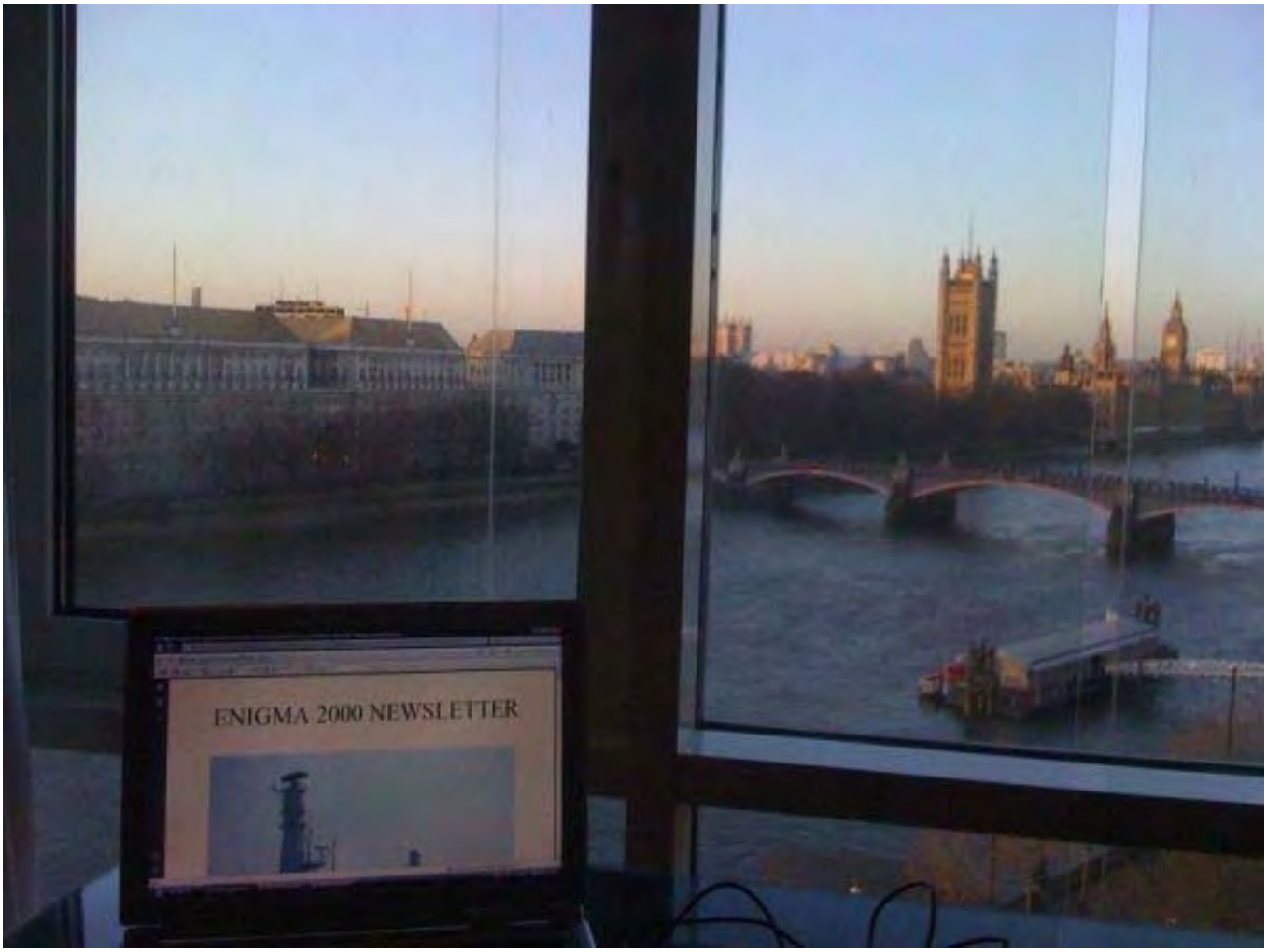
ENIGMA 2000 NEWSLETTER

http://www.enigma2000.org.uk/



A different view of Thames House, note the laptop screen

Taken from an upper floor of the nearby Riverside Park Plaza hotel on the Southside

Many thanks to member who sent image

Issue 51
MARCH 2009

http://www.ukqrm.org for your unexplained Interference issues.

THE EDITORIAL

Welcome all to Issue 51, where does the time go – it only feel like 5 mins ago we were preparing Issue 50.
It has turned out to be an interesting start to 2009 for us with a new variant E07 station identified , some exciting developments on the CW scene and again E10 keeping the 'Desk' on its toes.
Some of the E25 exchanges with Manolis on the E2k list provided interesting reading – and gave some further insight into this strange station.
It's been very nice to see some of our recently joined members getting off to an active start in the group and raising some new questions, this can only be a good thing and provide additional interest.
We appreciate that not everyone can be a regular poster owing to a plethora of reasons but currently a high percentage are 'having a go'

Enjoy, once again, our efforts

Paul & Mike L

The quick roundup

E07a, **New Designator,** is assigned effective from 01 Mar 09.
E10 still 'ops normal'for the regular calls, but a PCD3 appeared and PCD had some interesting TXs,
While ABC pops its head up (so does TMS on 01 March) – see entry
M01, improvements noted in the standard of sending for most TXs – end of term ?, but some very ragged ones and still large variations in sig strengths.
M01d, Nice rare catch from Fritz N.
M03, Fritz N catches a previouly unknown – see entry.
M07, has this come back to life, we need help nailing this down – see entry.
M12, a higher percentage of null mssg's then we would normally expect.
M14a, Peter P in Netherlands caught a previously unknown- Great Catch
M24a, we've not had one of these for a long time – nice catch from Brian.
SK01 some sked changes noted, together with up to 10 message repeats within a 'sked hour' and the secondary sked falling in another 'sked hour' (this blows a hole in the previous 5 mins apart style – Ed), we append some of Tims' thoughts to the entry

Comment
E07a. Congratulations to RNGB who caught the first TX heard in this format, on 01 Jan 09 – then went on holiday for 6 weeks, so unable to do the necessary ID confirming follow ups.
Paul immediately stepped into the breach with the 'auto-record' and confirmed the format as well as establishing a preliminary TX schedule, which are both detailed in the station entry.

E07a ECL Details:-
Null mssg format:-
Nnn nnn nnn 000 R2
Repeats 20 mins later.

Mssg format:-
3f call x3, number of mssgs (1), single **5f group.** All R2
Pause then preamble
3f ID, 2f GC all x2
mssg 5f gps
Repeats +20 +40min
Ends 000 000

Reception conditions in Europe at the beginning of January left much to be desired though thankfully there was a noticeable improvement by the 8th.

Bubble Jammers have been reported popping up all over the place, not only on E10 freqs, with quick bursts of 20 – 30 seconds, even where there is no known traffic on the affected freqs – makes one wonder if they're also being used as a "propo tool".

A little snippet
This one came our way from an ANON source, origination unknown.
We would like to credit it – if you know the source send us a note.
Parts of the content were already well known, but much was not.

Starting in 1941, an increasing number of British airmen found themselves as the involuntary guests of the Third Reich, and the crown was casting about for ways and means to facilitate their escape. Now obviously, one of the most helpful aids to that end is a useful and accurate map, one showing not only where stuff was, but also showing the locations of 'safe houses' where a POW on- the-lam could go for food and shelter.
Paper maps had some real drawbacks -- they make a lot of noise when you open and fold them, they wear out rapidly, and if they get wet, they turn into mush.
Someone in MI-5 (similar to America 's OSS) got the idea of printing escape maps on silk. It 's durable, can be scrunched-up into tiny wads, and unfolded as many times as needed, and makes no noise whatsoever.. At that time, there was only one manufacturer in Great Britain that had perfected the technology of printing on silk, and that was John Waddington, Ltd.
When approached by the government, the firm was only too happy to do its bit for the war effort.
By pure coincidence, Waddington was also the U.K. Licensee for the popular American board game, Monopoly. As it happened, 'games and pastimes' was a category of item qualified for insertion into 'CARE packages', dispatched by the International Red Cross, to prisoners of war. Under the strictest of secrecy, in a securely guarded and inaccessible old workshop on the grounds of Waddington's, a group of sworn-to-secrecy employees began mass-producing escape maps, keyed to each region of Germany or Italy where Allied POW camps were located (Red Cross packages were delivered to prisoners in accordance with that same regional system).
When processed, these maps could be folded into such tiny dots that they would actually fit inside a Monopoly playing piece. As long as they were at it, the clever workmen at Waddington's also managed to add:

1. A playing token, containing a small magnetic compass
2. A two-part metal file that could easily be screwed together
3. Useful amounts of genuine high-denomination German, Italian, and French currency, hidden within the piles of Monopoly money!

British and American air crews were advised, before taking off on their first mission, how to identify a 'rigged' Monopoly set -- by means of a tiny red dot, one cleverly rigged to look like an ordinary printing glitch, located in the corner of the Free Parking square.
Of the estimated 35,000 Allied POWS who successfully escaped, an estimated one-third were aided in their flite by the rigged Monopoly sets. Everyone who did so was sworn to secrecy indefinitely, since the British Government might want to use this highly successful ruse in still another, future war.
The story wasn't de-classified until 2007, when the surviving craftsmen from Waddington's, as well as the firm itself, were finally honoured in a public ceremony.
Anyway, it's always nice when you can play that 'Get Out of Jail Free' card.
[I notice no specific mention of "Airmen, Buttons, Maps, Compass" Ed].

GERMAN BRANCH REPORT

Report from E2K's German Branch (E2Kde) and X06 team

Hallo liebe Freunde und Kollegen der deutschen Branche und des X06 Teams von E2K (Hello dear friends and colleagues of E2K's German Branch and the X06 team)

Oh weia! That was my most inactive period since getting KopfE2Kde; only 1 (ONE) X06 log by Kopf – shame on me! Why that? Because of recorder problems and a long-going "annual review" over the cassette pairs of 2008. Anyway, this time we have 3 news from the German scene, then as usual the X06 logs section and a short outlook, which will show, that I have to increase my activity.

SIS Germany: New forum

In January this year, the new forum "Geheime Welten" (Secret worlds) started. It is availabla at
http://sigint-group.org,
http://www.geheime-welten.de and still at
http://www.sis-germany.de. So if you go via one of these 3 links, you will be there at the new platform, which contains the new numbers station forum. There you can find the numbers stations with ENIGMA classifications and soundfiles of the still active voice stations (soundfiles were sent to the admin by Kopf a few years ago). Kopf is still the board moderator of the numbers forum, and also the other staff members are the same (Mike Hoehn is still the admin of the whole platform). The members of the numbers forum are very active, so it's worth to take a look at it, register and discuss with us. So far the contributions are usually in German, but in the near future we want to bring them also in English to make the discussions also available for non-German speaking people, as it was usual in the old forum too.

Publicity: Presentation about numbers stations planned

MarcoE2Kde, a young pupil from Gelsenkirchen/Northwestern Germany – E2K(de) member since January, better known as "Anonmarkus" – plans a presentation about numbers stations in an English lesson in his school, a gymnasium in his home town. He contacted me about it and got my support. Of course, he will mention E2K and its work with the numbers stations. If this presentation will be happened and if he will have the results, he will inform me, and I will do the same to all of you in one of my next reports. Good luck, Marco, it's a great work you plan to do!

MfS Stimme (voice)

Mr. Joerg Drobick in Hausen/Germany, a member of the NVA forum, discussing the activities of the National "Volksarmee" of the former German Democratic Republic, sent us a link to an interesting video, which shos a speech-Morse generator, used for the production of number messages by the Ministry of State Security (better known as "Stasi") of former GDR. The voice of this machine, which you can hear in this clip, is still in use for producing G06. Such a machine I described also in NL 31. You'll find the link to this video in another section of this E2K issue.

X06 Mazielka (1C) logs section

Date	Day	UTC	Freq	Scale	Monitor	Comments
20090102	Fri	0806-0903	14650	215346	Peter, PoSW	Very long TX, 0820-0832: CROWD36
20090102	Fri	0908-0917	10202	215346	PoSW	Weak S3-4 – moved from 14650 kHz
20090105	Mon	1304-1314	12224	463125	Peter,MikeL	S5-6, good and clear
20090107	Wed	1615	7862	164253	Fritz/CH	
20090110	Sat	0815	10335	154632	Leif Dehio	
20090110	Sat	0822	14765	154632	Leif Dehio	Moved from 10335 kHz
20090110	Sat	0827	9145	154632	Leif Dehio	3rd transmission of the day!
20090114	Wed	1105-1107	16117	134265	Peter/UK	Strong S6-7 in AM
20090117	Sat	1105	13517	463125	Leif Dehio	
20090117	Sat	1113	12109	?431625	Leif Dehio	
20090120	Tue	0900-0907	9450	165423	Mikesndbs	S9+10
20090122	Thu	0845-0848	5820	561243	Peter	S2-4 with QRM
20090122	Thu	1524-1526	10214	263145	Peter	S7-9, good sig in AM & rare scale
20090123	Fri	1330-1332	15828	256134	Peter	S9+40 in AM!
20090214	Sat	1208	14831	156234	Leif Dehio	
20090214	Sat	1211-1218	14871	156234	Peter	Moved from 14831 kHz
20090214	Sat	1218	16025	156234	Leif Dehio	Moved from 14871 (3rd TX that day)
20090214	Sat	1222	16276		Leif Dehio	(Another new frequency)
20090217	Tue	2140	6780		TomE2Kde	(New frequency)
20090217	Tue	2146	6911		TomE2Kde	(Also a new frequency)
20090221	Sat	0636-0644	8083	154632	RNGB	Monitored in progress
20090221	Sat	1121-1135	8131	164532	Peter, Kopf	Strong and long
20090221	Sat	1255-1306	12224	463125	Peter	
20090224	Tue	1356-1402	14871	156234	Peter	S3-6 with QRM hiss!
20090224	Tue	1420-1428	12224	463125	Peter	*
20090224	Tue	1432-1436	9923	463125	Peter	S3-5 in USB, too much QRM in AM
20090225	Wed	0904-0907	16116	134265	Peter	S4-6 AM
20090225	Wed	0921-0922	11153	465132	Peter	S9+ - rarer scale
20090227	Fri	1130-1135	14970	216354	Peter	S3-5, recorded in AM

- * Disappeared after 7 mins, 1 min later comeback for 10 secs.

Short outlook

On Marc h 6th, the German Branch (E2Kde) will have its 5th aniversary! One more reason to hold the 2nd official E2Kde meeting. It's planned for eastern 2009 in Munich, because Manolis from Greece plans to visit friends there in these days, and hopefully we can count on more E2K friends from abroad to come. We will inform you via group, if we have a more exact date, time and especially a location for the meeting.

Till next time I say "Auf Wiedersehen" and "Good-bye"

Jochen Schäfer, KopfE2Kde and X06 Teamkopf**Morse Stations**

Freqs are generally +- 1k

This is a representative sample of the logs received, giving an indication of station behaviour and the range of times/freqs heard. These need to be read in conjunction with any other articles/charts/comments in this issue.

M01/1 XIV MCW, hand (197 sked from 1st Nov- 28 Feb 09)

Where did the Sat sendings get to from 01 Nov 08

5320	18.00z	01 Jan	'197' 291 30 = = 61721 …..
4490	20.00z	"	'197' 405 30 = = 0…9 ….. short call-up, noise
5465	07.00z	04 Jan	'197' 217 30 = = 60695 ….. good
4320	18.00z	06 Jan	'197' 852 30 = = 68669 ….. fair
5312	18.00z	08 Jan	'197' 210 30 = = 65765 …..
4490	20.00z	"	'197' 178 30 = = 49720 ….. fair, noise
5808	15.00z	10 Jan	'197' 889 30 = = 22245 ….. weak, noise,
5465	07.00z	11 Jan	'197' 196 30 = = 51994 ….. some errors
5809.93	15.00z	17 Jan	'197' 202 30 = = 14584 ….. fast, BC QRM
5464	07.00z	18 Jan	'197' 415 30 = = 89477 ….. good
5320	18.00z	27 Jan	'197' 929 30 = = 88597 ….. slow call, pause, fast call. Fast 0 0 0 ending
4490	20.00z	"	'197' 816 30 = = 15979 ….. Slow 0 0 0 ending
5465	07.00z	08 Feb	'197' 514 30 = = 43937 ….. poor, some errors
5812	15.00z	14 Feb	'197' 765 30 = = 52851 ….. not the usual 5808
5464	07.00z	22 Feb	'197' 174 30 = = 69987 ….
5808	15.00z	28 Feb	'197' 199 30 = = 86787 ….. 0 0 0

M01a (formerly end of month TXs, now random)

4439	15.20z	21 Jan	'333' clg 76180 repeating, no mssg, no end.
6838	08.18z	03 Feb	'465' clg 47363 no ending
4443	18.06z	11 Feb	'123' clg 17593
3825	18.30z	18 Feb	'333' clg 99357

M01b

A couple of monitors have commented, again, that of the // freqs one is strong while the other is weak, this appears to be too consistent now to be a propo result so again giving more evidence of directional targetting.

5151	16.20z	02 Jan	812 ????
2466	19.32z	08 Jan	910 v.weak
5151	16.25z	09 Jan	i/p … = = 813 30 000
3180	21.10z	16 Jan	'610' 712/33 = = 84901 ….. = = 712 33 000
2485USB 20.40z		22 Jan	'382' 712/33 = = 84901 …. 39707 = = 712 712 33 0 0 0
2655//3197	20.05z	30 Jan	'866' 712 33 = = 84901
2435//3519	19.10z	02 Feb	'853'
2485//3160	20.40z	12 Feb	'382' 673 **77** = = 29246 ….. long mssg
2405//3180	21.10z	13 Feb	'610' 678 **66** ….. long mssg
2466//3545	19.33z	26 Feb	'910 673 **77** = = 29246 89239, long mssg

M01c

No reports

M01d

One of its rare 'null mssg' modes, no sign-off.

4439	15.20z	21 Jan	333 76180 repeating, no ending

M03 III ICW, some CW

6906	**15.37z**	**14 Feb**	**i/p ends … 52698 75498 = = 0 0 0**

Fritz caught this possibly unknown M03 sked, the freq is within 1k of one used in the past and it appears to be the end of the repeat sequence, single groups. Not possible to tell which variant , continued monitoring up to 28 Feb with no further result. (M03b ? .Ed)

9150	12.45z	06 Jan	363/38 79540 …..
7663	13.30z	07/14 Jan	277/31 11870 …..
11486	07.45z	13 Jan	503/00
12660	08.45z	15 Jan	503/00
12397	12.45z	23 Jan	829/35 20182 …..
12397	12.45z	30 Jan	r of 23rd
7663	13.30z	04 Feb	277/30 74405 …..
6906	15.37z	14 Feb	i/p ends 52698 75498 = = 0 0 0 New Sked ?
9150	12.45z	17 Feb	367/34 05270
6906	15.25z	22 Feb	517/31 94177 ….
7663	13.30z	25 Feb	279/30 65070

M03c (Stutter groups)

M03d

No reports

M03e
No reports

M07 MCWCC, c17 wpm.
The ending of this one caught our attention

8193	14.58z	26 Jan	i/p ends BT BT 369 369 45 45 000

M08a **XVIII** ICW / CW, some MCW, short, some hand.
These are the frequencies logged during the period, to be read in conjunction with Mark Slatens charts.

These little gems from westt1us

10715	13.00z	24 Jan	i/p New Sked
12134	14.25z	"	i/p Poss secondary to above.
			Freq last used for V02a 9 years ago.
12215	13.00z	27Jan/27 Feb	New Sked
13375	14.20z	"	New Secondary ?
			Freq not used for c3 years
10858	14.15z	28 Jan	New Sec Sked. Freq not used 3 years
3025/4478	10/11.00z	07 Feb	54231 ….
8087	18/19.00z	"	35752
7481	22.00z	"	05082
12115	13.10z	12 Feb	i/p New Freq (was 10715)
12134	14.00z	"	i/p Sec to above
6867	16.00z	15 Feb	11061
7481	21.00z	22 Feb	63722 Should be on 7974 ?

4035, 5771, 5800, 5898, 6768, 7481, 7974, 8097, 9063, 9112, 9153, 9163, 10432, 10445, 13375
Above freqs are/use MCW

4027, 4034, 4478, 4506, 5761, 6785, 6854, 6932, 7519, 7526, 7554, 8009, 8096, 8135, 10125, 10446, 10714, 10858, 12134, 12214

Comments from 'westt1us'
After 3 weeks of trying I finally managed to track down the missing 1300z M8a, the signal was incredibly strong making it easy to find. It was on a previously unknown frequency. I don't think I'm in the best location generally for hearing those frequencies in this time slot. Any help tracking down the Friday slots would be appreciated as I've tried and failed for the past few weeks.
Should be in the 10-
14MHz range.

M08c
No reports

M08d
No reports

M10 **IX** ICW / MCW, some CW
Ceased June 2007

M11 **IXA** (formerly M10e)
Presumed ceased

M12 **IB** ICW, some MCW / CW, short 0

9244	06.42z	16 Jan	i/p
9138	07.00z	"	138 000
10538	07.20z	"	138 000
13536	08.20z	28 Jan	751 000
12156	12.20z	"	418 000
4938	22.30z	03 Feb	i/p ends 000 000
9384/8184	19.30/50z	10 Feb	317 000
6758	05.50z	19 Feb	983 1 730 34 72050 …..
5816/5216	19.30/50z	19 Feb	825 000 Why freq/ID change mid-month ?

M12a (two message variant)
Where did these get to in Jan after the flurry in Dec.

M13 **IB**
M13 family now considered inactive since 0430z 13 Mar 06

M14 **IA** MCW / ICW / MCWCC / CW, short 0

4040	21.00z	02 Jan	'598' 00000 (same as 2007)
4637	18.20z	13/27 Jan	'186' 00000
4040	21.00z	16 Jan	'189' 00000
4762	19.18z	28 Jan	'748' 00000 2mins early start
4496	05.00z	05 Feb	'910' 463 127 50822….. 00000
4496	05.00z	09/12 Feb	'910' 587 112 33643 …. 00000 fast, strong
5788	20.00z	20 Feb	'489' 00000

M14a (two message variant)

This very unexpected catch from PP, different day, different time to all previously known TX's, as well as the GC being much lower – about 70 gps would have been expected.

11072	**12.48z**	**17 Jan (Sat)**	'352' 597 31 …..
			'352' 417 29 ….. 00000
6770	17.05z	11 Feb	'195' 671 40 = = .4955 ….. = = 671 671 40 40
			'195' 364 40 = = 53982 ….. = = 364 364 40 40

M18 IC
First reports since May 08

3803	16.15z	14 Jan	1915
3803	18.14z	"	2114

M23 O ICW
No reports
Although J-PL is back with us he has had no loggings, neither has Mike L who auto scans the known freqs regularly.
Lets hope it's the propo conditions.

M24 IA MCW / ICW / MCWCC/CW (high speed version of M14), short 0

4570	16.05z	21 Jan	i/p ending …..72863 = = 545 545 55 55 00000
4496	05.00z	09 Feb	'910' 587 112 33643 ….. 00000 fast
4476	19.00z	13 Feb	'153' 924 57 33413 ….. 0 0 0 0 0
5795/4476	18/19.00z	20 Feb	'153' 789 46 54331 ….. 0 0 0 0 0
4496	05.00z	23 Feb	'910' 758 102 05550 ….. 00000 fast
4476	19.00z	23/24 Feb	'153' 268 49 74571 ….. 0 0 0 0 0

M24a 2nd addressee hand keyed in.

4476	19.00z	18 Feb	'153' 649 2 11111 00058 =
	….		'153' 209 45 02288 …..

M39 ICX? ICW / MCW
No reports

M44
No reports

M44a CW

M45 XIV MCW, slow, hand, paired gps

3525	18.02z	01 Jan	525 000 , in noise
4024	18.11z	06 Jan	i/p
4025	18.02z	14 Jan	525 374 33 = = ….. 000
3525	18.02z	05 Feb	525 xxx 30 = = ….. 000

M50 XIV MCW
No reports

M55 O
No reports

M62 O
No reports

M76 O
No reports

M87 O
No reports

M89 O

5500	23.25z	26 Jan	7NPE de QV5B rptd

SK01 AM (Data Mode generic classification, Cuban TX's)
See comments in Issue 49 which still apply.
During Jan (Tim) westt1us noted that a 'short' TX of 204 bytes appeared, 1024 bytes is usual, as well as a different format of .txt file to usual, good catches.
Then on 16 Feb Tim spotted a 445 byte mssg, confirmed both by him and Barry on 17th.
Those currently being TX'd are :-
14871863.txt
24138251.txt
12645651.txt
12312132.txt
81833687.txt – different format
49239370.txt – 204
49607244.txt - 445

8180	09.40z	06 Jan	RDFT
8186	09.45z	07 Jan	RDFT
6826	06.00z	08 Jan	RDFT
6826	06.00z	18 Jan	RDFT
6786	06.30z	"	RDFT
6826	06.00z	25 Jan	RDFT different format
12120	00.05z	26 Jan	RDFT short TX
9063	09.00z	02 Feb	RDFT
16178	16.00z	03/13 Feb	RDFT
5898	08.20z	19 Feb	V02a then RDFT

It has been noted that SK01's have been replacing some expected V02a TXs
Other noted freqs
6855, 7887, 8097, 10345, 11566, 17515, 17435

Some SK01 observations from westt1us
Following my posting yesterday it seems my hunch was proved right.
There is an intermediate length SK01 message 445 bytes (see posting below). Interestingly the file when viewed in a text viewer starts with a letter 'B'. It was proposed before that this means binary.
Following this revelation I happened to notice a txt file from 6/1/2008 that is the same length and also starts with the letter 'B' when viewed in a text viewer.

SK01 17/2/2009 0515Z Tue 12120kHz Transmitted 49607244.txt Appears my hunch was correct file size is 445 bytes.
Appears to be same format as that transmitted on 15/12/*2009, although that file is 1024 byteslong and doesn't start with the letter 'B'.*
SK01 17/2/2009 0600Z Tue 6826kHz Transmitted 49607244.txt 445 byte, file same as previous hour on 12120kHz
SK01 17/2/2009 0615Z Tue 6826kHz Transmitted 27271324.txt Normal long format message. Appears the TX earlier in the hour may have been an operator error.

Strange SK01 capture: Capture 03032009_121144 [Tnx for sending]

More captures were sent but unfortunately some did not convert. Unfortunately file size constraints prevent my placing more here; apologies.

AS, Bs3, BR, BS, Fde, FN, FS, Gert, GN, HFD, JB, JoA, J-FL, MoK, MP, MS, P, PoL, PP, Westli, Westt1us, Anon2EU

Voice Stations

E03/E03a [X]

Apart from the regulations concerning the reception of wireless stations within Great Britain advice on reporting intelligence matters exists in the form of DA notices.
Whoever the messages, from E03/E03a are aimed at ENIGMA 2000 has no wish to 'advertise' the existence of these stations to those who may not support the best interests of Great Britain, or her representatives abroad. Although we are unable to stop discussion of these two stations on our Group site ENIGMA 2000 will remain aloof from any such discussion and will not be including reports or analysis of E03/E03a in our newsletters.

If anyone is going to Cyprus for a Holiday soon please check this out as E03 should be audible on ground wave from anywhere on the Southern part of the Island . JMc to note pse.

E06 [IA]

We open with Peter's analysis for E06; note his comment concerning the Sun 1830/1930z schedule:

The E06 English language has survived much as expected into 2009 with the exception of the weekly Sunday 1830 + 1930 UTC which I haven't been able to find since early November.This schedule had been around for several years; looking back through my old log books my first logging of this schedule was in April 2004, and no doubt was around before that.

First + Third Thursdays in the Month, 2030 UTC Schedule:-

18-Dec-08:- 4,836 kHz, "321 321 321 00000".

1-Jan-09:- 4,836 kHz, "321 321 321 00000", S9 signal. deep modulation, started around 10 seconds before the half-hour, carrier was up on 4,836 when checked at approx. 1945z.

5-Feb-09:- 4,836 kHz, "321 321 321 00000", started early, about 55 seconds before the half-hour.

19-Feb-09:- 4,836 kHz, "321 321 321 00000", S9 with deep modulation.

Friday 2130 UTC Schedule- on the day following the first Thursday in the month, above:-

19-Dec-08:- 4,760 kHz, "472 472 472 00000". S9 to S9+ signal.

2-Jan-09:- 4,760 kHz, "472 472 472 00000", S7 to S8, started approx. 17 seconds early.

16-Jan-09, another early start, by about 25 seconds this time, 4,760 kHz, "472 472 472 00000".

And I managed to miss this 2130z, 9.30 p.m. UK time sending in February, was no doubt transmitted on the 6th and 20th. My excuse being that I was totally absorbed in listening to BBC Radio 4's Friday evening series on the history of the USA which has been running for several weekly hour-long episodes, "America, Empire of Liberty", part 5 on Feb-20 all about the sinking of the Lusitania, America's entry into the First World War, President Woodrow Wilson, the jazz age and Prohibition.

Second + Fourth Tuesdays in the Month Schedule:-

23-Dec-08:- 2100 UTC, 4,553 kHz, "206 206 206 00000", S9+, very strong signal with deep modulation, must be the second sending of the 2000 + 2100 UTC sked.

13-Jan-09:- 2000 UTC, 6,780 kHz, "826 826 826 00000", S7 to S8, found approx. 2 minutes into the transmission, stopped as expected just after 2004z.

2100 UTC, 5,420 kHz, second sending, suffering from a strong "XPA" a few kHz H.F. - first sending of the Tuesday + Friday schedule - until it went off some time after 2102 UTC leaving E06 clear for the remainder of the transmission.

27-Jan-09:- 2100 UTC, 5,420 kHz, calling "826" for a full message, the XPA on a close frequency causing interference until shortly after 2102z, DK/GC "134 134 50 50". Missed first sending at 2000z.

28-Jan-09, Wednesday:- "Next day repeats" of yesterday's full message:- 2000 UTC, 6,780 kHz, very weak signal, only just detectable, unusual for an E06, and 2100 UTC, 5,420 kHz, also weak but stronger than the first sending.

10-Feb-09:- 2000 UTC, 6,840 kHz, calling "190" for a full message, DK/GC "865 865 71 71", again weak for an E06, and an E10 YL on the same frequency calling "Echo Zulu India 2" until just after 2003z.

2100 UTC, 5,360 kHz, second sending of "190" and "865 865 71 71", strength S7 on a noisy frequency.

11-Feb-09, Wednesday:- repeats of yesterday's transmission, 2000 UTC, 6,840 kHz, again with E10 "EZI 2" for about the first 3 minutes, and 2100 UTC, 5,360 kHz, a strong "XJT" roaring away on a close frequency, not noted yesterday.

24-Feb-09:- 2100 UTC, 5,360 kHz, "190 190 190 00000".

Fourth Thursday in the Month 2100 + 2200 UTC Schedule:-

25-Dec-08:- 2100 UTC, 5,125 kHz, "922 922 922 00000", S9+ with deep modulation. I hope agent 922 stayed sober on Christmas Day in order to hear this!

2200 UTC, 4,045 kHz, second sending, again S9+ with deep mod.

I missed the transmission on the fourth Thursday in January but since it was a full message there was a repeat on the following day and I stumbled across the second sending:-
23-Jan-09, Friday:- 2200 UTC, 4,035 kHz, calling "773" for a "full message", DK/GC "802 802 99 99". 4,035 shown in the E2K prediction list as the second sending, first sending would have been 2100 UTC, 5,085 kHz.

Now onto others' logs

January 2009:

4035kHz	2200z	22/01[773 776* 773 802 99 63288 … 23834 00000] ends 2221z 20m53s Strong, *Single 776 sent 8.05s into sending.*	PLondon	THU
4760kHz	2130z	16/01[472 00000] Strong ends 2134z	Westli, PLondon	FRI
4836kHz	2030z	01/01[321 00000] Strong ends 2034z	PLondon	THU
	2030z	15/01[321 00000]	Westli	THU
5085kHz	2100z	22/01[773 802 99 63288 …] Fair QRM2 end unknown	PLondon	THU

February 2009:

RNGB's Feb logs:

Tues 17th Feb	1200z	9075	'089' 147 32 69974 67562 28278 47047 etc
	1300z	8116	'089' repeat
Weds 18th	1200z	9075	'089' 671 42 96054 60262 28278 etc
	1300z	8116	'089' repeat
Thurs 19th	2030z	4836	'321' 00000
Fri 20th	2130z	4760	'472' 00000
Tues 24th	2000z	6840	'190' 00000
	2100z	5360	'190' 00000
Thurs 26th	2100z	5115	'903' 456 98 68942 08370 39135 etc
	2200z	4490	'903' repeat

Onto others:

4760kHz	2030z	06/02[472 00000] Fair ends 2133z	PLondon	FRI
	2030z	20/02[472 00000] Strong ends 2134z	PLondon	FRI
4836kHz	2030z	05/09[321 00000] Poor QRM3	PLondon	THU
5360kHz	2100z	10/02[190 865 71] S9 QRM.	Mndbs	TUE
6840kHz	2000z	11/02[190 565 71 72890…] plus E10	MG	WED

E07[IB]

PoSW comments on E07 and offers his logs:

No big surprises from the E07 English speaking man in the UK evening as far as I am aware, the Sunday + Wednesday 1800 UTC start, Monday + Wednesday 2100 UTC and Thursday 2110 UTC using the same frequencies as in the same month in past years. Low modulation still a problem on some transmissions rendering the voice inaudible, made worse at this time of the year by placing one of the three sendings inside the 49 metre broadcast band with consequent interference problems.

