	M89	Mode: CW Date/time: 9-12-2010, 2010 UTC V 7NPE (x3) DE QV5B (x2) (Cont'd) Contr: (JPL- HK)
4225	M89	Mode: CW Date/time: 13-12-2010, 1411 UTC V 7NPE 7NPE 7NPE DE QV5B QV5B Contr: (JPL- HK)
4270.0	E10	Mode: AM Date/time: Wed 29-12-2010, 0023 UTC PCD. YL 5LG, weak signal lotsa interference Contr: (why)
4325.9	MX	Mode: CW Date/time: 10-12-2010, 2221 UTC Beacon "R" Contr: (AB)
4331	M22	Mode: CW Date/time: 10-12-2010, 1917 UTC 4XZ - Israeli Navy Haifa. 5GFs after "= VVV de 4XZ 4XZ = = Contr: (BvR)
4331	M22	Mode: CW Date/time: 17-12-2010, 1943 UTC 4XZ Israeli Navy Contr: (norave)
4440	XPA	Mode: AM Date/time: Thu 23-12-2010, 2030 msg Contr: (HFD)
4441	E11	Mode: USB Date/time: Sun 5-12-2010, 1050 127/00 Contr: (HFD)
4443	M12	Mode: CW Date/time: Tue 7-12-2010, 0440 UTC 408 1 Contr: (HFD)
4443	M12	Mode: CW Date/time: Thu 9-12-2010, 0440 UTC 408 1 Contr: (HFD)
4454	M42	Mode: Baudot 50/500 Date/time: 30-11-2010, Russian Gov/Intel. Contr: (TJ)
4466	E07	Mode: USB Date/time: 31-12-2010, 1143 UTC Last groups: 87478 76482 72363. New msg at 1146 UTC: 293 2 Contr: (HS2)
4467	XPA	Mode: AM Date/time: Tue 28-12-2010, 1440 msg Contr: (HFD)
4470	M14	Mode: CW Date/time: Fri 3-12-2010, 2100 UTC 724 0 Contr: (HFD)
4508	M12	Mode: CW Date/time: Mon 6-12-2010, 0600 UTC 588 1 Contr: (HFD)
4508	M12	Mode: CW Date/time: Mon 13-12-2010, 0600 UTC 588 0 Contr: (HFD)
4512	M12	Mode: CW Date/time: Wed 1-12-2010, 2220 UTC 350 0 Contr: (HFD)
4516	E06	Mode: AM Date/time: 5-12-2010, 0230 UTC 759 818 32 5FGs 618 32 00000 Contr: (GHUK)

4519	G06	Mode: AM Date/time: 9-12-2010, 1835 UTC in progress Contr: (MUK)
4523	M89	Mode: CW Date/time: 2-12-2010, 1948 UTC V QPZM (x3) DE WOXN (x2) (Cont'd) (Thu) Contr: (JPL-HK)
4523	M89	Mode: CW Date/time: 8-12-2010, 1804 UTC VVV GNL GNL GNL DE 3FZ 3FZ QSA ? K (hand sent) Contr: (JPL-HK)
4523	M89	Mode: CW Date/time: 8-12-2010, 1900 UTC VVV GNL GNL GNL DE 3FZ 3FZ (R10) QSA ? K (Hand sent) 2 ne Contr: (JPL-HK)
4523	M89	Mode: CW Date/time: 9-12-2010, 2007 UTC V QPZM (x3) DE WOXN (x2) (Cont'd) Contr: (JPL- HK)
4523	M89	Mode: CW Date/time: 15-12-2010, 2211 UTC V QPZM (x3) DE WOXN (x2) (Cont'd) //3327 Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 2-12-2010, 1952 UTC V JA3L (x3) DE UN2T (x2) (Cont'd) (Thu) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 8-12-2010, 1816 UTC V JA3L (x3) DE UN2T (x2) (Cont'd) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 13-12-2010, 1417 UTC V JA3L JA3L JA3L DE UN2T UN2T Contr: (JPL- HK)
4532	M89	Mode: CW Date/time: 15-12-2010, 2228 UTC V JA3L (x3) DE UN2T (x2) (Cont'd) Contr: (JPL-HK)
4540	M42	Mode: RUS-ARQ 100/500 Date/time: 28-12- RTW54: Russian Gov/Intel. Crypto. QSX 5225 kHz Contr: (PPA)
4560	E10	Mode: AM Date/time: 21-12-2010, 1630 UTC YHF G16 JOYSS //3840 Contr: (HS2)
4567	XPA	Mode: AM Date/time: Tue 30-11-2010, 1440 msg Contr: (HFD)
4625	S28	Mode: USB Date/time: 1-12-2010, 1749 UTC MDZhB buzzing Contr: (BvR)
4625	S28	Mode: USB Date/time: 8-12-2010, 1536 UTC MDZhB MDZhB 29 711 Brokul'nik 93 27 99 38 Contr: (AB-Rus)
4625	S28	Mode: USB Date/time: 9-12-2010, 1646 UTC MDZhB MDZhB 44 842 KROVELNYI 62 47 38 12 Contr: (RSRu)
4625	S28	Mode: USB Date/time: 10-12-2010, 2226 UTC Buzzer Contr: (norave)
4625	S28	Mode: USB Date/time: 18-12-2010, 1500 UTC RTTY sound mixing with the buzzer Contr: (RSRu)
4625	S28	Mode: USB Date/time: 18-12-2010, 1503 UTC 47 636 TREHLETOK 00 45 29 47 FRYEIZER 15 55 78 92. Contr: (RSRu)
4625	S28	Mode: USB Date/time: 18-12-2010, 1510 UTC Odin dva, odin dva. MDZhB MDZhB 47 636 TREHLETOK 00 45 29 Contr: (RSRu)
4625	S28	Mode: USB Date/time: 19-12-2010, 1148 UTC MDZhB MDZhB 56852 trenogii 8606 5944 drendout 2852 4471 Contr: (RSRu)
4625	S28	Mode: USB Date/time: 25-12-2010, 1230 UTC Buzzer followed by a message. Male voice.

		MDZhB MDZhB 36 9 Contr: (AB-Rus)
4625	S28	Mode: USB Date/time: 26-12-2010, 1445 UTC Connection sounds at 1436 UTC. Message at 1445 UTC. Female Contr: (AB-Rus)
4625	S28	Mode: USB Date/time: 29-12-2010, 1622 UTC Message. Female voice. MDZhB MDZhB 35 020 TRIUMVIR 56 53 3 Contr: (AB-Rus)
4625.0	S28	Mode: USB Date/time: Sat 4-12-2010, 2102 UTC Only carrier. Buzz sound heard 1 time at 2107z. Contr: (SWL1409)
4638	M12	Mode: CW Date/time: Wed 1-12-2010, 0500 UTC 678 0 Contr: (HFD)
4638	M12	Mode: CW Date/time: Mon 13-12-2010, 0500 UTC 678 1 Contr: (HFD)
4639	M42	Mode: MFSK-16 7 Date/time: 2-12-2010, 2053 Russian Gov/Intel. Contr: (TJ)
4640	XPA	Mode: AM Date/time: Thu 9-12-2010, 2050 UTC msg Contr: (HFD)
4640	XPA	Mode: AM Date/time: Thu 16-12-2010, 2050 msg Contr: (HFD)
4640	XPA	Mode: AM Date/time: Thu 23-12-2010, 2050 msg Contr: (HFD)
4761	M14	Mode: CW Date/time: Wed 15-12-2010, 1923 UTC ip Contr: (HFD)
4761.0	M14	Mode: USB Date/time: Wed 15-12-2010, 1920 ID:748. Strong, QSB3. Recording : http://www.4shared.com/audio/3WdxZ2cM/M14_-_47 Contr: (SWL1409)
4783	M31	Mode: CW Date/time: 12-12-2010, 2252 UTC FDI22 French Air Force / channel marker Contr: (norave)
4831.5	XM	Mode: USB Date/time: 7-12-2010, 1953 UTC Whale-Sound. Sliding tone falling f+1000 to f- 800. Contr: (MPJ)
4836	E06	Mode: AM Date/time: Thu 16-12-2010, 2030 321-567/15=24351 Contr: (HFD)
4845	S06s	Mode: AM Date/time: 23-12-2010, 1410 UTC 624 987 5 68734 Contr: (FN)
4855	S06	Mode: USB Date/time: 21-12-2010, 1522 UTC 923(R3) 66663(R2) until 1524, then it changed to 923(R3) 6 Contr: (HS2)
4860	M89	Mode: CW Date/time: 2-12-2010, 2020 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 (Thu) Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 8-12-2010, 1820 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 kHz Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 9-12-2010, 2020 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 kHz Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 13-12-2010, 1420 UTC VVV Q2M Q2M Q2M DE NYZ NYZ (R5) QSA ? K //6840 kHz Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 15-12-2010, 2220 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 22-12-2010, 2320 UTC

VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K
//6840 kHz Contr: (JPL-HK)

