

ENIGMA 2000 NEWSLETTER

Mar 03

Articles, news reports and Items of interest: enigma2000-owner@yahoogroups.com
<http://groups.yahoo.com/group/enigma2000>

Issue 15

Please note: We have changed our email address to : enigma2000-owner@yahoogroups.com

Welcome all to Issue 15, March 2003. We once again thank all our contributors for their ongoing support. It was noted (GD) that our "Spooks" fraternity had a busy Christmas Day with TX's being made by, amongst others, E3, E5, E7, M3, M8a, M10, M12, M13, M76, S7, S10d. Unknown how this compares with previous years.

A number of contributors have remarked that generally they have found conditions to be very poor over the past 2 months, this has been the case at my QTH also – to the point of me climbing up onto the roof and checking all the antenna connections and applying the Sig Gen to the main HF Rx to make sure it had not "gone deaf".

Solar Activity is still dropping, as mentioned in Issue 14, but had a slight increase during the 2nd week of Jan, peaking at 142 on 11th, but continued reducing down to 50 by 25th Feb. Only one Proton Enhancement/ Geomagnetic Storm has been reported since end of Dec, with negligible disruption, so overall the expectation was for some settled and reasonably good Rx conditions – in practice this didn't happen. Oops, Geomagnetic Storm warning just arrived, 13.00z 4 Mar.

In the past during times of escalating international tensions, despite our monitoring activity, no dramatic increases in "Numbers" activity has been reported, (except after the assassination of an Israeli Prime Minister) however, lately one station has gone into overdrive during the current Iraq crises, and a couple of other CW's have an increased activity level.

See the **M76** entry in CW section. One wonders if this is just co-incidence but it certainly is giving us a good opportunity to further study its habits and hopefully give us more clues as to its nature.

NEW. (GD) Control List, provisional addition, **XFR.**

Sounds similar to a "croaking frog" or "brrrt brrrt" currently on 7380kHz USB at 08.00z +- (S10/M10 freq), 7992kHz USB c20.00 – 22.00z and 18864kHz varying times (E3a freq)

MoK reported that on 3 Mar, starting c21.30z, on the Royal Signals ALE freq of 7992kHz, this station did some very odd things.

[It played the "croaks" at a series of decreasing pitches (speeds?), sounding like a decreasing diatonic scale, each pair being of slightly longer duration than the previous. At the end of this series it started speeding up quite quickly and the final few seconds sounded exactly like our well known "bubble jammers"]

Further investigations ongoing, Ed.

E10's much reduced "string" Tx's

V22 & V09 being heard with very good sigs in Europe.(LD & AB)

SELECTED MORSE STATIONS

Unid 1 Per IB

3091kHz, 15.40z, 4 Jan, Auto, 5f in groups of 5, short zero, ending "qru qru qru sk"

Unid 2 Per IB

6874kHz, 00.19z, 8 Jan. "r8iu r8iu r8iu de c8ed c8ed" ending ar ar ar.

Unid 3 Per IB

17468kHz, 08.07z 14 Jan. "cq cq cq de br6 qtc qtc" r. Mixed 2, 3 & 4 letter gps, ending – t – ar ar, qru qru sk sk.

Igor believes this may be a N.Korean number station, possibly in Hangul Morse.

A full typical TX transcript for this station was published in Issue 13.

Unid 4 Per IB

5574kHz, 13.35z, 16 Jan. "id id id nr 4136/ex2/33 = wo1/po kk" r2, ending ok ok sk sk.

Unid 4 Per PoSW

8088/9kHz, 07..33z, Wed 12 Feb.

Slow CW, keyed carrier tone modulated, sending "508 / 00" repeatedly. Ended " = = " then 3 well spaced dashes a few minutes later.

Has been previously logged same time/freq, always on a Wednesday, on 6 Nov & 11Dec 02

M08a

Some additional freqs logged for this issue 3826/ 4173/ 6933/ 7320/ 8009/ 8096/ 8136/ 9125/ 9237/ 9323/ 9328/ 10235/ 10446/ 11565/ 13594(harmonic of 6797)/ 13866/ 15780(harmonic of 7890)kHz.

Still having problems with mixing of multiple TX's, both M8a & V2a's. Two M8a's together is becoming a norm!

Even though we have previously stated that there are no fixed freqs for this station a definite pattern is beginning to emerge of the frequency/skcd usage, thanks to all the hard work put in by MS & K1RC.

We hope to publish a "General Guide" in a future issue.

M10

Possible new/additional sked at 00.10z, heard once on 5027kHz. Normally the 02.10/ 04.10z freq.

Possible sked at 20.20z on 4885kHz.

Possible // freq for 02.10z identified as 3532kHz (MP)

Other logs:-

4030//6763kHz, 16.30z . 7603kHz, 17.31z in prog .11 Jan. 25Jan & 1 Feb same freq pair for 16.30 sked, odd keying.

5031kHz, 18.31z, in prog, 13 Jan

4007kHz, 19.08z, in prog, 22 Jan

5741kHz, 17.00z 2 Feb & 18.00z 6 Feb

MS is investigating all M10 loggings, input required.

M10e

7380kHz, 08.00z, 15 Jan. Again with 2 x ID mssgs (97216 & 62540) of only 5 gps. Previously did his on 6 Nov 02.

M12

No set freqs/skeds, timing very erratic.

Sample logs.