Sunday + Wednesday Schedule:-

4-Jan-09, Sunday:- 1800 UTC, 6,774 kHz, "788 788 788 000", low mod. but readable.
1820 UTC, 5,836 kHz, presumed to be the second sending, very low mod. + broadcast interference inside 49 metre band, unreadable.

18-Jan-09, Sunday:- 1800 UTC, 6,774 kHz and 1820 UTC, 5,836 kHz with BC QRM, "788 788 788 000".

25-Jan-09, Sunday:- 1800 UTC, 6,774 kHz, very low mod, unreadable, could just hear "zero" a few times, carrier went off around 1802 and 28 seconds UTC.

1-Feb-09, Sunday:- 1800 UTC, 7,697 kHz, "689 689 689 000", S9 and better than usual mod.
1820 UTC, 6,863 kHz, second sending, much lower mod. than first, sideband splash from strong BC station on 6,860. Same frequencies as in February last year, third sending in event of full message should be 5,938 kHz.

4-Feb-09, Wednesday:- 1800 UTC, 7,697 kHz, calling "689 689 689 1" for a full message. DK/GC "735 101" x 2. S9+ with better than usual mod.
1820 UTC, 6,863 kHz, second sending.
1840 UTC, 5,938 kHz, third sending, unreadable due to broadcast interference, inside 49 metre band, E07 voice heard a few times.

8-Feb-09, Sunday:- 1800 UTC, 7,697 kHz, "689" and "735 101" again, peaking S9+ with better mod. than usual.

18-Feb-09, Wednesday:- 1800 UTC, 7,697 kHz, still "735 101", S9 with reasonable mod.
1820 UTC, 6,863 kHz, second sending, weaker signal and lower mod. than first sending, sideband splash from the broadcaster on 6,860

Monday + Wednesday Schedule:-

12-Jan-09, Monday:- 2100 UTC, 6,892 kHz, "887 887 887 1", DK/GC "772 28" x 2, a short message, ended "000 000" 2105 and 30s UTC. S9 signal with deep QSB, better than usual modulation
2120 UTC, 5,896 kHz, second sending, low mod.
2140 UTC, 4,792 kHz, third sending with low mod.

19-Jan-09, Monday:- 2100 UTC, 6,892 kHz, "887 887 887 000", S9 with reasonable/readable audio.
2120 UTC, 5,896 kHz, second sending with sideband splash from broadcast station inside 49 metre band.

21-Jan-09, Wednesday:- 2100 UTC, 6,892 kHz, "887 887 887 000".

2-Feb-09, Monday:- 2100 UTC, 6,931 kHz, "998 998 998 1", DK/GC "504 52" x 2, low mod. but readable.

2120 UTC, 5,928 kHz, second sending inside 49 metre BC band, unreadable for all the usual reasons!
2140 UTC, 4,894 kHz, third sending, mod. low but readable.

9-Feb-09, Monday:- 2100 UTC, 6,931 kHz, "998 998 998 1", DK/GC "445 28" X 2, strong signal with reasonable mod.
2120 UTC, 5,928 kHz, second sending?; something there but flattened by BC stations.
2140 UTC, 4,894 kHz, third sending with reasonable modulation.

Thursday Schedule:-

1-Jan-09:- 2110 UTC, 6,777 kHz, "744 744 744 000", mod. low but readable, slight background buzz.

2130 UTC, 5,449 kHz, second sending, slight background buzz, "Monkey chatter" from RAF Volmet - A Happy New Year to the Royal Air Force! - on 5,450, and an "XJT" approx. 3kHz L.F.

8-Jan-09, 2130 UTC, 5,449 kHz, "744 744 744 000", usual chatter from the Brylcreem Boys' weather service.

5-Feb-09:- 2110 UTC, 6,777 kHz, unable to hear any voice, carrier went off a bit before 2112 and 30 seconds UTC which indicates "000 - no message".
2130 UTC, 5,449 kHz, second sending, only just audible, "744 744 744 000", usual grief from RAF Volmet.

January 2009:

5146kHz	0530z	01/01[188 1 80972 188 1 80972 917 47 917 47 56083…80087 000 000] Strong ends 0536z [duration 6m28s]	PLondon	THU
	0530z	08/01[188 1 63217 790 65 20725 … 47400 000 000] Strong ends 0538z	PLondon	THU
	0530z	15/01[188 1 63217 790 65 20725 … 47400 000 000] Strong ends 0538z	PLondon	THU
	0530z	22/01[188 000] Strong ends 0532z	PLondon	THU
	0530z	29/01[188 000] Strong ends 0532z	PLondon	THU
5416kHz	0800z	13/01[Gross QRM & distorted, only identified 000 (omsg)]	JoA	TUE
	0800z	27/01[489 000] QRM QRN	JoA	TUE
5449kHz	2130z	01/01[744 000] Strong QRM2 fm RAF Volmet	PLondon	THU
	2130z	08/01[744 000] Fair	PLondon	THU
	2130z	22/01[744 000] Fair ends 2132z	Mndbs,PLondon.	THU
	2130z	29/01[744 000] Strong ends 2132z	PLondon	THU
5816kHz	0820z	08/01[489 1 294 109 62043… end unknown]	PLondon, JoA	THU
	0820z	13/01[489 489 nnn 000] QRM-distorted.	JoA	TUE
	0820z	15/01[489 000] Strong	PLondon, JoA.	THU
	0820z	22/01[489 1 767 85 05872 … 89354 000 000] ends 0829z Strong	JoA, PLondon,	THU
	0820z	27/01[489 000] ~S3 QRM	JoA	TUE
	0820z	29/01[489 000] Strong	PLondon	THU
5846kHz	0550z	01/01[188 1 80972 188 1 80972 917 47 917 47 56083…80087 000 000] Strong ends 0556z [duration 6m28s]	PLondon	THU
	0550z	08/01[188 1 63217 790 65 20725 … 47400 000 000] Strong ends 0558z	PLondon	THU
	0530z	15/01[188 1 63217 790 65 20725 … 47400 000 000] Strong ends 0558z	PLondon	THU
	0550z	22/01[188 000] Strong ends 0552z	PLondon	THU
	0550z	29/01[188 000] Strong ends 0552z	PLondon	THU
5896kHz	2120z	05/01[887 000] Lo audio, Strong carrier – modulation poor ends 2122z	PLondon	MON
	2120z	19/01[887 000] Fair BC QRM2 ends 2122z	PLondon	MON
6774kHz	1800z	04/01[788 000] Weak ends 1802z (*1820z 5836kHz unuseable BC QRM5*)	PLondon	SUN
	1800z	11/01[788 000] Weak ends 1802z *(Het on freq 5836kHz until 1822z – E07 present)*	PLondon	SUN
	1800z	18/01 carrier only heard - off at 1802z	PLondon	SUN
	1800z	21/01[788 000] Fair QRM2 ends 1802z (*1820z 5836kHz unuseable BC QRM5*)	PLondon	WED
	1800z	25/01[788 000] Fair QRM2 ends 1802z *(Het on 5836kHz until 1822z E07 present, BC QRM5)*	PLondon	SUN
6777kHz	2110z	01/01[744 000] Fair ends 2112z	PLondon	THU
	2110z	08/01[744 000] Poor audio/modulation ends 2112z	PLondon	THU
	2110z	22/01[744 000] Poor audio/modulation ends 2112z	PLondon	THU
6846kHz	0610z	01/01[188 1 80972 188 1 80972 917 47 917 47 56083…80087 000 000] Strong ends 0556z [duration 6m28s]	PLondon	THU
	0610z	08/01[188 1 63217 790 65 20725 … 47400 000 000] Strong ends 0618z	PLondon	THU
	0610z	15/01[188 1 63217 790 65 20725 … 47400 000 000] Strong ends 0618z	PLondon	THU
6892kHz	2100z	12/01[887 1 778 72….] Fair, rest unknown	PLondon	MON
	2100z	19/01[887 000] Fair ends 2102z	PLondon	MON
	2100z	26/01[887 000] Fair ends 2102z (*5896kHz 2120z occluded by QRM4*)	PLondon, Mndbs	MON

February 2009

RNGB's logs:

Tues 17th Feb	0800z	5867	'873' 1 281 41 55549 97711 82718 27047 etc
	0820z	6767	'873' repeat
	0840z	7367	'873' repeat
Weds 18th	2100z	6931	'998' 000
Thurs 19th	0530z	5146	'188' 000
Sun 22nd	1800z	7697	'689' 000
Mon 23rd	2100z	6931	'998' 000
Tues 24th	0800z	5867	'873' 1 603 47 90833 02202 09265 97354 etc
	0820z	6767	'873' repeat
	0840z	7367	'873' repeat
Weds 25th	1820z	6863	'689' 000
Thurs 26th	2110z	6777	'744' 000
	2130z	5449	'744' 000

and onto others logs:

4894kHz	2140z	02/02[998 1 504 52 63893 … 53831 000 000] 2148z				PLondon	MON
	2140z	04/02[998 1 504 52 68567 18118 42252 +]				JoA	WED
	2140z	09/02[998 1 445 28 62561 … 52532 000 000] 2146z				PLondon	MON
	2140z	11/02[998 1 445 28 62561 … 52532 000 000] 2146z *6931kHz 2100z Weak and noisy*				PLondon	MON
5146kHz	0530z	05/02[188 1 61703 598 71 84822 … 18905 000 000] 8m 22s	USB	Strong		PLondon	THU
	0530z	12/02[188 1 61703 598 71 84822 … 18905 000 000] 8m 20s	USB	Strong		PLondon	THU
	0530z	19/02[188 000] ends 0532z	USB	Strong		PLondon	THU
	0530z	26/02[188 000] ends 0532z	USB	Strong		PLondon	THU
5449kHz	2130z	19/02[744 000] ends 2132z Fair				PLondon	THU
	2130z	26/02[744 000] ends 2132z Weak, audible				PLondon	THU
5846kHz	0550z	05/02[188 1 61703 598 71 84822 … 18905 000 000] 8m 22s	USB	Strong QRM1		PLondon	THU
	0550z	12/02[188 1 61703 598 71 84822 … 18905 000 000] 8m 20s	USB	Strong		PLondon	THU
	0550z	19/02[188 000] ends 0552z	USB	Strong		PLondon	THU
	0550z	26/02[188 000] ends 0552z	USB	Strong		PLondon	THU
5928kHz	2120z	18/02[998 000] ends 2122z BC QRM E07 audible under transmission with het (off at 2124z)				PLondon	WED
6767kHz	0820z	17/02[873 1 28141 …]				RE	TUE
6846kHz	0610z.	05/02[188 1 61703 598 71 84822 … 18905 000 000] 8m 22s	USB	Strong QRM1		PLondon	THU
	0610z	12/02[188 1 61703 598 71 84822 … 18905 000 000] 8m 20s	USB	Very Strong		PLondon	THU
6931kHz	2100z	02/02[998 1 504 52 63893 … 53831 000 000] 2108z *5928kHz 2120z BC QRM5*				PLondon, AS	MON
	2100z	09/02[998 1 445 28 62561 … 52532 000 000] 2106z *5928kHz 2120z BC QRM5*				PLondon, AS	MON
	2100z	18/02[998 000] Fair ends 2102z				PLondon	WED
6931kHz	2100z	11/02[*911* 957 1 ….] ends 2106z				LU5, AS	WED
	2100z	25/02[998 000] Weak and noisy 2103z				PLondon	WED
7367kHz	0840z	17/02[873 1 28141 …]				RE	TUE
	0840z	19/02[873 1 28141 …]				AS	THU
7697kHz	1800z	01/02[689 000] Fair QRM2. Ends 1802z *6863kHz 1820z severe QRM odd 689 sequence hrd.*				PLondon	SUN
	1800z	08/02[689 1 735 101 33463 … 76003 000 000] *1820z lost – pwr cut; 1840z BC QRM5with het.*				PLondon, Mndbs	SUN
	1800z	15/02[689 1 735…….000 000] 1813z *1820z BC QRM5, 1840z same with Het*				PLondon	SUN

E10 [O] Desk Report for January/February 2009

Frequencies in use (USB) + Callsigns

Frequency (KHz)	Callsign(s)
2456	ART
2515	PCD
2743	ULX
2844	YHF
3150	PCD/ULX
3270	ULX
3415	ART/ULX
3840	YHF
4165	ART
4270	ART/PCD/ULX
4560	YHF
5170	PCD
5230	ULX
5435	ART
5820	YHF
6370	YHF
6428	ABC
6498	PCD
6840	EZI/YHF
6986	ART
7690	EZI
7760	ULX
7918	YHF
8805	PCD
9130	EZI

Frequency (KHz)	Callsign(s)
9202	YHF
10648	YHF
11565	EZI
13533	EZI
15980	EZI
19715	EZI

Special Strings Heard Reported During January/February 2009

None

Logged E10 Activity

ABC

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
17/2	2204	6428	ABC				Sam
19/1	2120	6428	ABC				mikesndbs
20/2	1558	6428	ABC				Antonio S
20/2	2248	6428	ABC				Sam
21/2	1707	6428	ABC				Manolis
21/2	1958	6428	ABC				E10 Desk
22/2	1115	6428	ABC				Manolis
22/2	2226	6428	ABC				E10 Agent
23/2	0716	6428	ABC				Manolis
26/2	0807	6428	ABC				Manolis

ART

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
03/1	0000	3415	ART	1	18	OXRUO	DanielE2Kde
10/1	0000	3415	ART	1	94	FETOU	ElmarE2Kde
12/1	0000	3415	ART	1	100	ZBTDK	ElmarE2Kde

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
05/2	0000	3415	ART	1	18	AYYZX	ElmarE2Kde
10/1	0030	3415	ART	1	118	ABBAX	ElmarE2Kde
10/1	0130	3415	ART2				
14/2	0200	3415	ART2				
22/2	0200	5435	ART	1	17	VNAMD	Setijens
16/2	0400	3415	ART	1	15	RLHZL	westt1us
25/2	0430	5435/6986	ART	1	14	HSIAW	FrankE2kde
07/1	0500	3415	ART2				
02/1	0600	5435	ART2				
19/2	0630	6986	ART	1	99	CAHMO	FrankE2kde
16/2	0730	6986	ART	1	79	CXRXU	Antonio S
01/1	1230	6986	ART2				
08/1	1400	6986	ART	1	21	GXZQD	Sam
08/1	1430	6986	ART2				
01/1	1600	5435	ART	1	38	LLHYK	Sam
06/1	1600	5435	ART	1	103	IWNOB	Sam
09/2	1600	5435	ART	1	21	ZCVDF	Sam
22/2	1600	5435	ART	1	24	CNFBY	Sam
01/1	1630	3415	ART	1	71	QMXMR	Sam
10/2	1630	3415	ART	1	83	OHWNS	Sam
06/1	1700	3415	ART	1	71	QMXMR	Sam
09/2	1700	3415	ART	1	90	SGTEF	Sam
21/2	1700	3415	ART	1	47	GKLJX	Manolis
23/2	1700	3415	ART	1	60	KBGPN	FrankE2kde
10/2	1730	3415	ART	1	26	JQKAD	Sam
11/2	1730	3415/4165	ART	1	20	AUCCN	Sam
14/2	1730	3415	ART	1	19	USLIJ	Sam

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
18/2	1730	5435	ART	1	58	WJMIE	Alan G
23/2	1730	5435	ART	1	21	XDONU	FrankE2kde
12/2	1800	5435	ART	1	117	RZXWN	Sam
18/2	1800	5435	ART	1	50	MAGOB	Alan G
03/1	1830	4165	ART	1	112	RJEYS	Sam
06/1	1830	3415/4165	ART	1	21	KIBQI	Sam
18/1	1830	3415	ART	1	66	UWNBH	Hugo
06/1	1900	3415	ART	1	38	VRJSW	Sam
03/1	1930	5435	ART	1	17	NZSND	Sam
16/2	1930	5435	ART	1	88	UTZRA	Sam
19/2	1930	4270	ART	1	17	TQRQX	E10 Desk
03/1	2000	2456/3415	ART	1	68	GYHWE	Sam
06/1	2000	2456/3415	ART	1	73	DVLAR	AlanG
17/1	2000	3415	ART2				
02/1	2030	5435	ART2				
03/1	2130	3415	ART	1	96	WPATT	Sam
05/1	2130	3415	ART	1	67	WPPGB	Sam
11/1	2130	3415	ART	1	100	PMRZH	ElmarE2Kde
28/1	2130	3415	ART	1	68	JXJMN	E10 Agent
18/2	2130	3415	ART2				
02/1	2200	3415	ART	1	48	PBGWH	Sam
03/1	2200	3415	ART2				
04/1	2200	3415/5435	ART	1	48	PBGWH	Sam
05/1	2200	3415	ART	1	55	UBVYM	Sam
15/1	2200	3415	ART1				
16/1	2200	3415	ART2				
27/1	2200	3415	ART1				

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
29/1	2200	3415	ART2				
05/2	2200	5435	ART	1	26	ZBLGT	DanielAR
13/2	2200	3415	ART2				
17/2	2200	5435	ART	1	82	QRJQL	Sam
22/2	2200	5435	ART	1	17	VNAMD	Sam
23/2	2200	3415	ART2				
02/1	2230	2456/3415	ART	1	18	IZJZG	Sam
15/1	2230	3415	ART	1	166	ESSYJ	ElmarE2Kde
22/1	2230	3415	ART	1	18	IZIZG	ElmarE2Kde
02/1	2300	2456/3415	ART2				
15/1	2300	3415	ART	1	70	QKYBC	ElmarE2Kde
16/1	2300	3415	ART2				
22/1	2300	3415	ART	1	100	LAGEF	ElmarE2Kde
21/2	2300	3415	ART2				
23/2	2300	3415	ART	1	47	PSESY	ElmarE2Kde
02/1	2330	3415	ART2				

EZI

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
21/1	0100	6840	EZI	1	103	EPUBY	DanielAR
10/1	0130	9130	EZI2				
11/1	0200	6840	EZI2				
10/1	0230	6840	EZI2				
21/2	0330	6840/9130	EZI	1	82	KKRTI	FrankE2k
21/2	0400	6840/9130	EZI2				
02/1	0530	6840	EZI	1	15	VCFYX	RE
02/1	0630	6840	EZI2				

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
28/2	0700	11565	EZI	1	38	FWBFZ	mikesndbs
02/2	0930	6840	EZI2				
03/1	1200	9130	EZI2				
01/1	1230	13533/15980	EZI2				
08/1	1400	7690	EZI1				
22/2	1430	6840	EZI	1	70	DRYZX	Sam
03/1	1500	6840/7690	EZI2				
04/1	1530	19715	EZI2				
01/1	1600	6840/7690	EZI2				
07/1	1630	9130	EZI2				
01/1	1700	6840	EZI2				
12/2	1700	6840	EZI1				
20/2	1700	9130	EZI2				
23/2	1700	6840/9130	EZI1				
12/2	1730	9130	EZI2				
03/1	1800	6840	EZI2				
26/1	1800	6840	EZI3				
27/1	1800	6840	EZI1				
28/1	1800	6840	EZI2				
21/2	1800	6840	EZI3				
07/1	1830	9130	EZI2				
12/2	1830	6840/9130	EZI	2	95/25	YLIJQ/MWCAH	E10 Agent
04/1	1900	9130	EZI	1	92	WFKNX	RE
10/1	1900	9130	EZI	1	98	ANVKY	Manolis
07/1	1930	9130	EZI	1	17	WYAUT	Sam
02/1	2000	6840	EZI2				

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
02/1	2030	6840	EZI2				
03/1	2100	6840	EZI1				
04/1	2100	6840/7690	EZI	1	41	VBYTY	Sam
16/1	2100	6840	EZI1				
12/2	2100	6840	EZI	1	40	DHICN	Sam
04/1	2130	6840/7690	EZI	1	50	VKIZH	Sam
10/2	2130	6840/7690	EZI	1	32	WQFIH	Sam
20/1	2200	6840	EZI	1	33	ERRGZ	DanielAR

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
17/2	2200	6840	EZI	1	50	HCRGN	Sam
05/1	2230	6840	EZI	1	19	ETFSJ	Sam
22/1	2230	6840	EZI	1	46	YZVBL	DanielAR
17/2	2230	6840	EZI	1	63	YTQDS	Sam
02/1	2330	6840	EZI2				
04/2	2200	6840	EZI	1	40	UTLKI	DanielAR

PCD

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
01/1	0000	3150	PCD	1	87	FLXEY	E10 Desk
14/2	0000	3150	PCD	1	39	JLHMV	ElmarE2Kde
15/2	0000	3150	PCD	1	39	LIXMN	ElmarE2Kde
01/1	0030	3150	PCD	1	55	EANWL	E10 Desk
09/1	0030	3150	PCD	1	14	SEQYJ	E10 Desk
16/1	0030	3150	PCD	1	124	YCOPG	E10 Desk
14/2	0030	3150	PCD	1	80	TPZZE	ElmarE2Kde
24/2	0030	2515/3150	PCD	1	30	EEUKA	ElmarE2Kde
21/2	0300	2515/3150	PCD	1	6	WTQUB	FrankE2kde
21/2	0330	3150/4270	PCD2				
25/2	0400	2515/3150	PCD	1	34	HRFWL	FrankE2kde
21/2	0430	4270/6498	PCD	1	12	OMRHN	FrankE2kde
09/1	0500	6498	PCD	1	94	XIEFZ	westt1us
21/2	0500	4270/6498	PCD	1	92	VCPJU	FrankE2kde
06/2	0530	6498	PCD2				
06/2	0600	6498	PCD2				
07/1	1230	8805	PCD1				
01/1	1300	8805	PCD1				
03/1	1300	8805	PCD2				
08/1	1500	6498	PCD	1	17	ROMVO	Sam
01/1	1530	6498/8805	PCD2				
02/1	1600	6498	PCD2				
01/1	1630	6498	PCD	1	15	XAWGG	Sam
06/1	1630	4270	PCD	1	192	PCOPO	Sam
09/2	1630	4270/6498	PCD	1	192	QVVVK	Sam
11/2	1630	6498	PCD	1	70	TSFON	Sam

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
24/2	1630	4270/6498	PCD	1	37	VHKKS	Sam
01/1	1700	3150/4270	PCD2				
03/1	1730	4270	PCD2				
11/2	1800	4270/5170	PCD	1	47	EFAIN	Sam
03/1	1830	3150/4270	PCD2				
03/1	1900	4270	PCD	1	87/52	ZIFWZ/BIZVL	Kopf
04/1	1900	4270	PCD2				
07/1	1900	4270	PCD	1	35	PFLBO	E10 Desk
12/1	1900	4270	PCD2				
16/1	1900	4270	PCD	1	58	ZVGTU	E10 Desk
21/1	1900	4270	PCD	1	64	IRWBH	E10 Desk
24/1	1900	4270	PCD2				
28/1	1900	4270	PCD	1	19	MGWRG	E10 Desk
01/2	1900	4270	PCD	1	11	ROGHN	E10 Agent
04/2	1900	4270	PCD1				
05/2	1900	4270	PCD	1	19	KOUAD	E10 Desk
10/2	1900	4270	PCD3				
11/2	1900	4270	PCD	1	12	RBVNS	E10 Agent
12/2	1900	3150/4270	PCD	2	96/53	ULJPT/LKEDP	E10 Agent
16/2	1900	3150/4270	PCD	1	15	IKHUA	Sam
19/2	1900	4270	PCD1				
22/2	1900	4270	PCD2				
23/2	1900	4270	PCD	1	12	MUMHX	E10 Desk
24/2	1900	3150/4270	PCD	1	70	ZLNWN	E10 Desk
01/1	1930	4270	PCD	1	34	LZWRZ	E10 Desk
07/1	1930	4270	PCD	1	15	PDZNE	E10 Desk
09/1	1930	3150/4270	PCD	1	25	RBNVW	Sam

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
18/1	1930	4270	PCD	1	37	YFEDZ	E10 Desk
22/1	1930	4270	PCD	1	45	PWBBC	E10 Desk
26/1	1930	4270	PCD	1	115	KCIVC	E10 Agent
27/1	1930	4270	PCD	1	12	STJAS	E10 Desk
28/1	1930	4270	PCD	1	116	TWOKO	E10 Agent
01/2	1930	4270	PCD	1	19	BFKVX	E10 Desk
04/2	1930	4270	PCD	1	71	CYJLY	E10 Desk
06/2	1930	4270	PCD	1	19	XRKVM	E10 Desk
07/2	1930	4270	PCD	1	115	AKLTS	E10 Desk
10/2	1930	4270	PCD	1	39	VDWHB	E10 Desk
11/2	1930	4270	PCD	1	15	DDBYF	E10 Agent
15/2	1930	4270	PCD	1	39	RYNHA	E10 Desk
22/2	1930	4270	PCD	1	93	HBXBH	E10 Desk
02/1	2000	4270	PCD	1	25	JFONT	E10 Desk
15/1	2000	4270	PCD	1	49	NYIML	E10 Desk
26/1	2000	4270	PCD	1	46	VMQAT	E10 Agent
21/2	2000	4270	PCD	1	41	QHDRY	E10 Desk
02/1	2030	4270	PCD2				
03/1	2100	4270/6498	PCD	1	24	CDDKY	Sam
07/1	2100	4270	PCD	1	20	JIEXA	ElmarE2Kde
12/1	2100	4270	PCD	1	22	ZQOUG	ElmarE2Kde
27/1	2100	4270	PCD2				
29/1	2100	4270	PCD	1	12	LIOJH	E10 Agent
03/2	2100	4270	PCD	1	29	UVORL	Antonio S
11/2	2100	4270/6498	PCD	1	7	LGVNY	E10 Agent
18/2	2100	4270/6498	PCD	1	22	BKLSV	Alan G
04/1	2130	3150	PCD2				

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
02/1	2200	3150	PCD2				
02/1	2230	3150	PCD2				
02/1	2300	3150	PCD2				
13/2	2300	3150	PCD	1	82	UAJYZ	Sam
28/2	2300	2515/3150	PCD	1	180	LLZZS	Mike L
02/1	2330	2515/3150	PCD	1	143	BXBOM	Sam
22/1	2330	3150	PCD	1	97	EXICH	ElmarE2Kde
13/2	2330	3150	PCD	1	70	KEPGA	Sam
23/2	2330	4270	PCD2				

ULX

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
10/1	0230	2743	ULX2				
10/1	0230	2743	ULX2				
21/2	0330	3270/4880	ULX2				
21/2	0400	2743/3270	ULX	1	92	USPRH	FrankE2kde
21/2	0430	2743/3270	ULX2				
21/2	0500	4880	ULX2				
06/2	0530	6270	ULX2				
02/1	0730	7760	ULX2				
03/1	1330	7760	ULX2				
18/2	1400	6270	ULX2				
03/1	1500	6270/7760	ULX2				
31/1	1500	6270/7760	ULX1				
11/2	1500	6270/7760	ULX2				
18/2	1500	6270/7760	ULX2				
06/1	1530	6270	ULX1				

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
17/2	1530	6270	ULX	1	37	LYXIJ	Antonio S
24/2	1530	5230/6270	ULX1				
05/1	1400	7760	ULX2				
01/1	1600	3270	ULX2				
05/1	1630	4880	ULX2				
01/1	1700	2743/3270	ULX2				
16/1	1730	4880	ULX	1	40	UBFZO	E10 Desk
11/2	1730	4880	ULX	1	17	YVHWM	Sam
14/2	1730	4880	ULX	1	15	WCJVT	Sam
23/2	1730	3270/4880	ULX	1	58	WJMIE	FrankE2kde
03/1	1800	2743	ULX2				
05/1	1830	4880	ULX	1	115	GHRCA	Sam
12/2	1830	4880	ULX	1	47	YFYNO	Sam
03/1	1900	2743/3270	ULX2				
02/1	2000	4880	ULX2				
03/1	2030	4880	ULX2				
03/1	2100	2743/3270	ULX	1	105	BKQNJ	Sam
11/2	2100	2743/3270	ULX	1	122	AXJJV	E10 Agent
03/1	2130	2743	ULX	1	116	GEVDL	Sam
23/1	2130	4880	ULX	1	116	HVLDP	ElmarE2Kde
10/2	2130	2743/4880	ULX	1	41	QALCZ	Sam
17/2	2130	4880	ULX	1	67	CHEJL	Sam
26/2	2130	2743/4880	ULX	1	84	SQMNX	Sam
03/1	2200	3270	ULX2				
03/1	2230	4880	ULX2				
02/1	2300	2743/3270	ULX	1	18	ZCOXG	Sam
22/2	2300	2743/3270	ULX	1	24	SUJEZ	Sam

YHF

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
03/1	0000	3840	YHF	1	90	HYQKC	DanielE2Kde
28/2	0000	3840	YHF	1	35	DYSDH	ElmarE2Kde
22/2	0130	2844	YHF	1	12	TVECW	Setijens
11/1	0200	7918	YHF2				
21/2	0330	2844/3840	YHF	1	29	OFUMA	FrankE2kde
25/2	0400	3840/5820	YHF2				
05/1	0430	7918	YHF	1	28	HEVGV	westt1us
21/2	0430	5820/7918	YHF2				
25/2	0430	5820/7918	YHF	1	89	AVMUX	FrankE2kde
27/1	0500	9202	YHF2				
02/1	0530	7918	YHF2				
05/1	0530	7918	YHF	1	25	MEQHC	westt1us
06/2	0530	7918/9202	YHF2				
12/2	0530	7918/9202	YHF	1	118	AWTFL	E10 Agent
02/1	0600	5820	YHF2				
02/1	0730	7918	YHF2				
03/1	1200	10648	YHF	1	25	MEQHC	Sam
10/1	1200	10648	YHF	1	23	VBKDM	DanielAR
26/1	1200	10648	YHF	1	40	ZIXTG	DanielAR
14/1	1200	10648	YHF1				
12/2	1200	9202/10648	YHF	1	118	AWTFL	E10 Agent
03/1	1230	7918	YHF2				
04/1	1330	9202	YHF	1	28	HEVGV	Sam
13/2	1330	9202	YHF	1	11	APDGG	Antonio S
05/1	1400	7918	YHF2				
18/2	1500	5820	YHF2				

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
01/1	1530	6370	YHF	1	28	IMCJE	Sam
01/1	1600	3840	YHF2				
01/1	1630	3840	YHF	1	12	TDSLG	Sam
11/1	1630	3840	YHF2				
12/2	1630	3840	YHF	1	60	FIDSX	Sam
01/1	1700	3840/4560	YHF2				
06/1	1730	4560/5820	YHF1				
10/2	1730	4560	YHF2				
18/2	1730	4560/5820	YHF1				
22/2	1730	4560	YHF2				
12/2	1800	2844/3840/td>	YHF2				
07/1	1830	10648	YHF	1	16	RVQCW	DanielAR
27/1	1830	10648	YHF	1	146	SIVAO	DanielAR
04/2	1830	10648	YHF	1	24	SBBVO	DanielAR
11/2	1830	10648	YHF	1	14	YVBRQ	DanielAR
22/2	1830	10648	YHF	1	12	VYFAH	Setijens
03/1	1900	2844/3840	YHF2				
03/1	1930	5820	YHF	1	25	MEQHC	Sam
07/1	1930	5820/7918	YHF	1	12	AXBFK	Sam
09/1	1930	5820	YHF1				
11/2	1930	5820/7918	YHF	1	118	AWTFL	E10 Agent
04/1	2000	9202	YHF2				
02/1	2030	4560	YHF2				
03/1	2100	5820	YHF2				
04/1	2130	4560/5820	YHF2				
03/2	2130	4560	YHF1				
10/2	2130	5820	YHF2				

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
03/1	2200	3840	YHF	1	114	ZNWVA	Sam
17/1	2200	3840	YHF	1	20	ABDUX	ElmarE2Kde
10/2	2200	2844/3840	YHF	1	51	UDFJO	Sam
13/2	2200	3840	YHF	1	15	TLWYF	Sam
20/2	2200	2844/3840	YHF	1	83	RZBQJ	Sam
26/2	2200	2844/3840	YHF	1	92	XRNGK	Sam
02/1	2230	3840	YHF	1	114	ZNWVA	Sam
02/1	2230	5820	YHF2				
02/1	2300	3840	YHF	1	70	DSBIJ	Sam
05/1	2300	3840	YHF	1	100	VJWKS	Sam
15/1	2300	3840	YHF	1	89	SZTTU	ElmarE2Kde
09/2	2300	3840	YHF	1	92	CNGRM	Antonio S
28/2	2300	2844/3840	YHF	1	93	YJYSR	Mike L

Jammer Activity

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Credit
01/1	1202	15980	EZI	Sam
01/1	1307	7918	YHF	Sam
01/1	1401	9202	YHF	E10 Desk
01/1	1630	4165	ART	Sam
01/1	1701	4165	ART	Sam
01/1	1900	4270	PCD	E10 Desk
01/1	1930	4270	PCD	E10 Desk
03/1	1501	6840	EZI	Sam
03/1	1531	5230	ULX	Sam
03/1	1538	6498	PCD	Sam
03/1	1602	6498	PCD	Sam

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Credit
03/1	1602	3840	YHF	Sam
03/1	1832	4165	ART	Sam
03/1	1834	4880	ULX	Sam
03/1	1900	4270	PCD	Kopf
03/1	1904	3840	YHF	Sam
03/1	1930	4270	PCD	Kopf
03/1	2011	4880	ULX	Sam
04/1	1327	7918	YHF	Sam
04/1	1501	5170	PCD	Sam
05/1	1836	4880	ULX	Sam
06/1	1700	3840	YHF	Sam
06/1	1831	4270	PCD	Sam
07/1	1602	5820	YHF	Sam
07/1	1659	4165	ART	Sam
07/1	1700	3840	YHF	Sam
07/1	1830	3840	YHF	Sam
07/1	1830	4880	ULX	Sam
07/1	1912	6840	EZI	Sam
07/1	1922	4880	ULX	Mike L
08/1	1405	6986	ART	Sam
08/1	1505	6498	PCD	Sam
15/1	1916	4270	PCD	E10 Desk
16/1	2100	4270	PCD	E10 Desk
18/1	1600	6840	EZI	E10 Desk
18/1	1634	4270	PCD	E10 Desk
24/1	1900	4270	PCD	E10 Desk
24/1	1932	4270	PCD	E10 Desk

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Credit
25/1	1932	4270	PCD	E10 Desk
27/1	1932	4270	PCD	E10 Desk
05/2	1730	4165	ART	Antonio S
06/2	1900	4270	PCD	E10 Desk
06/2	1930	4270	PCD	E10 Desk
09/2	1602	5820	YHF	Sam
09/2	1700	4270	PCD	Sam
09/2	1701	3840	YHF	Sam
10/2	1642	4270	PCD	Sam
11/2	1900	4270	PCD	E10 Desk
11/2	1930	4270	PCD	E10 Desk
12/2	1308	15980	EZI	Mike L
12/2	1315	15980	EZI	Mike L
12/2	1320	15980	EZI	Mike L
12/2	1327	15980	EZI	Mike L
12/2	1331	15980	EZI	Mike L
12/2	1801	4270	PCD	Sam
14/2	1731	4270	PCD	Sam
15/2	1930	4270	PCD	E10 Desk
16/2	1632	4165	ART	Sam
16/2	1634	4270	PCD	Sam
21/2	1704	4165	ART	Manolis
21/2	1704	4270	PCD	Manolis
23/2	1931	4270	PCD	E10 Desk
24/2	1601	6370	YHF	Sam
24/2	1602	4165	ART	Sam
28/2	2250	4560	YHF	Mike L

Noteworthy Events

The big news this month was that ABC appears to have sent its first message. It first appeared on February 17th transmitting ABC endlessly as it usually does on 6428 KHz. E2K members reported hearing it almost continuously for the next week or so. Then on the 26th Manolis heard a broken 38 group message at 0836. However its hard to say if this was a real ABC message or a message being mistakenly sent that should have been transmitted on one of E10's other stations.