4870	E06?	Mode: AM Date/time: 10-12-2010, 1730 UTC 950 ... Contr: (BCI)
4880.0	E10	Mode: USB Date/time: Mon 27-12-2010, 2012 ULX. Weak, caught in progress. Contr: (SWL1409)
4881.0	E10	Mode: AM Date/time: Tue 28-12-2010, 0021 YL EE 5fg of phonetic alphabet; relatively strong signal, towards end of transmi Contr: (why)
4885.35	OLO32	Mode: FEC 100/170 Date/time: 2-12-2010, 1722 Czech Intel. Contr: (BCI)
4938	E07	Mode: AM Date/time: Wed 1-12-2010, 1905 UTC 989 2 Contr: (HFD)
4938	E07	Mode: AM Date/time: Sun 5-12-2010, 1902 UTC 989 2 Contr: (HFD)
4938.0	E07	Mode: USB Date/time: Sun 26-12-2010, 1940 Fair. ID:989 Contr: (SWL1409)
4961	M51	Mode: CW Date/time: 8-12-2010, 0541 UTC in progress Contr: (BCI)
4970	M42	Mode: RUS-ARQ 100/500 Date/time: 28-12- RFT6: Russian Gov/Intel near Voronezh. QSX 5325 kHz) Contr: (PPA)
5040	M12	Mode: CW Date/time: 16-12-2010, 0501 UTC 4T8 4T8 4T8 1..... Contr: (ACS)
5043	M12	Mode: CW Date/time: Tue 7-12-2010, 0500 UTC 408 1 Contr: (HFD)
5043	M12	Mode: CW Date/time: Thu 9-12-2010, 0500 UTC 408 1 Contr: (HFD)
5070	S06s	Mode: AM Date/time: 21-12-2010, 1500 UTC 537 812 6 52537 53317 06675 41736 81413 94073 812 6 00000 Contr: (HS2)
5070.0	S06	Mode: AM Date/time: Tue 28-12-2010, 1500 strong signal 6 groups Contr: (AnGer)
5082	E11	Mode: USB Date/time: 13-12-2010, 0450 UTC 416/00 Contr: (HS2)
5164	E07a	Mode: AM Date/time: Wed 22-12-2010, 2120 UTC 815 0 Contr: (HFD)
5185	M42	Mode: RUS-ARQ 100/500 Date/time: 28-12- RBW: Russian Gov/Intel near Penza. QSX 5325 kHz Contr: (PPA)
5185	S06	Mode: AM Date/time: Mon 13-12-2010, 2215 UTC 632 0 Contr: (HFD)
5220	M01b	Mode: CW Date/time: 25-12-2010, 1910 UTC 2xFGs "... 34798 34798 15424 15424 = = 637 637 182 182 000 Contr: (ALF)
5225	M42	Mode: RUS-ARQ 100/500 Date/time: 28-12- RVR39: Russian Gov/Intel. QSX 4540 kHz Contr: (PPA)
5234	E07	Mode: AM Date/time: Tue 14-12-2010, 0800 278 0 Contr: (HFD)
5234	E07	Mode: AM Date/time: 21-12-2010, 0800 UTC 278 000 Contr: (HS2)
5240	XPA	Mode: AM Date/time: Thu 16-12-2010, 2110 msg Contr: (HFD)
5240	XPA	Mode: AM Date/time: Thu 23-12-2010, 2110 msg Contr: (HFD)
5250	S06s	Mode: AM Date/time: 21-12-2010, 0700 UTC

374 981 5 75415 46192 98254 55246 96285 981
5 00000 Contr: (HS2)

5267 XPA Mode: AM Date/time: Tue 28-12-2010, 1420
msg Contr: (HFD)

5278 E07 Mode: AM Date/time: Wed 1-12-2010, 2040 UTC
472 1 Contr: (HFD)

5312 M12 Mode: CW Date/time: Wed 1-12-2010, 2200 UTC
350 0 Contr: (HFD)

5320 S06s Mode: AM Date/time: 23-12-2010, 1400 UTC
624 987 5 68734 Contr: (FN)

5325 M42 Mode: RUS-ARQ 100/500 Date/time: 28-12-
RND79: Russian Gov/Intel Moscow. QSX 4970
(RFT6) and 5185 Contr: (PPA)

5350 M42 Mode: Baudot 2,5 stb/50/500E Date/time: 27-
Russian Gov/Intel Contr: (PPA)

5358 M03 Mode: CW Date/time: 21-12-2010, 1535 UTC
798/30 == 18304 83792 Contr: (FN)

5366 M21 Mode: CW Date/time: 7-12-2010, 2011 UTC
Russian Air Defence (PVO). In static: ...
74210_111 = = 17 Contr: (MPJ)

5366 M21 Mode: CW Date/time: 7-12-2010, 2108 UTC
"=177937745448T8 =17794774E?758T" Contr:
(BCI)

5366 M21 Mode: CW Date/time: 13-12-2010, 2146 UTC
Russian Air Defence = 99?0045?9???? =
99?0046?9???? Contr: (MPJ)

5366 M21 Mode: CW Date/time: 18-12-2010, 1442 UTC
PVO - Russian Air Defense Contr: (norave)

5435 E10 Mode: AM Date/time: 29-11-2020, 2205 UTC
ART Contr: (norave)

5435.0 E10 Mode: USB Date/time: Wed 8-12-2010, 0023 UTC
qrm Contr: (Bengerri)

5435.0 E10 Mode: AM Date/time: Fri 10-12-2010, 2204 UTC
ART. Fair. QRM2 QSB3. Group count not reported
because too weak. Contr: (SWL1409)

5448 S30 Mode: CW Date/time: 24-12-2010, 0621 UTC
The Pip Contr: (Rec)

5463 G06 Mode: AM Date/time: 13-12-2010, 0802 UTC
215 346 46 29483 88734 58088 346 46 00000
Contr: (HS2)

5465.9 MX Mode: CW Date/time: 10-12-2010, 2221 UTC
Beacon "R" Contr: (AB)

5467 XPA Mode: AM Date/time: Tue 30-11-2010, 1420
msg Contr: (HFD)

5637.0 V21 Mode: USB Date/time: Fri 3-12-2010, 1424 UTC
In progress, good signal. Frequency correction to
previous post. Contr: (TW3)

5637.0 V21 Mode: USB Date/time: Mon 6-12-2010, 1411 UTC
Singing man in progress with a strong signal here.
Contr: (TW3)

5637.0 V21 Mode: USB Date/time: Wed 8-12-2010, 1355 UTC
Fair reception, the signing man is really amped up
today, very fast delivery, se Contr: (TW3)

5637.0 V21 Mode: USB Date/time: Thu 9-12-2010, 1407
Fair, singing man sounding tried, usual dead air
spaces and background talking. Contr: (TW3)

5637.0 V21 Mode: USB Date/time: Fri 10-12-2010, 1404

5637.0	V21	Singing man, weak signal. Contr: (TW3) Mode: USB Date/time: Sun 12-12-2010, 1352 Singing Man, fair to good signal, usual dead air spaces and background talking. Contr: (TW3)
5637.0	V21	Mode: USB Date/time: Tue 14-12-2010, 1352 Singing Man, fair signal, noisy. Dead air spaces and background talking. Contr: (TW3)
5637.0	V21	Mode: USB Date/time: Thu 16-12-2010, 1407 Singing man, good signal. Usual dead air spaces and background chatter. Heard ca Contr: (TW3)
5637.0	V21	Mode: USB Date/time: Mon 20-12-2010, 1355 Singing man. Poor, weak signal, Came up for about 3 0seconds Contr: (TW3)
5637.0	V21	Mode: USB Date/time: Tue 21-12-2010, 1354 Poor to weak, noisy signal, singing man. Contr: (TW3)
5637.0	V21	Mode: USB Date/time: Wed 22-12-2010, 1400 Nice clear good signal. Singing man, usual dead air spaces and background talkin Contr: (TW3)
5688.0	V21	Mode: USB Date/time: Thu 9-12-2010, 1421 Fair signal, YL reading, usual background hum. Contr: (TW3)
5734	E07	Mode: AM Date/time: Tue 14-12-2010, 0820 278 0 Contr: (HFD)
5735	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27- RRR37: Russian Gov/Intel Contr: (PPA)
5738	M12	Mode: CW Date/time: Wed 1-12-2010, 0520 UTC 678 0 Contr: (HFD)
5738	M12	Mode: CW Date/time: Mon 13-12-2010, 0520 UTC 678 1 Contr: (HFD)
5751	M42	Mode: CW + Baudot 50/500 Date/time: 22-12- SN7D: Russian Gov/Intel wkg G50P "QSA4 QLO3 QSY 40473" 5FG Contr: (PPA)
5752	M21	Mode: CW Date/time: 29-11-2010, 1445 UTC PVO - Russian Air Defense Contr: (norave)
5752	M21	Mode: CW Date/time: 12-12-2010, 1535 UTC PVO - Russian Air Defense Contr: (norave)
5767	XPA	Mode: AM Date/time: Tue 28-12-2010, 1400 msg Contr: (HFD)
5770	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27- Russian Gov/Intel Contr: (PPA)
5787	S06	Mode: CW Date/time: Sat 4-12-2010, 1605 UTC 864 0 Contr: (HFD)
5792.0	E06	Mode: AM Date/time: Sun 5-12-2010, 0132 UTC recording here: http://www.paranormalium.pl/download/stacje_nu_meryczne/ (file wi Contr: (IP-SE)
5796	E06	Mode: AM Date/time: 11-12-2010, 0127 UTC 759 684 31 5FGs 684 31 00000 Contr: (N0SYA)
5798.0	E06	Mode: AM Date/time: Sat 25-12-2010, 0132 UTC good reception, the same frequency as last Sunday Contr: (IP-SE)
5798.0	E06	Mode: AM Date/time: Sun 26-12-2010, 0130 Recording: http://www.paranormalium.pl/download/stacje_nu_meryczne/5798%20kHz%20E Contr: (IP-IT)
5800.0	M08a	Mode: MCW Date/time: Sat 4-12-2010, 0600