On January 16th at 2100 several E10 monitors heard a strange mixture of ULX calling with at the same time PCD (at a much lower volume) on the usual PCD frequencies of 3150 KHz and 4270 KHz. Then on January 22nd Manolis heard ART and ULX mixed together on 3415 KHz at 2318 this continued until 2325. E10 Agent logged another mix on 12th February when he heard EZI and YHF2 on 6840 KHz at 2230. There was more mixing on 19th February when I heard ART and PCD messages mixed together at 1930 on 4270 KHz and Sam heard an EZI message and YHF2 mixed together at 2230 on 6840 KHz.

Dedicated E10 Monitor E10 Agent logged some odd activity recently. In the 1800 EZI slot he logged an extremely rare EZI3 call on 26th January which changed into a EZI1 called on the 27th and became a EZI2 call on the 28th. He also noted that on January 31st the 1500 ULX slot changed from sending the ULX2 call it has been sending since late 2004 to sending a ULX1 call. E10 Monitor logged yet another EZI3 call in the 1800 slot on 21st February.

ElmarE2Kde logged a couple of interesting ART messages this month. When on January 10th he logged the following message in the 0030 ART slot G118 ABBAX then on February 5th logged the following message in the 0000 ART slot G18 AYYZX. Note the first and last letters of both messages are the same. Also the 2nd and 3rd letters of both messages are doubles. Interesting that they have a group count similarity also.

These last couple of months have seen a sudden increase in the number of the previously rare xxx3 calls transmitted. On January 26th E10 Agent logged a EZI3 call in that stations 1800 slot. Then on February 10th E10 Agent logged a PCD3 call in that stations 1900 slot.

E11 [III] *H-FD's updated charts can be seen in the charts section, along with RNGB's charts. Thanks each.*

January 2009:

4181kHz	1630z	07/01[287/00] Weak out 1633z	PLondon	WED
	1630z	10/01[287/00] Strong out 1633z	PLondon	SAT
	1630z	14/01[287/00] Strong out 1633z	PLondon	WED
	1630z	15/01[287/00] Strong 20dBs out 1633z	PLondon	SAT
	1630z	19/01[287/00] Strong out 1633z	PLondon	MON
	1630z	21/01[287/00] Strong out 1633z	PLondon	WED
	1630z	24/01[287/00] Fair out 1633z	PLondon	SAT
	1630z	26/01[287/00] Strong out 1633z	PLondon	MON
	1630z	28/01[287/00] Strong, Fr Stn QRM2 out 1633z	PLondon	WED
	1630z	31/01[287/00] Strong out 1633z	PLondon	SAT
5823kHz	1100z	08/01[742/00] Fair out 1103z	PLondon	THU
	1100z	22/01[742/00] Fair out 1103z	PLondon	THU
6280kHz	1200z	06/01[741/00] Strong out 1203z	PLondon	TUE
	1200z	20/01[741/00] Strong QRM2 out 1203z	PLondon	TUE
7317kHz	0915z	03/01[284/00] Strong out 0918z	PLondon	SAT
	0915z	05/01[284/00] Strong out 0918z	PLondon	MON
	0915z	07/01[284/00] Strong out 0918z	PLondon	WED
	0915z	10/01[284/00] Strong out 0918z	PLondon	SAT
	0915z	12/01[284/00] S5	JoA	MON
	0915z	14/01[284/00] Fair out 0918z	PLondon, JoA	WED
	0915z	17/01[284/00] Strong out 0918z	PLondon, Westli	SAT
	0915z	19/01[284/00] S3	JoA, PLondon	MON
	0915z	21/01[284/00] Strong out 0918z	PLondon	WED
	0915z	*23/01[284/00] S4*	*JoA*	*FRI*
	0915z	24/01[284/00] Strong out 0918z	RE, PLondon	SAT
	0915z	26/01[284/00] Very strong ends 0918z	PaulH, PLondon	MON
	0915z	28/01[284/00] Strong ends 0918z	PLondon	WED
	0915z	31/01[284/00] Strong ends 0918z	PLondon	SAT
7371kHz	0715z	20/01[382/00] S9+10dB.	JoA, PLondon	TUE
	0715z	22/01[382/00] Fair QRM2 ends 0718z	JoA, PLondon	THU
	0715z	27/01[382/00] QRM	JoA, PLondon	TUE
	0715z	29/01[382/00] Weak out 0718z	PLondon	THU
7439kHz	1230z	02/01[312/00] Fair out 1233z	PLondon	FRI
	1230z	09/01[312/00] Strong out 1233z	PLondon	FRI
	1230z	16/01[312/00] Fair QRM2	PLondon, Phil	FRI
	1230z	20/01[312/00] Strong out 1233z	PLondon	TUE
	1230z	23/01[312/00] Strong out 1233z	PLondon	FRI
	1230z	27/01[312/00] Strong out 1233z	PLondon	TUE
	1230z	30/01[312/00] Strong out 1233z Buzz on audio	PLondon	FRI

7749kHz	1030z	02/01[312/00] Fair QRM2 out 1033z	PLondon	FRI
	1030z	06/01[312/00] Strong out 1033z	JoA, PLondon,, Phil	TUE
	1030z	09/01[312/00] QRM	JoA	FRI
	1030z	20/01[312/00] Fair QRM3 out 1033z	PLondon, Westli	TUE
	1030z	23/01[312/00] Fair QRM2 out 1033z	PLondon	FRI
	1030z	27/01[312/00] Weak QSB3 out 1033z	PLondon	TUE
	1030z	30/01[312/00] Strong out 1033z Buzz on audio – Tx problems, splatter heard	PLondon	FRI
8800kHz	0845z	15/01[232/00] Strong 0848z	PLondon, JoA	THU
	0845z	16/01[232/00] S5 QRN out 0848z	JoA	FRI
	0845z	22/01[232/00] Strong 0848z	PLondon, JoA	THU
	0845z	23/01[232/00] Fair QRM2 out 0848z	PLondon	FRI
	0845z	29/01[232/00] Strong	PLondon	THU
	0845z	30/01[232/00] Fair out 0848z	PLondon	FRI
9060kHz	0815z	12/01[552/00] S8 QRN	JoA, Westli	MON
	0815z	26/01[552/00] Strong out 0818z	JoA, PLondon	MON
9339kHz	1100z	07/01[186/00] Weak out 1103z	PLondon	WED
	1100z	14/01[186/00] Weak out 1103z	PLondon	WED
	1100z	21/01[186/00] Fair QSB2 out 1103z	PLondon	WED
	1100z	28/01[186/00] Weak out 1103z	PLondon	WED
10200kHz	0845z	19/01[252/00] S9	JoA, PLondon	MON
	0845z	21/09[252/00] Strong QRM2 out 0848z	PLondon	WED
	0845z	26/01[252/00] Fair, CW QRM2 out 0848z	PLondon	MON
	0845z	28/01[252/00] Strong CW QRM2 out 0848z	PLondon	WED
11104kHz	1115z	13/01[193/00] Strong	PLondon	TUE
	1115z	27/01[193/00] Strong out 1103z	PLondon	TUE

E11a

January 2009

7749kHz	1030z	13/01[314/75 A 73580….] QRM4 *jammed?*	PLondon	TUE
9443kHz	1230z	12/01[184/76] S7 weak	Mndbs	MON

73351 54342 40661 13661 11732 55551 73862 93023 52234 94874
98062 22304 08909 37313 71461 34015 51048 29313 07319 14237
82219 96433 31532 91220 04130 43210 31819 19030 72481 48906
49147 28507 06284 30201 31265 06275 76941 43578 75865 54311
61543 33975 99602 35530 08756 56002 74399 71344 85559 70520
19512 89782 35294 92688 73732 45856 53738 38256 28740 79775
63860 75265 78664 39788 54310 00773 75526 65665 12628 20243
25726 82358 70141 20279 58020 69959

E11b

January 2009:

7371kHz	0715z	06/01[384/30 A 77777 77777 85447 ... end detail unknown] Strong	PLondon	TUE
	0715z	08/01[384/30 A 77777 77777 85447 … 71930 77777] Fair QRM2 out 0724z	PLondon, JoA	THU
	0715z	13/01[384/30 A 77777 77777] weak	JoA, PLondon	TUE
	0715z	15/01[384/30 A 77777 77777 16102] weak	JoA, PLondon	TUE
8800kHz	0845z	01/01[230/38 A 77777 77777 22657 … 40616 77777] Strong out 0856z	PLondon	THU
	0845z	02/01[230/38 A 77777 77777 22657 … 40616 77777] Weak QRM3 out 0856z	PLondon	FRI
	0845z	08/01[231/30 A 77777 77777 15154 … 86102 77777] Weak end unknown	PLondon, JoA	THU
	0845z	09/01[231/30 A 77777 77777 15154 … 86102 77777] Strong QRM2 out 0854z	PLondon,	FRI
9060kHz	0815z	05/01[557/33 A 77777 77777 96586 … 50472 77777] Strong out 0825z	PLondon	MON
9060kHz	0815z	19/01 [554/35 77777 77777 08575…75928 77777] S9 77777 77777 08575 32873 66110 92219 13527 72828 69334 58370 81815 31181 53708 89461 24295 25327 61524 54539 49801 23378 20469 49441 82213 44177 85624 39173 42705 31535 24705 48257 40110 45866 75928 77777 77777	JoA, PLondon	MON
10200kHz	0845z	05/01[250/30 A 77777 77777 12944 … 92669 77777] Weak QSB2 out 0854z	PLondon	MON
	0845z	07/01[250/30 A 77777 77777 12944 … 92669 77777] Strong out 0854z	PLondon	WED
	0845z	14/01[257/35 A 77777 77777 64888 … 75391 77777] Strong out 0855z 257/35 A 77777 77777 64888 25236 94644 46835 13402 67884 72675 75292 55152 03486 73473 28332 46238 16905 40158 72102 99261 32723 95235 34841 68059 41568 61401 20226 17768 70613 90250 15138 98736 44820 75391 77777 77777 OUT fm JoA]	PLondon	WED

11104kHz 1115z	06/01[194/31 A 77777 77777 86083 … 05751 77777] Strong out 1124z 77777 77777 86083 55123 47106 58591 34806 82803 39768 87121 24861 87842 75782 16979 45748 51422 35325 84870 89416 41102 57552 36670 22891 22778 48691 52105 23819 02200 05751 77777 77777 [fm mndbs]	PLondon, Mndbs	TUE
11104kHz 1115z	20/01[190/32 A 77777 77777 65595 … 47694 77777] Strong out 1124z	PLondon	TUE

E11

February 2009

4181kHz 1630z	02/02[287/00] Strong out 1633z	PLondon	MON
1630z	04/02[287/00] Strong out 1633z	PLondon	WED
1630z	07/02[287/00] Strong out 1633z	PLondon	SAT
1630z	09/02[287/00] Fair QRN2 out 1633z	PLondon	MON
1630z	11/02[287/00] Strong out 1633z	PLondon	WED
1630z	14/02[287/00] Strong out 1633z	PLondon	SAT
1630z	16/02[287/00] Strong out 1633z	PLondon	MON
1630z	18/02[287/00] Strong out 1633z	PLondon	WED
1630z	21/02[287/00] Strong out 1633z	PLondon	SAT
1630z	23/02[287/00] Strong out 1633z	PLondon	MON
1630z	25/02[287/00] Strong out 1633z	MalcF, PLondon	WED
5823kHz 1100z	05/02[742/00] Strong out 1103z	JPL20, PLondon	THU
1100z	19/02[742/00] Strong out 1103z	PLondon	THU
6280kHz 1200z	03/02[741/00] Weak out 1203z	PLondon, Teleg1	TUE
1200z	17/02[741/00] Fair out 1203z	RNGB, PLondon	TUE
7317kHz 0915z	04/02[284/00] Strong out 0918z	PLondon	WED
0915z	07/02[284/00] Strong QRM2 out 0918z	PLondon	SAT
0915z	09/02[284/00] Strong out 0918z	JPL20, PLondon	MON
0915z	11/02[284/00] Strong out 0918z	PLondon	WED
0915z	14/02[284/00] Strong out 0918z	PLondon, JPL20	SAT
0915z	16/02[284/00] Fair out 0918z	PLondon	MON
0915z	18/02[284/00] Strong out 0918z	RNGB, PLondon	WED
0915z	23/02[284/00] Strong out 0918z	RNGB,PLondon	MON
0915z	25/02[284/00] Strong out 0918z	PLondon	WED
7371kHz 0715z	03/02[382/00] Strong out 0718z	PLondon	TUE
0715z	05/02[382/00] Fair QRM2 out 0718z	JoA,PLondon	THU
0715z	10/02[382/00] S7/S9	JoA, PLondon	TUE
0715z	12/02[382/00] QRN/QRM	JoA, PLondon	THU
7439kHz 1230z	06/02[312/00] Strong out 1233z	PLondon	FRI
1230z	10/02[312/00] Strong out 1233z	PLondon	TUE
1230z	13/02[312/00] Strong out 1233z	AS, PaulH	FRI
1230z	17/02[312/00] Strong out 1233z	RNGB,PLondon	TUE
1230z	20/02[312/00] Strong out 1233z	PLondon	FRI
1230z	24/02[312/00] Fair out 1233z	Teleg1, PLondon	TUE
7749kHz 1030z	03/02[312/00] Weak out 1233z	PLondon	TUE
1030z	06/02[312/00] Strong out 1035z *Started 2mins late*	PLondon	FRI
1030z	10/02[312/00] Strong out 1035z	PLondon	TUE
1030z	13/02[312/00] Strong out 1035z	PLondon	FRI
1030z	17/02[312/00] Fair out 1033z	PLondon	TUE
1030z	20/02[312/00] Fair QRM2 out 1033z	PLondon	FRI
1030z	24/02[312/00] Fair out 1033z	RNGB,Teleg1	TUE
8800kHz 0845z	05/02[232/00] Strong out 0848z	PLondon	THU
0847z	06/02[232/00] *Started about 2 min late*	RE	FRI
0845z	19/02[232/00] Strong out 0848z	PLondon, RNGB	THU
0845z	20/02[232/00] Weak TTY QRM3 out 0848z	PLondon	FRI
9060kHz 0815z	09/02[552/00] Strong out 0818z	PLondon	MON
0815z	13/02[552/00] Strong out 0818z	JPL20	FRI
0815z	23/02[552/00] Strong out 0818z	RNGB, PLondon	MON
0815z	27/02[552/00]	RNGB	FRI
9339kHz 1100z	04/02[186/00] Weak QSB2 CW(QSV) QRM1 out 1103z	PLondon	WED
1100z	11/02[186/00] Very weak out 1103z	PLondon	WED
1100z	18/02[186/00] Weak out 1103z	PLondon	WED
1100z	25/02[186/00] Very Weak QSB3 out 1103z	PLondon, RNGB	WED
9443kHz 1230z	23/02[186/00]	RNGB	MON

10200kHz	0845z	02/02[252/00] Fair QRM2 out 0848z	PLondon	MON
	0845z	04/02[252/00] Fair CW QRM2 out 0848z	PLondon	WED
	0845z	09/02[252/00] Fair QRM2 out 0848z	PLondon	MON
	0845z	11/09[252/00] Strong out 0848z	JPL20, PLondon	WED
11104kHz	1115z	03/02[193/00] Strong out 1118z	PLondon, Teleg1	TUE
	1115z	24/02[193/00] Strong out 1118z	PLondon, Teleg1	TUE

E11b

7371kHz	0715z	17/02[387/33 A 77777 77777 95387 26005 21092 68206 etc] *Poor with JoA/PLondon*	RNGB	TUE
	0715z	19/02[387/33 A 77777 77777 xxxxx … 69764 77777] Weak QRM2 out 0725z	AS, RNGB	THU
	0715z	24/02[388/35 A 77777 77777 34045 76670 04907 09012 etc]	RNGB	TUE
	0715z	26/02[388/35 A 77777 77777 (34045?) …. QRM obliterated signal]	PLondon	WED
7798kHz	0915z	24/02[228/33 A 77777 77777 78834 56813 88495 etc]	RNGB	WED
8800kHz	0845z	11/02[230/36 A 77777 77777 14836 24544 >>> 11823 37872 77777] 0854z	AS	WED
	0845z	12/02[230/36 A 77777 77777 14836 24544 >>> 11823 37872 77777] S7 QRM 0854z	JoA, PLondon	THU
	0845z	13/02[230/36 A 77777 77777 14836 … 37872 77777] Strong QSB2 out 0854z	JPL20, PLondon	FRI
	0845z	26/02[237/30 A 77777 77777 63505 11270 01106 79454 etc]	RNGB	THU
9060kHz	0815z	02/02[550/35 A 77777 77777 12093 … 32754 77777] Strong out 0825z	PLondon	MON
	0815z	06/02[550/35 A 77777 77777 12093 88187 19212 00100 99066 etc. etc.]	RE	FRI
	0815z	16/02[559/34 A 77777 77777 04687 … 65832 77777] Strong out 0825z	PLondon	MON
	0815z	20/02[559/34 A 77777 77777 04687 55486 58892 etc]	RNGB	FRI
10200kHz	0845z	16/02[259/30 A 77777 77777 45842 … 66325 77777] Fair CW QRM2 out 0854z	PLondon, RNGB	MON
	0845z	18/02[259/30 A 77777 77777 45842 … 66325 77777] Weak out 0854z	PLondon	WED
	0845z	23/02[259/33 A 77777 77777 70465 76432 59856 05604 etc]	RNGB	MON
	0845z	25/02[259/33 A 77777 77777 70465 … 18375 77777] Strong CW QRM2 out 0855z	PLondon	WED
11104kHz	1115z	10/02[194/35 A 77777 77777 29493 … 81842 77777] Strong out 1125z	AS, PLondon	TUE
	1115z	13/02[194/35 A 77777 77777 29493 …]	JPL20, PLondon	FRI
	1115z	17/02[199/32 A 77777 77777 55483 … 42715 77777] Strong out 1124z	RNGB,PLondon	TUE

E11 unknown – condx too bad to even hear stutter groups if present:

7317kHz	0715z	13/01[364/30] rest unknown	PLondon	TUE

E15 [O]

E15 Schedule assembled by Manolis during spring 2005:

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	CALL
0700	6715	6715	6715	6715	-	6715	6715	NAS
0800	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	-
0945	6715	6715	6715	6715	-	6715	6715	VSD
1100	18000	18000	18000	18000	-	18000	18000	BEC
1130	6715	6715	-	6715	-	6715	6715	PAR
1200	5834	5834	5834	5834	-	5834	5834	WSP
1230	-	11170	11170	11170	-	11170	11170	OSS
1300	-	-	-	11170	-	11000	-	BEC

E15 continued:

And the phonetics used in station idents:

A – ADAM	B – BAKER	C – CHARLIE	D – DAVID
E – EDWARD	F – FRANK	G – GEORGE	H – HENRY
I – ITALY (INDIA)	J – JOHN	K – KING (KILO)	L – LOUIS / LEWIS
M – MARY	N – NANCY	O – OTTO	P – PETER
Q – QUEEN	R – ROBERT (RITA / ROMEO)		S – SUSAN
T – THOMAS	U – UNION	V – VICTOR	W – WILLIAM
X – XRAY	Y – YOUNG	Z – ZEBRA (ZERO / ZULU)	

E17 [IA] **Nil Reports**

E17z

January 2009:
The 9820kHz freq was badly chosen with BC QRM easily overriding the wanted signal. Therefore no reports other than that shewn.

9820kHz	0820z	08/01[674 920 5 79646 77597 52966 54004 43454 920 5 0 0 0 0 0] QRM poor	JoA	THU
11170kHz	0800z	01/01[674 920 5 79646 77597 52966 54004 43454 920 5 0 0 0 0 0] Weak	PLondon, JoA	THU
	0800z	08/01[674 920 5 79646 77597 52966 54004 43454 920 5 0 0 0 0 0] Weak ends 0805z.	PLondon, JoA	THU
	0800z	15/01[674 920 5 79646 77597 52966 54004 43454 920 5 0 0 0 0 0] Strong QRM2 [XJT] fin 0805z.	PLondon, JoA	THU
	0800z	22/01[674 920 5 79646 77597 52966 54004 43454 920 5 0 0 0 0 0] Strong fin 0805z.	PLondon, JoA	THU
	0800z	29/01[674 920 5 79646 77597 52966 54004 43454 920 5 0 0 0 0 0] Weak fin 0805z.	PLondon, JoA	THU

February 2009:
The same frequencies used for February with same BC QRM problems as January for the 0810z on 9820kHz.

11170kHz	0800z	05/02[674 812 5 64325 66442 78699 34226 23239 812 5 0 0 0 0 0] Strong	JoA, PLondon	THU
	0800z	12/02[674 812 5 64325 66442 78699 34226 23239 812 5 0 0 0 0 0] Strong QRM3 0809z	JoA, PLondon	THU
	0800z	17/02[674 812 5 64325 66442 78699 34226 23239 812 5 0 0 0 0 0] Strong	PLondon	THU
	0800z	26/02[674 812 5 64325 66442 78699 34226 23239 812 5 0 0 0 0 0] Strong QRM2 0805z	PLondon	THU

E23 [XI] Frequencies and Times. All SSB [From AnonUK]

Since December 2004 skeds have become erratic, and may not stick to correct weeks. Some voice transmissions have been heard in week 2
Week 1 Usually starts on the first Monday of the Month, but there have been variations to this.
Times are not rigid, has been known to start as early as Hour + 52 [Tnx AnonUK]. Week 2 was M04 Not heard since September 2000

	Week 1		**Week2**		**Week 3**		**Week 4**	
	Time	**Freq**	**Time**	**Freq**	**Time**	**Freq**	**Time**	**Freq**
Monday	0957	6507			0757	4832	0757	5340
	1157	8188			0957	6200	0957	8188
	1257	5340			1157	8188	1157	7250
					1257	6507		
Wednesday	0957	6507			0757	4832	0757	5340
	1157	8188			0957	6200	0957	8188
	1257	5340			1157	8188	1157	7250

E25 [O]

BREAKING NEWS: A new discovery revealing a new aspect of the structure of some types of messages sent to specific Agents made by Robert from USA. He noted that the first group of a message sent to Agent 440, on 3 March, if reversed, it gives the date. Antonio from Spain, sent the following log which inspired Robert:

E25 9450 kHz 1245z 04/03/09 (AS) Wed Msg : 4030 4001 5890 1310 0664 8831 3005 1637 2510 5890 EOM/EOT at 1249z.

Antonio missed the call because the E25 lady said "440" only twice. But my auto recorder got it. So lets take a look at the 1st group:

4030 →(split)→ 40, 30 →(reverse)→ 04, 03,

which reads "04/03", the date the message was sent! Robert spotted it and informed the group. So is this a general rule? No. It appears to work for *some* calls. I did a quick check on the logs NL51 and NL50 and tabulated when the "trick" works for a specific Agent:

440		350		222		950[1]		275		555		111		780[2]	
28/01	YES	14/01	YES	24/02	YES	26/01	YES	17/02	NO[3]	19/01	YES[4]	18/01	YES	28/01	NO
06/11	YES	17/02	NO	01/11	NO	24/02	YES	10/11	NO[3]	25/01	YES	18/02	YES	05/02	NO
19/11	YES	15/11	YES	11/11	NO[5]	16/11	YES	20/11	YES	16/02	YES	16/11	YES[7]		
		15/12	YES	18/11	YES	28/11	NO[6]	01/12	YES	16/11	NO				
				28/11	NO[6]	25/12	YES			21/12	YES				
				05/12	YES										

Notes:
1) For Agent 950, the *second* group provides the date.
2) Call-only transmission.
3) Special message sent; of the form **ABCD** XYZ xDC
4) First sending of a year, read below.
5) Date group gives 11/12. Mistake?
6) I may missed the previous day TX (one day back date).
7) Duh! Typo in corresponding NL entry.

Another surprise regarding Agents 555 and 222: If the message is the first of the year, the “date” group gives the year (and not the date)! For example: Agent 555, the first “date” group for 2009 (19/01) was 9002! The first “date” group for 2008 (05/01) was 8002! And Agent 222, last year had 8002 as a date group on his first 2008 message. But it didn't happen this year, and that's because 222 gets his messages while Polish Radio International is on air, so I may missed the first transmission for 2009. Take a look at NL45 when the “8002” oddity mentioned for the first time.

Pleas note this is a *preliminary* analysis. Keep your eyes open, do your research (you have plenty of past logs available), and post your thoughts!

Back to the usual stuff now: Music... Oriental music, ABBA, and a nice surprise... one of my favorites, Dire Straits! That happened on 10 January, 6140 kHz. On 25/02, something like praying was heard; unfortunately the transmission was very weak to be sure. In some cases both the usual Oriental and some English songs were heard, like 29 and 30 January. On the other hand, the familiar Win98 startup sound reached the airwaves (25 and 26 January). The latter logged by PLondon in the UK. Antonio from SE Spain reports strong signals on 9450 kHz. Probably E25 signals favor travelling over the Mediterranean! Some breaks/failures were noted, but were minor. And only on four occasions we had a live transmission, namely 04/01 and 12/02, all with weak signals.

In several cases some Agents (220, 09/01, 780 25-27/01) called by the E25 YL, but not given any messages.

Logs at a glance:

<u>January</u>

1	6140	1024	205	4436 3377 8825 3068 9112 8311 0841 5972 3167 0305 5284 2031 2613 2578	AM, tone	
	9450	1242	785	25 29		PLondon [very strong]
			788	22 24 28 31		
2	6140	1017	205	(as of 01/01)	Tone	
	9450	1209	830	29	Tone, IO	
4	6140	0925		MUSIC ONLY	Weak	
		0949	575	39	AM, tone S9...+10dB	
		1026	995	NO COPY	OM live, USB, weak	
		1054	367	8932 08?1 2443 9682 2405 2487 0??? 2411 7194 1362 7679 0520 6434 8348 3869 5780 1217 05?2	OM live, USB, weak	
6	6140	0750	360	**2090** <u>9710</u> 5878 9210 7077 6142 1836 <u>9710</u> 1003	AM, tone, S9 QSB to S7, ended “EOM EOT 3...” then Win98 “dings”	
		0850	804	8188 <u>3350</u> 2510 6299 8422 2587 9980 <u>3350</u> **3890**	Ended “EOM EOT 3...”, “dings”	
		1034	672	5027 2033 4377 4739 6547 3949 8657 3518 9935	Tone, ended “EOM EOT 6...”	
7	6140	0755	360	(as of 06/01)	AM S9...+10dB	
		0845	804	(as of 06/01)	AM, +10dB	
		1025	672	(as of 06/01)		
8	6140	1023	205	9633 4377 5795 5020 1044 6552 5471 0302 8093 5175 1624 7781 9047	Tone, ended “EOM EOT 2...”	
		1117	880	<u>6960</u> 3781 5799 5724 3290 1382 1654 5818 1155 6496 8746 6926 1059 2697 9367 9544 6278 <u>6960</u>		
9	6140	1030	205	(as of 08/01)		
		1115	880	(as of 08/01)	Ended “EOM EOT 8...00 1...”	
	9450	1342	220	CALL ONLY	ALM, Mx3 only	
10	6140	0834	804	6488 <u>7740</u> 8108 8688 1589 9744 8109 2871 3728 8423 <u>7740</u> **4821**	AM, Dire Straits(!), tone, S9...+10dB	
		1023	672	6022 8015 4766 1329 4512 7655 4910 5345 2822 6504 4955 4691 5765 1281	AM, tone, S9...+10dB	
	9450	1242	785	32	Tone	
			788	22 24 28 31	Ended “EOM EOT”	PLondon [fair]
11	6140	0836	804	(as of 10/01)	AM, tone +10dB	
		1030	672	(as of 10/01)	Tone	
12	6140	1028	205	2371 5377 6250 1447 6178 7415 8956 4496 4807 7874 1724 4849 4788	Tone	
	9450	1242	785	34	Tone	
			788	(as of 10/01)	Ended Mx2	
14	6140	0940	350	*4110* <u>5611</u> **9131** 2350 8523 8363 8950 2183 4078 1995 5075 1655 <u>5611</u>	AM, +10dB	
15	6140	0939	355	6	IO, ended Mx3	
18	6140	0852	111	*8110* <u>1741</u> **5011** 5105 5225 6605 6899 1176 5262 6761 <u>1741</u>	AM, S9	PLondon [strong]
	9450	1221	555	*9002* **6090** <u>2990</u> 6565 6451 1207 9672 4130 5809 <u>2990</u>	ALM	
19	6140	0900	200	5	AM, tone, +10dB, ended “2...2...2...” etc, then “Mx3, Rx3, EOM EOT”	
25	9450	1220	555	*5210* **7021** <u>8920</u> 8516 7552 0622 5200 6177 3970 3787 3813 <u>8920</u>	AM, ALM, +20dB	PLondon
		1239	780	NO MESSAGE	AM, tone, +10dB peaks +30dB	PLondon
			788	9395 **2060** <u>8431</u> 5607 5134 <u>8431</u>	Win98 startup sound, audio buzz	
26	6140	0910	950	**6021** *6210* <u>3722</u> 2051 1454 5320 8050 6107 2460 3935 5131 <u>3722</u>	AM, tone, +10dB	
	9450	1228	557	5	ALM	PLondon [fair]
		1238	780	NO MESSAGE	Win98 startup sound, tone	PLondon
			788	(as of 25/01)		
27	6140	0915	955	5	AM, tone, S9...+10dB	
		0955		MUSIC ONLY	ABBA, brief tones	
		1024	672	7022 9046 6498 9005 9038 7988 0927 3176 7938 1445 6970 9918 2928 3652 4090 0678 4025 8678 4363 6840 5040	Tone	

	9450	1236	780	NO MESSAGE	Tone	PLondon [strong]
			788	(as of 25/01)		
28	6140	1017	672	(as of 27/01)	Off-freq, non-oriental music, tone	
	9450	1239	440	*8210* **3001** 2911 5046 4514 2213 1828 1511 0205 2911	Tone	PLondon
			780	7929 **3061** 4810 7610 1760 9892 5893 2487 6163 5158 3871 3049 6723 9062 5637 4810		
29	9450	1220	440	(as of 28/01)	Oriental music, then ABBA, mYL, tone	AS
30	9450	1324	227	14	ABBA, ALM	
			220	6 7 8 9 10 11 12 13	Ended "22...22..."	

February

5	9450	1233	785	37		PLondon [strong]
			788	22 24 28 31 33 35 36		
			780	9794 **4041** 5751 5814 0702 8079 1993 1337 9752 0410 4678 0760 6060 5751		AS [strong]
6	9450	1245	785	(as of 05/02)		AS
			788	(as of 05/02)		
			780	(as of 05/02)		
8	6140	0954	575	40 41	Tone, buzz	
12	6140	1115	???	NO COPY	Off-freq, OM live, very weak	
	9450	1214		MUSIC ONLY	Oriental music, very weak	
		1245	88?	42...	OM live, very weak, breaks	
14	6140	1036		TONE ONLY	AM, tone, +10dB	
15	6140	0933		TONE ONLY	AM, peaks S9, tone, QSB to S4	
		0946		MUSIC ONLY	IO QSB to S4, IO and other oriental songs, tone, QRT at 1014z	
16	6140	1112	880	3311 **4702** 8799 8671 8483 1462 0884 9059 4890 2848 9585 6730 0562 2285 3664 3184 3422 8125 5462 3311	Tone	
	9450	1218	555	*6120* **7001** 3621 5020 8331 2892 7406 3431 2113 3621	ALM	AS [v good]
17	6140	0800	360	**3041** 0520 2804 0236 3857 8056 6410 3067 6465 9845 2365 2601 0520 1003	AM, tone +10dB	
		0835	804	7588 0650 1244 1861 3397 4011 6490 4628 9124 3331 7845 8773 0650 **5841**	AM, tone, S9 peaks +10dB	
		0941	350	5321 6790 **0231** 2350 7166 5550 6761 8592 7273 8686 4139 6610 6790	IO	
		1041	128	2466 **2202** 1870 5632 1992 6387 0781 3650 4003 5740 1017 6384 6854 7775 8838 7727 3723 6104 7071 1870	Tone	
		1112	880	(as of 16/02)	Tone	
	9450	1200	275	**1001** 280x3 080 280x5	Tone, 5th group must be a mistake	
18	6140	0753	360	(as of 11/02)	Tone, break during msg	
		0842	804	(as of 17/02)	Tone	
		0853	111	*8120* 2641 **6021** 6976 2576 2266 5599 4229 0534 4944 1609 2641	Tone	
		0944	355	7	IO	
		1041	128	(as 0f 17/02)	Tone	
	9450	1200	277	1	Tone	PLondon [strong]
		1225	557	6	ALM	PLondon
19	6140	1027	205	1107 6374 8084 7972 4494 1705 9806 7066 4677 2598 7094 4664 1342 5567	Tone, too much audio gain	
		1111	880	9420 **5712** 1092 1331 4942 9458 8484 3239 2854 2736 2706 9123 9673 4517 8929 9554 8532 3974 3286 2671 9420	Tone	
20	6140	1115	880	(as of 19/02)	Tone	Mr. DXer
23	6140	0757	012	5900 7631 3978 1935 4070 5837 7402 3595 2467	AM, tone, S9...+10dB	
		0930	133	7693 9641 8755 9536 4788 7670 0427 7099	Tone	
			323	**6131** 7610 0610 6710 1041 1945 8967 3717 5648 7992 8029 5344 7610		
		1022	205	1234 7377 9639 2367 9109 3425 0349 9511 6244 5280 0974 5537 1275 9217	Tone	
24	6140	0802		TONE ONLY	AM, S9	
		0914	950	**7051** *4220* 3780 9525 9951 5467 5292 9322 6711 3897 7795 4112 8886 2994 3780	AM, +10dB	
		0930	133	(as of 23/02)	Win98 startup sound, tone	
			323	(as of 23/02)		
		1042	126	12	"1...2..." then tone, QRT with a "ding"	
	9450	1332	222	*4220* **5090** 8590 9741 8012 7563 4976 7282 8590	Carrier off-freq, ALM	
25	6140	0905		MUSIC ONLY	Holy Qur'an? weak	
	9450	1342	222	(as of 24/02)	ALM	AS
26	6140	0911	955	6	AM, S9 QSB S6, ended "Mx3 Rx3"	

Credits: AS, Mr. DXer, PLondon and Robert [USA].

E27 [O] **Nil Reports**

G06 [IA] **H-FD's G06 Chart can be seen in the Chart Section of this Newsletter**

January 2009:

4519kHz	1830z	08/01[271 0 0 0 0 0] ends 1834z		PLondon	THU
	1830z	12/02[271 0 0 0 0 0]		RE	THU
	1830z	22/01[271 0 0 0 0 0] Poor ends 1834z	QRM3	PLondon	THU
4792kHz	1930z	09/01[436 0 0 0 0 0] ends 1933z		PLondon	FRI

February 2009:

4519kHz	1830z	12/02[271 00000] Fair with Data and XWP QRM2 ends 1834z		PLondon	THU
4792kHz	1930z	13/02[436 00000] Strong – to 20dBs ends 1934z		PLondon	FRI

The above logs lead into PoSW's anal;ysis of G06

Not a lot of activity from G06 these days; I haven't been able to find the hitherto long-standing first Monday in the month 1900 + 2000 UTC schedule, call "308" since November - the earliest reference to this schedule I can find in my old log books is in July 1997 and no doubt it had been around long before that. And that leaves just the second + fourth Thursdays in the month 1830 UTC schedule with another sending on the Friday at 1930 UTC - unless anyone knows otherwise! Last sent a "full message" in September of last year, has been four minutes of "00000 - no message" since then, which might indicate that this schedule is also on the way out.

Thursday 1830 UTC Schedule:-

25-Dec-08:- 4,519 kHz, "271 271 271 00000", peaking S9+ at times, some kind of swept carrier QRM. Started about 55 seconds before the half-hour by my 60kHz controlled clock.

12-Feb-09:- 4,519 kHz, "271 271 271 00000", S9 over-riding all sorts of noises on the frequency. Started within a second or two of 1830z - which in itself is a bit unusual for this schedule! Missed this one in January, too busy shovelling down my evening meal at 1830 UTC!

Friday 1930 UTC Schedule:-

26-Dec-08:- 4,792 kHz, "436 436 436 00000", S9 signal.

9-Jan-09:- 4,792 kHz, "436 436 436 00000", strength S6 to S7, somewhat weaker than usual. Has survived into 2009, then. Missed possible 1830z transmission yesterday.

23-Jan-09:- 4,792 kHz, "436 436 436 00000", very noisy frequency. Started about 35 seconds early.

13-Feb-09:- 4,792 kHz, "436 436 436 00000", S9 signal this evening.

G11 [III]

8088kHz	0730z	07/01[508/00] Strong ENDE 0733z		Westli, PLondon	WED
	0730z	14/01[508/00] Strong ENDE 0733z		PLondon	WED
	0730z	21/01[508/00] Strong ENDE 0733z		PLondon	WED
	0730z	28/01[508/00] Strong ENDE 0733z		PLondon	WED
9443kHz	1100z	02/01[508/00] Fair QRM2 ENDE 1103z		PLondon	FRI
	1100z	09/01[508/00 >>> ende].		JoA, PLondon	FRI
	1100z	16/01[508/00] Strong ENDE 1103z		Westli, Phil	FRI
	1100z	23/01[508/00] Fair QRM2 ENDE 1103z	*~ poor sigs for G11 ~*	PLondon	FRI
	1100z	30/01[508/00] Strong ENDE 1103z		PLondon	FRI

With G11 not being heard since 30/01 one had to ask if this is another station to bite the dust? Thanks to RNGB the Wed 0730z has been found to be 6252kHz, whilst the Friday 1100z frequency was found to be 7317kHz and notified to ed by 'Blazon'. Thanks both and also to the op who located Friday's.

SLAVIC STATIONS

S06 [IA]
To start we present Gert's S06 slow logs [thanks Gert]:

S06 (slow, YL)
January report

Mondays
1300/1310 8420/10635 '831' [831-206/5=17754 56143 81431 12456 41138]
1600/1610 7436/6668 '176' [176-280/5=91435 46963 08723 76856 68232]

Tuesdays
0700/0715 5250/6320 '374' [374-860/5=79646 77197 12866 54004 43453]
0800/0810 5810/7440 '418' [418-506/7=64449 23646 15941 48555 51565 92581 70059]
0800/0810 10265/9135 '352' [352-490/7=95687 65764 52835 34375 45401 61444 74550]
1230/1240 5810/6770 '278' [278-945/6=40854 28744 52553 74524 85985 64315]
1500/1510 5070/6337 '537' [537-298/6=46686 88675 33319 66655 92518 66568]

Wednesdays	0530/0540 9435/11075	153’ Too weak to copy.
	0820/0830 6880/7840	‘471’ [471-836/5=45569 69245 41865 63154 64350]
	0830/0840 7335/11830	‘745’ [745-918/6=35754 95451 39375 54626 46447 47632]
	0840/0850 9260/11415	‘328’ [328-510/6=37598 44656 57458 55667 68559 51769]
	0900/0910 12365/14280	‘729’ [729-480/5=47143 46569 42581 45624 17426]
	1200/1210 7030/6305	‘481’ [481-520/6=27698 01900 05956 91535 14028 16642]
	1230/1240 4580/6420	‘967’ [967-820/5=5055x 58258 28524 81854 45299] very weak signal. Not sure of all the numbers
	1430/1450 5320/6515	‘624’ [624 00000]
	1900/1910 8530/7520	‘371’ Too weak to copy.
Thursdays	0800/0810 11170/9820	E17z ‘674’ 920 5 79646 77197 12966 54004 43454
	0900/0910 9750/10580	‘167’ 208 5 17754 56142 81431 12456 41138
	1000/1010 8535/10480	‘895’ 406 7 91435 46963 08724 76856 68232
	1200/1210 10580/9950	‘425’ 967 8 75640 83927 10938 57281 63889 46502 98931 89765
	1230/1240 7865/5310	‘314’ 209 5 91887 67590 38290 39846 10296
Fridays	0600/0610 5460/?	‘934’ 510 6 98108 76815 34876 56750 12130 98926
	0700/0710 7150/8215	‘196’ [196-205/7=20398 71629 47630 87661(possible 87551) 20671 89173 45132]
	0930/0940 11780/12570	‘516’ [516-942/8=49967 77858 53552 25458 74544 27478 65704 19628

And onto others’logs:

January 2009

5321kHz 1430z	21/01[624 00000]	FrankE2kde	WED
7150kHz 0700z	16/01[512 942/8 49967]	Westli	FRI
Had trouble identifying the number 5 (Pyat) It was a very clear signal and the probable 5 was pronounced "dat"			
8215kHz 0710z	16/01[512 942/8 49967]	Westli	FRI
Had trouble identifying the number 5 (Pyat) It was a very clear signal and the probable 5 was pronounced "dat"			

S06 (slow, YL)

February report

Mondays	1300/1310 8420/10635	‘831’ [831-460/5=95840 64601 84225 93686 65725]
	1600/1610 7436/6668	‘176’ [176-298/5=88559 95559 63765 56587 25524]
Tuesdays	0700/0715 5250/6320	‘374’ [374-896/5=29565 91894 44462 55054 15986]
	0800/0810 5810/7440	‘418’ [418-903/5=53555 45469 21283 34515 58843]
	0800/0810 10265/9135	‘352’ [352-914/6=95250 27855 45532 25073 09295 45568]
	1230/1240 5810/6770	‘278’ [278-513/6=56178 87619 45320 91887 41256 45321]
	1500/1510 5070/6337	‘537’ [537-428/6=89700 67549 54231 09546 15664 34298]
Wednesdays	0530/0540 9435/11075	153’ [153-too weak to copy]
	0820/0830 6880/7840	‘471’ [471-853/6=49655 15359 63545 75547 57622 51144]
	0830/0840 7335/11830	‘745’ [745-891/6=49539 24355 92205 78185 91353 17684]
	0840/0850 9260/11415	‘328’ [328-546/7=02456 91415 55013 58249 17444 85298 70925]
	0900/0910 12365/14280	‘729’ NHR
	1200/1210 7030/6305	‘481’ [481-960/?=too weak to copy]
	1230/1240 4580/6420	‘967’ [967-481/5=55??? 34579 31946 78876 30720 ?????]
	1430/1450 5320/6515	‘624’ NHR
	1900/1910 8530/7520	‘371’ [371-894/5=32239 34729 34255 55416 45859]
Thursdays	0800/0810 11170/9820	E17z [674-812/5=56432 66442 78699 34323 23239]
	0900/0910 9750/10580	‘167’ [167-289/5=09674 56498 32108 95642 33078]
	1000/1010 8535/10480	‘895’ [895-471/6=94018 87531 56535 16141 13016 61325]
	1200/1210 10580/9950	‘425’ [425-970/6=71836 16305 11341 41334 62451 07348]
	1230/1240 7865/5310	‘314’ [314-296/5=56423 78645 45312 70964 45427]
Fridays	0600/0610 5460/?	‘934’ [934-270/5=90756 56593 24316 78550 12120]
	0700/0710 7150/8215	‘196’ [196-427/5=90756 43427 77834 12196 66046]
	0930/0940 11780/12570	‘516’ [516-204/7=48509 41276 05296 06796 14957 59859 55184]

February 2009

5460kHz 0600z	06/02 slow / inaudible	RE	FRI
6337kHz 1510z	10/02[YL calling "537" ends 00000 at 1515z Noisy]	AS	TUE
6770kHz 1240z	10/02/09 (AS) Tue YL calling "278".Weakly.Ends 1245z]	AS	TUE

6965kHz 2115z	09/02/09 (AS) Mon OM calling "684 684 684 00000 ends 2119z]	AS	TUE
7150kHz 0700z	06/02 [196-427] slow	RE	FRI
7520kHz 1910z	18/02[371 894 5 32239 34729 34255 55416 45859 0 0 0 0 0] YL S7 fades but good	Mndbs	WED
8215kHz 0710z	06/02 [196-427] slow, noisy	RE	FRI
8530kHz 1900z	18/02[371 894 5 32239 34729 34255 55416 45859 0 0 0 0 0] YL S7 clear	Mndbs	WED
11780kHz 0930z	06/02 [516] slow	RE	FRI
12570kHz 0940z	06/02 [516] slow	RE	FRI

Logs from RNGB:

Thurs 19 Feb	1900z	3189	'407' 00000
Sat 21st	1600z	4613	'969' 00000
Mon 23rd	1905z	3672	'407' 00000
	2115z	6965	'684' 00000
	2215z	5320	'684' 00000
Tues 24th	1605	8130	in progress; ended 21917 21440 512 42 00000
Thurs 26th	1900	3189	'407' 00000
Sat 28th	1600	4613	'969' 00000
	1930	3252	'274' 00000

PoSW offers his logs [and an exciting account of a power cut]:

Saturday 1600 or 1605 UTC Schedule:-

27-Dec-08:- 1600 UTC, 4,767 kHz, calling "685" for a full message, DK/GC "372 372 41 41", same as when I was last able to hear this one on the 13th. Carrier was up today at 1546z, tone shortly afterwards followed by a single "Shesht vosyem pyat"

3-Jan-09:- 1600 UTC, 4,613 kHz; a change of frequency and call for the New Year, "Deviet shesht deviet", four minutes of "969 969 969 00000".

17-Jan-09:- 1600 UTC, 4,613 kHz, "969 969 969 00000".

31-Jan-09:- I never got the chance to see if this one showed up today because at about 1550 UTC, just as I was tuning a receiver to 4,613 the electricity mains went off - and on - and off and on - and off - and stayed off. Yep, a power cut! By the time I had checked up and down the street to confirm the whole district was off, and by the time I had fired up my only battery powered HF radio, a little Eton E5, it was around 1620z and the Russian Man would have finished his 1600z excursion. And the power stayed off! It was wonderful tuning around the lower part of the shortwave spectrum, most of all the 80 metre amateur band, and finding none of the usual burbles, gurgles and rasping noises because there wasn't a single TV, plasma screen, switch-mode power supply or compact fluorescent lamp running within a mile. I was glad I had invested a few quid in several battery powered and hand-cranked dynamo lamps using the new high-brightness LEDs; it wasn't long before I was wishing I had invested a few hundred quid in that Honda 2.5 kVA generator I keep promising to buy as a present to myself! Ever the optimist, I expected the power to be restored in about 30 minutes, an hour at the most; wrong! No power until a bit before 0100 UTC, i.e. one-o'clock in the morning, on Sunday. Nine hours without electricity in the middle of a cold, grim English winter! My worst Saturday night for a long, long time!

7-Feb-09:- 1600 UTC, 4,613 kHz, "969 969 969 00000", strength S8 to S9, a strong WEFAX station started up approx 3 kHz LF at about 3 minutes into the transmission

21-Feb-09:- 1600 UTC, 4,613 kHz, "969 969 969 00000", strong signal, S9 to S9+.

Saturday 1930 or 1935 UTC Schedule:-

3-Jan-09:- 1930 UTC, 3,247 kHz, found approx. 2 minutes into the transmission with "274 274 274 00000", S9 signal. Was on 4,952 in September and October last year, also with call "274" but I lost track in the late autumn and early winter months until today.

10-Jan-09:- 1930 UTC, 3,252 kHz, slight change of frequency, "274 274 274 00000", peaking S9.

17-Jan-09:- 1930 UTC, 3,256 kHz, another slight shift, "274 274 274 00000", heterodyne from something on 3,255, probably the carrier of a far-off tropical broadcast station.

24-Jan-09:- moved in both time and frequency this evening, not found after 1930z near 3,240 - 3,260 kHz, but showed up on 3,812 kHz with a strong signal, in progress at 1937z, still with "274 274 274 00000". And I see 3,812 at 1935z is shown in the E2K "S06 Prediction" charts.

7-Feb-09:- 1935 UTC, 3,812 kHz, "274 274 274 00000".

14-Feb-09:- 1930 UTC, 3,252 kHz, S06 back below the 80 metre band, "274 274 274 00000". Strength S6 to S7, carrier with tone noted on 3,252 around 1920z, single spoken "Dva syem cheteria" shortly after.

21-Feb-09:- 1930 UTC, 3,252 kHz, "274 274 274 00000", carrier with audio tone up on 3,252 when checked at 1915 UTC, single spoken "Dva syem cheteria" a few minutes later.

Second + Fourth Mondays in the Month Schedule:-

22-Dec-08:- 2115 UTC, 6,835 kHz, "632 632 632 00000", Voice appeared to pause for a few seconds around 2117z before continuing . Second sending 2215 UTC, 5,185 kHz.

12-Jan-09:- 2115 UTC, 6,920 kHz, "121 121 121 00000".

2215 UTC, 5,175 kHz, second sending, same frequencies, +/- a few kHz, and same call as in January last year.

26-Jan-09:- 2115 UTC, 6,920 kHz, "121 121 121 00000", S9 signal, missed second sending at 2215 UTC.

9-Feb-09:- 2115 UTC, 6,965 kHz, "684 684 684 00000", same frequency as in February last year; I was so freaked out by watching the depressing 10 p.m. TV news that I forgot to look for the second sending at 2215z, probably on 5,320 kHz .

23-Feb-09:- 2115 UTC, 6,965 kHz, "684 684 684 00000", fourth Monday in the month.
2215 UTC, 5,320 kHz, second sending, S9 signal on the expected frequency, carrier with tone found 2206 UTC, single spoken "Shesht vosyem cheteria" shortly after.

Other S06 O.M. Voice:-

18-Feb-09, Wednesday:- 1802 UTC, 3,540 kHz, S06 in progress in the CW portion of the 80 metre amateur band with, "471 471 471 00000", strong signal with deep modulation. Stopped after 1804z.

S11a [III]

January 2009:

7798kHz	0915z	06/01[221/00] Strong FINIT 0918z	PLondon	TUE
	0915z	07/01[221/00] Strong FINIT 0918z	PLondon, PH,Teleg1	WED
7798kHz	0915z	13/01[223/77 V 91350….] rest unknown FINIT 0935z	PLondon, AF	TUE
	0915z	20/01[223/77 V 91350….] rest unknown, fair QSB2 FINIT 0935z	PLondon	TUE
	0915z	21/09[223/77V……] Fair	PLondon	WED
7798kHz	0915z	14/01[221/00] Strong FINIT 0918z	PLondon, JoA	WED
9960kHz	1030z	01/01[214/00] Weak FINIT 1033z	PLondon	THU
	1030z	15/01[214/00] Weak FINIT 1033z	PLondon	THU
	1030z	22/01[214/00] Strong FINIT 1033z	JoA, PLondon	THU
	1030z	29/01[214/00] Fair FINIT 1033z	PLondon	THU
10210kHz	0900z	19/01[976/00] S9	JoA, PLondon	MON
10384kHz	1000z	01/01[976/00] Weak QRM3 FINIT 1003z	PLondon	THU
	1000z	08/01[976/00] Weak FINIT 1003z	PLondon	THU
	1000z	15/01[976/00] Weak FINIT 1003z	PLondon	THU
	1000z	22/01[976/00] Weak FINIT 1003z	PLondon	THU

S11b

January 2009:

7798kHz	0915z	27/01 [228/35 V 77777 77777 77732 … 43708 77777] Strong FINIT 0926z	JoA, PLondon	TUE
	0915z	28/01 [228/35 V 77777 77777 77732 … 43708 77777] Strong FINIT 0926z	PLondon	TUE
9960kHz	1030z	08/01[210/38 V 77777 77777 36761 … 69019 77777] Fair QSB2 FINIT 1041z	PLondon	THU
10210kHz	0900z	05/01[976/00] Weak QRN2 stronger towards end FINIT 0903z	PLondon	MON
10210kHz	0900z	26/01[979/31] S7 QRM 979/31 V 77777 77777 51122 91541 54695 83749 31421 05028 05726 54356 57792 05109 01673 53843 14136 53858 62881 83656 14961 54617 20576 04031 09043 35654 85709 74505 42313 86115 65369 77777 77777 FINIT 0910z	Mndbs, PLondon	MON
10384kHz	1000z	29/01[97?/38 V 77777 ……] end uk, very weak	PLondon	THU

S11a

February 2009:

7798kHz	0915z	03/02[221/00] Fair FINIT 0918z	JoA, PLondon	TUE
	0915z	04/02[221/00] Strong FINIT 0918z	PLondon	WED
	0915z	10/02[221/00] RST41 YL	JPL20, PLondon	TUE
	0915z	11/02[221/00] Strong FINIT 0918z	PLondon, JPL20	WED
9610kHz	0900z	04/02[214/00] Poor XJT QRM3 just audible, end not heard	PLondon	WED

9960kHz	1030z	05/02[214/00] Strong FINIT 1033z	PLondon	THU
	1030z	19/02[214/00] Fair FINIT 1033z	PLondon	THU
	1030z	26/02[214/00] Weak FINIT 1033z	RNGB, PLondon	THU
10210kHz	0900z	09/02[976/00] Strong QRM2 FINIT 0903z	PLondon	MON
	0900z	16/02[976/00] Fair FINIT 0903z	PLondon, Mndbs	MON
	0900z	23/02[976/00] Weak FINIT 0903z	RNGB, PLondon	MON
10384kHz	1000z	12/02[976/00] Weak FINIT 1003z	PLondon	THU
	1000z	19/02[976/00] Fair FINIT 1003z	PLondon	THU
	1000z	26/02[976/00] Fair FINIT 1003z	RNGB, PLondon	THU

S11b:

February 2009:

7798kHz	0915z	17/02[227/32 V 77777 77777 12860 … 58820 77777] Strong QRM2 FINIT 0925z	RNGB, PLondon	TUE
	0915z	18/02[227/32 V 77777 77777 12860 … 58820 77777] Strong . FINIT 0925z	PLondon, RNGB	WED
	0915z	24/02[228/33 V 77777 77777 78835 … 33322 77777] Fair FINIT 0926z	PLondon	TUE
	0915z	25/02[228/33 V 77777 77777 78835 … 33322 77777] Strong FINIT 0926z	PLondon	WED
9960kHz	1030z	12/02[218/32 V 77777 77777 52303 ……] Weak, QRM obviated ending	RE, PLondon	THU
10210kHz	0900z	02/02[970/34 V 77777 77777 65751 … 50775 77777] 0911z ('Finit' not heard to close sending).	PLondon	MON
10384kHz	1000z	05/02[970/35 V 77777 77777 …..] End unknown Weak QRM2	PLondon	THU

S14 **Nil Reports**

S17c [IXC] **Nil Required Heard**

S21 [XIV]

S25 [IA] **Nil Reports**

S28 [IC] **Nil Reports**
S30 [IXC] **Nil Reports**

S32[O]

V02a [XVIII] **Mark's splendid charts can be found in the Charts section**

January 2009

3292kHz	0200z	20/01[71381 81272 48422]	BS3	TUE
3389kHz	0100z	20/01[1381 81272 48422]	BS3	TUE
4028kHz	0200z	17/01[88302 45761 81221]	BS3	SAT
4034kHz	0400z	19/01[31861 71421 05371]	BS3	MON
5135kHz	0100z	17/01[88302 45761 81221]	BS3	SAT
5771kHz	1500z	16/01[88261 10822 55051]	BS3	FRI
	1500z	17/01[03451 65621 63021]	BS3	SAT
	1500z	18/01[85522 01122 07332]	BS3	SUN
	1500z	20/01[TFC too weak to copy here]	BS3	TUE
	1500z	26/01[TFC too weak to copy here]	BS3	MON
5883kHz	0700z	16/01[32512 57532 48001]	BS3,MG,Wstli	FRI
	0700z	17/01[02441 53832 75011]	BS3	SAT
	0700z	18/01[33601 18462 81672]	BS3, Westli	SUN
	0700z	19/01[72151 53512 77121]	BS3	MON
	0700z	20/01[31331 88822 83722]	BS3	TUE
	0700z	25/01[A72222 84861 81301]	Westli	SUN
	0700z	26/01[A71612 70682 12842]	BS3	MON
5898kHz	0800z	16/01[32512 57532 48001]	BS3,Westli	FRI
	0800z	17/01[42441 53832 75011]	Westli, BS3	SAT
	0800z	18/01[33601 18462 81672]	BS3,Westli	SUN
	0800z	19/01[72151 53512 77121]	BS3	MON
	0800z	20/01[31331 88822 83722]	BS3	TUE
	0800z	24/01[A05401 33831 …..] Fair	PLondon	SAT
	8000z	25/01[A72222 84861 81301] Strong	PLondon, Westli	SUN
	0800z	26/01[A1612 70682 12842]	BS3	MON
	0800z	31/01[A24350 74681 83182] ended 0816 then data bursts	PLondon	SAT

6768kHz	0400z	19/01[78172 77162 38762]	BS3	MON
6786kHz	0700z	18/01[61472 13262 11631]	BS3,Westli	SUN
	0700z	25/01[A47021 73172 32341]	Westli	SUN
6855kHz	2100z	16/01[42272 40282 64307]	BS3,Westli	FRI
	2100z	17/01[06252 75051 50722]	BS3	SAT
	2100z	18/01[67221 01251 31671 very weak]	Westli	SUN
	2100z	19/01[81871 28571 82012]	BS3	MON
	2100z	20/01[66482 00681 81842]	BS3	TUE
	2100z	26/01[A00311 32081 57302]	BS3	MON
7887kHz	2000z	16/01]42272 40282 64307]	BS3,Westli	FRI
	2000z	17/01[06352 75051 50722]	BS3	SAT
	2000z	18/01[67221 01251 31671]	BS3	SUN
	2000z	19/01[47361 27872 15171]	BS3	MON
	2000z	20/01[66482 00681 81842]	BS3	TUE
	2000z	25/01[A13431 77461 87642]	Westli	SUN
	2000z	26/01[A00311 32081 57302]	BS3	MON
9063kHz	0700z	20/01[24171 14282 47772]	BS3	TUE
9240kHz	1000z	17/01[35721 72452 71002]	BS3	SAT
12180kHz	1900z	20/01[54512 37522 46332]	BS3	TUE
13380kHz	2000z	20/01[54512 37522 46332]	BS3	TUE
17435kHz	1700z	18/01[47631 54882 00031]	BS3	SUN
	1700z	20/01[***** 70411 00882 up late]	BS3	TUE
	1700z	26/01[A72711 38121 54422]	BS3	MON
17515kHz	1600z	18/01[47631 54882 00031]	BS3	SUN
	1600z	26/01[A72711 38121 54422]	BS3	MON

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3389kHz	0100z	24/02[A86332 08061 72711]	BS3	TUE
	0200z	24/02[TFC very bad audio]	BS3	TUE
4028kHz	0100z	20/02[A 12182 01681 05572 (YL/SS)]	MS	FRI
4035kHz	0400z	02/02[111111111111111' s]	BS3	MON
4174kHz	0300z	09/02[A25772 14601 35432]	BS3	MON
5417kHz	0200z	20/02[A 12182 01681 05572 (YL/SS)]	MS	FRI
5771kHz	1500z	03/02[TFC too weak to copy here]	BS3	TUE
	1500z	09/02[TFC weak]	BS3	MON
	1505z	24/02[TFC up late]	BS3	TUE
5883kHz	0700z	02/02[A76542 35852 13712] Strong ended 0723z then data	PLondon	MON
	0700z	02/02[A06452 35852 13712]	BS3, Westli	MON
	0700z	03/02[A36271 47242 56141]	BS3, Westli	TUE
	0700z	06/02[A76161 86431 62542] Strong end uk	PLondon	FRI
	0700z	06/02[A76161 71851 58011] Strong end uk	PLondon	SAT
	0700z	07/02[A76161 71851 58011 (YL/SS)]	MS, PLondon	SAT
	0700z	08/02[A76161 66162 00872]	BS3, Westli	SUN
	0700z	09/02[A 38052 51582 24771] Strong	PLondon, BS3	MON
	0700z	12/02[A32741 80321 33632] Strong QRM2 QSB2	PLondon	THU
	0700z	16/02[A85411 45751 23482] Strong QRM2	PLondon	MON
	0700z	19/02[A74491 26431 78571] Weak QRM2	PLondon, MS	THU
	0700z	21/02[A 05531 06041 23822 (YL/SS)] end 0716z with 060	MS, PLondon	SAT
	0700z	22/02[A53502 60062 22532]	Westli	SUN
	0700z	23/02[A02472 77272 41461] Strong	PLondon	MON
	0700z	23/02[A02472 77272 41461]	Westli	MON
	0700z	24/02[A22221 14662 40081]	BS3	TUE
	0700z	26/02[A84101 12441 17532]	PLondon	THU
5898kHz	0800z	02/02[A76542 35852 13712] Strong end unknown	PLondon	MON
	0800z	02/02[A06452 35852 13712]	BS3, Westli	MON
	0800z	03/02[A37271 47242 56141]	BS3, Westli	TUE
	0800z	06/02[A76161 71851 58011] Strong end uk	PLondon	SAT
	0800z	07/02[A 76161 71851 58011 (YL/SS)]	MS, PLondon,Westli	SAT
	0800z	08/02[A 76161 60051 38771 (YL/SS)]	MS, BS3, Westli	SUN
	0800z	09/02[A 38052 51582 24771] Strong	PLondon, BS3	MON
	0800z	16/02[A85411 45751 23482] Strong	PLondon	MON
	0800z	19/02[A74491 26431 78571]	MS	THU
	0800z	20/02[A74492 56730 68131] Strong	PLondon	FRI

5898kHz	0800z	21/02[A20231 12471 45741] end uk	PLondon	SAT
	0800z	22/02[A13552 02331 36531]	Westli	SUN
	0800z	23/02[A64721 88811 85662] Strong Data QRM5	PLondon	MON
	0800z	24/02[A22221 03282 52512]	BS3	TUE
6867kHz	1600z	08/02[A1401 64211 88882]	BS3	SUN
6768kHz	0400z	02/02[111111111111111' s]	BS3	MON
6785kHz	1900z	03/02[A81441 34532 18022, moved to 12180k// M8a came up at 1913z in TFC]	BS3	TUE
6786kHz	0700z	08/02[A71431 27711 72821]	Westli	SUN
6855kHz	2100z	01/02[A 06422 70432 23342 (YL/SS)]	MS	SUN
	0300z	02/02[111111111111111]	BS3	MON
	2100z	02/02[A28152 10041 67721"final ,final " at 2142z]	BS3,ASEA5	MON
	2100z	03/02[A 27602 51701 74732 (YL/SS)]	MS, ASEA5	TUE
	2100z	04/02[A 60162 81632 31152 (YL/SS)]	MS	WED
	2100z	07/02[A 64412 68312 38732 (YL/SS)]	MS, Westli	SAT
	2100z	08/02[A27231 28512 14622]	BS3	SUN
	0300z	09/02[A 03122 35131 40202]	BS3	MON
	2100z	09/02[A 61132 78361 46381 (YL/SS)]	MS, BS3	MON
	2100z	10/02A 83872 81272 58141 (YL/SS)]	MS	TUE
	2100z	11/02[A 06892 84771 74281 (YL/SS)]	MS	WED
	2100z	18/02[A 37461 73832 00182 (YL/SS)]	MS	WED
	2100z	20/02[A 17182 02141 10051 (YL/SS)]	MS	FRI
	2100z	21/02[A 45841 86372 43012 (YL/SS)]	MS	SAT
	2100z2	22/02[A 76771 66312 71621 (YL/SS)]	MS	SUN
	0300z	23/02[A11661 41211 00002 weak]	Westli	MON
	2100z	24/02[A52142 02572 22051]	BS3	TUE
7855kHz	2100z	03/02[A27602 51701 74732]	BS3	TUE
7887kHz	2000z	01/02[A 06422 70432 23342 (YL/SS)]	MS, ASEA5	SUN
	2004z	02/02[***** 10041 67721 came up late]	BS3	MON
	2000z	03/02[A27602 51701 74732]	BS3	TUE
	2000z	07/02[A 64412 68312 38732 (YL/SS)]	MS, Westli	SAT
	2000z	08/02[A7231 28512 14622]	BS3	SUN
	2000z	09/02[A61132 78361 46381]	BS3	MON
	2000z	11/02[A 06892 84771 74281 (YL/SS)]	MS	WED
	2000z	18/02[A 37461 73832 00182 (YL/SS)]	MS	WED
	2000z	19/02[A 04152 40721 42181 (YL/SS)]	MS	THU
	2000z	21/02[A 45841 86372 43012 (YL/SS)]	MS	SAT
	2000z	22/02[A 76771 66312 71621 (YL/SS)]	MS	SUN
	2000z	24/02[A03852 11171 30772]	BS3	TUE
	2000z	25/02[A 67071 04402 56882 (YL/SS)]	MS	WED
9040kHz	0900z	04/02[A 58801 23881 12432 (YL/SS)]	MS	WED
	0900z	11/02[A 86551 35311 60021 (YL/SS)]	MS	WED
	0900z	18/02[A 74491 37341 57062 (YL/SS)]	MS	WED
	0900z	25/02[A 22221 36481 76061 (YL/SS)]	MS	WED
9063kHz	0700z	19/02[A 76611 16681 00081 (YL/SS)]	MS	THU
	0700z	24/02[A10002 65841 53421]	BS3	TUE
9240kHz	1000z	07/02[A 83402 10472 42341 (YL/SS)]	MS	SAT
	1000z	18/02[A 74491 37341 57062 (YL/SS)]	MS	WED
	1000z	21/02[A 04081 07371 08882 (YL/SS)]	MS	SAT
	1000z	25/02[A 22221 36481 76061 (YL/SS)]	MS	WED
12180kHz	1900z	03/02[TFC continued from 6785k]	BS3	TUE
	1900zz	24/02[A40021 44082 83661]	BS3	TUE
13380kHz	2000z	02/02[A01441 34532 18022 ???? unsure of ID's]	BS3	MON
	2000z	24/02[A40021 44082 83661]	BS3	TUE
17435kHz	1700z	01/02[A 27111 50062 38111 (YL/SS)]	MS	SUN
	1700z	02/02[A86082 18381 37422 // ??weak]	BS3	MON
	1700z	03/02[A41171 42462 87422]	Westli, BS3	TUE
	1700z	07/02[A 02282 55202 84621 (YL/SS)]	MS	SAT
	1700z	08/02[A46081 63362 81532]	BS3	SUN
	1700z	09/02[A74351 37442 61412]	BS3	MON
	1700z	18/02[A ----- ----- ----- (In progress, late start again.)]	MS	WED
	1700z	19/02[A 41301 13731 71251 (YL/SS)]	MS	THU
	1700z	23/02[A27702 07641 24621	Westli	MON
	1700z	24/02[A28301 50032 66312]	BS3	TUE
17515kHz	1600z	02/02[A86082 1838 3742 weak]	Westli	MON
	1600z	03/02[A41171 42462 87422]	Westli, BS3	TUE

17515kHz 1600z	07/02[A 02282 55202 84621 (YL/SS)]	MS,Westli	SAT
1600z	08/02[A 46081 63362 81532 (YL/SS)]	MS, BS3	SUN
1600z	09/02[A74351 37441 61412]	BS3	MON
1600z	18/02[A 33112 ----- ----- (Late start.)]	MS	WED
1600z	19/02[A 41301 13731 71251 (YL/SS)]	MS	THU
1600z	23/02[A81502 03471 14471]	Westli	MON
1600z	24/02[A28301 50032 66312]	BS3	TUE

Although there are a few logs from the UK included in the above PoSW illustrates a better view of things from his QTH and on a few more and varied frequencies:

25-Dec-08, Thursday:- 0700 UTC, 5,883 kHz, "Atencion, 72421 64422 48762", S8 signal, started about 20 seconds after the hour. No Christmas Day holiday for the Comrades in Cuba, then!
0800 UTC, 5,898 kHz, reasonable carrier but voice very faint, unreadable.