5f cut nums: 88162 64261 75562 VG sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Sun 5-12-2010, 0600 UTC
5f cut nums: 53441 70601 23382 VG sig. Did not get lead-off ID. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Tue 7-12-2010, 0600 UTC
5f cut nums: 56652 10361 21542 VG sig. Contr: (westli)

5800.0 M08a Mode: CW Date/time: Thu 9-12-2010, 0006 UTC
Started late, short preamble; SK01 Tx at 06:34, 06:39, 06:44, 06:48 Contr: (KCA)

5800.0 M08a Mode: CW Date/time: Fri 10-12-2010, 0006 UTC
In progress Contr: (KCA)

5800.0 M08a Mode: MCW Date/time: Sat 11-12-2010, 0600
5f cut nums: 73341 36271 33452 Good sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Sun 12-12-2010, 0600
5f cut nums: 75351 86762 27871 Good sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Mon 13-12-2010, 0600
5f cut nums: 31232 14081 72022 VG sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Thu 16-12-2010, 0600
5f cut nums: 35301 08681 87001 VG sig. Contr: (westli)

5800.0 M08a Mode: AM Date/time: Thu 16-12-2010, 0613
Starting 2nd set. Contr: (MT2)

5800.0 M08a Mode: CW Date/time: Fri 17-12-2010, 0613 UTC
In progress Contr: (AnNYC)

5800.0 M08a Mode: MCW Date/time: Sat 18-12-2010, 0600
80561 32651 56303. Xmsn begin 055945. MH. RST578. Contr: (BKS)

5800.0 M08a Mode: MCW Date/time: Sat 18-12-2010, 0600
5f cut nums: 87561 32651 58403 VG sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Sun 19-12-2010, 0600
5f cut nums: 53262 13302 13102 Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Sun 19-12-2010, 0600
53262 13302 12102, headers 53?62 5?????. RS24. Contr: (BKS)

5800.0 M08a Mode: CW Date/time: Sun 19-12-2010, 0605
In progress; Severe QRM+QRN Contr: (AnNYC)

5800.0 M08a Mode: MCW Date/time: Mon 20-12-2010, 0600
5f cut nums: 37422 36002 52271 Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Tue 21-12-2010, 0600
5f cut nums: 56521 55842 28671 Good sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Wed 22-12-2010, 0600
..... 17211 Good S6 sig with heavy fade. MC CIP. Date possibly inaccurate. Contr: (BKS)

5800.0 M08a Mode: MCW Date/time: Thu 23-12-2010, 0600
5f cut nums: 44151 56462 25301 Good sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Sat 25-12-2010, 0600
5f cut nums: VG sig. Up late IP. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Sun 26-12-2010, 0600

5f cut nums: 45771 50271 74811 VG sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Mon 27-12-2010, 0600
5f cut nums: 75712 47581 87252 VG sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Tue 28-12-2010, 0600
5f cut nums: 31862 47731 72211 Good sig. Contr: (westli)

5800.0 M08a Mode: MCW Date/time: Thu 30-12-2010, 0600
5f cut nums: 71672 18451 22341 VG sig. Contr: (westli)

5800.0 SK01 Mode: RDFT Date/time: Wed 8-12-2010, 0007
In progress, `Clockwork` (Tx every five minutes exactly) Contr: (KCA)

5800.0 V02a Mode: AM Date/time: Sun 5-12-2010, 0007 UTC
In progress _____ 23481; Headers _____
_____, _____, 17*** 0082* Contr: (KCA)

5800.0 V02a Mode: AM Date/time: Fri 31-12-2010, 0700 UTC
Open carrier since at least 0647. 0700 started: "Attencion 83142 32251." Off. Contr: (MT2)

5808 M12 Mode: CW Date/time: Mon 13-12-2010, 0620 UTC
588 0 Contr: (HFD)

5810 M01 Mode: CW Date/time: Sat 4-12-2010, 1500 UTC
197 Contr: (HFD)

5810.0 M08a Mode: MCW Date/time: Thu 9-12-2010, 0600 UTC
5f cut nums: 42621 75252 74222 VG sig. Contr: (westli)

5810.0 M08a Mode: MCW Date/time: Sun 12-12-2010, 0600
TFC weak Contr: (BS3)

5820.0 E10 Mode: USB Date/time: Fri 3-12-2010, 1934 UTC
YHF2. Weak, QSB3 QRM2. Contr: (SWL1409)

5830 G06 Mode: AM Date/time: Sat 18-12-2010, 2030 UTC
364 0 Contr: (HFD)

5836 E07 Mode: AM Date/time: Wed 1-12-2010, 1837 UTC
989 2 Contr: (HFD)

5836 E07 Mode: AM Date/time: Sun 5-12-2010, 1831 UTC
989 0 Contr: (HFD)

5843 M12 Mode: CW Date/time: Tue 7-12-2010, 0520 UTC
408 1 Contr: (HFD)

5843 M12 Mode: CW Date/time: Thu 9-12-2010, 0440 UTC
408 1 Contr: (HFD)

5864 E07a Mode: AM Date/time: Wed 22-12-2010, 2100 UTC
815 0 Contr: (HFD)

5864 XPA Mode: AM Date/time: Tue 7-12-2010, 1940 UTC
msg Contr: (HFD)

5865 X06 Mode: AM Date/time: 9-12-2010, 1840 UTC
Mazielka. Sequence: 154632 Contr: (MUK)

5867 XPA Mode: AM Date/time: Tue 30-11-2010, 1400
msg Contr: (HFD)

5873 M21 Mode: CW Date/time: 12-12-2010, 1537 UTC
PVO - Russian Air Defense Contr: (norave)

5883.0 M08a Mode: CW Date/time: Fri 17-12-2010, 0659 UTC
Contr: (AnNYC)

5883.0 M08a Mode: MCW Date/time: Fri 17-12-2010, 0700 UTC
5f cut nums: 55632 35471 31041 VG sig.
Expected V2a. Contr: (westli)

5883.0 M08a Mode: CW Date/time: Fri 17-12-2010, 0759 UTC

Shifted to 5898KHz at 081834Z Contr: (AnNYC)

5883.0 M08a Mode: AM Date/time: Fri 17-12-2010, 0813 UTC
In progress. Abruptly off at 0819, mid set & carrier
dropped immediately. Contr: (MT2)

5883.0 V02a Mode: AM Date/time: Fri 3-12-2010, 0007 UTC
In progress _____ 54602; Headers _____
_____, _____, 36585 44821; Fo Contr:
(KCA)

5883.0 V02a Mode: AM Date/time: Sat 4-12-2010, 0007 UTC
atencion 74801, 68741, 47312 Contr: (KCA)

5883.0 V02a Mode: AM Date/time: Sat 4-12-2010, 0700 UTC
in progress S6//S9 Contr: (Jim N)

5883.0 V02a Mode: AM Date/time: Fri 10-12-2010, 0006 UTC
atencion 24121 53101 83242; Headers 78968
03445, 9829* 82206, 62337 91231; Contr: (KCA)

5883.0 V02a Mode: AM Date/time: Fri 10-12-2010, 0700 UTC
SSYL atencion: 24121 53101 83242 Good sig.
Contr: (westli)

5883.0 V02a Mode: AM Date/time: Sat 11-12-2010, 0700 UTC
SSYL atencion: 12372 10672 62632 Contr:
(westli)

5883.0 V02a Mode: AM Date/time: Sun 12-12-2010, 0700
SSYL atencion: 62082 72241 87542 Contr:
(westli)

5883.0 V02a Mode: AM Date/time: Sun 12-12-2010, 0700
62082 72241 87542 Contr: (BS3)

5883.0 V02a Mode: AM Date/time: Sun 12-12-2010, 0700
atencion 62082 72241 87542; Headers 67068
01251, 67631 18024, 64707 50650; Form Contr:
(AnNYC)

5883.0 V02a Mode: AM Date/time: Tue 14-12-2010, 0700
SSYL atencion: 82671 42531 84602 Contr:
(westli)

5883.0 V02a Mode: AM Date/time: Thu 16-12-2010, 0700
SSYL atencion: 65121 47512 67181 Good sig.
Contr: (westli)

5883.0 V02a Mode: AM Date/time: Sat 18-12-2010, 0700 UTC
Atencion 83321 78552 56622. RST 599. Very
clear. Contr: (BKS)

5883.0 V02a Mode: AM Date/time: Sat 18-12-2010, 0700 UTC
SSYL atencion: 83321 78552 56622 Good sig.
Contr: (westli)

5883.0 V02a Mode: AM Date/time: Sun 19-12-2010, 0659
atencion 36381 50191(?) 48861; Severe
QRM+QRN Contr: (AnNYC)

5883.0 V02a Mode: AM Date/time: Sun 19-12-2010, 0700
Atencion 36381 50161 48861. ID 2 "6"
questionable, may be 8. RS45. Contr: (BKS)