26-Dec-08, Friday:- 0800 UTC, 5,898 kHz, "Atencion, 18822 23531 30512". Also heard what I assume was a related M8a constant carrier keyed audio tone Morse at 1001 UTC on 9,112 kHz starting up with "UWUTA ANAMA UDNIN".

27-Dec-08, Saturday:- 0800 UTC, 5,898 kHz, "Atencion, 16801 56471 70682".
1000 UTC, 9,240 kHz, "Atencion, 70711 14821 50052". S6 to S7, deep QSB.

28-Dec-08, Sunday:- 0700 UTC, + 27 seconds, "Atencion, 53412 20572 25412".
0800 UTC - should have started up on 5,898 kHz - but didn't! Instead started up on 5,883 again with call-up as earlier. A pause of 30 seconds or so during the call-up, then continued, into 5Fs approx. 0803 and 30s UTC. Had gone, no carrier, when checked again 0810z - and there was nothing on 5,898. Leaving the receiver on this frequency I noticed a carrier come up at around 0824z, voice started "53412 20572 25412" call-up, then "53412" repeated and into 5Fs 0828z. Transmission proceeded much as normal for a V08a; was still going at 0903z when it vanished with carrier in the middle of a 5F group!

29-Dec-08, Monday:- 0700 UTC, 5,883 kHz, "Atencion, 58842 08041 04721" S9 signal.
0800 UTC, 5,898 kHz, "58842 08041 04721" again, strong signal, both transmissions with slightly distorted audio.

31-Dec-08, Wednesday- no transmission heard at 0700z on 5,883 or at 0800z on 5,898 - I think Wednesday is the only day of the week on which these do not run, but being at home because of the extended Christmas and New Year holiday the following logged:-
1000 UTC, 9,240 kHz - also runs on Saturdays - "Atencion, 72151 56322 04601". May have started early, "72151" repeated and into 5Fs well before 1003z.

1-Jan-09, Thursday:- 0700 UTC, 5,883 kHz - and a Happy New Year to the V02a YL! - "Atencion, 22642 38202 56421:, good signal, peaking over S9.

2-Jan-09, Friday:- 0800 UTC, 5,898 kHz, "Atencion, 23842 63361 16732".

3-Jan-09, Saturday:- 0700 UTC, 5,883 kHz, "Atencion, 38051 54631 22401".
0826 UTC, 5,898 kHz, transmission in progress, paused after 0829z and repeated "22401", continued with 5Fs, ended with 3 x "Finale" after 0842z.
1000 UTC, + 20 seconds, 9,240 kHz, "Atencion, 62471 41801 06672".

4-Jan-09, Sunday:- 0700 UTC, 5,883 kHz, "Atencion, 40212 21332 22742".
0800 UTC, 5,898 kHz, "40212 21332 22742" again, weaker signal than usual, S5 to S6. And a cold morning here! Temperature -4C, dewpoint -6C, pressure 1,023 millibars!

10-Jan-09, Saturday:- 0700 UTC, 5,883 kHz, "Atencion, 63742 15421 26482". Must have started early, tuned in just after 0700z, call-up ended with "63742" repeated and into 5Fs around 0702 and 30 seconds UTC.
0759 and 30 seconds UTC, - started early, 5,898 kHz, "63742 15421 26482", as earlier. Another cold day where's all the global warning gone then? Outside air temperature just after 1300z, i.e. 1 p.m., was minus 3C!

15-Jan-09, Thursday:- 0700 UTC, 5,883 kHz, started exactly on the hour, "Atencion, 62122 27682 55302".

17-Jan-09, Saturday:- 0800 UTC, 5,898 kHz, "Atencion, 02441 53832 75011", strong signal peaking well over S9.
1000 UTC, 9,240 kHz, started within a second of 1000z! "Atencion, 35721 72452 71002", S9, stronger than usual for this 10 o'clock transmission.

18-Jan-09, Sunday:- 0800 UTC, 5,898 kHz, "Atencion, 33601 18462 81672". The strong broadcast station on 5,900 which causes a heterodyne with this one usually goes off shortly after 0800z, but was still up at 0804z this morning.

19-Jan-09, Monday:- 0700 UTC, 5,883 kHz, "Atencion, 72151 53512 77121".

20-Jan-09, Tuesday:- 0700 UTC, 5,883 kHz, "Atencion, 31331 88822 83722"

31-Jan-09, Saturday:- 0700 UTC, 5,883 kHz, "Atencion, 24651 77681 83182". Very weak signal, difficult copy.
0800 UTC, started up on the wrong frequency, i.e. 5,883 with "24651 77681 83182". Someone must have realised their mistake because the transmission vanished just before 0801z and then continued on the correct frequency, 5,898 kHz.

2-Feb-09, Monday:- 0800 UTC, 5,898 kHz, "Atencion, 06452 35852 13712", peaking S9.

7-Feb-09, Saturday:- 0700 UTC, 5,883 kHz, "Atencion, 76161 71851 58011".
0800 UTC, 5,898 kHz, "76161 71851 58011", S9 signal, sounded slightly distorted
1000 UTC, 9,240 kHz, "Atencion, 83402 10472 42341".

16-Feb-09, Monday:- 0700 UTC, 5,883 kHz, "Atencion, 85411 45751 23482", weak signal, difficult copy.

17-Feb-09, Tuesday:- 0700 UTC, 5,883 kHz, "Atencion, 72611 68552 55771".

20-Feb-09, Friday:- 0700 UTC, 5,883 kHz, "Atencion, 74492 00431 25421".
[Thanks Peter].

V07 [IB]

Freq list vs month from AnonUK:

January	0600 10879	0620 12179	0640 13479 814
February	0600 13366	0620 14866	0640 16266 382
March	0600 14387	0620 16087	0640 17487 304
April	0600 14387	0620 16087	0640 17487 304
May	0600 14621	0620 16321	0640 17521 635
June	0600 14621	0620 16321	0640 17521 635
July	0600 13837	0620 14937	0640 16697 896
August	0600 13837	0620 14937	0640 16697 896
Sept	0600 13381	0620 14781	0640 16281 372
October	0600 14521	0620 15821	0640 17421 584
November	0600 12152	0620 13552	0640 14952 159
December	0600 9272	0620 10672	0640 12172 261 [Tnx AnonUK]

V13 [O] **Nil Reports**

V21 [O] **Babbler**

Not much activity heard from the Babbler in fact only 1 time in January/February. Expect transmissions (if any) to switch to the 1300Z time slot when the clocks spring forward on March 8th to keep with the 0900 Eastern Time Zone slot.

4-2-2008 In progress at 1358 Heard one count to 80 but too weak for any more copy. Still in progress at 1410.
[*Tnx Male Anon*]

V24 [O] **Reported via Spooks.**

POLYTONES

XPA logs has moved to Charts section.

Other Polytones:

RNGB notifies us of a 1420/1440z sending heard on a Tuesday on 8167 and 6967kHz. Its ID was 119 so the expected freq at 1400z is suspected of being 9167kHz. The signal is the usual 10bd using USB. The second sending will be on Sunday.

ENIGMA 2000 Article:

MILITARY COMMUNICATIONS THEN AND NOW.
By HJH

Part 8

Having seen the successful use by the French of carrier pigeons during the Franco-Prussian War (1870-1871) the Signal Corps carried out trials with this mode of message carrying. Trials during 1878 with the birds were not a success, due in part to the birds being attacked by birds of prey. Despite a report im which it was concluded that pigeons would be of no use as messengers, a pigeon station was established at Key West in Florida, in the year of 1888. The scheme was closed after four years, and declared a failure. The birds soldiered on, (if that is the right term!) in the US Navy, having carried messages as far as Havana in Cuba from Key West.
With the patenting of the telephone and its introduction as a commercial venture in 1877, the Signal Corps began using the telephone soon afterwards. Using the ready-made carrier of the telegraph lines, the Army soon had its own telephone network up and running. By 1892 half of All Army posts had been fitted out with telephones. A small anecdote to illustrate that private enterprise is not always greeted with the success it would appear to deserve, is the story of Sergeant Adolf Eccard, of the Signal Corps. This obviously talented NCO built a portable field telephone which had the functions of the Bell telephone, a Morse key, and a battery, all of which combined to make it suitable for use as a field telephone or telegraph. Here, enter Bell telephones. claiming breach of patent rights. Exit Sergeant Eccard with his field phone/telegraph, which at the high (by the standards of the day) unit price of $500 was unaffordable. Unable to afford this innovation by one of their own, the US Signal Corps continued to lease/buy Bell equipment as before.
Worse was to come. A change in political climate saw even less money available, and in 1890, the weather service was transferred to the Department of Agriculture. It did however retain the communications duties for which it was created, although it would take a World War to get it back into the weather prediction game. But, as we all now know, given our 20/20 hindsight, one was just around the corner. And this one would be a doosie!!! . Not only was a war just around the corner. Waiting in the wings with it was the electrical age, with its close cousin the wireless age. All this would start to happen in Europe, and many of its American participants would travel even further to fight it than would the signals coming out of their then primitive wireless sets! But before we look there, let's see what was happening in Germany, where a lot of this forthcoming technology would be developed.

To look at what was happening on the military communications front in Germany at this time, is also to look at the events on the stage of European history as regards the development of Germany itself. A cursory look is all that we require, as anything else is far outside the scope of this article. (Not to mention the knowledge and ability of this author!) On August 18, 1866, Prussia, which was at that time by far the most powerful of the German states in Europe , and 15 other lesser German states, agreed and signed a treaty which was based upon proposals which had been put forward by Prussia in June of that year. These redrew the German Confederation as it then stood. The North German Confederation would finally number 22 States, all north of the River Main. Chief architect of this first and large step towards German unification, or put another way, the creation of today's Germany, can be said to be Otto von Bismarck, the then chancellor of Prussia. He was a statesman and politician of great intellect and ability, and even greater patriotism regarding Prussia and Germany, although he took pains to stress his Prussian national pride before his sense of German nationalism. In October of that year, all German states which lay north of the River Main had signed and joined. To give scale to the dominance of Prussia, the total population of the new North German Confederation was 30,000.000. Of these, 25,000,000 were Prussian citizens. That Prussia had the most powerful and professional army of all the member states will surprise no-one. The Prussian Army had introduced the telegraph as a communications mode in 1856, having seen the possibilities of this means of communications. The Prussian Army, as with some others, had a separate unit of signallers trained specifically for such duties. Such troops were called, at this time, Verkehrstruppen, or Communication Troops. They were grouped together with Transport and such other troops. Also, as did most other armies, the teeth arms of infantry and cavalry trained up their own unit signallers as either telegraphists or semaphore communicators.

As such, they wore the crossed flags which have survived in many armies to this day. The head of this Confederation was Prussia, whose head of State, the Crown, had sole right of concluding treaties and alliances, and declaring and ending wars. Although each member state, principality, or kingdom, had its own armies, they were soon uniformly trained and organised along the Prussian model. This also applied to those states which had navies. In 1867 laws were introduced whereby active military service was introduced for ALL member states. A notable exception was Bavaria, which retained its own War Office, Government and Royal Family, the line of which exists to this day. Prussia and her allies fought several wars, amongst which were the German /Danish War of 1864, which resulted in the duchies of Schleswig and Holstein being ceded to Prussia following a war between Denmark and the combined forces of Prussia/Austria. Then, in 1866, came the Austro Prussian War, or the seven week war, due to its short duration. Fought between Prussia and those German states which were allied to her and Austria and those German states which adhered to her cause. Italy was allied to Prussia in this conflict. Despite the shortness of this and the previous war, telegraphy played an important part in these conflicts. Both helped also improve the already admirable efficiency of the Prussian Army. But it was in the Franco Prussian War that the Army and all its modern ways of waging war aided by its superb system of communications would really come to dominate Europe.

In 1870, war broke out between France and Germany. Here is no place to consider the historical rights and wrongs, but rather the art of military communications as it then was and those alternative modes of communicating to which it would give rise, due to desperation. The Prussians had a far superior transport system, backed up by superbly trained troops in all arms of her army, including the telegraph troops, who were trained to lay cable or erect poles almost as fast as the infantry could march. The method of so doing differed little from that employed by the telegraphers of the Signal Corps, US Army. In fact, each would probably been equally at home with each others equipment. Shown is a Prussian Army Telegraph wagon, for comparison. The lettering on the side of the vehicle says, in abbreviated form: - Armee Telegraphen Abteilung Nummer 6 or Army Telegraph Detachment Number 6. Vehicle is, of course, horse drawn

RUSSIAN ARMY TELEGRAPH CABLE WAGON (Circa 1870)
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The highly efficient Prussian telegraph system was able to provide the invaders with an excellent command and control network. Additionally, it allowed them to exercise control over their transport network, and direct troop movements as and when required with a hitherto unprecedented speed and accuracy of deployment. This war also saw the use of the civilian communications infrastructure by an invading power when

Prussia took over the existing French civilian telegraph system for the use of its own invading forces. (BAOR would do the same with the Deutsches Bundespost on many NATO exercises in Germany during the 60s and 70s, albeit with the consent of the DBP!

Guess there really IS nothing new under the sun!) September 1870 saw Paris under siege by the Prussian Army. But help was on hand in the unlikely form of a French photographer named Felix Tournachon, nicknamed Nadar. He was a pioneering balloonist who had taken the worlds first aerial photographs. A crash which broke both his legs had not stopped him, nor would the Prussian Army! He successfully took despatches from the besieged French government in Paris to unoccupied provincial France, but obviously could not return.

Undaunted, the French government built more balloons and trained sailors to man them. Powered by coal gas, (The balloons that is. The sailors made do with local wine!) It was a one way mission indeed, and dangerous, given the amount of ground fire directed at them by the Prussians on the ground. Given the success of these balloons, the Prussians rose to the challenge. A network of cavalry and telegraphy stations was set up to track and capture them on landing. They even went so far as to send their own balloons aloft manned by sharpshooters to bring the French balloonists down by rifle fire. One balloon even made it to Norway, because these early aeronauts had no means of steering and were literally at the mercy of the wind and weather.

The only way of getting messages in to the besieged city of Paris was by carrier pigeon. Each balloon which left Paris carried aboard it a carrier pigeon, which would, on being released if and when he had arrived at his destination, return to the besieged capital with his message clipped in true pigeon mail fashion to his or her leg. The Prussians replied with rifle fire and imported sparrow hawks. It is recorded that of some 360 pigeons who were despatched on these missions, only 59 returned to the city. By the time Paris surrendered in late January 1871, 65 manned balloons had been launched form Paris, 57 had fulfilled their missions, and 5 captured by the Prussians. Regardless of the outcome, some more novel means of military communications had been tried out, and would be used again in the not too distant future. At the war's end in September 1871, the already formidable Prussian war machine was honed to perfection. Equally important, the new allies of Prussia had now been blooded and all had become used to operating in the field together. Indeed, it would not be long before they were all "one big happy family!" Much to the chagrin of the rest of Europe, and a sizeable portion of the rest of the world.

It is at this point that we shall look at some personalities in our story. There will not be many of these, but the contribution made by some people is so huge that it cannot be ignored, and so it is with those which we are now discussing, namely the family of Siemens. First, Werner Siemens. Born near Hanover, Germany (1816 until 1892.) He served as an officer in the Prussian Army and pioneered their telegraph system. A fine engineer, he showed an interest in electronics, and before too long took his younger brother Wilhelm, (1823 to 1883,) under his wing, providing him with an education and grounding and started him off in the field of telegraphy and electronics. Werner it was who pioneered telegraphy, and its use and construction in the Prussian Army. He no doubt passed on this knowledge to Brother William, as Wilhelm was soon to become, despite having been born in Germany. Werner it was also who is credited with the invention of the moving arm telegraph indicator dial, which pointed to the correct letter on receipt of an electrical impulse, instead of a Morse symbol.

1857 saw the founding in Berlin by Werner and Georg Siemens (1805-79), a cousin, of the Telegraphen Bau Anstalt von Siemens und Halske. Johann Georg Halske, (1814 -1890.) had joined the team as a partner and electrical engineer. They would manufacture and lay telegraph lines and other electrical and telegraphic equipment across Germany.

However, they pushed their knowledge far beyond the borders of Germany, and it may be as well for the rest of the world and Europe that they did so. In 1858, Wilhelm set up the London branch, and set up the Siemens Telegraph Works, in Charlton, London in the same year. They manufactured telegraphy apparatus and allied and other electrical equipment.

Previously, in 1855, the Russian branch had opened up. Given the vastness of the Russian landscape, this was a product which really would find a good home in the Russian plains and steppes! Given also that we now know what would happen between these three nations, it as almost as though destiny was sharing out the knowledge which would all too soon be put to quite another purpose than that for which it was originally intended. (Not that this is by any means a new occurrence in the history of mankind!!!)

The brothers continued to prosper, and became pioneers in the field of telegraphy, electronics, power generation, and, when Mr Bell rang his bell, telephony. So good in fact were they at the art of telegraphic and allied equipment manufacture, that they pioneered the manufacture and laying of undersea cables, an art in itself. Wilhelm became William, a UK subject, married a Scots lass, and became adviser to the UK government on undersea telephony, amongst other things. In 1857, Siemens laid an undersea telephone cable linking Algeria to Sardinia. He was knighted a month before his death in November, 1883. And of course, we know from the previous chapters now how well Siemens in both Germany and Britain were following the developments in the field of wireless. So, the Siemens brothers and their kin had got a lot of people talking between themselves, and carried out a lot of very valuable research into the bargain. The name continues today, making very much the same type of equipment, and to the same high standards. A family who, in this author's opinion, have made great contributions to the world of wireless, telephone and telegraphy. ALL equipment was, however, standardised. By now, the means of communication (and these apply to ALL the major combatants in the conflict) employed by the various units were as follows:-

VISUAL

1. Visual means of communication were used throughout the Great War, although it was soon realised that visual signalling means had little or no place in fixed positional trench warfare. This was due to the operator having to be visible to the distant receiving station. Despite the unsuitability of semaphore in this war, the crossed flag symbol remains to this day as a signaller's badge, at least in the British Army, (and only to denote a member of a non Royal Signals unit signal platoon.)This is, probably, largely for tradition purposes. It was soon realised that semaphore was insecure due to the ease with which the enemy

could see the signaller, and intercept the message or, as the quality of ammunition and the accuracy of sights improved, and telescopic sights were introduced and sniping became an art form, shoot the signaller. Also, weather played a large part in the possibility or otherwise of sending messages if bad weather or poor visibility prevented signals being read.
Heliograph.
The British continued to use this mode, particularly, according to one source, for communicating with and between artillery batteries. The US Army used this mode of communications to good effect across the vast spaces which it had to cover. German infantry and cavalry also employed this mode. Heliographs are still issued in survival kits today, and form part of the emergency packs in all life rafts. One sits at home with me today, a survivor from a life raft belonging to Geest Shipping Line, which had been condemned by a nasty Department of Transport inspector. It seems quite comfortable in my rucksack, and has been up Pantor Krator on Corfu as often as this author, ands damn useful it is to touch up my face when I reach the summit!!!(My Dad shaved for years with a heliograph mirror 6" by 6", which he had liberated from the Carley float containing American survivors whom they had rescued in mid Atlantic! No-one minded, they thought it was a fair trade, and Dad always was a Class One British Forces scrounger, something he continued to his last years!!)

Part 9 next time

PoSW's excellent "Items of Interest in the Media":-

Items of Interest in the Media

Following on from speculation that the recent posting on the internet of the entire membership of the right wing British National Party came about by penetration of that organisation by the intelligence services comes a story in the Mail on Sunday of 8-February headlined "Secret police to spy on British 'subversives' ". The article, by Jason Lewis, the papers's security editor, says, "A secret police intelligence unit has been set up to spy on Left-wing and Right-wing political groups. The Confidential Intelligence Unit (CIU) has the power to operate across the UK and will mount surveillance and run informers on 'domestic extremists'. Its job is to build up a detailed picture of radical campaigners. Targets will include enviromental groups involved in direct action such as Plane Stupid, whose supporters invaded the runway at Stansted Airport in December. The unit also aims to identify the ring-leaders behind violent demonstrations such as the recent anti-Israel protests in London, and to infiltrate neo-Nazi groups, animal liberation groups and organisations behind unlawful industrial action such as secondary picketing. The CIU's role will be similar to the 'counter subversion' functions formerly carried out by MI5. The so-called reds-under-the-bed operations focused on trade unionists and peace campaigners but were abandoned by MI5 to concentrate on Islamic terrorism. The unit is being set up by the Association of Chief Police Officers (ACPO) and will be based at Scotland Yard in Central London. An internal police job advertisement for the 'Head of Confidential Intelligenct Unit' obtained by the Mail on Sunday, reveals key details of its wide-ranging powers.
The advert says the unit will work closely with Government departments, university authorities and private sector companies to 'remove the threat of criminality and public disorder that arises from domestic extremism'. The CIU will also use legal proceedings to prevent details of its operations being made public. Its chief will play an active part in obtaining Public Interest Immunity Certificates from Government Ministers, and will attend 'legal meetings regarding sensitive material'. Another vacancy, for an administration officer, states that the CIU will be involved in the collection of 'secret data'. The job descriptions indicate that the postholders will have links with MI5. Details of the senior vacancies were circulated to police forces last year - the closing date for applications was November 14, 2008. The top job was open to officers of at least the rank of Detective Chief Inspector. MI5's counter subversion role led to it compiling files on Left-wing student activists in the Sixties and Seventies . These included records on Jack Straw and Peter Mandelson."

So there it is then; That last bit about the files on two prominent members of the current New Labour regime is interesting, for thus has it always been with the Labour Party, its poachers of the past becoming the gamekeepers of the present. Winston Churchill famously said, while campaigning in the run-up to the 1945 General Election, that sooner or later the Labour Government would want to set up some form of Gestapo to enforce its rule, a statement which brought him much criticism; it looks as though all he got wrong was the timing.

No doubt the "CIU" will have plenty to do over the coming months for there is great unrest in this country; the common people have suddenly realised that big business and the Government, now combined together in the kind of Corporate State that the late Benito Mussolini would recognise, are taking the you-know-what as never before; the countless billions of taxpayer's money given to the banks - whose executives said, "thanks very much" and proceeded to award themselves their usual end of year six-figure bonuses, the ever increasing unemployment figures, record immigration as hordes of people from third-world countries and from the basket-case economies of Eastern Europe flood into the country to the delight of big-business who then have a pool of easy to hire, easy to fire labour who will work for the minimum wage, and in many cases much less than the minimum wage, because whatever the politicians may say, the minimum wage laws are not enforced - all helping to increase the anger of the common people to fever pitch . As an example of the current plight of Old England I would cite the case of the fair city - well, it was at one time - of Peterborough, East Anglia's main industrial centre; one of the city's main industries came to an end just before Christmas, the Indesit electrical goods factory closed with the loss of 450 jobs; the washing machines they used to make will still be available, however; production is being transferred to Poland. And the refrigerators, formerly made in Peterborough? Well, they are going to be made in Turkey. I am likely to be in the market for a new washing machine and 'fridge later this year but I would rather eat worms than buy something with the Indesit brand name on it! Another of the city's employers, Perkins Diesel Engines have just announced the loss of 400 jobs and a company which makes food processing machinery is about to close down and transfer production to an as yet unspecified East European country, thought to be Poland. Anyone involved in the electronics industry will be familiar with the name of a company by the name of RS components who moved from central London to the former steel making town of Corby about 25 years ago. RS have also recently announced large lay-offs of their employees and nothing symbolises the recession so much as the collapse of my favourite high street store, Woolworths, who have kept me supplied with everything from household goods, tools and workshop hardware, stationery items of all kinds, several DVD and CD players and the DVDs and CDs to play on them. My final visit to my local Woolworths store just before Christmas found the place jam-packed with people looking for bargains; it was like watching a hoard of vultures picking over the bones of an old friend My last ever purchase was a DAB radio, their own brand and reduced from 25 quid to 17.

News from America; President Obama's honeymoon with the American people, some of them anyway, seems to be coming to an end as on the face of it there does not seem to be much change in policy from that of eight years of George Dubya. After Mr Obama was elected there was a story in the papers that he would be taking in a dog as a pet, chosen from among the strays in a Washington D.C. animal shelter. There was speculation as to which breed of mut he would choose, which prompted the reaction in several quarters on this side of the Atlantic that the President would quickly realise he already had a poodle who would obey every command; his name is Gordon Brown. The Andrew Alexander column in the Daily Mail of 13-February touched on this with the headline, "We must stop being America's poodles of war", and said, "What do you suppose is Britain's policy in Afghanistan - other than rolling over and asking the Americans for orders? Sit, stay, heel, fetch....something along those lines. Maybe followed by a 'good boy' and a pat on the head. Since the Afghanistan conflict has now lasted longer than World War II and shows no sign of resolution, it is reasonable to demand clarification. The Government fires back the standard cliche, that we are there for 'nation building'. It is a wonderful and patronising phrase. As one sceptic observed: 'Nation building is a term created by people living off Pentagon contracts.' You can almost smell the money. The U.S. is pouring $2-3billion a year into projects for Afghanistan. In 1961, a disillusioned President Eisenhower on leaving office issued his famous warning that Americans must beware the power of the 'industrial-military complex'. Perhaps 'nation builders' should be added. An essential feature of the current grand project, along with the hydro-electric schemes, the improved roads and all the rest, is to turn Afghanistan into a working democracy. Which, it is assumed, will be stable with a higher standard of living and thus unwilling to tolerate the Taliban and its Jihadist allies.

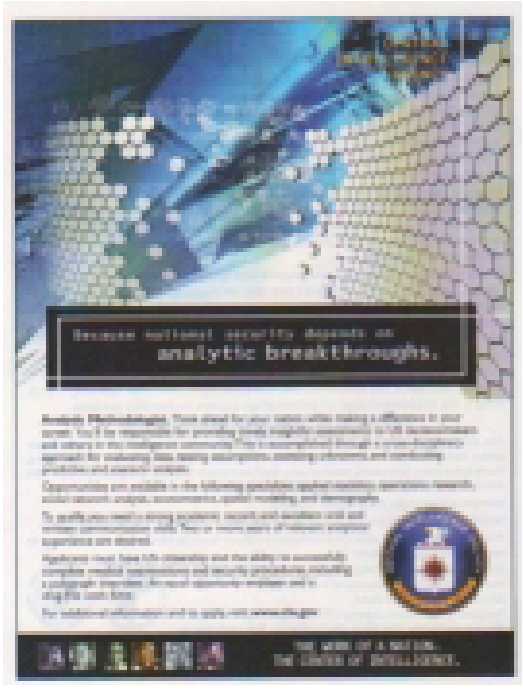
Such naivety is at least consistent with the American view of the world. It is sad to see British politicians of all colours accepting it. Afghanistan more than most other countries in the region regards democracy as an alien and foolish cult. The country's basis is tribal and the key figures are tribal leaders. If you suggest to them that the vote or opinion of an 18-year old should count as much as that of a 65-year old tribal leader, they will think you are just being silly. Unless perhaps the young man was the son of a leading tribal figure - the House of Lords syndrome, you might say.....Richard Holbrooke, President Obama's special envoy to the region, says of Afghanistan: 'I have never seen anything like the mess we have inherited. It is going to be much tougher than Iraq.' His use of the future tense is worrying. Others in the Nato expedition, including us, have burbled that while we have been doing badly over the past eight years, we are there for the long term, you see, variously described as five, ten and even 20 years. in other words, failure has no lessons. Half the country is now too dangerous for aid workers to operate in. The Taliban can commit major assaults in Kabul itself. Civilian deaths are on an ominous scale. The heroin crop surges to new levels. Corruption is endemic. But we must, apparently, hang on. More American and British troops are to be sent. While we worry about our own recruitment, the Jihadists rejoice in new applicants. Some say that the solution lies in massively enlarging the Afghan army. But are we sure whose side it would fight on? The mess that Holbrooke finds comes after seven years of 'nation building'. The sacred equation of Democracy + Cash = Stability does not apply here, or perhaps anywhere. We were lured into our semi-permanent role amid the Afghanistan quicksands by the Bush administration's plans to settle decades-long scores with Bin Laden and Al Qaeda. We must stop being America's poodle."

More from America:- the Sunday Express of 8-February contained an item by Danny Boyle headlined, "Britain a 'terror threat' ", and said, "Barack Obama has been warned that British terrorsts are the biggest threat to America's security. Spy chiefs have briefed the president that Islamist extremists from the UK pose the greatest risk of launching attacks on the US, it was reported last night. The CIA is said to be undertaking a huge spying operation in Britain in a bid to stop a repeat of the 9/11 attacks, possibly this time launched from our own shores. Up to four out of 10 CIA operations to uncover terros plots on US soil are now centred on British targets. And record numbers of informants from the British Pakistani community have been recruited to keep tabs on 2,000 terror suspects, it was claimed. Bruce Riedel, a former CIA officer who has advised Obama told a newspaper: 'The British Pakistani community is recognised as probably Al Qaeda's best mechanism for launching an attack on North America. The American security establishment believes that danger continues and there's cooperation between our security services to monitor it.' Spooks are said to believe a British-born Pakistani extremist could enter the US under the new visa waiver programme.

George Galloway gets his name in the papers:- George Galloway MP, whose weekend "Mother of all Talkshows" on Talksport radio continues to be one of the few bits of output from that radio station worth listening to - a shame it is on so late, 10 p.m. until 1 a.m., difficult to stay awake much beyond 11.30 after a hard week! - had his name linked with the ongoing hyped-up terrorist threat in a short news item in The Mail on Sunday of 15-February. "Galloway aid convoy link to terror suspects held on M65", is the headline over a piece by Christopher Leake, Home Affairs Editor. "Three men arrested by counter-terrorism police on a motorway were allegedly planning to leave Britain ar part of a £1 million aid convoy to Gaza, which was organised by former Labour MP George Galloway. Security sources say the men, aged 26, 29 and 36 from Burnley, Lancashire, had been under surveillance for two months in an operation connected to a potential threat of terrorism in the Middle East. Nine men were arrested initially on Friday night as they drove west in two vans on the M65 near Preston. Six were later released without charge. One of the two vans surrouned by police vehicles bore an image of the Palestian flag on its side. The other had signs saying Stop Killing Children, Free Palestine and from Blackburn(UK) to Gaza. The arrests were part of an ongoing operation by specialist officers from Lancashire Constabulary, Greater Manchester Police and the North West Counter Terrorism Unit. The operation has been monitored by MI5. The three men were being held last night at a Lancashire police station hours after the convoy, made up of more than 100 vehicles, left London and boarded ferries from Ramsgate in Kent, to Ostend, Belgium, en route to Gaza. Respect Party MP Mr. Galloway who will help drive the convoy, last night declined to comment on the arrests. His spokesman said that without the names of those arrested and their vehicle registration numbers it would not be possible to say whether the men detained by the police were part of the official convoy. It will travel 5,000 miles through France, Spain, Morocco, Algeria, Tunisia, Libya and Egypt before arriving at Rafah in Gaza early next month. Police yesterday searched five houses in Burnley where those arrested were understood to have lived. One front door was removed from its hinges as police entered the house.....Tory MP Patrick Mercer, chairman of the Commons Counter-Terrorism Sub-Comitee said : 'This is another successful operation by our security forces that marks the ongoing threat no one must underestimate.'
[*Thanks Peter – excellent stuff as ever*].

<u>And from other sources we present……</u>

<u>Gizza job</u> [there really isn't too much about].



<u>'The work of a nation, the centre of intelligence'</u>

Because national security depends of analytic breakthroughs.

Analytic Methodologists think ahead for their nation [in this case US] whilst making a difference in their career.
They are responsible for providing timely, insightful assessments to US decisionmakers a others in the intelligence community. These 'methodologists' achieve their aim using a cross-disciplinary approach for evaluating data, testing assumptions, assessing unknowns and conducting predictive and scenario analysis.
There are opportunities available in the specialities of: applied statistics, operations research, social network analysis, econometrics, spatial modelling, and demography.
Only open to those with US citizenship who can successfully complete medical examinations and security procedures, including a polygraph interview from an equal opportunity employer and drug-free work force.

This ad was sent in by the enigmatic 'E'. Thanks.

Imagine the Special Relationship at work….. "Hello Neil, its Jeff here; any chance we co borrow one of your Analytic Methodologists?"
"Hello Jeff, Analytical what? Oh, sorry old chap; we only have an Intelligence Officer he and he's in the Ops room at the mo."

Neil being Neil Burnside [D-Ops] and Jeff Ross [CIA Head of Station] in ITV's Sandbaggers.
Neil Burnside was played by Roy Marsden, whilst Jeff Ross was played by the late Ameri actor Bob Sherman, an Anglophile, who unfortunately passed away in London 30th Augu 2004 aged just 63 having suffered from cancer. An excellent and believable actor, who tr not to portray stereotypical Americans.

Legitimate factory? Or legitimate target?
Use your intelligence.

In your role as an Intelligence Analyst you'll be responsible for monitoring and analysing coded radio messages and highly sensitive imagery. You'll then use that intelligence to compile critical reports for military and political leaders to act upon.

Time for something intelligent [in the RAF Reserves]

In administration at MI6 there's a world of difference.

Can't bring myself to repeat that written on the advert panel; the grammar is atrocious.

What is strange is that this advert appeared in the Metro Newspaper dtd 20/01/2009 in the 'Office Appointments' section on the same day that yours truly did the online test for Administrators on the MI6 site for a bit of fun. I didn't really try too hard and achieved 76%

How I arrived at the test though is something else – via facebook.

Anyway, this ad has all the usual components as well as the acceptance of applications from British citizens [*probably includes out of work bankers* as well as school leavers in June*] and the 'You should not discuss your application with anyone' statement.

**No massive bonus on this job when you cock-up bigtime?*

Here's one for SOCA [Serious Organised Crime Agency].
"Right lad we're from SOCA and we ain't heard our Fusion Band yet."

SOCA indeed but not the genre of music favoured in the West Indies; Trinidad, Jamaica and Guyana particularly. Oh no, it's that lot in Vauxhall overlooking the railway line and they need some serious organisation BUT not in Vauxhall.

No, to play a key role in supporting SOCA's fight against serious organised crime you'll need to take your administrative and clerical skills to Central London , Tolworth and Gatwick.
Tolworth – now there's a place. Massively taken over once by a mass of govt buildings and Nissen Huts and Tolworth Tower , home of the now legal Radio Jackie and where the odd train would come in to the station and push the buffers back into the ticket hall. Well, not quite but I understand a rather nasty accident occurred there once, as reported on the radio. Think Gala Cosmetics did its business there until it was converted into a bowling alley and bingo hall circa 1968.
Here's another lot that welcomes applications from all sections of the community [*remember some sections are more equal than others nowadays*] and all successful applicants will need to achieve DV clearance. That's 'Developed Vetting' to the non-indoctrinated. From £20,851 inc LW.

The tags on the files read, Serious Fraud, Drug Dealers, Money Laundering, Human Traffickers, Operation Jericho and Child Exploitation.

Op Jericho was the action taken by the RAF using Mosquito fighter Bombers to free 100 Resistance prisoners in 1944 as loosely depicted in the crap movie 633 Squadron.

Nothing to do with SOCA music at least.

Well, here's a cracker – reasonable money too. If you want to procure military …, sorry defence stuff, apply to the Aussie High Commission.

Apart from usual qualifications for this you'll need to be willing to take Australian Citizenship, wear surfing hats, shorts, larey shirts and flip-flops, have a cutting wit and a never washes off type tan, and be committed to the *cause celebré.*

You'll also need to be genetically altered for bar work to enable you to fit into Aussie/Brit haunts in the Earl's Court area of West London.

Teetotalers and Fosters drinkers need not apply.

The Australian High Commission has an adequate area to leave your surf board should you care to use to beat the congestion charge.

Apparently, according to MR who applied its for 2 years only.

Australian High Commission
SENIOR PROCUREMENT OFFICER
£32,830 to £41,105

The Australian High Commission in London is seeking experienced candidates with procurement and purchasing experience to fill our Senior Procurement Officer position in the Defence Branch.

For details of the position please visit our website: http://www.uk.embassy.gov.au/bdh/Recruitment.html

All applications must be received by Monday 23rd March 2009

Money Laundering and Serious Fraud!

The above phrase reminded me to include a quick note to mention a small story about our Home Secretary as, according to 'The Scotsman' and others, "Jacqui Smith, the Home Secretary, was at the centre of a new MPs' expenses row yesterday after it emerged she has claimed taxpayer-funded allowances for a second home while living with her sister in a bedroom [in a house in Peckham – or for the upper crusts, Nunhead] apparently stated as the main residence. Ms Smith said she had "fully abided" by the rules by designating her sister's house as her "main" residence, allowing her to claim payments on the Redditch constituency home she shares with her husband and children."
It goes on further to mention the tax free amount of £24,006 which is claimed over and above a salary heard to be £142,000 pa adding – which one Sunday newspaper said totalled more than £116,000 over several years – was "morally questionable" and accused her of failing to set an example following recent scandals.
Talk about the gravy train.....no wonder Ms Smith wanted to keep all MP's expenses secret.
Here's the full article: http://thescotsman.scotsman.com/uk/Minister39s-housing-costs-draw-criticism.4959145.jp

Got a radio scanner?

According to the Metro Paper the radio System used by Police in Great Britain 'Airwave' now allows communications on the Tube system, London Underground. This of course is achieved using leaky feeder and is nothing new.
I remember when the old Stornos were replaced with the Trunk system. I even attended the Met's first Technology show where there was a lecture on the system and I remember some idiot asking, "Can the transmissions be heard by anyone with a scanner?" The answer was, "Yes, but you'd need eleven to follow the conversation right through."
Well, that wasn't strictly true – and whole listings of frequencies, talk groups, divisional idents, call sign explanation and so on appeared. Certain persons were arrested for listening, some boasted of being taken in for 'Going Equipped to Steal' but not with the usual S25 TA 1968 test case rubbish of a set of keys that couldn't be explained, or a jemmy – no this was to hear if the Police were coming to stop you rifling your way through some old dears jewellry box whilst she was down the local Bingo hall keeping warm. The twats who tried to thieve a diamond from the Greenwich Dome, now the O_2 Arena, had a set of kit on the go for that purpose. What made it even more interesting was they were listening to the wrong frequencies.Think the Flying Squad officers were using MASC comms anyway.
Now with Airwave really up and running the chance of listening to the Police is very improbable – even the Mainsets – because if they haven't already followed they are going to.
Certain scanners have already halved in price – now watch even more come off so they can be cleared off the shelves.
The news was released by the Metro on 14/01 but all was not lost underground where the facility was not enabled. Three specially adapted vehicles carried reels of leaky feeder with a belt on the end so that the first person to go down would have the cable tied to him and would be drawn to the incident allowing comms for all others who descended. This system extends to all other services, including Ambulance and Fire, all now being able to communicate.
I'm not going to add anything about Brazilians being killed by accident or the way the Govt has allowed the family to walk over our police force and legal system. Nor am I going to suggest the family and its extensions should all be rounded up and deported and that eyesore at Stockwell Station pulled down. It wouldn't be right for me to do so, even if it is how I and many other Brits feel – remember, it's no longer 'Dieu mon Droit' it's actually 'All Foreigners First, All Britons bar MPs Last'.

A Headline to shame a Council

Thursday, January 29, 2009 The Sun 31

NO HEART NO HOME

My house . . . Dashwood-Hall and her £1million just with nonmatching bricks

No house . . . hero Joe and his grandad on land where they want to build

Council boss with £1m house defends her 'petty' snub to hero

Legless Marine's grandad begs: Show some compassion

THE pen-pusher who denied a home to a Marine whose legs were blown off said last night: "It's petty but it's the rules."

EXCLUSIVE by ALEX WEST

Barby Dashwood-Hall, who has a 400-year-old £1million mansion, refused to back down after banning the building of a specially adapted bungalow for hero Joe Townsend.

The 30-year-old, wounded by a Taliban mine in Afghanistan, begged Wealden District Council to allow his grandad to build the home at Hawkhurst, Kent [illegible]

Mrs Dashwood-Hall was given the final say in a tied vote on the application but decided to block the plan in case it spoiled the view.

The Sun yesterday demanded an explanation. She said: "I had to make the decision according to policy.

Joe's grandad David Carter, 72, said: "Forget the rules. We're just looking for a bit of compassion."

The Carters' MP Greg Barker said: "Life is difficult enough for real-life heroes like Joe. I would really hope the rules could be relaxed in this very special case."

Angry Sun readers branded our Mother message boards. One wrote: "Build the house and send the councillors to Afghanistan."

Another said: "An illegal immigrant would have got grants – and a house."

Cutting from the Sun newspaper

The news that a Royal Marine had been refused permission to have a bungalow built on his Grandad's paddock refused first came to note on the Nick Ferrari show on 28/01 and has continued since.
The Marine was injured severely by a Taliban mine, losing both legs and more. Joe Townsend was apparently was reduced to begging for permission for the local Council, to grant permission. Unfortunately for him Councillor Ms Barby Dashwood-Hall had the final vote on the permission and refused it 'in case it spoiled the view.'
She stated it was petty but made the decision according to policy.'
What is wrong with the woman – has she no heart or never sipped at the chalice containing the milk of human kindness. Double barrelled, £1,000,000 gaff, smart car and moving in Council high circles the woman is a joke on society.
In 1918 Lloyd George, the then PM, spoke of making Britain a 'Land fit for heroes.' In my view he missed out with Wealden County Council and obviously didn't reckon on cold-hearted bints doing their untmost to rubbish that tenet.
After the Prime Minister stuck his oar in the Council involved apparently cowed to popular decision and allowed the building of the bungalow for this brave bloke. That's yet to be confirmed, I'll bet.

Prominent in this campaign was Nick Ferrari a talk show host who stirred things adequately via his morning programme. Whilst it seemed all was going to be resolved PLondon received this email from Wealden Council in answer to his much earlier email complaining about this matter to Wealden Council's chief executive; Plondon's first, then the reply:

>>> PLondon 28/01/2009 08:57 >>>

Madam,

The First World War was fought to produce 'a land fit for heroes' but not in Wealden's area of responsibility it seems.

Your employees should be ashamed of themselves for letting down a badly injured serviceman who gave his all and now will have even less value to his life thanks to the decisions of Wealden Council.

You should be ashamed of letting this happen.

In utter disgust,

PLondon

And the reply.....

Statement

Royal Marine Joe Townsend 10 February *[RECEIVED 19/02]*

This joint statement is issued by Mr David Carter and Wealden District Council in relation to the planning application for a bungalow for Marine Joe Townsend.

A scheme has now been agreed in principle which planning officers consider is supportable.

Mr Carter who is Joe's grandfather will now submit a new application. Mr Carter said "We have had a fruitful discussion and I am optimistic that the scheme will meet Joe's needs and will receive a fair hearing. I am grateful to the Council for being open to a new approach".

Councillor Pam Doodes, Leader of Wealden District Council said "We have been anxious to resolve this difficult issue from the start and are glad that a solution has been identified. However, this case has raised a number of deep concerns over national policy and I shall be writing to the Prime Minister urging him to issue further Government guidance on the provision that local authorities make for servicemen and women disabled in the service of their country".

Ends

Another belter from HMG!

David 'I'll have to buy razors blades one day' Miliband's Middle East expert was arrested for launching an anti-Semetic tirade, shouting 'F.....g Israelis, f.....g Jews' at television reports of the Israeli attack on Gaza. He is also said something about Israeli soldiers being wiped off the face of the earth. The Foreign Office diplomat, who briefs David 'I don't shave yet' Miliband was arrested for inciting religious hatred and bailed for a month. He probably said no more than anyone else with a clear view of what was going on to be honest. We're all entitled to our views, irrespective of how we make them.
Best bit is that he briefs David 'how much are razor blades' Miliband who apparently is a 4 by 2. [Rhyming slang, four by two, Jew]. He'll get kicked out with a Caution and disciplined at work.
Belter of a mistake but tempers shewed themselves worldwide over this matter. Wonder why there was a complaint?
For the uninitiated, 4 by 2 is not a piece of wood, rather it is [perhaps was] a piece of cloth measuring 4 x 4 inches. Folding it in half, along the red line made it 4 x 2 which was then folded until it was placed through the eye of the lanyard and used as a wad to be drawn through the barrel of a rifle to clean it.
As we prepare to produce the Newsletter we hear that Tony 'Not By Rail' Bliar is in Palestine trying to find out what the general feeling is about 'recent happenings.' The newscast heard stated that TB had not met with Hamas [also known as a democratically voted in organsiation]. I suppose he has to be seen to be doing something – even if it has no chance of any mediation.

Anyone arrested listening to E10 at the time.....?

http://www.dailymail.co.uk/news/article-1145585/George-Galloway-1million-aid-convoy-linked-terror-suspects-arrested-M65.html

George Galloway £1million aid convoy link to three terror suspects arrested on M65

By Christopher Leake
Last updated at 10:09 AM on 15th February 2009

Three men arrested by counter-terrorism police on a motorway were allegedly planning to leave Britain as part of a £1million aid convoy to Gaza, which was organised by former Labour MP George Galloway.

Security sources say the men aged 26, 29 and 36 from Burnley, Lancashire, had been under surveillance for two months in an operation connected to a potential threat of terrorism in the Middle East.

Nine men were arrested initially on Friday night as they drove west in two vans on the M65 near Preston. Six were later released without charge.

One of the two vans surrounded by police vehicles bore an image of the Palestinian flag on its side. The other had signs saying Stop Killing Children, Free Palestine and From Blackburn (UK) to Gaza.

The arrests were part of an ongoing operation by specialist officers from Lancashire Constabulary, Greater Manchester Police and the North West Counter Terrorism Unit. The operation has been monitored by MI5.

The three men were being held tonight at a Lancashire police station hours after the convoy, made up of more than 100 vehicles, left London and boarded ferries from Ramsgate in Kent, to Ostend, Belgium, en route to Gaza.

The convoy included 12 ambulances and a fire engine and carried medicines, tools, clothes, blankets and shoe boxes full of children's treats.

Respect Party MP Mr Galloway, who will help drive the convoy, declined to comment on the arrests.

His spokesman said that without the names of those arrested and their vehicle registration numbers, it would not be possible to say whether the men detained by police were part of the official convoy.

It will travel 5,000 miles through France, Spain, Morocco, Algeria, Tunisia, Libya and Egypt before arriving at Rafah in Gaza early next month.
Counter-terrorism operation on the M65, near Preston, Lancashire in which nine men were arrested

Police swoop to make arrests on the M65, near Preston, Lancs

Police today searched five houses in Burnley where those arrested were understood to have lived. One front door was removed from its hinges as police entered the house.

Chief Superintendent Neil Smith, of Lancashire Police, said: 'We will endeavour to carry out any searches as quickly as possible to minimise the impact on the area concerned.

'However, enquiries of this nature are complex and may take time to resolve.'

Tory MP Patrick Mercer, chairman of the Commons Counter-Terrorism Sub-Committee, said: 'This is another successful operation by our security forces that marks the ongoing threat no one must underestimate.'

A Lancashire police spokeswoman said: 'Three people were arrested at approximately 9pm on Friday on the M65 westbound motorway near Preston.

'The motorway was closed for a short period of time whilst a number of vehicles were seized.

'The arrests are part of an ongoing intelligence-led operation and investigation by Lancashire Constabulary and the North West Counter Terrorism Unit.'

http://www.dailymail.co.uk/news/article-1145585/George-Galloway-1million-aid-convoy-linked-terror-suspects-arrested-M65.html

Bogus SAS vetran 'had' Cabinet Security job

A brief stayer with the Territorial Army had access to a highly sensitive government building after bragging about having served with the SAS and travelling the world. He was apparently allowed access to the sensitive building by its chief protection officer who is now suspended. The Cabinet Office includes underground rooms used by the Prime Minister and advisers in emergencies.
The chief protection officer denied permitting anyone on the premises without proper authorisation.

No such thing as the special relationship, when you're needed you're useful; when you're not you're in the way.

http://www.croydonguardian.co.uk/uk_national_news/4102729.Miliband_pressured_in_torture_row/

Miliband pressured in torture row

8:31am Thursday 5th February 2009

Foreign Secretary David Miliband faces a grilling from MPs after a major row erupted between the British courts and the US administration over the release of documents relating to allegations of torture.

Two senior judges said the US government had threatened to review its intelligence-sharing relationship with the UK if the material was placed in the public domain.

The documents contain details of the treatment by the US of Ethiopian Binyam Mohamed, a former UK resident being held in Guantanamo Bay, who claims British agencies were complicit in his torture.

The High Court ruled the dossier provided by the US authorities should remain secret, but bitterly criticised the Americans over the way they had sought to prevent the information from being released.

On Wednesday night, Mr Miliband insisted there had been no direct threat from the US to future intelligence-sharing, although there would have been implications for future exchanges of information if the material had been made public.

"There has been no threat from the United States to 'break off' intelligence co-operation," he told Channel 4 News. "Intelligence co-operation depends on confidentiality. We share our secrets with other countries and they share their secrets with us. The founding principle for us and for them is that we can trust the confidentiality of that relationship.

"In this case, the United States made it clear, in documents that have been published, that there would inevitably be serious and lasting harm if that fundamental principle was breached."

A spokesman for the US Department of State said: "The US thanks the UK government for its continued commitment to protect sensitive national security information and preserve the long standing intelligence-sharing relationship that enables both countries to protect their citizens. The US investigates allegations and claims of torture and cruel, inhumane or degrading treatment such as those raised by Binyam Mohamed."

In their ruling, Lord Justice Thomas and Mr Justice Lloyd Jones said it was "difficult to conceive" that a democratically elected and accountable government could have any rational objection to the summary of Mohamed's treatment by US agencies being published.

While it contained "evidence ... relevant to allegations of torture" it did not reveal sensitive intelligence material despite being "politically embarrassing".

http://www.croydonguardian.co.uk/uk_national_news/4102729.Miliband_pressured_in_torture_row/

Perhaps Mr Miliband should demand the American's presence before him and tell him, "You have a number of Military and Intelligence bases in this Country, you also have a base on British Indian Overseas Territory. You either shape up and do it our way or you'll have the embarrassment of having to move your agencies off British soil. As a gesture of goodwill you can pay the backlog of congestion charges too and then we'll consider letting you have a new Embassy....."
Of course he won't have the balls to do that but this is no way to treat your number one ally and whose troops have died supporting dubious military conquests.

New site for American Embassy?

Wonder where that will be? Battersea is the stated location but where? The recent snow fiasco that shut London has necessitated other ways of travel and the easiest for Plondon involves taking a bus toVauxhall Cross then changing to a 360 that takes him to the door of his workplace.
Whilst travelling on the bus for around 30 mins along the embankment it suddenly struck me that we were running parallel to Battersea Power Station after turning left into Bessborough Gdns and a run up Lupus Street then Grosvenor Road, Embankment, turn at Bull Ring Gate left into Chelsea Bridge Road.
As we passed the old site for Chelsea Barracks it dawned on me what a nice site for the US Embassy. Whilst not strictly SW11 (Battersea) that area is only just across Chelsea Bridge. Work on some sort has already started there. Plondon can booast he was introduced to the SA80 rifle there, ripping off more than a few rounds in what used to be the range, which backed on to Dove Walk.
On the east side is Ebury Bridge Road, where the notorious tapping centre, Tinkerbell, was once housed. Then again if one reads the description the land could well be on the south side on the site of the Battersea power station.

Synthesised voices the Stasi way:

Thanks to Jeorg Drobick [de]: http://de.sevenload.com/videos/RU75ZOzW-MfS-Stimme

A belter indeed; thanks Jeorg.

Another Belter concerning the Gravy Train [*and the spout of the Gravy Boat that feeds the Gravy Train seems to be located near Parliament Square in my opinion*].

Excellent piece seen in the 'First Post' [included here for those without PC availabbility, URL for all others to enable them to see the excellent comments and the full article]:

Toe the line with the US and Israel and that pension fund will keep growing
By Neil ClarkFIRST POSTED FEBRUARY 18, 2009
http://www.thefirstpost.co.uk/46559,opinion,tony-blairs-reward-for-following-the-foreign-policy-goals-of-the-us-and-israel

So, Tony Blair has been awarded a $1m prize for "his exceptional leadership and steadfast determination in helping to engineer agreements and forge lasting solutions to areas in conflict".

Some will argue that Blair should be on trial for war crimes, not receiving prizes. Others will say that the award, made by the Dan David Foundation of Tel Aviv, is a huge own goal for Israel because it sinks the country's international standing even lower after its actions in Gaza.

But they are missing the point.

The award - along with many of the other riches which have come Blair's way since he left Downing Street - is the payback for doing 'the right thing' by way of the US and Israel while he was in office.

Follow the 'right' foreign policy and look forward to a comfortable retirement

The £2m-plus annual fee from JP Morgan Chase... the $250,000 for a 45-minute speech on the US lecture circuit... the all-expenses paid jaunts to Jerusalem as the Quartet's (ineffectual) Middle East envoy... it all serves as a reminder to members of the western political elite of the enormous financial rewards that will come their way if they toe the line.

It makes no difference that the $1m from Dan David will go to the former Prime Minister's 'Faith Foundation'; it is still heading for the overall Blair kitty.

Over the past six years, there has been much debate as to why Blair led Britain into a disastrous and illegal war with Iraq. Some say it was due to a passionate belief in spreading democracy. Others maintain that he genuinely believed that Iraq possessed WMD. But the simple, unavoidable truth is that Anthony Charles Lynton Blair is now a far richer man than he would have been had he followed the example of French President Jacques Chirac and opposed the war.

For Chirac there have been no offers from JP Morgan Chase, no US lecture tours and absolutely no prospect of a Dan David leadership prize. John Howard, the former Australian Prime Minister who, like Blair, supported the Iraq war, has fared rather better: he too has been booked to impart his 'wisdom' on the US lecture circuit.

We know that money has always been a major motivator for the Blairs, as it is for most politicians everywhere. The number of genuinely principled politicians - the Tony Benns and Enoch Powells of this world, who are prepared to put their beliefs before their careers and long-term financial security - is very small indeed. And Washington and Tel Aviv know this.

The message from both the US and Israel to Britain's political elite could not be clearer: if you continue to follow the 'right' foreign policy and take your country into wars which we desire - such as Iraq - you can look forward to a very comfortable retirement.

Today it's Blair who's reaping the financial benefits for his Atlanticism and his pro-Zionism; tomorrow it will be David Cameron, who also supported the Iraq war and who stayed silent as Israel bombarded Gaza.

After the disaster in Iraq, many Britons would love to see a reorientation of our country's foreign policy. But they are likely to be disappointed until other countries can offer our opportunistic and unprincipled leaders the lucrative pension plans that the US and Israel can afford.

http://www.thefirstpost.co.uk/46559,opinion,tony-blairs-reward-for-following-the-foreign-policy-goals-of-the-us-and-israel

SPECIAL MATTERS : Operation Jallaa: Nil

MESSAGES: **Thanks E ….. in next NL.**

Apologies for the delay with this issue, Micrsoft 2007, loss of Newsletter, loss of PDF and a whole host of other gremlins affected this issue. Thanks to all those who have helped getting stuff in on time and also offered other assistance – you all know who you are, a big thanks.

Unexplained Interference issues? Visit: http://www.ukqrm.org

ENIGMA 2000 Group: http://groups.yahoo.com/group/enigma2000

Frequency Details can be downloaded from: http://www.cvni.net/radio/

More Info on 'oddities' can be found on Brian of Sussex' excellent web pages: http://www.brogers.dsl.pipex.com/page2.html **NEW URL**

RELEVANT WEB SITES

http://www.eyespymag.com/

http://www.monitoringmonthly.co.uk

http://www.espionageinfo.com/

PLEASE SEND ALL CONTRIBUTIONS TO ARRIVE NO LATER THAN 7 DAYS BEFORE THE LAST DAY OF THE MONTH.

Please note that all items intended for publication in the next ENIGMA 2000 newsletter should be received in good time. Please send your articles, news items and requests via: enigma2000-owner@yahoogroups.com
Please indicate if you wish to be contacted direct.
If you wish to be credited with your article please indicate, otherwise all work will be treated as 'Anon'.

2009 Calendar

January 2009

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2009

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
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March 2009

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29	30	31				

April 2009

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26	27	28	29	30		

May 2009

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24	25	26	27	28	29	30
31						

June 2009

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21	22	23	24	25	26	27
28	29	30				

July 2009

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			1	2	3	4
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12	13	14	15	16	17	18
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26	27	28	29	30	31	

August 2009

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23	24	25	26	27	28	29
30	31					

September 2009

Su	Mo	Tu	We	Th	Fr	Sa
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20	21	22	23	24	25	26
27	28	29	30			

October 2009

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November 2009

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December 2009

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Unexplained Interference issues? Visit: http://www.ukqrm.org

Chart Section Index

Thanks to all our contributors

Prediction March 2009

Date	Day	Time (utc)	TX	Name	Freq (kHz)
1	sun	07.00	M01	2 tone station	6508
1	sun	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
2	mon	09.00	S11a	Cherta	7772
2	mon	09.15	E11	Oblique	8196
2	mon	11.55	E23	Former G02	8188
2	mon	19.00	G06	German lady 00000	6870 inactive? Rpt on tue if msg
2	mon	20.00	G06	German lady 00000	5190 inactive? Rpt on tue if msg
2	mon	20.10	M01b		4991
2	mon	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
3	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
3	tue	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
3	tue	07.15	E11	Oblique	11486
3	tue	09.15	S11a	Cherta	7798
3	tue	13.00	M55		12150
3	tue	18.00	M01	2 tone station	5475
3	tue	18.02	M45	Morse sister of S21	4555 and 4955
3	tue	18.20	M01b		4848
3	tue	18.42	S21	Russian lady 000	4454 and 4854
3	tue	20.00	M01	2 tone station	5018
3	tue	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
4	wed	07.30	G11	Strich	6252
4	wed	09.00	S11a	Cherta	7377
4	wed	09.15	S11a	Cherta	7798
4	wed	11.55	E23	Former G02	8188
4	wed	13.00	G06	German lady 00000	5432
4	wed	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
4	wed	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
5	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
5	thu	08.00 / 08.10	E17	English lady 00000	14260 12930
5	thu	18.00	M01	2 tone station	5475
5	thu	18.02	M45	Morse sister of S21	4555 and 4955
5	thu	18.30	G06	German lady 00000	5934 +/- 20 kHz
5	thu	18.42	S21	Russian lady 000	4454 and 4854
5	thu	20.00	M01	2 tone station	5018
5	thu	21.10 / 30 / 50	E07	English man 000 000	???? 5836 4497
5	thu	21.32	M01b		5735 5940
6	fri	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
6	fri	11.00	G11	Strich	7317
6	fri	13.00	M55		12150
6	fri	19.30	G06	German lady 00000	5442 +/- 20 kHz
6	fri	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
6	fri	22.02	M01b		5442
7	sat	1500	M01	2 tone station	6261
8	sun	07.00	M01	2 tone station	6508
8	sun	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
9	mon	09.00	S11a	Cherta	7772
9	mon	09.15	E11	Oblique	8196
9	mon	20.10	M01b		4991
9	mon	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
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24	tue	20.00	M01	2 tone station	5018
24	tue	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
25	wed	07.30	G11	Strich	6252
25	wed	09.00	S11a	Cherta	7377
25	wed	09.15	S11a	Cherta	7798
25	wed	09.55	E23	Former G02	8188
25	wed	13.00	G06	German lady 00000	5432
25	wed	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
25	wed	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
26	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
26	thu	08.00 / 08.10	E17	English lady 00000	14260 12930
26	thu	18.00	M01	2 tone station	5475
26	thu	18.02	M45	Morse sister of S21	4555 and 4955
26	thu	18.42	S21	Russian lady 000	4454 and 4854
26	thu	20.00	M01	2 tone station	5018
26	thu	21.10 / 30 / 50	E07	English man 000 000	???? 5836 4497
26	thu	21.32	M01b		5735 5940
27	fri	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
27	fri	11.00	G11	Strich	7317
27	fri	13.00	M55		12150
27	fri	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178

Date	Day	Time (utc)	TX	Name	Freq (kHz)
27	fri	22.02	M01b		5442
28	sat	1500	M01	2 tone station	6261
29	sun	07.00	M01	2 tone station	6508
29	sun	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
30	mon	09.00	S11a	Cherta	7772
30	mon	09.15	E11	Oblique	8196
30	mon	20.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
30	mon	20.10	M01b		4991
31	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
31	tue	07.15	E11	Oblique	11486
31	tue	09.15	S11a	Cherta	7798
31	tue	13.00	M55		12150
31	tue	18.00	M01	2 tone station	5475
31	tue	18.02	M45	Morse sister of S21	4555 and 4955
31	tue	18.20	M01b		4848
31	tue	18.42	S21	Russian lady 000	4454 and 4854
31	tue	20.00	M01	2 tone station	5018

European Number Systems

English	**zero**	**one**	**two**	**three**	**four**	**five**	**six**	**seven**	**eight**	**nine**
Bulgarian	nul	edín	dva	tri	chétiri	pet	shest	sédem	ósem	dévet
French	zero	un	deux	trois	quatre	cinq	six	sept	huit	neuf
German^	null	eins	zwei	drei	vier	fünf	sechs	sieben	acht	neun
Spanish	cero	uno	dos	tres	cuatro	cinco	seis	siete	ocho	nueve
Czech	nula	jeden	dva	tr^i	chtyr^i	pêt	shest	sedm	osm	devêt
Polish	nula	jeden	dwa	trzy	cztery	pie,c'	szes'c'	siedem	osiem	dziewie,c'
Romanian	zero	unu	doi	trei	patru	cinci	s,ase	s,apte	opt	nouâ
Slovak*	nula	jeden	dva	tri	shtyri	pät'	shest'	sedem	osem	devät'
* *West*	nula	jeden	dva	try	shtyry	pet	shest	sedem	ossem	devat
* *East*	nula	jeden	dva	tri	shtyri	pejc	shesc	shedzem	osem	dzevec
Serbo-Croat	nula	jèdan	dvâ	trî	chètiri	pêt	shêst	sëdam	ösam	dëve:t
Slovene	nula	ena	dva	tri	shtiri	pet	shest	sedem	osem	devet
Russian	null	odín	dva	tri	chety're	pyat'	shest'	sem'	vósem'	dévyat'

^ Some German numerals have a radio accent. The numbers in question are:

2 ZWEI pronounced by some TXs, as TSWO .

5 FUNF some pronounce it as FUNUF poss hrd as a fast TUNIS

9 NEUN pronounced by some as NEUGEN.

This is totally in keeping with some German armed forces stations and corresponds to our WUN, FOWER, FIFE, NINER

Arabic Numerals [E25 and V08]

English	zero	one	two	three	four	five	six	seven	eight	nine
	0	1	2	3	4	5	6	7	8	9
Arabic	sifr	wahid	itnien	talata	arba	khamsa	sitta	saba	tamanya	tissa
	٠	١	٢	٣	٤	٥	٦	٧	٨	٩

Numeral systems used on selected Slavic Stations **[***Stations apparently discontinued*]

	S11 Presta	**S11a Cherta**	***S10d***	***S17c***
0	zero	nul	Nula*	Nula*
1	yezinka	adinka	Jeden^	Jeden^
2	dvonta	dvoyka	dva	dva
3	troika	troyka	tri ‘	tri ‘
4	chidiri	chetyorka	shytri	shytri
5	peyonta	petyorka	pyet	pyet
6	shes	shest	shest	shest
7	sedm	syem	sedoom	sedoom
8	osem	vosyem	Osoom~	Osoom~
9	prunka	dyevyet	devyet	devyet

Notes: * Nula heard as nul

^ Jeden heard as yedinar
‘ Tri heard as ‘she’
~ Osoom often heard as bosoom or vosoom.