5883.0 V02a Mode: AM Date/time: Sun 19-12-2010, 0700
SSYL atencion: 36381 50161 48861 Weak sig.
Contr: (westli)

5883.0 V02a Mode: AM Date/time: Mon 20-12-2010, 0700 UTC
SSYL atencion: 77771 12881 47271 Good sig.
Contr: (westli)

5883.0 V02a Mode: AM Date/time: Tue 21-12-2010, 0700
SSYL atencion: 11261 81012 24442 Good sig.
Contr: (westli)

5883.0	V02a	Mode: AM Date/time: Thu 23-12-2010, 0700 SSYL atencion: 86482 70871 06822 Weak sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 23-12-2010, 0700 Dead air as of 713z. Strong, wildly fluctuating S6 signal. Contr: (BKS)
5883.0	V02a	Mode: AM Date/time: Fri 31-12-2010, 0701 UTC Started with 3rd set - which left off from 5800 a moment before. Call up: Atten Contr: (MT2)
5888	M12	Mode: CW Date/time: Tue 7-12-2010, 0510 UTC 897 0 Contr: (HFD)
5889	M51	Mode: CW Date/time: 2-12-2010, 0810 UTC FAV22 Contr: (BCI)
5893.0	M08a	Mode: AM Date/time: Fri 17-12-2010, 0825 UTC In progress. Abruptly off at 0834 w/ carrier on 0851. Contr: (MT2)
5898	V02a	Mode: AM Date/time: 3-12-2010, 0800 UTC DGI Cuba. Lady reading five letter groups. Contr: (EW)
5898.0	M08a	Mode: MCW Date/time: Sat 4-12-2010, 0500 88162 64261 75562 Good sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 7-12-2010, 0500 UTC 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: CW Date/time: Thu 9-12-2010, 0005 UTC In progress; SK01 Tx at 05:35, 05:39, 05:44, 05:49 Contr: (KCA)
5898.0	M08a	Mode: MCW Date/time: Thu 9-12-2010, 0500 UTC 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 11-12-2010, 0500 5f cut nums: Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sun 12-12-2010, 0500 5f cut nums: 75351 86762 27871 Good sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 13-12-2010, 0500 5f cut nums: VG sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 14-12-2010, 0500 5f cut nums: Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 16-12-2010, 0500 5f cut nums: 35301 08681 87001 VG sig. Contr: (westli)
5898.0	M08a	Mode: CW Date/time: Fri 17-12-2010, 0819 UTC Continuation of M08a (2010-12- 17T07:59:46Z/T08:18:59Z on 5883KHz) Contr: (AnNYC)
5898.0	M08a	Mode: MCW Date/time: Sat 18-12-2010, 0500 45021 53821. RST578. UL MC MH. SK01 0535, 0540, 0545, 0550. Contr: (BKS)
5898.0	M08a	Mode: MCW Date/time: Sat 18-12-2010, 0500 5f cut nums: Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 20-12-2010, 0500 5f cut nums: 37422 36002 52271 Weak sig.

		Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 21-12-2010, 0500 5f cut nums: 42441 14051 Good sig. Up late IP. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Fri 24-12-2010, 0500 UTC 17742 14841 Good S5 sig. QRM2 5900. MC CIP 0510 Contr: (BKS)
5898.0	SK01	Mode: RDFT Date/time: Tue 14-12-2010, 0659 Tx at 065953Z-070033Z, then `Clockwork` Txs at 070449Z, 070949Z, 071449Z, 071949 Contr: (AnNYC)
5898.0	SK01	Mode: RDFT Date/time: Sat 18-12-2010, 0545 38367263.txt, 1024 bytes. Directly after M8a. Contr: (BKS)
5898.0	SK01	Mode: RDFT Date/time: Sun 19-12-2010, 0500 8 xmsns total, first at 050442. RST369. No decode. Audio quiet. QRN lightn Contr: (BKS)
5898.0	V02a	Mode: AM Date/time: Fri 3-12-2010, 0007 UTC atencion 47181 28151 54602; Headers 31307 815**, 2883* 74801, 36585 44821; Contr: (KCA)
5898.0	V02a	Mode: AM Date/time: Sun 5-12-2010, 0008 UTC atencion 25721 28762 23481 Contr: (KCA)
5898.0	V02a	Mode: AM Date/time: Thu 9-12-2010, 0007 UTC atencion 05321 15801 43281, Headers 16864 81010, 06004 80566, 89374 03345; Contr: (KCA)
5898.0	V02a	Mode: AM Date/time: Fri 10-12-2010, 0800 UTC SSYL atencion: 24121 53101 83242 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 12-12-2010, 0800 Started late: _____ 38361; Headers _____ _____, _____, 34358 65815; Contr: _____ (AnNYC)
5898.0	V02a	Mode: AM Date/time: Thu 16-12-2010, 0800 SSYL atencion: 65121 47512 67181 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 18-12-2010, 0800 UTC SSYL atencion: 83321 78552 56622 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 19-12-2010, 0800 atencion 3638* *0*** *6*61; Severe QRM+QRN Contr: (AnNYC)
5898.0	V02a	Mode: AM Date/time: Sun 19-12-2010, 0800 SSYL atencion: 36381 50161 48861 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 20-12-2010, 0800 UTC SSYL atencion: 77771 12881 47271 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 21-12-2010, 0800 SSYL atencion: 11261 81012 24442 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 23-12-2010, 0800 SSYL atencion: 86482 70871 06822 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 28-12-2010, 0800 SSYL atencion: 83431 41082 64202 Good sig. Contr: (westli)
5900	M08a	Mode: CW Date/time: 9-12-2010, 0230 UTC

		in progress Contr: (Dan2)
5930.0	SK01	Mode: RDFT Date/time: Sat 11-12-2010, 0930 M08a31989821.txt 364 bytes Contr: (BS3)
5941	M01b	Mode: CW Date/time: 23-12-2010, 1605 UTC 159 373 30 == ... Contr: (FN)
5947.0	SK01	Mode: RDFT Date/time: Sat 11-12-2010, 0900 M08ano decode Contr: (BS3)
6250.0	XSL	Mode: USB Date/time: Wed 8-12-2010, 1300 UTC S4 or S5, good signal when not covered by a stronger digital signal Contr: (ZW)
6379	M22	Mode: CW Date/time: 17-12-2010, 1944 UTC 4XZ Israeli Navy Contr: (norave)
6379	M22	Mode: CW Date/time: 19-12-2010, 1735 UTC 4XZ - Israeli Navy haifa. "= VVV de 4xz 4xz =" Contr: (BvR)
6379	M22	Mode: CW Date/time: 22-12-2010, 1846 UTC 4XZ: Israel navy Haifa = VVV DE 4XZ = Contr: (BvR)
6417.0	XSL	Mode: USB Date/time: Wed 8-12-2010, 1300 UTC S2, weaker on this freq Contr: (ZW)
6430.5	MX	Mode: CW Date/time: 21-11-2010, 2208 UTC Beacon "V" Khiva Contr: (MPJ)
6433	G11	Mode: USB Date/time: Tue 28-12-2010, 1755 270/00 Contr: (HFD)
6445.0	XSL	Mode: USB Date/time: Wed 8-12-2010, 1300 UTC S7 here, strongest frequency Contr: (ZW)
6480	G11	Mode: USB Date/time: 9-12-2010, 0940 UTC YL/GG 272/32 into 2x5FGs after "Achtung", then repeat the Contr: (ALF)
6600	M42	Mode: RUS-ARQ 100/1000 Date/time: 8-12- Russian Gov/Intel. Contr: (BCI)
6668.0	S06s	Mode: USB Date/time: Mon 20-12-2010, 1610 ID:176. Strong, QRM2 QSB2. Carrier started at 1606z, then test "176". Contr: (SWL1409)
6668.0	S06s	Mode: USB Date/time: Mon 20-12-2010, 1610 ID:176. Good, carrier started at 1606z. Contr: (SWL1409)
6768.0	SK01	Mode: RDFT Date/time: Thu 9-12-2010, 1600 M08a61488675.txt Contr: (BS3)
6768.0	SK01	Mode: RDFT Date/time: Fri 10-12-2010, 1600 M08a61488675.txt Contr: (BS3)
6768.0	SK01	Mode: RDFT Date/time: Mon 13-12-2010, 1600 M08a61488675.txt 1024 bytes Contr: (BS3)
6778	E07	Mode: AM Date/time: Wed 1-12-2010, 2020 UTC 472 1 Contr: (HFD)
6779	M51	Mode: CW Date/time: 3-12-2010, 1026 UTC NR 18 D 13 11:38:10 1982 BT VRVYZ FFGGT KWHBQ TBHRTK TOVJG Contr: (BCI)
6779	S06	Mode: AM Date/time: 14-12-2010, 1137 UTC OM/RR "808 808 808 44468 44468" Contr: (ALF)
6785.0	M08a	Mode: CW Date/time: Fri 3-12-2010, 1900 UTC ID xxxxxx 50841 58342 (in progress, missed callup) Contr: (Jon-FL)
6792	E06	Mode: AM Date/time: 5-12-2010, 1818 UTC Male voice repeating: 573 26 followed by 5FGs. Ends with 0 Contr: (KK2)
6795	M42	Mode: Baudot 50/500 Date/time: 2-12-2010,

6795	M42	RXZ32: Russian Gov/Intel. Contr: (TJ) Mode: Baudot 50/500 Date/time: 9-12-2010,
6795	M42	RXZ32: Russian Gov/Intel. Contr: (TJ) Mode: Baudot 50/500 Date/time: 20-12-2010, RXZ32: Russian Gov/Intel, Sankt Petersburg. Idling Contr: (PPA)
6795	M42	Mode: F1B 50/500 Date/time: 27-12-2010, 1055 RXZ32: Russian Gov/Intel, St.Petersburg Contr: (TJ)
6812	M42	Mode: CW / Baudot 50/500 Date/time: 6-12- Russian Gov/Intel. 3LSG wkg XN60. OP-chat "QSA NO QSY 1265 Contr: (ALF)
6830	M42	Mode: RUS-ARQ 100/500 Date/time: 27-12- Russian Gov/Intel Obninsk/Moscow Contr: (PPA)
6838	M12	Mode: CW Date/time: Mon 13-12-2010, 0540 UTC 678 1 Contr: (HFD)
6838	M12	Mode: CW Date/time: 29-12-2010, 1541 UTC 678 678 678 1" into 1x5FGs after "400 59 400 59". Contr: (ALF)
6840	M89	Mode: CW Date/time: 2-12-2010, 2020 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (/4860) (Thu) Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 8-12-2010, 1820 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 9-12-2010, 2020 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 13-12-2010, 1420 UTC VVV Q2M Q2M Q2M DE NYZ NYZ (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 15-12-2010, 2220 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 22-12-2010, 2320 UTC VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840.0	E10	Mode: USB Date/time: Wed 1-12-2010, 0100 UTC Callsign EZI 35 alpha groups (long) RS 3 x4 with active jamming on freq Contr: (Ewok-IT)
6840.0	E10	Mode: USB Date/time: Wed 1-12-2010, 1440 UTC Underway. Strong utility QRM Contr: (CU)
6840.0	E10	Mode: AM Date/time: Sat 4-12-2010, 0300 UTC Callsign EZI-2 Five min call with no message sent RS 4X3 Contr: (Ewok-IT)
6840.0	E10	Mode: AM Date/time: Sat 4-12-2010, 2038 UTC EZI. GRP22 WLPRM. Strong, QSB2. Start : N/A, repeat at 2039z, end at 2041z. Contr: (SWL1409)
6840.0	E10	Mode: AM Date/time: Thu 9-12-2010, 1804 UTC EZI caught in progress. Weak. GRP13 BJKXC Contr: (SWL1409)
6840.0	E10	Mode: AM Date/time: Fri 10-12-2010, 0100 UTC Echo Zulu India Contr: (IP-SE)
6840.0	E10	Mode: AM Date/time: Mon 13-12-2010, 2134 UTC ECHO ZULU INDIA, very weak reception, short message, hardly audible Contr: (IP-IT)
6840.0	E10	Mode: USB Date/time: Sun 26-12-2010, 1803

EZI. Fair - GRP70 1st group inaudible. Contr: (SWL1409)

6854.0 M08a Mode: CW Date/time: Wed 8-12-2010, 2310 UTC
Very strong, in progress. Contr: (TW3)

6880 S06s Mode: AM Date/time: 22-12-2010, 0820 UTC
471 869 5 20352 Contr: (FN)

6904 M12 Mode: CW Date/time: 27-12-2010, 2040 UTC
257 257 257 1" into 5FGs after "3311 77 3311 77". Contr: (ALF)

6933.0 v02a Mode: LSB Date/time: Fri 3-12-2010, 0100 UTC
(xxxxxx xxxxxx xxxxxx) In progress, joined very late.
Contr: (Jon-FL)

6935 M42 Mode: Baudot 50/500 Date/time: 13-12-2010,
RDH64: Russian Gov/Intel. Contr: (TJ)

6952 M12 Mode: CW Date/time: Tue 7-12-2010, 0530 UTC
897 0 Contr: (HFD)

6952 M12 Mode: CW Date/time: Thu 16-12-2010, 0530
897 0 Contr: (HFD)

6969.5 M42 Mode: Baudot 150/2000 Date/time: 9-12-2010,
Russian Gov/Intel. Contr: (TJ)

6982 E07 Mode: AM Date/time: Wed 1-12-2010, 1800 UTC
989 2-921/57=8094 Contr: (HFD)

6982 E07 Mode: AM Date/time: Sun 5-12-2010, 1800 UTC
989 2-921/57=8094 Contr: (HFD)

6982.0 E07 Mode: AM Date/time: Sun 26-12-2010, 1800
Fair. QRN4 QRM3. ID:989 Contr: (SWL1409)

6988 M32 Mode: CW Date/time: 13-10-2010, 1350 UTC
ARCV: Russian Military in traffic to JH4Z on 7969
kHz: "AR Contr: (MPJ)

6988 M32 Mode: CW Date/time: 12-12-2010, 1324 UTC
QAS8: Russian tactical net. Outstation QAS8
calling NCS JH Contr: (TJ)

7038.4 MX Mode: CW Date/time: 9-12-2010, 1400 UTC
Beacon ôMö û Magadan Contr: (AB)

7038.7 MX Mode: CW Date/time: 9-12-2010, 2100 UTC
Beacon ôDö - Sevastopol Contr: (AB)

7038.8 MX Mode: CW Date/time: 9-12-2010, 2100 UTC
Beacon ôPö - Kaliningrad Contr: (AB)

7038.9 MX Mode: CW Date/time: 9-12-2010, 2100 UTC
Beacon ôSö - Sevoromorsk Contr: (AB)

7039 MX Mode: CW Date/time: 9-12-2010, 2100 UTC
Beacon ôCö - Moscow Contr: (AB)

7039.1 MX Mode: CW Date/time: 9-12-2010, 2100 UTC
Beacon ôÄö - Astrakhan Contr: (AB)

7039.2 MX Mode: CW Date/time: 9-12-2010, 1400 UTC
Beacon ôFö - Vladivostok Contr: (AB)

7039.3 MX Mode: CW Date/time: 9-12-2010, 1400 UTC
Beacon ôKö û Petropavlovsk Kamchatskiy Contr:
(AB)

7335 S06s Mode: AM Date/time: 22-12-2010, 0830 UTC
745 421 6 84921 Contr: (FN)

7436.0 S06s Mode: USB Date/time: Mon 20-12-2010, 1600
ID:176. Fair, BC QRM5, QRN2. Contr: (SWL1409)

7478 E07 Mode: AM Date/time: Wed 1-12-2010, 2000 UTC
472 1-895/47=0853 Contr: (HFD)

7480 M42 Mode: Baudot 2,5 stb/50/500E Date/time: 27-
RWV74: Russian Gov/Intel near Smolensk Contr:

(PPA)

7504	S11a	Mode: USB Date/time: Tue 28-12-2010, 0915 484/00 Contr: (HFD)
7504	S11a	Mode: USB Date/time: Fri 31-12-2010, 0915 484/00 Contr: (HFD)
7519.0	M08a	Mode: CW Date/time: Fri 3-12-2010, 2200 UTC ID xxxxxx 34712 75021 (In progress, missed callup. Fast version) Contr: (Jon-FL)
7554.0	M08a	Mode: CW Date/time: Mon 13-12-2010, 2000 UTC ID xxxxxx 76301 61441 (In progress, missed callup) Contr: (Jon-FL)
7625	M42	Mode: Baudot 50/500 Date/time: 2-12-2010, RRL2: Russian Gov/Intel. Contr: (TJ)
7625	M42	Mode: F1B/100/500 Date/time: 27-12-2010, RRL2: Russian Gov/Intel Contr: (PPA)
7635	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27- Russian Gov/Intel Contr: (PPA)
7645	M42	Mode: CW & F1B 50/500 Date/time: 27-12- Russian Gov/Intel. Msg & "cfm a..." " ... ttt ttt k", then Contr: (TJ)
7649.0	XM	Mode: USB Date/time: Fri 3-12-2010, 1942 UTC Weak. Contr: (SWL1409)
7672.5	M51	Mode: CW Date/time: 30-11-2010, 0635 UTC NR 30 N 30 08:06:04 1982 BT EFYEO XIWWK TYCHA CBTTTC WBSJM Contr: (BCI)
7690	E10	Mode: AM Date/time: 17-12-2010, 2242 UTC EZI Contr: (norave)
7690	E10	Mode: AM Date/time: 21-12-2010, 1430 UTC EZI2 Contr: (HS2)
7690.0	E10	Mode: USB Date/time: Wed 1-12-2010, 1440 UTC Underway. Contr: (CU)
7739	X06	Mode: AM Date/time: 8-12-2010, 2120 UTC Mazielka. Sequence: 314265 Contr: (linkz)
7762.5	M51	Mode: CW Date/time: 30-11-2010, 0635 UTC NR 70 D 01 07:58:43 1982 BT XYHYP KSXAK WWBYN GNHII AYJUJ Contr: (BCI)
7808	M21	Mode: CW Date/time: 5-12-2010, 0430 UTC PVO. Grid tracking Contr: (AtB)
7819	M51	Mode: CW Date/time: 3-12-2010, 2154 UTC in progress Contr: (BCI)
7840	E11	Mode: USB Date/time: 21-12-2010, 0645 UTC in progress Contr: (HS2)
7840	S06s	Mode: AM Date/time: 22-12-2010, 0830 UTC 471 869 5 20352 Contr: (FN)
7850.0	XM	Mode: USB Date/time: Fri 10-12-2010, 2208 Very weak. Utility QRM2, QSB3. Contr: (SWL1409)
7858	M42	Mode: Date/time: 23-12-2010, 1150 UTC Russian Gov/Intel in trfc w/several short msgs Contr: (TJ)
7897	M51	Mode: CW Date/time: 30-11-2010, 0635 UTC //7672.5 kHz. NR 30 N 30 08:06:04 1982 BT EFYEO XIWWK TYCH Contr: (BCI)
7900	M42	Mode: F1B 50/500 Date/time: 27-12-2010, 1142 Russian Gov/Intel. Contr: (TJ)
7918.0	E10	Mode: USB Date/time: Sun 5-12-2010, 0600 Callsign ULX2 five min calling with no msg