E03a Cherry Ripe Prediction Chart

GMT/UTC	Freqs	Sun	Mon	Tues	Wed	Thu	Fri	Sat
0000	**A**		*	*	*	*	*	
0100	**B**		*	*	*	*	*	
0200	**Z1**		*	*	*	*	*	
0500	**Z3**		*	*	*	*	*	
0600	**B3**		^	^	^	^	^	
0700	**Z4**		*	*	*	*	*	
1000	**C**		*	*	*	*	*	
1100	**B1**		*	*	*	*	*	
1200	**B1**		*	*	*	*	*	
1300	**X**		*	*	*	*	*	
2200	**B2**	*	*	*	*	*		
2300	**B**	*	*	*	*	*		

A: 14730 18865

B : 18864 21866
B1: 18864 23461
B2: 18864 24644
B3: 18465 22645

C: 20474 23461

X: 12590 14355

Z1: 18065
Z3: 16525 18465
Z4: 20610 21865

Slots marked ^ not proven

[E03a revision E03v 18 31122008]

E03 Lincolnshire Poacher Prediction Chart [ARCHIVE]

GMT/UTC	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1200	A3	A3	A3	A3	A3	A3	A3
1300	A3	A3	A3	A3	A3	A3	A3
1400	B1	C1	A2	Y	A3	A3	C3
1500	D	B2	G1	A5	Z1	A3orD	D
1600	F1	D	B2	G2	C2	A4	D
1700	D	F6	D	A1	J1	A6	B2
1800	E2	E2	X	F5	A1	J1	A6
1900	F5	E2	F5orE2	J2	F5	B2	J1
2000	E1	F5orE2	E2	F5	F5	F5	F3
2100	X	F4	E2	E2	X	F5	F5
2200	J1	F2	E1	E2	E2	X	F5

A1: 16475 14487 12603
A2: 16314 14487 12603
A3: 16084 15682 14487
A4: 16084 14487 12603
A5: 16084 14487 11545
A6: 16084 13375 11545

B1: 15682 14487 11545
B2: 15682 13375 11545

C1: 14487 12603 10426
C2: 14487 12603 8464
C3: 14487 11545 10426

D : 13375 12603 11545

E1: 12603 10426 8464
E2: 12603 9251 7337
E3: 9251 7337 5746

F1: 11545 10426 8464
F2: 11545 10426 6959
F3: 11545 10426 6900
F4: 11545 9251 7887
F5: 11545 9251 6959
F6: 11545 8464 6959

G1: 10426 8464 7755
G2: 10426 7755 6485

J1: 8464 6485 5422
J2: 8464 6485 5746
J3: 8464 6475 5422

X: 9251 6959 5746
Y: 20707 19452 18233
Z: 17417 14487 12603
Z1: 19452 17417 16084

[E03 Chart revision 31/12/2008]

M01b frequency schedule

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Monday												
ID				**420**	**364**	**364**	**364**	**364**	**420**	**420**		
1810				3535	5125	5125	5125	5125	3535	3535		
//				4590	5735	5735	5735	5735	4590	4590		
ID	**853**	**853**	**420**								**853**	**853**
1910	2435	2435	3535								2435	2435
//	3520	3520	4590								3520	3520
ID				**771**	**858**	**858**	**858**	**858**	**771**	**771**		
1915				3644	5150	5150	5150	5150	3644	3644		
//				4454	5475	5475	5475	5475	4454	4454		
ID				**298**	**729**	**729**	**729**	**729**	**298**	**298**		
2010				4991	5815	5815	5815	5815	4991	4991		
//				5336	6769	6769	6769	6769	5336	5336		
ID	**375**	**375**	**771**								**375**	**375**
2015	2427	2427	3644								2427	2427
//	3205	3205	4454								3205	3205
ID	**136**	**136**	**298**								**136**	**136**
2110	4615	4615	4991								4615	4615
//	5065	5065	5336								5065	5065
Tuesday												
ID	**812**	**812**	**812**	**812**	**812**	**812**	**812**	**812**	**812**	**812**	**812**	**812**
1620	4646	4646	4646	4646	4646	4646	4646	4646	4646	4646	4646	4646
//	5151	5151	5151	5151	5151	5151	5151	5151	5151	5151	5151	5151
ID	**210**	**210**	**210**	**210**	**210**	**210**	**210**	**210**	**210**	**210**	**210**	**210**
1820	4141	4141	4141	4141	4141	4141	4141	4141	4141	4141	4141	4141
//	4848	4848	4848	4848	4848	4848	4848	4848	4848	4848	4848	4848
Thursday												
ID				**159**	**159**	**159**	**159**	**159**	**159**	**159**		
1500				5938	5938	5938	5938	5938	5938	5938		
//												
ID				**201**	**815**	**815**	**815**	**815**	**201**	**201**		
1832				3510	5095	5095	5095	5095	3510	3510		
//				4605	5760	5760	5760	5760	4605	4605		
ID	**910**	**910**	**201**								**910**	**910**
1932	2466	2466	3510								2466	2466
//	3545	3545	4605								3545	3545
ID				**477**	**936**	**936**	**936**	**936**	**477**	**477**		
1942				3715	5065	5065	5065	5065	3715	3715		
//				4570	5805	5805	5805	5805	4570	4570		
ID				**302**	**931**	**931**	**931**	**931**	**302**	**302**		
2032				4905	5763	5763	5763	5763	4905	4905		
//				5736	5941	5941	5941	5941	5736	5736		
ID	**382**	**382**	**477**								**382**	**382**
2042	2485	2485	3715								2485	2485
//	3160	3160	4570								3160	3160
ID	**514**	**514**	**302**								**514**	**514**
2132	4603	4603	4905								4603	4603
//	4991	4991	5736								4991	4991

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec

Friday

ID	**158**	**158**	**158**	**158**	**158**	**158**	**158**	**158**	**158**	**158**	**158**	**158**
1515	xxxx	xxxx	xxxx	5810	5810	5810	5810	5810	5810	5810	xxxx	xxxx
1615	5810	5810	5810								5810	5810
ID				**153**	**336**	**336**	**336**	**336**	**153**	**153**		
1902				3625	5075	5075	5075	5075	3625	3625		
//				4440	5465	5465	5465	5465	4440	4440		
ID	**866**	**866**	**153**								**866**	**866**
2002	2653	2653	3625								2653	2653
//	3197	3197	4440								3197	3197
ID				**582**	**467**	**467**	**467**	**467**	**582**	**582**		
2010				3520	4895	4895	4895	4895	3520	3520		
//				4585	5340	5340	5340	5340	4585	4585		
ID				**271**	**871**	**871**	**871**	**871**	**271**	**271**		
2102				4766	5329	5329	5329	5329	4766	4766		
//				5443	5752	5752	5752	5752	5443	5443		
ID	**610**	**610**	**582**								**610**	**610**
2110	2405	2405	3520								2405	2405
//	3180	3180	4585								3180	3180
ID	**419**	**419**	**271**								**419**	**419**
2202	4508	4508	4766								4508	4508
//	4706	4706	5443								4706	4706

With a receiver set to CW mode you will hear two tones. The table above shows the lower tone. Add 2 k/cs for next tone. The tones are modulated so you will also hear this in AM mode.

M01 Schedule

ID 197 November to February
Sunday 0700z 5464
Tuesday & Thursday 1800z 5320 2000z 4490
Saturday 1500z 5810

ID 463 March, April, Sept & Oct
Sunday 0700z 6508
Tuesday & Thursday 1800z 5474 2000z 5020
Saturday 1500z 6261

ID 025 May to August
Sunday 0700z 6780
Tuesday & Thursday 1800z 5280 2000z 4905
Saturday 1500z 6434

Times remain the same throughout the year.

Revised 18th December 2008

M12 Log1 Jan 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 1	04**40**	4443	05**00**	5043	05**20**	- - -	408	0 0 0	
	05**10**	5888	05**30**	6952	05**50**	7707	897	464	62
	1400	13582	1420	12082	1440	- - -	503	0 0 0	
	19**30**	7539	19**50**	6839	20**10**	- - -	587	0 0 0	
Fri 2	0700	9138	0720	10538	0740	- - -	138	0 0 0	
	1400	13582	1420	12082	1440	- - -	503	0 0 0	
Sat 3	None	Found							
Sun 4	09**30**	13369	09**50**	14669	10**10**	- - -	369	0 0 0	
Mon 5	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0800	14736	0820	13536	0840	12136	751	872	75
	1500	14412	1520	13384	1540	- - -	431	0 0 0	
Tue 6	04**40**	4443	05**00**	5043	05**20**	- - -	408	0 0 0	
	05**10**	5888	05**30**	6952	05**50**	7707^	897	231	24
	>>>	Local	Power	Cut	1645	- 2000z	<<<		
Wed 7	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0800	14736	0820	13536	0840	12136	751	872	75
	1200	13456	1220	12156	1240	- - -	418	0 0 0	
	18**30**	8192^	18**50**	7692^	19**10**	6792	167	786	239
	2200	5361	2220	4461	2240	- - -	340	0 0 0	

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

M12 Log1 Jan 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 8	04**40**	4443	05**00**	5043	05**20**	- - -	408	0 0 0	
	05**10**	5888	05**30**	6952	05**50**	7707	897	231	24
	1400	13582	1420	12082	1440	10382	503	476	57
	19**30**	7539	19**50**	6839	20**10**	- - -	587	0 0 0	
Fri 9	0700	9138^	0720	10538	0740	12138	138	615	171
	1400	13582	1420	12082	1440	10382	503	476	57
Sat 10	None	Found							
Sun 11	09**30**	13369	09**50**	14669	10**10**	15969	369	262	75
	18**30**	8192	18**50**	7692	19**10**	6792	167	786	239
Mon 12	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0800	14736	0820	13536	0840	- - -	751	0 0 0	
	1500	14412^	1520	13384^	1540	- - -	431	0 0 0	
	1800	8047^	1820	6802	1840	5788	463	9933	77
	1900	8047^	1920	6802	1940	5788	463	819	38
	2000	NH	2020	7931^	2040	6904	257	1858	69
Tue 13	04**40**	4443	05**00**	5043	05**20**	5843	408	8513	217
	05**10**	5888	05**30**	6952	05**50**	- - -	897	0 0 0	
	0600	6782	0620	7523	0640	8173	749	1179	131
	1700	8047	1720	6802	1740	5788	463	1586	70
	19**30**	7539	19**50**	8136	20**10**	- - -	587	0 0 0	
Wed 14	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0800	14736	0820	13536	0840	- - -	751	0 0 0	
	1200	13456	1220	12156	1240	- - -	418	0 0 0	
	18**30**	8192^	18**50**	7692^	19**10**	6792	167	677	195
	2200	5361	2220	4461	2240	- - -	340	0 0 0	

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

M12 Log2 Jan 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 15	04**40**	4443	05**00**	5043	05**20**	5843	408	8513	217
	05**10**	5888	05**30**	6952	05**50**	- - -	897	0 0 0	
	1400	13582	1420	12082	1440	- - -	503	0 0 0	
	19**30**	7539	19**50**	6839	20**10**	- - -	587	0 0 0	
Fri 16	0600	7371^	0620	8122^	0640	9244^	374	9583	139
	0700	9138	0720	10538	0740	- - -	138	0 0 0	
Sat 17	None	Found							
Sun 18	09**30**	13369	09**50**	14669	10**10**	15969	369	357	87
	18**30**	8192^	18**50**	7692	19**10**	6792	167	307	95
Mon 19	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0800	14736^	0820	13536	0840	12136	751	261	177
	1500	14412	1520	13384	1540	- - -	431	0 0 0	
	1800	8047^	1820	6802	1840	5788	463	1935	73
	1900	8047^	1920	6802	1940	5788	463	3746	131
	2000	9176^	2020	7931	2040	6904	257	1857	90
Tue 20	04**40**	4443	05**00**	5043	05**20**	5843	408	868	207
	05**10**	5888	05**30**	6952	05**50**	7707	897	714	57
	0600	6782	0620	7523^	0640	8173^	749	2970	145
	1700	8047^	1720	6802	1740	5788	463	3215	52
	19**30**	7539	19**50**	6839	20**10**	- - -	587	0 0 0	
Wed 21	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0800	14736	0820	13536	0840	12136	751	261	177
	18**30**	8192^	18**50**	7692^	19**10**	6792	167	835	217
	2200	5361	2220	4461	2240	- - -	340	0 0 0	

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

M12 Log2 Jan 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 22	04**40**	4443	05**00**	5043	05**20**	5843	408	868	207
	05**10**	5888	05**30**	6952	05**50**	7707	897	714	57
	1400	13582	1420	12082	1440	- - -	503	0 0 0	
	19**30**	7539	19**50**	6839	20**10**	- - -	587	0 0 0	
Fri 23	0600	7371^	0620	8122^	0640	9244^	374	3256	120
	0700	9138	0720	10538	0740	12138	138	3954	159
Sat 24	None	Found							
Sun 25	09**30**	13369	09**50**	14669	10**10**	- - -	369	0 0 0	
	18**30**	8192^	18**50**	7692	19**10**	6792	167	835	217
Mon 26	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0800	14736	0820	13536	0840	- - -	751	0 0 0	
	1500	14412	1520	13384	1540	- - -	431	0 0 0	
	1800	8047	1820	6802	1840	5788	463	9126	51
	1900	8047^	1920	6802	1940	5788	463	6344	102
	2000	9176^	2020	7931	2040	6904	257	7292	53
Tue 27	04**40**	4443	05**00**	5043	05**20**	5843	408	166	205
	05**10**	5888	05**30**	6952	05**50**	- - -	897	0 0 0	
	0600	6782	0620	7523	0640	8173	749	3327	135
	1700	8047	1720	6802	1740	5788	463	6491	90
	19**30**	7539	19**50**	6839	20**10**	5739	587	635	127
Wed 28	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0800	14736	0820	13536	0840	- - -	751	0 0 0	177
	1200	13456	1220	12156	1240	- - -	418	0 0 0	
	18**30**	8192^	18**50**	7692^	19**10**	6792	167	735	179
	2200	5361	2220	4461	2240	- - -	340	0 0 0	

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

M12 Log2 Jan 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 29	04**40**	4443	05**00**	5043	05**20**	5843	408	166	205
	05**10**	5888	05**30**	6952	05**50**	- - -	897	0 0 0	
	1400	13582	1420	12082	1440	- - -	503	0 0 0	
	19**30**	7539	19**50**	6839	20**10**	- - -	587	0 0 0	
Fri 30	0600	7371	0620	8122^	0640	9244^	374	7413	123
	0700	9138	0720	10538	0740	- - -	138	0 0 0	
Sat 31	None	Found							

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

M12 Log1 Feb 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sun 1	18**30**	10476^	18**50**	9276^	19**10**	8176^	421	735	179
Mon 2	0800	17427	0820	15827	0840	14527	485	297	177
	1500	15862^	1520	14522^	1540	- - -	853	0 0 0	
	1800	8047^	1820	6802	1840	5788	463	3064	51
	1900	8047^	1920	6802	1940	5788	463	2456	100
	2000	9176^	2020	7931	2040	6904	257	9423	52
Tue 3	04**40**	5872	05**00**	6772	05**20**	7672	876	920	103
	05**10**	6964	05**30**	7882	05**50**	9324	983	502	48
	0600	6782^	0620	7523^	0640	8173	749	6234	120
	1700	8047^	1720	6802	1740	5788	463	3264	51
	19**30**	9384^	19**50**	8184	20**10**	- - -	317	0 0 0	
Wed 4	0500	5291	0520	6891	0540	- - -	284	0 0 0	
	0800	17427	0820	15827	0840	14527	485	297	177
	18**30**	10476^	18**50**	9276^	19**10**	8176	421	214	209
	2200	5429	2220	4629	2240	- - -	460	0 0 0	
Thu 5	04**40**	5872	05**00**	6772	05**20**	7672	876	920	103
	05**10**	6964	05**30**	7882	05**50**	9324	983	502	48
	19**30**	9384^	19**50**	8184	20**10**	- - -	317	0 0 0	
Fri 6	0600	7371^	0620	8122^	0640	9244^	374	1943	120
	0700	9338	0720	10638	0740	12138	238	613	195
	1500	14893^	1520	13593	1540	- - -	851	0 0 0	
Sat 7	1500	15862	1520	14522	1540	- - -	853	0 0 0	

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

M12 Log1 Feb 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sun 8	18**30**	10476^	18**50**	9276^	19**10**	8176^	421	214	209
Mon 9	0500	5291	0520	6891	0540	- - -	284	0 0 0	
	0800	17427	0820	15827	0840	14527	485	880	93
	1500	15862^	1520	14522	1540	- - -	853	0 0 0	
	1800	8047^	1820	6802^	1840	5788	463	6616	75
	1900	8047^	1920	6802^	1940	5788	463	9714	100
	2000	9176^	2020	7931^	2040	6904	257	4342	71
Tue 10	04**40**	5872	05**00**	6772	05**20**	7672	876	5232	191
	05**10**	6964	05**30**	7882	05**50**	9324	983	181	63
	0600	6782	0620	7523	0640	8173	749	2745	120
	1700	8047^	1720	6802^	1740	5788	463	1997	50
	19**30**	9384^	19**50**	8184	20**10**	- - -	317	0 0 0	
Wed 11	0500	5291	0520	6891	0540	- - -	284	0 0 0	
	0800	17427	0820	15827	0840	14527	485	880	93
	18**30**	10476^	18**50**	9276^	19**10**	8176	421	516	233
	2200	5429	2220	4629	2240	- - -	460	0 0 0	
Thu 12	04**40**	5872	05**00**	6772	05**20**	7672^	876	5232	191
	05**10**	6964	05**30**	7882	05**50**	9324	983	181	63
	1500	14893	1520	13593^	1540	- - -	851	0 0 0	
	19**30**	9384	19**50**	8184	20**10**	- - -	317	0 0 0	
Fri 13	0600	7371^	0620	8122^	0640	9244^	374	8412	125
	0700	9338	0720	10638	0740	- - -	238	0 0 0	
Sat 14	Not	Monit	-ored						

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

M12 Log2 Feb 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sun 15	18**30**	10476^	18**50**	9276^	19**10**	8176^	421	516	233
Mon 16	0500	5291	0520	6891	0540	- - -	284	0 0 0	
	0800	17427	0820	15827	0840	14527	485	416	203
	1500	15862	1520	14522	1540	- - -	853	0 0 0	
	1800	8047	1820	6802	1840	5788	463	3516	50
	1900	8047^	1920	6802^	1940	5788	463	1391	123
	2000	9176^	2020	7931^	2040	6904^	257	2513	86
Tue 17	04**40**	5872^	05**00**	6772^	05**20**	7672^	876	157	123
	05**10**	6964	05**30**	7882^	05**50**	9324	983	730	34
	0600	6782^	0620	7523^	0640	8173	749	7517	138
Wed 18	0500	5291	0520	6891	0540	- - -	284	0 0 0	
	0800	17427	0820	15827	0840	14527	485	416	203
	18**30**	10476^	18**50**	9276^	19**10**	8176^	421	818	195
	2200	5429	2220	4629	2240	- - -	460	0 0 0	
Thu 19	04**40**	5872	05**00**	6772	05**20**	7672	876	157	123
	05**10**	6964	05**30**	7882^	05**50**	9324	983	730	34
	1500	14893	1520	13593^	1540	12193	851		
Fri 20	0600	7371^	0620	8122^	0640	9244^	374	8517	121
	0700	9338	0720	10638	0740	12138	238	1633	147
	1500	14893	1520	13593	1540	12193	851	375	79
Sat 21	1500	15862	1520	14522	1540	- - -	853	0 0 0	

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

M12 Log2 Feb 2009 **Brian - S.E. England**

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sun 22	18**30**	10476^	18**50**	9276	19**10**	8176^	421	818	195
Mon 23	0500	5291	0520	6891	0540	- - -	284	0 0 0	
	0800	17427	0820	15827	0840	14527	485	868	175
	1500	15862	1520	14522	1540	- - -	853	0 0 0	
	1800	8047^	1820	6802	1840	5788	463	3514	51
	1900	8047^	1920	6802	1940	5788	463	1076	104
	2000	9176^	2020	7931^	2040	6904	257	9273	50
Tue 24	04**40**	5872	05**00**	6772	05**20**	- - -	876	0 0 0	
	05**10**	6964	05**30**	7882	05**50**	- - -	983	0 0 0	
	0600	6782^	0620	7523^	0640	8173	749	5146	121
	1700	8047^	1720	6802^	1740	5788	463	2848	49
	19**30**	5816	19**50**	5216	20**10**	- - -	825	0 0 0	
Wed 25	0500	5291	0520	6891	0540	- - -	284	0 0 0	
	0800	17427	0820	15827	0840	14527	485	868	175
	1800	8047^	1820	6802	1840	5788	463	5423	60
	18**30**	10476^	18**50**	9276^	19**10**	8176	421	2156	107
	2200	5429	2220	4629	2240	- - -	460	0 0 0	
Thu 26	04**40**	5872	05**00**	6772	05**20**	7672	876	389	95
	05**10**	6964	05**30**	7882	05**50**	- - -	983	0 0 0	
	1500	14893	1520	13593	1540	12193	851	150	59
	19**30**	5816	19**50**	5216	20**10**	- - -	825	0 0 0	
Fri 27	0600	7371^	0620	8122^	0640	9244	374	3045	120
	0700	9338	0720	10638	0740	- - -	238	0 0 0	
	1500	14893	1520	13593	1540	12193	851	150	59
Sat 28	1500	15862	1520	14522	1540	- - -	853	0 0 0	

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

E07 Regular Schedules

Monday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
2000				10128	12218	13376	13376	12218	10128	7874		
2020				9069	11163	11103	11103	11163	9069	6968		
2040				7519	9344	9928	9928	9344	7519	5253		
2100	6892	6931	7874								6931	6892
2120	5896	5928	6968								5928	5896
2140	4792	4894	5253								4894	4792

Tuesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
0700				6941	7978	8127	8127	6941	6893	5782		
0720				8041	9178	9327	9327	8041	7493	6892		
0740				*9241*	*9978*	*10127*	*10127*	*9241*	8193	*7582*		
0800	5416	5867	6893								5867	5234
0820	5816	6767	7493								6767	5734
0840	*6916*	7367	8193								7367	6834

Wednesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1700				12123	13388	13468	13468	13388	12223	11454		
1720				10703	12088	12141	11454	12088	11062	9423		
1740				8123	10504	10436	10126	10504	10116	8123		
1800	6774	7697	9923								8183	6982
1820	5836	6863	9068								6982	5836
1840	4893	5938	7697								5938	4938
2000				10128	12218	13376	13376	12218	10128	7874		
2020				9069	11163	11103	11103	11163	9069	6968		
2040				7519	9344	9928	9928	9344	7519	5253		
2100	6892	6931	7874								6931	6892
2120	5896	5928	6968								5928	5896
2140	4792	4894	5253								4894	4792
2100		5864	5864									
2120		5164	5164									
2140		4564	4564									

Thursday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
0430												
0450												
0510												
0530	5146	5146	5146								5146	5146
0550	5846	5846	5846								5846	5846
0610	6846	6846	6846								6846	6846
0700				6941	7978	8127	8127	6941	6893	5782		
0720				8041	9178	9327	9327	8041	7493	6892		
0740				*9241*	*9978*	*10127*	*10127*	*9241*	8193	*7582*		
0800	5416	5867	6893								5867	5234
0820	5816	6767	7493								6767	5734
0840	*6916*	*7367*	8193								7367	6834
2010				9387	11539	12213	11539	10753	9387	7516		
2030				7526	10547	10714	10547	9147	7526	5836		
2050				5884	*93***	9347	*93***	*76***	5884	4497		
2110	6777	6777	7516								6777	6777
2130	5449	5449	5836								5449	5449
2150	4483	4483	4497								4483	4483

Sunday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1700				12123	13388	13468	13468	13388	12223	11454		
1720				10703	12088	12141	11454	12088	11062	9423		
1740				8123	10118	10436	10126	10118	10116	8123		
1800	6774	7697	9923								8183	6982
1820	5836	6863	9068								6982	5836
1840	4893	5938	7697								5938	4938

The hundredths digit in each frequency trio gives the ID
i.e. 6**7**74 5**8**36 4**8**93 = 788

Revised 5th March 2009

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...	Mar kHz, ID, ...	Apr kHz, ID, ...	General Remarks
	x		x				0715		E11	03	7371 382/00	**7371** **382/00 search**	11486 382/00 search	11486 382/00 search	since 05/07, sometimes M03 **last log 01/09**
x		x					0715		E11	03	885/00 search	885/00 search	**14575** 885	**14575** 885	since 07/07 last log 10/08, seasonal?
		x					0730		G11	03	8088 508/00	8088 508/00	**6252** **508/00 search!**	**6252** **508/00 search!**	ex M03, since 09/07 **last log 01/09**
	x						0745		M03	03	114**86** 503/00	114**86** 503/00	10728 503/00	10728 503/00	**last log 11/08, deleted?**
x				x			0815		E11	03	9060 552/00	9060 552/00	9060 552/00	9060 552/00	10/06-04/08 M03, since 05/08, sometimes M03, **last log 02/09**
x		x					0845		E11	03	10200 252/00	**10200** **252/00 search**	12153 252/00	12153 252/00	11/06-09/07 M03, since 10/07 **last log 02/09**
			x	x			0845		E11	03	8800 232/00	8800 232/00	9576 232/00	9576 232/00	since 09/06, in 07/08 1x 9576 **last log 02/09**
			x				0845		M03	03	12660 503/00	12660 503/00	12397 503/00	12397 503/00	since 02/06 **last log 01/09**
x							0900		S11A	03	**10210** **976/00**	**10210** **976/00 search**	7772 976/00	7772 976/00	ex M03, since 11/07 **last log 01/09**
		x					0900		S11A	03	9610 214/00	9610 214/00	7377 214/00	7377 214/00	ex M03, since 02/06 **last log 12/08**
x		x			x		0915		E11	03	**7317** **284/00**	7317 284/00 search	8196 284/00	8196 284/00	ex M03, since 09/06 **last log 02/09**
	x	x					0915		S11A	03	7798 221/00	7798 221/00	7798 221/00	7798 221/00	10/06-11/07 M03, 11/07-06/08 E11 07/08-08/08 E11+S11A, since 09/08, **last log 02/09**
			x				1000		S11A	03	10384 976/00 search	10384 976/00 search	8759 976/00	8759 976/00	ex M03, since 11/07 **last log 01/09**
	x			x			1030		E11	03	7749 312/00	7749 312/00	8759 312/00	8759 312/00	since 05/02 **last log 01/09**
			x				1030		S11A	03	9960 214/00, 215/00	9960 214/00, 215/00	7984 214/00, 215/00	7984 214/00, 215/00	09/05-01/06 M03, since 02/06 **last log 02/09**
		x					1100		E11	03	**9339** **186/00**	9339 186/00 search	9610 186/00	9610 186/00	since 06/05 **last log 01/09**
			x				1100		E11	03	5823 742/00	5823 742/00	6433 742/00	6433 742/00	since 05/07 last log 12/08
				x			1100		G11	03	9443 508/00	9443 508/00	7317 508/00	7317 508/00	ex M03, since 09/07 **last log 01/09**
	x						1115		E11	03	11104 193/00 search	11104 193/00	12229 193/00 search!	12229 193/00	since 02/07 **last log 02/09**
	x						1200		E11	03	6280 741/00	6280 741/00	6524 741/00 search!	6524 741/00	04-08/07 M03, since 09/07 **last log 02/09**
x							1230		E11	03	**9443** 186/00 search	**9443** 186/00 search	9960 186/00 search!	9960 186/00	since 07/07 last log 12/08
	x			x			1230		E11	03	7439 312/00	7439 312/00	8544 312/00	8544 312/00	since 07/01, in 07/08 1x 9610 **last log 02/09**
	x						1245		M03	03	9150 366/00	9150 366/00 search	**366/00 search**	**366/00 search**	since 12/07 **last log 01/09**
		x					1330		M03	03	**7663** **271/00, 278/00**	**7663** **271/00, 278/00**			since 11/07, **Mar-Oct see 1445Z** **last log 01/09**
*		x					1445		M03	03			7663 **271/00, 278/00**	7663 **271/00, 278/00**	since 06/07, **Nov-Feb see 1330Z** last log 09/08
x							1545		M03	03			7837 142/00	7837 142/00	since 05/07, Nov-Feb see 1620Z last log 10/08
				x			1545		M03	03	404/00 search	404/00 search	**7837** **404/00 search!**	**7837** **404/00 search!**	since 06/07 last log 08/08, seasonal?
x							**1625**		M03	03	4828 142/00	4828 142/00 search			since 01/08, Mar-Oct see 1545Z last log 12/08
x		x			x		1630		E11	03	4181 287/00	4181 287/00	6252 287/00	6252 287/00	ex M03, since 08/06 **last log 02/09**

M3 E11 S11 Listings FEB/09

Day	Tim	ID	Nov to Feb		May to Aug		Sep/Oct Mr/Apr	
Mon								
E11	**0715**	**885**			**16005**		**14575**	
E11	**0815**	**552**	**9060**		**9060**		**9060**	
E11	**0845**	**252**	**12153 / 10200**		**8800**		**12153**	
S11a	**0900**	**976**	**10210**		**7439**		**7772**	
E11	**0915**	**284**	**7317**		**9576**		**8196**	
E11	**1230**	**186**	**9443**		**10125**		**9960**	
E11	**1415**	**311**			**12202**			
M03	1545	142	xxxxx		9150		7837	
	1625	142	4828		xxxxx		xxxxx	
E11	**1630**	**287**	**4181**		**7377**		**6252**	
Tues								
E11	**0645**	**856**	**14753**				**14753**	
E11	**0715**	**382**	**7371**		**11486**		**11486**	
M03	0745	503	11486		10246		10728	
S11a	**0915**	**221**	**7798**		**5737**		**7798**	
E11	**1030**	**312**	**7749**		**9610**		**8759**	
E11	**1115**	**193**	**11104**		**12229**		**12229**	
E11 Alt	**1200**	**741**	**6280**		**7637**		6524	
E11	**1230**	**312**	**7439**		**9448**		**8544**	
M03	1245	366	9150		xxxx			
M03	1400	366	xxxx		10221			
E11	**1415**	**131**			**12660**		**13537**	
Weds								
E11	**0715**	**885**			**16005**		**14575**	
G11	**0730**	**508**	**8088**		**6797**		**6252**	
E11	**0845**	**252**	**12153 / 10200**		8800		**12153**	
S11a	**0900**	**214**	**9610**		**6524**		**7377**	
S11a	**0915**	**221**	**7798**		**5737**		**7798**	
E11	**0915**	**284**	**7317**		**9576**		**8196**	
E11	**1100**	**186**	**9339**		**9902**		**9610**	
M03	1330	271	7663		xxxx		xxxx	
M03	1445	271	xxxx		7663		7663	
E11	**1630**	**287**	**4181**		**7377**		**6252**	

Day	Time	ID	Nov To Feb		May To Aug		Sep/Oct Mr/Apr	
Thurs								
E11	**0715**	**382**	**7371**		**11486**		**11486**	
	0845	**232**	**8800**		**9448**		**9576**	
M03	0845	503	12660		12202		12397	
S11a	**1000**	**976**	**10384**		**7984**		**8759**	
S11a	**1030**	**214**	**9960**		**7377**		**7984**	
E11 Alt	**1100**	**741/2**	**5823**		7377		**6433**	
Friday								
E11	**0645**	**856**	**14753**				**14753**	
E11	**0815**	**552**	**9060**		**9060**		**9060**	
E11	**0845**	**232**	**8800**		**9448**		**9576**	
E11	**1030**	**312**	**7749**		**9610**		**8759**	
G11	**1100**	**508**	**9443**		**8759**		**7317**	
E11	**1230**	**312**	**7439**		**9448**		**8544**	
M03	1245	821	12397			**x**		**x**
M03	1415	404	xxxx		xxxx		6977	
E11	**1415**	**311**			**12202**			
M03	1545	404	xxxx		7772		xxxx	
Saturday								
E11	**0915**	**284**	**7317**		**9576**		**8196**	
M03	1525	512	6906					
E11	**1630**	**287**	**4181**		**7377**		**6252**	
Sunday								
M03	1815	669			8102			x

x = not heard
All IDs relate to **NUL** messages.
Amended 3rd March 2009
G11not reported during February – did it just take a months holiday?