7918.0	E10	RS4x4 intermittent Morse on freq Contr: (Ewok-IT) Mode: USB Date/time: Sat 18-12-2010, 0530 UTC Callsign YHF2 Calling only no msg Contr: (Ewok-IT)
7960	M31	Mode: CW Date/time: 30-11-2010, 1031 UTC FDI22 - French Air Force Narbonne "VVV DE FDI22" Contr: (BCI)
7969	M32	Mode: CW Date/time: 13-12-2010, 1350 UTC JH4Z: Russian Military NCS wkg ARCV on 6988 kHz. Contr: (MPJ)
7969	M32	Mode: CW Date/time: 13-12-2010, 1413 UTC JH4Z: Russian tactical NCS. "wxso wxso wxso de jh4z jh4z" Contr: (TJ)
7975	X06	Mode: AM Date/time: 1-12-2010, 1729 UTC Mazielka. Sequence: 612534 Contr: (linkz)
8009.0	M08a	Mode: CW Date/time: Wed 1-12-2010, 2300 UTC 5f cut nums: 13501 25301 74701 Very weak sig. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Thu 9-12-2010, 2200 UTC 01432 Very weak, fading signal. MC CIP Contr: (BKS)
8009.0	M08a	Mode: CW Date/time: Thu 23-12-2010, 2200 5f cut nums: 05622 00371 42432 Very weak sig. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Thu 23-12-2010, 2200 05622 00371 42432 Weak S1. Poorly modulated, also sent on 8008 with independent Contr: (BKS)
8009.0	M08a	Mode: CW Date/time: Wed 29-12-2010, 2300 UTC 5f cut nums: 57672 43411 37031 Weak sig. Contr: (westli)
8015	M22	Mode: CW Date/time: 20-12-2010, 1704 UTC PVO id 9. Contr: (BCI)
8015.13	M21	Mode: CW Date/time: 22-12-2010, 1239 UTC Russian Air Defence PVO, tracking data "=277519t1t9t532=17 Contr: (TJ)
8030	M23	Mode: CW Date/time: 15-12-2010, 2208 UTC 456 456 ... 456 456 (R10) Contr: (ALF)
8030	M42	Mode: RUS-ARQ 100/500 Date/time: 22-12- Russian Gov/Intel. Possible id RDT2 in trfc, ends bcast at Contr: (TJ)
8060	M12	Mode: CW Date/time: Fri 24-12-2010, 0700 UTC 360 1 Contr: (HFD)
8070	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27- Russian Gov/Intel Contr: (PPA)
8096.0	M08a	Mode: CW Date/time: Wed 1-12-2010, 1400 UTC 5f cut nums: 45031 61611 41371 Very weak sig. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Wed 8-12-2010, 1400 UTC 5f cut nums: 18151 Very weak sig. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Fri 10-12-2010, 1400 UTC 5f cut nums: 82532 .5752 84451 Weak sig. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Wed 15-12-2010, 1400 UTC 5f cut nums: 22522 15132 62111 Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Fri 17-12-2010, 1400 UTC

5f cut nums: 53181 34782 ..332 Very weak sig.
 Contr: (westli)

8096.0 M08a Mode: CW Date/time: Mon 20-12-2010, 1400 UTC
 5f cut nums: 10242 30862 84652 Weak sig.
 Contr: (westli)

8096.0 M08a Mode: CW Date/time: Mon 20-12-2010, 1900 UTC
 5f cut nums: .841. 05702 156.. Very weak sig.
 Contr: (westli)

8096.0 M08a Mode: CW Date/time: Wed 22-12-2010, 1400 UTC
 5f cut nums: 70452 08711 34262 Weak sig.
 Contr: (westli)

8096.0 M08a Mode: CW Date/time: Fri 24-12-2010, 1400 UTC
 5f cut nums: 61152 00281 25482 Good sig.
 Contr: (westli)

8096.0 M08a Mode: CW Date/time: Mon 27-12-2010, 1400 UTC
 5f cut nums: 75322 00052 44612 Weak sig.
 Contr: (westli)

8096.0 M08a Mode: CW Date/time: Wed 29-12-2010, 1400 UTC
 5f cut nums: 16582 54022 46241 Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Wed 1-12-2010, 1800
 5f cut nums: Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Fri 3-12-2010, 1800 UTC
 ID 03542 25462 43742 Contr: (Jon-FL)

8097.0 M08a Mode: MCW Date/time: Fri 3-12-2010, 1900 UTC
 ID 03542 25462 43742 Contr: (Jon-FL)

8097.0 M08a Mode: MCW Date/time: Mon 13-12-2010, 1800
 ID 30882 66742 36232 Contr: (Jon-FL)

8097.0 M08a Mode: MCW Date/time: Mon 27-12-2010, 1800
 5f cut nums: 83771 11212 32441 Contr: (westli)

8097.0 M08a Mode: AM Date/time: Mon 27-12-2010, 1815 UTC
 5 letter groups finished with SK 1833z. Heavy QSB
 Contr: (UJ)

8104.75 M42 Mode: Date/time: 23-12-2010, 0901 UTC
 Russian Gov/Intel. Alternate keying on both mark
 and space Contr: (TJ)

8108.5 M42 Mode: CROWD36 Date/time: 2-12-2010, 1630
 Russian Gov/Intel. Contr: (BCI)

8133.5 M42 Mode: CROWD36 Date/time: 30-11-2010, 1709
 Russian Gov/Intel. Contr: (BCI)

8135.0 M08a Mode: CW Date/time: Fri 3-12-2010, 2300 UTC
 ID xxxxx 34712 75021 (In progress, missed callup.
 Fast version) Contr: (Jon-FL)

8135.0 M08a Mode: CW Date/time: Fri 3-12-2010, 2300 UTC
 5f cut nums: 34712 76771 51741 Weak sig.
 Contr: (westli)

8135.0 M08a Mode: CW Date/time: Tue 21-12-2010, 2300
 5f cut nums: 43801 48652 47202 Weak sig.
 Contr: (westli)

8135.0 M08a Mode: CW Date/time: Tue 21-12-2010, 2300
 Sounds faster than usual Contr: (all)

8135.0 M08a Mode: CW Date/time: Fri 24-12-2010, 2300 UTC
 5f cut nums: 32532 52182 56711 Contr: (westli)

8136 V02a Mode: AM Date/time: 24-12-2010, 0139 UTC
 Cuban Intelligence. YL/SS 5FGs. Contr: (ALF)

8147 XPA Mode: AM Date/time: Tue 7-12-2010, 0700 UTC
 msg Contr: (HFD)

8147 XPA Mode: USB Date/time: Tue 21-12-2010, 0700

Strong, +20dB. XJT QRM at 0701z Contr:
(SWL1409)

8180.0	SK01	Mode: RDFT Date/time: Tue 14-12-2010, 0900 M08ano decode weak Contr: (BS3)
8183	E07	Mode: AM Date/time: 21-11-2010, 1800 UTC 199 000 Contr: (MUK)
8186.0	M08a	Mode: MCW Date/time: Thu 16-12-2010, 1000 5f cut nums: VG sig. Caught late. Immediately followed by SK0 Contr: (westli)
8186.0	SK01	Mode: RDFT Date/time: Wed 8-12-2010, 0800 M08a62674837.txt Contr: (BS3)
8186.0	SK01	Mode: RDFT Date/time: Tue 14-12-2010, 1000 M08ano decode weak Contr: (BS3)
8186.0	V02a	Mode: AM Date/time: Mon 13-12-2010, 0800 UTC V2a up on freq / Expected SK01 Contr: (BS3)
8195	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 28- Russian Gov/Intel Contr: (PPA)
8313.0	XSL	Mode: USB Date/time: Wed 8-12-2010, 1300 UTC Only S1 or so on this freq, in and out of noise Contr: (ZW)
8493.0	MX	Mode: USB Date/time: Sat 4-12-2010, 2048 UTC Cluster beacon. "D". Weak. Contr: (SWL1409)
8494.7	MX	Mode: USB Date/time: Wed 8-12-2010, 1423 UTC "D" - Weak, datalink QRM2, QSB2 Contr: (SWL1409)
8494.7	MX	Mode: CW Date/time: 9-12-2010, 1508 UTC Beacon "D" Contr: (norave)
8494.7	MX	Mode: USB Date/time: Tue 28-12-2010, 2054 "D" Single Letter Beacon. Contr: (SWL1409)
8530	S06	Mode: AM Date/time: 21-11-2010, 1900 UTC 371 406 5 67793 34705 05248 53853 41036 406 5 00000 Contr: (MUK)
8588.0	XSL	Mode: USB Date/time: Sun 12-12-2010, 0100 Extremely weak. IP Contr: (BKS)
9040.0	V02a	Mode: AM Date/time: Wed 1-12-2010, 0900 UTC SSYL: Caught late. Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 15-12-2010, 0900 UTC SSYL atencion: 86881 04181 60662 Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 22-12-2010, 0900 UTC SSYL atencion: 31562 56742 37612 Contr: (westli)
9060	M12	Mode: CW Date/time: Fri 24-12-2010, 0720 UTC 360 1 Contr: (HFD)
9062	M08a	Mode: CW Date/time: 3-12-2010, 0817 UTC DGI Cuba. five letter groups. Contr: (EW)
9063.0	M08a	Mode: MCW Date/time: Wed 1-12-2010, 0800 5f cut nums: 43041 26782 32301 Good sig. Caught late. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 3-12-2010, 0800 UTC 83621 64312 33071 Weak sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Wed 8-12-2010, 0800 5f cut nums: 50522 11331 84072 VG sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 10-12-2010, 0800 UTC 5f cut nums: 62532 03762 68132 VG sig. Contr: (westli)