E11b Spreadsheet Analysis from swl5656

E11b	0600	0645	0715	0815	0845	0915	1115	1415
Monday		14752 [855/33] Mar08		9060 [558/34] Sep08 9060 [555/34] Aug08 9060 [550/37] 9960 [559/37] Jun08 9960 [559/34] May08 9060 [556/31] May08	12153 [257/34] 12153 [259/33] Sep08 8800 [253/32] May08 12153 [258/30] Mar08			12202 [314/38] Jul08 12202 [317/34] May08
Tuesday			11486 [386/30] 11486 [383/37] May08 11486 [384/34] Apr08 11486 [383/30] Mar08			7798 [228/32] Apr08	11104 [194/35] Feb09 12229 [198/32] Sep08 12229 [199/34] Aug08 12229 [198/30] May08 12229 [192/30] Apr08	12660 [367/36] Aug08 12660 [139/36] May08
Wednesday					8800 [251/37] Aug08]	7798 [210/30] Mar08 7798 [222/32] Dec07		
Thursday			11486 [385/35] 11486 [386/30]		8800 [231/36] 9576 [237/30] 9576 [237/36] 8800 [QRM/QRM] Feb09 8800 [239/33] Jan08			
Friday		14753 [857/31] Nov08		9060 [550/35] 9060 [559/34] Jun08 9576 [236/31] Sep08	8800 [230/38] 9476 [234/35] May08 8800 [239/33] Jan08 9576 [239/35] May08 9576 [238/34] Mar08 8800 [230/36] Feb09		12229 [190/38] Sep08 11104 [194/35] Feb09	
Saturday								
Sunday								

Family 1A

S06 and E06 both ending fast zeroes

History and March/April predictions

Day	time (utc)	2009 January	2009 February	2009 March	2009 April	ID Jan	ID Feb	ID Mar	ID Apr	week
S06 mon	08.30	xxxxx	xxxxx		9225	xxxx	xxxx		480	every
S06 mon	09.30	xxxxx	xxxxx		6810	xxxx	xxxx		480	every
S06 mon	19.00/05	3189/3672	3189/3672	? /4491		407	407	407	407	every
S06 mon	08.30	xxxxx	xxxxx		9225	xxxx	xxxx		480	every
S06 mon	12.00	xxxxx	xxxxx		8130	xxxx	xxxx		480	every
S06 mon	20.15	xxxxx	xxxxx	xxxxx	9095	xxxx	xxxx	xxxx	285	2 & 4
S06 mon	21.15	6920	6965	7680	7630	121	684	492	285	2 & 4
S06 mon	22.15	5180	5320	5395	xxxxx	121	684	492	xxxx	2 & 4
S06 tue	08.40	xxxxx	xxxxx	xxxxx	?	xxxx	xxxx	xxxx	636	4
S06 tue	09.40	xxxxx	xxxxx	xxxxx	12093 ?	xxxx	xxxx	xxxx	636	4
tue E06	13.00				11120				147	1 & 3
tue E06	14.00				9130				147	1 & 3
tue E06	20.00	6780	6840	6965	8170	826	190	375	604	2 & 4
tue E06	21.00	5420	5360	5290	6875	826	190	375	604	2 & 4
tue E06	22.00	xxxxx	xxxxx	xxxxx	6981 ?	xxxx	xxxx	xxxx	295	2 & 4
tue E06	23.00	xxxxx	xxxxx	xxxxx	5768 ?	xxxx	xxxx	xxxx	295	2 & 4
S06 wed	08.30	xxxxx	xxxxx		9235	xxxx	xxxx		480	every
S06 wed	09.00	xxxxx	xxxxx		6810	xxxx	xxxx		480	every
S06 wed	18.00/05	3540?/	3540/	/5070		471	471	471	471	every
wed E06	19.15	5255	?	5 mhz	6795	714	203?	659?	842	3rd
S06 wed	19.30/05	3812?				274	274	274	274	Sat R
S06 wed	20.00/05	3183/3712				969	969	969	969	Sat R
wed E06	20.15	3830	NH	4445	5125	714	203?	659?	842	3rd
S06 thur	19.00/05	3189/3672	3189/3672	? /4491	5168/4458	407	407	407	407	every
thu E06	20.30	4836	4836	5186	5186	321	321	891	891	1 & 3
thu E06	21.00	5085	5115	5210	6845	773	903	196	388	4th
thu E06	22.00	4035	4490	4515	4630	773	903	196	388	4th
fri E06	21.30	4760	4760	5197	5197	472	472	634	634	1 & 3
S06 sat	16.00/05	4613/	4613/	7513/8076	7513/8076	969	969	969	969	every
S06 sat	19.30/35	3252/3812	3252/3812	4952 ?		274	274	274	274	every
updated 4th March										

NH = Not heard

R = Repeat if there is a message on Saturday

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...	Mar kHz, ID, ...	Apr kHz, ID, ...	General Remarks
			x				1830	14d	G06	01A	4519 271	4519 271	5935 579	5935 579	since 05/01 **last log 02/09**
x	x						1900	1	G06	01A	5110 308	5455 308	6870 308	8055 308	Tue rpt only in case of msg on Mon sked since 02/02, freqs since 01/05 **last log 11/08**
				x			1930	14d	G06	01A	4792 436	4792 436	5442 947	5442 947	since 04/01 rpt of Thu 1830Z **last log 12/08**
x	x						2000	1	G06	01A	4025 308	4465 308	5190 308	6930 308	Tue rpt only in case of msg on Mon sked since 02/02, freqs since 01/05 **last log 11/08**

S06 Regular skeds ending slow 3rd March 09

Day	time (utc)	jan feb nov dec	mar apr sep oct	may jun jul aug	ID	
mon	13.00	8420	9145	10230	831	One hour earlier
mon	13.10	10635	11460	12165	831	Nov to Feb
mon	16.00	7436	8040	9256	176	
mon	16.10	6668	6830	7889	176	
tue	07.00	5250	5760	5430	374	
tue	07.15	6320	6930	6780	374	
tue	08.00	5810	7320	7245	418	
tue	08.10	7440	9840	9670	418	
tue	08.00	10265	11635	14373	352	
tue	08.10	9135	10420	12935	352	
tue	12.30	5810	4 mhz?		278	
tue	12.40	6770	5805		278	
tue	15.00	5070	6464	6666	537	
tue	15.10	6337	7242	7744	537	
wed	05.30	9435	10835	11435	153	
wed	05.40	11075	12170	12650	153	
wed	08.20	6880	7605	6755	471	
wed	08.30	7840	9255	5835	471	
wed	08.30	7335	7335	7335	745	One hour earlier
wed	08.40	11830	11830	11830	745	May to October
wed	08.40	9260	9480	10120	328	
wed	08.50	11415	11040	9670	328	
wed	09.00	12365	13420	14580	729	
wed	09.10	14280	15380	16020	729	
wed	12.00	7030	?	7765	481	
wed	12.10	6305	?	6815	481	
wed	12.30	4580	7620	7545	967	
wed	12.40	6420	8105	8220	967	
wed	14.30	5320	5320	5320	624	
wed	14.50	6515	6515	6515	624	
wed	19.00	8530	9220	10170	371	
wed	19.10	7520	8270	9110	371	
thu E17z	08.00	11170	14260		674	
thu E17z	08.10	9820	12930		674	
thu	09.00	9750	10950	12110	167	
thu	09.10	10580	12310	13790	167	
thu	10.00	8535	9225	10175	895	
thu	10.10	10480	11515	12215	895	
thu	12.00	10580	12560	10410	425	
thu	12.10	9950	13065	9690	425	
thu	12.30	7865	8650	9255	314	
thu	12.40	5310	7385	7630	314	
fri	06.00	5460	6340	8340	934	
fri	06.10	?	5470	5810	934	
fri	06.00	7150	7795	7845	196	One hour later
fri	06.10	8215	8695	9125	196	Oct to March
fri	09.30	11780	12140	10290	516	
fri	09.40	12570	13515	9655	516	
sat	10.00	6440			893	
sat	10.10				893	

ID 624 appears to have gone on 'walk about'
It has not been heard since end of January.

Current Cuban Skeds Heard From 0000-0700 UTC
This covers 1900-0200 local EDT in the USA
(January-February 2009)

	0000	0100	0200	0300	0400	0500	0600	0700
SUN							*6826(SK)*	*5883(P)*
							6786(SK)	*6786()*

	0000	0100	0200	0300	0400	0500	0600	0700
MON				*4174(P)*	*4035(S)*		*11435(SK)*	*5883(P)*
				6855(P)	*6768(S)*		*11532(SK)*	
						12120sk		
						13380sk		
					6768()	5898(P)	5800(S)	

	0000	0100	0200	0300	0400	0500	0600	0700
TUE		*3389(P)*	*3292(S)*				*6826(SK)*	*5883(P)*
							6786(SK)	*9063()*
						12120sk		
				10125(P)	11565(S)	13380sk		
				4027(P)	3292(S)	5898(P)	5800(S)	

	0000	0100	0200	0300	0400	0500	0600	0700
WED				*4479(P)*	*4329(S)*			
						12120sk		
						13380sk		
								9153(P)

	0000	0100	0200	0300	0400	0500	0600	0700
THUR							*6826(SK)*	*5883(P)*
							6786(SK)	*9063()*
						12120sk		
						13380sk		
				10445(P)	11565(S)	5898(P)	5800(S)	

	0000	0100	0200	0300	0400	0500	0600	0700
FRI		*4028(P)*	*5417(S)*		*4479(P)*	*4028(S)*		*5883(P)*
		8136()						
						12120sk		
						13380sk		
				12214(P)	13379(S)			9153(P)

	0000	0100	0200	0300	0400	0500	0600	0700
SAT		*6768(P)*	*5762(S)*	*4028(P)*	*3292(S)*		*11435(SK)*	*5883(P)*
		5135(P)	*4028(S)*				*11532(SK)*	
				10125(P)	11565(S)	5898(P)	5800(S)	

Current Cuban Skeds Heard From 0800-1500 UTC
This covers 0300-1000 local EDT in the USA
(January-February 2009)

	0800	0900	1000	1100	1200	1300	1400	1500
SUN	*5898(S)*							*5771(P)*
		10432(P)	9112(S)					4034(P)

	0800	0900	1000	1100	1200	1300	1400	1500
MON	*5898(S)*							*5771(P)*
	8186(SK)	*9063(SK)*						
						12115(P)	12134(S)	
		10432(P)	9112(S)			8096(P)	8096(S)	4034(P)

	0800	0900	1000	1100	1200	1300	1400	1500
TUE	*5898(S)*	*9040(P)*	*9240(S)*					*5771(P)*
	8180(SK)	*8180(SK)*	*8186(SK)*					
						12214(P)	13374(S)	4034(P)

	0800	0900	1000	1100	1200	1300	1400	1500
WED		*9040(P)*	*9240(S)*	*3360(P)*	*4035(S)*			*5771(P)*
	8186(SK)	*9063(SK)*						
	9063(S)					10714(P)	10857(S)	
						8096(P)	8096(S)	4034(P)

	0800	0900	1000	1100	1200	1300	1400	1500
THUR	*5898(S)*	*9040(P)*	*9240(S)*					*5771(P)*
	8180(SK)	*8180(SK)*						
		8186(SK?)						
						12115(P)	12134(S)	4034(P)

	0800	0900	1000	1100	1200	1300	1400	1500
FRI	*5898(S)*	*9040(P)*	*9240(S)*					*5771(P)*
						12214(P)	13374(S)	
	9063(S)	10432(P)	9112(S)			8096(P)	8096(S)	4034(P)

	0800	0900	1000	1100	1200	1300	1400	1500
SAT	*5898(S)*	*9040(P)SK*	*9240(S)SK*					*5771(P)*
	8186(SK)	*9063(SK)*	*4035(P)*	*4507(S)*				
			3025(P)	4478(S)				4034(P)

Current Cuban Skeds Heard From 1600-2300 UTC
This covers 1100-1800 local EDT in the USA
(January-February 2009)

	1600	1700	1800	1900	2000	2100	2200	2300
SUN	*17515(P)*	*17435(S)*			*7887(P)*	*6855(S)*		
	6867()							
	4506(S)		8097(P)	8097(S)		7974(P)	7481(S)	

	1600	1700	1800	1900	2000	2100	2200	2300
MON	*17515(P)*	*17435(S)*			*7887(P)*	*6855(S)*		
	17436(SK)							
	16178(SK)							
				6786(P)	7554(S)		7519(P)	8009(S)
	4506(S)		8097(P)	8097(S)		7974(P)	7481(S)	

	1600	1700	1800	1900	2000	2100	2200	2300
TUE	*17515(P)*	*17435(S)*	*13380()*		*7887(P)*	*6855(S)*		
	17436(SK)			*12180(P)*	*13380(S)*			
	16178(SK)			8125-8135(?)				
				6786(P)	7554(S)		7526(P)	8135(S)
	4506(S)		8097(P)	8097(S)		7974(P)	7481(S)	

	1600	1700	1800	1900	2000	2100	2200	2300
WED	*17515(P)*	*17435(S)*			*7887(P)*	*6855(S)*		
	17436(SK)							
	16178(SK)							
				6786(P)	7554(S)		7519(P)	8009(S)
	4506(S)		8097(P)	8097(S)		6932(P)	6854(S)	

	1600	1700	1800	1900	2000	2100	2200	2300
THUR	*17515(P)*	*17435(S)*		*7681()*	*7887(P)*	*6855(S)*		
	17436(SK)			*12180(P)*	*13380(S)*			
	16178(SK)							
				6786(P)	7554(S)		8009(P)	8135(S)
	4506(S)		8097(P)	8097(S)		6932(P)	6854(S)	

	1600	1700	1800	1900	2000	2100	2200	2300
FRI	*17515(P)*	*17435(S)*			*7887(P)*	*6855(S)*		
	17436(SK)							
	16178(SK)							
				6786(P)	7554(S)		7519(P)	8135(S)
	4506(S)		8097(P)	8097(S)		7974(P)	7481(S)	

	1600	1700	1800	1900	2000	2100	2200	2300
SAT	*17515(P)*	*17435(S)*			*7887(P)*	*6855(S)*		
	6867()							
	4506(S)		8097(P)	8097(S)		7974(P)	7481(S)	

Notes:

Skeds in MCW mode indicated in shaded cell.
V2a skeds are indicated in italic fonts.
M8a skeds are indicated in normal fonts.
The primary or first sked is indicated with (P).
The secondary, second or repeat sked is indicated with (S).
All skeds normally begin on the hour.
Frequencies listed as ( ), denote primary or secondary sked not determined.
Frequencies listed without ( ), denotes a possible sked.

SK01 notes:

At present SK01 seems to be using exclusively RDFT mode.
The second of two skeds listed at 0500z, 0600z and 1600z, are coming up on the half hour.

--Updated March 5, 2009—

Cuban Desk Contributors:

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MS (Michigan, USA)
Westt1us (Florida, USA)
JDRadiolistener (Australia!!!)

XPA Polytones

January 2009

XPA [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 0700z: 9356kHz 2. 0720z: 10956kHz 3. 0740z: 12156kHz
ID391 Mode: USB **[Tue/Fri]**

	ID/msg/serial no/gc/dk/end grp	
01Thu		
02Fri	391 000 03907 00001 00000 10140	2m25s
06Tue	391 000 01412 00001 00000 10140	2m25s
08Thu		
09Fri	391 000 04412 00001 00000 10140	2m25s
13Tue	391 1 01421 00293 35983 50627	5m24s
15Thu		
16Fri	391 1 01421 00293 35983 50627	5m24s
20Tue	391 1 00638 00197 45790 34315	4m27s
22Thu		
23Fri	391 2 00582 00237 95016 00000 00000 00638 00197 45790 34315	6m56s
27Tue	391 000 06432 00001 00000 10140	2m25s
29Thu	391 1 00309 00095 07120 21665	3m23s
30Fri	391 1 00309 00095 07120 21665	3m23s

Excellent strengths on all three sendings but with BC QRM2 at 0700z [40, 20 and 30dBs]
There may be some problems at the receiving end with the emergence of two msg format on 23/01. All good strengths this time though.

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd
[Schedule A]
1. 1900z: 7891kHz 2. 1920z: 6791kHz 3. 1940z: 5391kHz
ID873 Mode: USB **[Tue/Thu]**

ID/msg/serial no/gc/dk/end grp	
873 1 00832 00359 16660 00107	6m06s
873 000 09263 00001 00000 10140	2m25s
873 000 01163 00001 00000 10140	2m25s
873 1 00978 00237 04980 35343	4m49s
873 1 00978 00237 04980 35343	4m49s
873 1 05669 00277 59352 42573	5m16s
873 1 05669 00277 59352 42573	5m16s
873 000 03859 00001 00000 10140	2m25s
873 000 01293 00001 00000 10140	2m25s

Schedule A : 1730z sched in Summer.
Strong sendings to start, 10,20 and 30dBs for the repeat of the last message of 2008 on this schedule [with a different ID].

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd
[Schedule B]
1. 1900z: 5423kHz 2. 1920z: 4623kHz 3. 1940z: 4023kHz
ID460 Mode: USB **[Wed/Fri]**

	ID/msg/serial no/gc/dk/end grp	
02Fri	460 000 03334 00001 00000 10140	2m25s
07Wed	460 1 00310 00138 07797 26264	3m50s
09Fri	460 1 00310 00138 07797 26264	3m50s
14Wed	460 000 03334 00001 00000 10140	2m25s
16Fri	460 000 01134 00001 00000 10140	2m25s
21Wed	460 000 01134 00001 00000 10140	2m25s
23Fri	460 000 04761 00001 00000 10140	2m25s
28Wed	460 000 04761 00001 00000 10140	2m25s
30Fri	460 000 04761 00001 00000 10140	2m25s

Schedule B : 1800z sched in Summer.
UVB-76 can be heard prior to polytones but no apparent interference on 1920z sending. Good strengths to start. And excellent sigs on sendings of 16/01: 40, 40 and 60dBs respectively.

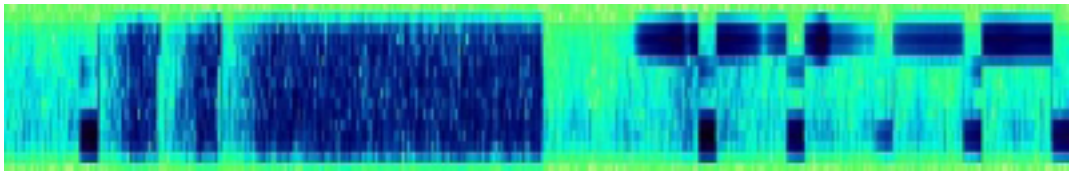
XPA [MFSK-20 Russian Intelligence Multitone System] 20 bd

1. 2100z: 5424kHz 2. 2120z: 4968kHz 3. 2040z: 4473kHz
ID825 Mode: MCW **[Tue/Fri]**

ID/msg/serial no/gc/dk/end grp

02Fri	494 000 01428 00001 00000 10140	2m14s
06Tue	494 1 00421 00235 23496 31711	3m26s
09Fri	494 1 00421 00235 23496 31711	3m26s
13Tue	494 1 00470 00073 06409 41127	2m34s
16Fri	494 000 07728 00001 00000 10140	2m14s
20Tue	494 000 01228 00001 00000 10140	2m14s
23Fri	494 000 04523 00001 00000 10140	2m14s
27Tue	494 000 06432 00001 00000 10140	2m14s
30Fri	494 000 01228 00001 00000 10140	2m14s

Poor sendings across the schedule, best output from 4473kHz at 2140z with a notable XJT present for the 2120z sending.
Better strengths by 20012009 but false start to 2140z sending.
30/01 saw a fault in the signal of 2100z sending which failed 1m30s from initial.



False Start 2140z 20012009

10956kHz 0720z23012009 [Example of Two Message format]
391 391 391 2 391 391 391 2 391 391 391 2

00582 00237 95016 93801 11205 93637 89894 03497 02017 83192
12799 60542 70833 46983 07313 69655 18030 10669 02353 32256
57047 29353 79992 35533 11945 61179 34418 77998 75997 71528
91748 20757 06684 60067 38986 46810 19796 17818 92484 10801
19983 12562 04445 40234 98646 34236 87768 99870 85249 76165
50877 21758 66459 82945 05843 70151 40949 44517 11979 53330
91626 50157 17021 12333

50870 20038 55486 22613 23043 22012 78303 40080 94851 70112
78205 03147 88648 88406 90682 16587 16105 06590 67803 43742
59347 91540 86848 58445 54686 32143 66549 65999 25894 52423
72076 22936 29464 97165 93546 53505 18445 13825 53163 06305
15715 80700 24521 50545 27571 63963 67302 33062 85746 73194
14663 18134 47478 09594 10386 34235 18481 68679 84681 16189
88820 50172 83777 78198

88956 34065 68995 37764 68954 46732 27241 74331 33867 68297
76397 74824 75729 60981 80372 35772 75785 13831 35546 02273
77340 06482 74661 87611 05470 82777 15243 46305 68514 81317
73039 36274 80889 32956 32955 44893 75756 60809 82971 54852
44409 36376 97849 03679 12306 99278 28292 78318 71748 64502
71494 37470 79560 51444 91632 21950 89214 20710 15709 81828
65668 02337 83915 62406

22638 31293 44601 23219 52806 02126 35068 75770 72444 88574
39609 28983 59352 52128 21367 79569 88256 75220 88887 20171
45608 70227 56404 92204 93665 29205 93006 05069 56595 37367
56354 69874 67385 25348 29839 08965 05285 42805 14747 77964
37299 88618 11910 77980 96085 48552 07592 **71431 00000 00000**
00638 00197 45790 66629 92005 78512 06894 50489 57425 70016
37578 39665 02651 02820

90375 27380 58363 69815 57426 60864 91731 02872 61424 53839
41632 18893 23142 05557 76050 78809 00510 57399 32685 28905
05978 71690 47210 92775 18734 39763 14760 48415 23190 14863
74362 82146 11075 35906 59480 43454 48944 46691 76219 25624
81140 44048 37170 74858 72454 87664 48851 32236 37498 02783
78256 23318 70507 90382 89079 26692 38344 99595 21610 35377
86791 53135 40566 65019

42162 31451 68242 85040 28423 38613 55189 83684 53935 66610
79726 52295 13928 61088 43417 93987 17163 96712 56837 70660
68657 95413 79019 43715 32860 77017 98476 45870 27394 67184
64270 42765 78096 02101 71083 72626 87868 98917 67466 67904
21271 61219 39753 62816 13414 02901 75093 14809 88980 48039
15985 01464 95287 67734 38147 13129 20738 52676 59525 84862
18775 29218 56255 96326

71846 21985 33188 81267 05578 61972 20226 88711 35345 95358
91459 45023 19634 93490 11865 68733 03638 04120 46887 57207
72860 72673 34398 07975 32878 23047 41768 03965 48586 16282
62763 46052 60217 97170 21123 80308 71572 06527 39530 95276
38283 87759 04024 34331 83211 57571 35078 51432 78258 54534
65164 03732 74851 54468 32775 04350 93166 **34315**++++++++++
++++++++++

February 2009

XPA [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 0700z: 10327kHz 2. 0720z: 11627kHz 3. 0740z: 13427kHz
ID364 Mode: USB **[Tue/Fri]**

	ID/msg/serial no/gc/dk/end grp	
03Tue	364 2 00350 00285 45092 47723 00000 00000 00309 00095 07120 21665	6m23s
05Thu		
06Fri	364 2 05595 00367 07683 26745 00000 00000 00350 00285 45092 47723	9m12s
10Tue	364 1 05595 00367 07683 26745	6m11s
12Thu		
13Fri	364 000 06892 00001 00000 10140	2m25s
17Tue	364 1 00648 00239 57316 44472	4m52s
19Thu		
20Fri	364 2 00276 00203 44168 15053 00000 00000 00648 00239 57316 44472	7m02s
24Tue	364 2 00276 00203 44168 15053	4m30s
26Thu		
27Fri	364 1 00983 00317 71234 14075	5m40s

Good initial strong sendings on 03/02, 40dBs, S9 and S9 respectively. Strong signal strengths on 05/02 and another two message format. This suggests something is not quite right with these signals. Perhaps they are not decoding well?

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd
[Schedule A]
1. 1900z: 8123Hz 2. 1920z: 7523kHz 3. 1940z: 6823kHz
ID158 Mode: USB **[Tue/Thu]**

	ID/msg/serial no/gc/dk/end grp	
	158 1 00791 00243 95281 21631	4m54s
	158 1 00791 00243 95281 21631	4m54s
	158 1 00762 00303 05182 03740	5m32s
	158 1 00762 00303 05182 03740	5m32s
	158 1 00797 00353 42644 12260	6m04s
	158 1 00797 00353 42644 12260	6m04s
	158 1 00817 00211 65910 46517	4m34s
	158 1 00817 00211 65910 46517	4m34s

Schedule A : 1730z sched in Summer.
The first two sendings of 03/02 were weak with some noise. The 1940z was a reasonably strong sending. .

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd
[Schedule B]
1. 1900z: 5744Hz 2. 1920z: 4644kHz 3. 1940z: 4044kHz
ID760 Mode: USB **[Wed/Fri]**

	ID/msg/serial no/gc/dk/end grp	
04Wed	975 000 04534 00001 00000 10140	2m25s
06Fri	975 000 04761 00001 00000 10140	2m25s
11Wed	975 000 04761 00001 00000 10140	2m25s
13Fri	975 000 04761 00001 00000 10140	2m25s
18Wed	975 000 04761 00001 00000 10140	2m25s
20Fri	975 000 09731 00001 00000 10140	2m25s
25Wed	975 000 04761 00001 00000 10140	2m25s
27Fri	975 000 04761 00001 00000 10140	2m25s

Schedule B : 1800z sched in Summer.
Very strong signals, 30, 60 and 40dBs for the first sending and generally strong across the month of February.

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

1. 2100z: 5892kHz 2. 2120z: 5268kHz 3. 2040z: 4572kHz
ID825 Mode: MCW **[Tue/Fri]**

ID/msg/serial no/gc/dk/end grp

03Tue	825 000 01228 00001 00000 10140	2m14s
06Fri	825 000 01228 00001 00000 10140	2m14s
10Tue	825 000 03228 00001 00000 10140	2m14s
13Fri	825 000 03118 00001 00000 10140	2m14s
17Tue	825 000 03118 00001 00000 10140	2m14s
20Fri	825 1 00725 00059 50345 15475	2m30s
24Tue	825 1 00725 00059 50345 15475	2m30s
27Fri	825 1 00735 00129 17733 53317	2m54s

Fair signals to start the Feb 2100z schedule; strong for 2120z and a massive 20-40dBs for the 2140z all to send a repeat of the null message last heard 30/01, but which originated on 20/01under a different ID.
Although the serial number has been repeated since 30/01 it changed to 03228 for the transmission of 10/02. The value was checked over the three sendings, produced the tone 880Hz, deemed to be fig 3.
The first two sendings were often noisy and the last having XJT in proximity but was strong enough to overcome the obvious [deliberate?] and unwanted signal.

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

1. 0900z: 5462kHz 2. 0920z: 6876kHz 3. 0940z: 7649kHz
ID257 Mode: USB **[Daily]**

ID/msg/serial no/gc/dk/end grp

20Fri	257 1 54189 00180 36370 13147		
21Sat	257 1 03878 00170 41465 15631		?first group
22Sun	Weak		
23Mon	257 1 ----- ----- ----- 12073	4m14s	Weak
24Tue	257 1 01983 00190 52022 62444	4m18s	
25Wed	257 1 09323 00170 78866 21357	4m09s	Weak
26Thu	XJT on 0920z	3m53s?	Weak
27Fri	257 1 04101 00190 98515 35366	5m40s	Weak
28Sat	257 1 02971 00179 05431 43422	4m15s	

This series, seen in the past was rediscovered by FN [Thanks]. Again there seems to be a variation in signal strengths as seen previously.

786/103 Islamic Educational Trust, Numerical Codes and an interesting insight.

We have been asked a question concerning the numerals 786/103 seen in the image below; whilst it has no *apparent* radio code use, there is a number code at use.
The preferred language of Muslims is Arabic because it is the language of the Prophet whilst numbers are the divine language of the Lord Almighty.

[*Note: the white marks are the removal of the phone number by E2k*]

See the Arabic Alphabet here:
http://www.appliedlanguage.com/languages/arabic/arabic_alphabet.shtml

In Arabic each of the twenty eight letters have a numeric value based on the Hebrew letters. This system is called Abjad horoof or letters. Thus for example Alif or A in Arabic has the value of 1.

In Hebrew the first letter is also Alef. The second letter of Arabic is Baa or Bay, which corresponds with the Hebrew letter Bet with a value of 2. The third letter in the Arabic language is Tey but in Hebrew is Gemal or Jeem as in Arabic which is the fourth letter in the Arabic numbers. However, following the Hebrew letters Jeem has a value of 3.

These numbers then move from 1 to 9, then the next digits are 10 through 90 and then from 100 to 1000, using up all the 28 letters of the Arabic language.

ABJD hWZ Hti KLMN S'aFS QRShT ZaZZAGH are used to define the numerical value of each letter.

786

The Abjad numbers are also used to assign numerical values to Arabic words for purposes of numerology. The common Islamic phrase بسم الله الرحمن الرحيم *bism illāh ir-raḥmān ir-raḥīm* "in the name of God, the merciful, the compassionate" has a numeric value of 786 (from a letter-by-letter cumulative value of 2+60+40 + 1+30+30+5 + 1+30+200+8+40+50 + 1+30+200+8+10+40), and the word "Allah" (God) by itself has the value 66 (1+30+30+5).
[http://en.wikipedia.org/wiki/Abjad_numerals]

If you can't understand the above then add these values up:

be	2	alif	1	alif	1	
siin	60	laam	30	laam	30	
miim	40	re	200	re	200	
alif	1	ba;Rii;he	8	ba;Rii;he	8	
laam	30	miim	40	chho;Ti ye	10	
laam	30	nuun	50	miim	40	
he	5					
sub-total	168	sub-total	329	sub-total	289	TOTAL: 786

Anyone who has listened to Iran Radio transmissions [schedule available on: http://worldservice.irib.ir/] will have heard the Arabic Transmission open with "Bism illāh ir-raḥmān ir-raḥīm ," the English sending opens with, 'In the name of God, Most Gracious, Most Merciful' and both openings are followed by passages from the Q'uran before the newscasts proceed.

For a further understanding of this system see also "Overview of the Abjad numerological system" by Frank Lewis http://bahai-library.com/essays/abjad.html

The chapters of the Holy Q'uran are listed in order of decreasing length; these chapters are called 'Sura' or sometimes 'Surah.' Their plural is 'Suwar'
Anyone who wishes proof to this fact can compare Sura 24 An-Noor or 'The Light' with Sura 103, the one in discussion. [Interestingly, it is Sura 24:2 used to argue for the wearing of the Hijab - these disputes having been heard in British Courts of Justice].

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This second number in what appears to the casual observer as the denominator in the fraction 786/103 refers to Sura 103: Al-`Asr (The Time, The Declining Day, Eventide, The Epoch) and from some translations, in this case taken from: 'Quran The Final Testament,' by Rashad Khalifa, PhD, it means 'The Afternoon.'
[*From my understanding I have never come across the word as 'Afternoon', knowing only the expression ' duhr' for noon, hence afternoon, or from my dictionary 'Asil'*].

Sura103, The Afternoon (Al-`Asr) from: Quran The Final Testament, by Rashad Khalifa, PhD.

[103:0] In the name of God, Most Gracious, Most Merciful

[103:1] By the afternoon.

[103:2] The human being is utterly lost.

[103:3] Except those who believe and lead a righteous life, and exhort one another to uphold the truth, and exhort one another to be steadfast.

I would like to thank 'Ammar' for his immediate answer that set me off on the immediate preparation of this answer and for putting me on a road that has given much satisfaction in researching

Thanks also to the respective member for asking this interesting question.

Paul Beaumont