9063.0	M08a	Mode: MCW Date/time: Wed 22-12-2010, 0800 5f cut nums: 10681 17211 43161 Good sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 24-12-2010, 0800 UTC 5f cut nums: 38662 77301 21211 VG sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Wed 29-12-2010, 0800 5f cut nums: 45511 05701 43782 VG sig. Contr: (westli)
9063.0	SK01	Mode: RDFT Date/time: Mon 13-12-2010, 0900 M08ano decode weak Contr: (BS3)
9063.0	V02a	Mode: AM Date/time: Fri 17-12-2010, 0823 UTC In progress. Contr: (MT2)
9065	M42	Mode: F1B/100/500 6,75 baud Date/time: 28- RHH73: Russian Gov/Intel near Kirov Contr: (PPA)
9068.0	M51	Mode: USB Date/time: Sat 11-12-2010, 1412 UTC Strong, QSB2. Transmitting during at least a half- hour. Should be also M12. Contr: (SWL1409)
9112.0	M08a	Mode: MCW Date/time: Sun 5-12-2010, 1000 UTC 5f cut nums: 52361 37851 21572 Good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 12-12-2010, 1000 52182 07711 16612 Contr: (BS3)
9112.0	M08a	Mode: MCW Date/time: Sun 12-12-2010, 1000 5f cut nums: 52182 07711 16612 Very weak sig. Gets strong after msgs start Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 19-12-2010, 1000 5f cut nums: 63632 20182 61302 Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 20-12-2010, 1000 5f cut nums: 00382 73031 16381 VG sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 27-12-2010, 1000 5f cut nums: 26682 43261 01842 Contr: (westli)
9115.5	M42	Mode: CROWD36 Date/time: 9-12-2010, 1620 Russian Gov/Intel. Contr: (BCI)
9135	S06s	Mode: AM Date/time: 21-12-2010, 0810 UTC 352 489 6 54146 66941 40521 88695 78126 65351 489 6 00000 Contr: (HS2)
9140	M42	Mode: CIS14 DFSK 100/500/2ch Date/time: 20- 12-2010, 0730 UTC Russian Gov/Intel. Contr: (TJ)
9140	M42	Mode: F1B/100/500 Date/time: 28-12-2010, Russian Gov/Intel Contr: (PPA)
9147	M42	Mode: Baudot 200/500 Date/time: 8-12-2010, Russian Gov/Intel. "00000++++++162)5761 00000++++++2+ Contr: (BCI)
9153	V26	Mode: USB Date/time: 1-12-2010, 1000 UTC Msg Contr: (rusl)
9153	V26	Mode: USB Date/time: 7-12-2010, 1000 UTC low signal Contr: (rusl)
9153	V26	Mode: USB Date/time: 8-12-2010, 1000 UTC low signal Contr: (rusl)
9153	V26	Mode: USB Date/time: 12-12-2010, 0945 UTC very good signal s9 much loader and very clear than has be Contr: (Rusl)
9153	V26	Mode: USB Date/time: 13-12-2010, 1000 UTC in progress Contr: (Rusl)

9153.0	M08a	Mode: MCW Date/time: Wed 1-12-2010, 0700 Started at 0702z, good signal Contr: (K5KNT)
9153.0	M08a	Mode: MCW Date/time: Wed 1-12-2010, 0700 5f cut nums: Good sig. Up early, caught late. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 3-12-2010, 0700 UTC 83621 64312 33071 Good sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 8-12-2010, 0700 5f cut nums: 50522 11331 84072 VG sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 10-12-2010, 0700 UTC 5f cut nums: 62532 03762 68132 Good Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 24-12-2010, 0700 UTC 5f cut nums: VG sig. Up late IP. Contr: (westli)
9153.0	V02a	Mode: AM Date/time: Fri 17-12-2010, 0700 UTC SSYL atencion: 31721 26741 87352 Expected M8a. Contr: (westli)
9153.0	V26	Mode: USB Date/time: Wed 15-12-2010, 1000 CCYL. Chinese, mostly 3-fig groups. Very weak. Poor readability. Contr: (westli)
9160	M42	Mode: RUS-ARQ 100/500 Date/time: 20-12- RCF45: Russian Gov/Intel. Contr: (TJ)
9185	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 28- Russian Gov/Intel Moscow Contr: (PPA)
9202	E10	Mode: AM Date/time: 21-12-2010, 1200 UTC YHF2 //10648 Contr: (HS2)
9202.0	E10	Mode: USB Date/time: Sat 4-12-2010, 0530 UTC Callsign YHF-2 calling five min with no msg sig varies Contr: (Ewok-IT)
9202.0	E10	Mode: USB Date/time: Sun 12-12-2010, 0530 YHF2 callsign only no msg sent Contr: (Ewok-IT)
9202.0	E10	Mode: USB Date/time: Wed 29-12-2010, 0536 No Callsign caught (transmission ongoing) Contr: (Ewok-IT)
9240	M42	Mode: CIS14 DFSK 100/500/2ch Date/time: 20- 12-2010, 0750 UTC RVO77: Russian Gov/Intel. Contr: (TJ)
9240	M42	Mode: F1B/100/500 Date/time: 28-12-2010, Russian Gov/Intel Contr: (PPA)
9240.5	M42	Mode: CROWD36 Date/time: 2-12-2010, 1726 Russian Gov/Intel. Contr: (BCI)
9260	S06s	Mode: AM Date/time: 22-12-2010, 0840 UTC 328 467 5 36505 Contr: (FN)
9360	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 25- Russian Gov/Intel Contr: (PPA)
9380	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27- Russian Gov/Intel Contr: (PPA)
9450	E25	Mode: USB Date/time: 13-12-2010, 1316 UTC 785 8 Contr: (HS2)
9450.0	E25	Mode: AM Date/time: Mon 27-12-2010, 1215 UTC "8304" was audible for 2 minutes. RS=32 Contr: (PanDR)
10130	M42	Mode: Baudot 50/500 Date/time: 20-11-2010, Russian Gov/Intel. Contr: (TJ)
10130	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27-

10147	XPA	Russian Gov/Intel St.Petersburg Contr: (PPA) Mode: AM Date/time: Tue 7-12-2010, 0720 UTC msg Contr: (HFD)
10160	M12	Mode: CW Date/time: Fri 24-12-2010, 0740 UTC 360 1 Contr: (HFD)
10192.5	M42	Mode: CROWD-36 Date/time: 20-12-2010, 1650 Russian Gov/Intel. Contr: (BCI)
10210	M42	Mode: CW-FSK Date/time: 29-11-2010, 0649 Russian Gov/Intel. "RPK RPK RPK QSY 1T726 QSY 1T726", "RPK Contr: (BCI)
10310	M42	Mode: Baudot 50/500 Date/time: 20-11-2010, RKA76: Russian Gov/Intel, Moscow area. Contr: (TJ)
10310	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 28- RKA76: Russian Gov/Intel Minsk Contr: (PPA)
10380	M42	Mode: F1B/100/500 Date/time: 27-12-2010, Russian Gov/Intel Contr: (PPA)
10432.0	M08a	Mode: MCW Date/time: Fri 3-12-2010, 0900 UTC 5f cut nums: Good sig. Up late IP. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 12-12-2010, 0900 5f cut nums: 52182 07711 16612 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 12-12-2010, 0900 52182 07711 16612 Contr: (BS3)
10432.0	M08a	Mode: MCW Date/time: Fri 17-12-2010, 0900 UTC 5f cut nums: 87882 13682 48661 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 19-12-2010, 0900 5f cut nums: 63632 20182 61302 Weak sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 20-12-2010, 0900 5f cut nums: 00382 73031 16381 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 27-12-2010, 0900 5f cut nums: 26682 43261 01842 VG sig. Contr: (westli)
10475	M42	Mode: F1B/100/500 Date/time: 28-12-2010, RQS: Russian Gov/Intel Samara Contr: (PPA)
10547	M31	Mode: CW Date/time: 22-12-2010, 1308 UTC FDI22: French Airforce Narbonne "VVV VVV VVV DE FDI22 FDI2 Contr: (PPA)
10648	E10	Mode: AM Date/time: 20-12-2010, 1215 UTC YHF2 Contr: (PPA)
10648	E10	Mode: AM Date/time: 21-12-2010, 1330 UTC YHF2 Contr: (HS2)
10857.0	M08a	Mode: CW Date/time: Wed 1-12-2010, 1400 UTC 5f cut nums: 80201 .7701 05201 Very weak sig. IDs questionable. Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 8-12-2010, 1400 UTC 5f cut nums: VG sig. Up late IP. Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 15-12-2010, 1400 UTC 5f cut nums: 04712 72051 45741 Good sig. Contr: (westli)
10871.0	MX	Mode: USB Date/time: Wed 8-12-2010, 1410 UTC Only "S" audible - Weak, QSB2 Contr: (SWL1409)
11415	S06s	Mode: AM Date/time: 22-12-2010, 0850 UTC 328 467 5 36505 Contr: (FN)
11435.0	SK01	Mode: RDFT Date/time: Wed 8-12-2010, 0600

		M08a25865362.txt Contr: (BS3)
11435.0	SK01	Mode: RDFT Date/time: Fri 10-12-2010, 0600 M08ano decode Contr: (BS3)
11435.0	SK01	Mode: RDFT Date/time: Sat 11-12-2010, 0600 M08a14185784.txt 1024 bytes Contr: (BS3)
11435.0	SK01	Mode: RDFT Date/time: Mon 13-12-2010, 0600 M08a14185784.txt 1024 bytes Contr: (BS3)
11500	M42	Mode: Baudot 100/500 Date/time: 21-12-2010, RDD71: Russian Gov/Intel. Crypto or idling (ACF=56 14 reve Contr: (PPA)
11500	M42	Mode: F1B/100/500 ACF=56 Date/time: 28-12- RDD71: Russian Gov/Intel Moscow Contr: (PPA)
11525	M42	Mode: CW + Baudot 50/500 Date/time: 21-12- K4MT: Russian Gov/Intel wkg NT9P "RYRYRY 011 136 21 0927 1 Contr: (PPA)
11840	S06s	Mode: AM Date/time: 22-12-2010, 0840 UTC 745 421 6 84921 Contr: (FN)
12120.0	SK01	Mode: RDFT Date/time: Mon 13-12-2010, 0500 M08ano decode QRM Contr: (BS3)
12120.0	SK01	Mode: RDFT Date/time: Tue 14-12-2010, 0500 M08ano decode QRM Contr: (BS3)
12134.0	M08a	Mode: CW Date/time: Thu 9-12-2010, 1400 UTC 5f cut nums: 77731 48101 18801 Weak sig. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 13-12-2010, 1400 UTC 5f cut nums: 57611 02162 65261 Weak sig. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 20-12-2010, 1400 UTC 5f cut nums: 20542 23411 16822 Good sig. Contr: (westli)
12147	XPA	Mode: AM Date/time: Tue 7-12-2010, 0740 UTC msg 0 Contr: (HFD)
12150	X06	Mode: AM Date/time: 1-12-2010, 0734 UTC Mazielka. Sequence: 256341 Contr: (HS2)
12165	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 28- RWD59: Russian Gov/Intel Moscow. "RYRYRYRY RUO-2 DE RWD-59 Contr: (PPA)
12180.0	M08a	Mode: CW Date/time: Tue 21-12-2010, 1900 5f cut nums: 52862 36882 58861 Very weak sig. Contr: (westli)
12180.0	M08a	Mode: MCW Date/time: Thu 30-12-2010, 1900 5f cut nums: 10532 681.. 27... Very weak sig. Contr: (westli)
12365	S06s	Mode: AM Date/time: 22-12-2010, 1000 UTC 729 458 6 76048 Contr: (FN)
12365.0	S06s	Mode: AM Date/time: Wed 22-12-2010, 1000 UTC ID:729. Very good, +20dB. Contr: (SWL1409)
12365.0	S06s	Mode: USB Date/time: Wed 29-12-2010, 1000 729 729 729 00000. Very good +20dB. Contr: (SWL1409)
12952	S06s	Mode: AM Date/time: 23-12-2010, 0900 UTC 167 980 5 11055 Contr: (FN)
13380.0	SK01	Mode: RDFT Date/time: Mon 13-12-2010, 0530 M08a14185784.txt 1024 bytes Contr: (BS3)
13380.0	SK01	Mode: RDFT Date/time: Tue 14-12-2010, 0530 M08ano decode weak Contr: (BS3)
13380.0	V02a	Mode: AM Date/time: Tue 21-12-2010, 2000

		SSYL atencion: 00002 24851 55782 Weak sig. Strong buzzing noise atop sig. Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Wed 22-12-2010, 2000 UTC Atencion 00002 24851 55782. Weak S1 sig. RS 31. Used USB for better reception. Contr: (BKS)
13380.0	V02a	Mode: AM Date/time: Thu 23-12-2010, 2000 Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Thu 23-12-2010, 2000 SSYL atencion: 28271 87.82 27842 Very weak sig. Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Tue 28-12-2010, 2000 SSYL atencion: 73532 60001 12152 Weak sig. Contr: (westli)
13380.0	V02a	Mode: LSB Date/time: Thu 30-12-2010, 2000 SSYL atencion: 26281 76012 03162 Good sig. Note mode LSB. Contr: (westli)
13490	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27- RCG77: Russian Gov/Intel Moscow Contr: (PPA)
13510	X06	Mode: AM Date/time: 7-12-2010, 1009 UTC Mazielka. Sequence: 612534 Contr: (HS2)
13533	E10	Mode: AM Date/time: 21-12-2010, 1230 UTC EZI2 Contr: (HS2)
13565	S06s	Mode: AM Date/time: 23-12-2010, 0910 UTC 167 980 5 11055 Contr: (FN)
13985	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27- Russian Gov/Intel near Krasnoyarsk Contr: (PPA)
14280	S06s	Mode: AM Date/time: 22-12-2010, 1010 UTC 729 458 6 76048 Contr: (FN)
14280.0	S06s	Mode: AM Date/time: Wed 22-12-2010, 1010 UTC ID:729. Good, +20dB. Ham QRM3, QSB2. Someone calling CQ DX on the same freq, sam Contr: (SWL1409)
14280.0	S06s	Mode: USB Date/time: Wed 29-12-2010, 1009 Good. Carrier started at 1004z, test "729" at 1005z. Transmission started at 100 Contr: (SWL1409)
14421.5	M42	Mode: CROWD-36 Date/time: 14-12-2010, 0721 Russian Gov/Intel. Contr: (BCI)
14543.5	M42	Mode: CROWD36 Date/time: 2-12-2010, 0958 Russian Gov/Intel. Contr: (BCI)
14812	X06	Mode: AM Date/time: 7-12-2010, 1010 UTC Mazielka. Sequence: 246531 Contr: (HS2)
14830	M42	Mode: Baudot 2,5 stb/50/500E Date/time: 27- Russian Gov/Intel Contr: (PPA)
14914	M51	Mode: CW Date/time: 30-11-2010, 0806 UTC NR 40 N 30 09:08:27 1982 B KELSK IGCVE YBZAW ZUTTE FPNFU Contr: (BCI)
16025	X06	Mode: AM Date/time: 1-12-2010, 1032 UTC Mazielka. Sequence: 156234 Contr: (HS2)
16066	M51	Mode: CW Date/time: 25-12-2010, 1203 UTC FAV22 French Intel Favieres 5LGs Contr: (MCO)
16070.5	M42	Mode: CROWD36 Date/time: 8-12-2010, 0703 Russian Gov/Intel. Contr: (BCI)
16073	M42	Mode: Baudot 200/500 Date/time: 2-12-2010, Russian Gov/Intel. "584768941229858141=85021 6550358903671 Contr: (BCI)
16120.5	M42	Mode: CROWD-36 Date/time: 27-12-2010, 0749

17468.5	M42	Russian Gov/Intel. Contr: (BCI) Mode: CROWD-36 Date/time: 27-12-2010, 0749 Russian Gov/Intel. Contr: (BCI)
17480.5	M42	Mode: CROWD36 Date/time: 1-12-2010, 0749 Russian Gov/Intel. Contr: (BCI)
18130	M42	Mode: RUS-ARQ 100/2000 Date/time: 29-11- Russian Gov/Intel. Contr: (BCI)
18183.4	M42	Mode: CROWD-36 Date/time: 22-12-2010, 1221 Russian Gov/Intel. Contr: (PPA)
18206	X06	Mode: AM Date/time: 7-12-2010, 0955 UTC Mazielka. Sequence: 246531 Contr: (HS2)
19343.5	M51	Mode: CW Date/time: 12-12-2010, 1355 UTC 5LGs Contr: (MCO)
19877	M51	Mode: CW Date/time: 12-12-2010, 1414 UTC 5LGs Contr: (MCO)
20047.7	MX	Mode: USB Date/time: Wed 8-12-2010, 1422 UTC "D" - Very weak. Contr: (SWL1409)
20690.5	M42	Mode: CROWD-36 Date/time: 27-12-2010, 0749 Russian Gov. Msg after "11177 80038 74036 -34 Contr: (BCI)

CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-EST	Ary Boender via UVB76 relay in Estonia
ACS	Andy Stumpf Switzerland
ALF	Alf, Germany
AnGer	Anonymous, Germany
AnNYC	Anonymous, New York City
AtB	Attu Bosch, AK, USA
BCI	Bruno Casula, Italy
Bengerri	Bengerri, Italy
BKS	Brandon Longo, CA, USA
BS3	Barry Sandefer, TN, USA
BvR	Bert van Rij, Netherlands
CU	Centrepont, UK
Dan2	Dan
EW	Eddy Waters, Australia
Ewok-IT	Ewok via Italy
FN	Fritz Nusser, Switzerland
GHUK	Gareth Higgins, UK
HFD	Hans-Friedrich Dumrese, Germany
HS2	Hans Snekvik, W. Europe
IP-IT	Ivellios Paranormali, Italy (remote)
IP-SE	Ivellios Paranormali, Sweden (remote)
Jim N	Jim N, CA, USA
Jon-FL	Jon, FL, USA
JPL-HK	JPL via GlobalTuners Hong Kong
K5KNT	K5KNT, TX, USA
KCA	KCA, NYC, NY, USA
KK2	Kristian K, Central Europe
linkz	Linkz, S.E. France
MCO	Mike Chace-Ortiz, PA, USA
MPJ	Jim, SW England
MT2	Mark Taylor, WI, USA
MUK	Mikesndbs, UK
N0SYA	Chris, IN, USA
Norave	Norave (GFD)

PanDR	PanDR48, Sweden
PPA	Peter Poelstra, Netherlands
Rec	Recette
RSRu	Radioscanner Russia
rusl	Russell, Australia
SWL1409	SWL 1409, France
TJ	Trond Jacobsen, Norway
TW3	The Web, FL, USA
UJ	UJ, MA, USA
Westli	Westli, CA, USA
Why	Whygreenberg

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

Relevant mailing lists:

- Utility DXers Forum (utility and spooks related logs).
Go to <http://groups.yahoo.com/group/udxf/> and follow the instructions.
Website: <http://www.udxf.nl/>
- Spooks (spooks related info and logs)
Go to the web interface to subscribe, fill in the form and follow the instructions that will be mailed to you.
<http://mailman.qth.net/mailman/listinfo/spooks>