5126kHz, 21.48z.. 4442kHz, 22.00z . 3 Jan

9101kHz, 19.40z. 7672kHz, 20.06z (same as Jan 2002). 5829kHz, 20.32z. 5 Jan. The 3 sendings of "168"

16216kHz, 08.00z (same as Dec 02, first sending would have been 07.40z on 14916kHz) "149" . 12 Jan

7672kHz, 20.00z. 5829kHz, 20.20z. 12 Jan (confirming reuse of 2002 freqs) 07.40z Tx not found.

M13

New 23.00z sked found on 6885kHz 13 Jan.

Now using the same freq for first, 05.30z & last 21.30z , daily Tx's of the 411 sked.

Other sample logs 5864kHz, 22.00z, 2 Jan, "254 R5, BT 230 20 BT"

6374kHz, 21.00z, 5 Jan "BT 264 21? BT"

6377kHz, 21.00z.7 Jan, weak+ QRN

4685kHz, 21.30z, 1 Feb, 411 sked.

M13d The twice monthly sked. (sometimes)

Back again, last heard Oct 2002, (MS)

5876kHz, 03.30z, 1 Mar & 2 Mar " 303 (R5) BT 276 54 BT"

Worth checking on 8/9 & 15/16 Mar for 2nd sked.

M14

Fri 7 Feb, first & third Friday of month sked

5080kHz, 21.00z, Clg 639. This was 2nd sending

M23

Recently 3 point DF'd, near Paris (AB)

Been very busy on 7795kHz daily 10.30z, could be tied into the hectic French activity in West Africa, their digi circuits also very active.

M51

No set freqs, TX'ing almost daily with its 100 gp mssgs, up to 5 hour skeds.

M62

3485kHz, 22.57z 1 Feb "b3et b3et b3et = rnj5 rnj5 rnj5"

M76

(ongoing investigation by GD)

The 4 character bogus c/s station. Will be using 3280kHz from Mar to Oct.

Usually only 2 TX's day at 05.00z & 17.50z, 25 wpm, long zero's. (heard in UK)

During 2002 it sent approx 30 messages in total.

As of 1st Mar it had already sent 195 messages!!! for 2003, with some very long TX's, up to 2 hours.

On 24th Feb it sent the messages:-

166/59, 163/36, 162/30, 161/39, 160/31, 159/37, 157/36, 156/31, 155/33, 154/28, 151/39, 150/33, 149/30, 148/36, 147/37 all in one TX sked, and these were quite long for this station.

The messaging structure is also odd, eg:-

On 27Feb it sent the following 6 messages, all of 11 gps, in one sked.

186	11	40545	79309	37932	50595	78269	30933	09251	24054	57930	98543	7xxxx
185	11	"	"	37931	"	"	"	"	"	"	98443	7xxxx
184	11	"	"	37930	"	"	"	"	"	"	98343	7xxxx
183	11	"	"	37939	"	"	"	"	"	"	98143	7xxxx
182	11	"	"	36938	"	"	"	"	24024	"	98043	7xxxx
181	11	"	"	37937	"	"	"	"	24024	"	97943	7xxxx

As can be seen the differences between these messages are minimal, no they are not mis-reads, and all start 40545 while all end with a 437, as have all M76's logged to date.

All messages have the first 11 groups similar to the above while the start to the preamble, after the c/s and No/GC is always 23610 with an "080" within the first 3 preamble groups, after several more groups you get RRRRR then usually either 206xx or 207xx followed by WWWWW . 437 obviously indicates "end of message" with the xxx's used as fillers to provide a 5 char. group, we can only speculate as to the significance of the 23610 and 080.

Certainly a very distinctive station..

There are obviously many more TX's during UK daytime which we cannot hear in Northern Europe and neither have any TX;s ever been heard in the 00.00 – 04.00z slot.

ANY additional info will be welcome, especially from Stateside, with as much detail as possible, it's time we nailed this one down.

M87

New sked,(IB) 8855kHz, 01.02z 1Jan, hand, 5f cut.

Call 482 482 482 91 91 all r, 189 189 51 51. All repeated.

Heard again, same freq/time, 14 Jan with Null mssg.

Thanks to: AB, BM, DoK, Gert, GD, IB, JMM, K1RC, LP, MP, MS, ML, MoK, PoSW, Anon 1 UK, Anon 1 EU

SELECTED VOICE STATIONS

We start with two UNIDS:

Arabic UNID: AF has sent a log in of Arabic Man transmissions on Thurs 13/02. If anyone can ID please let us know *InshAllah*.

5338kHz	2100z	13/02
	2200z	13/02
6927kHz	2000z	13/02
	2100z	13/02
	2200z	13/02

An UNID heard by Ary Boender:

4130kHz 1702z 29/01 'Slavic Man reading numbers'. See DoK's résumé of his Slavic experience and S13 and AF's logs!

Now onto the listings:

Frequencies preceded by 'c' have been taken from an analogue receiver.

E03/E03a

Apart from the regulations concerning the reception of wireless stations within Great Britain advice on reporting intelligence matters also 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 its representatives abroad. Although we are unable to stop discussion of E03/E03a, ENIGMA 2000 will remain aloof from any such discussion and will not be including reports or analysis on E03/E03a.

E05

E05 appears not be as active and questions have been asked. PoSW has noted this lack of activity and kindly supplies the answer in his log: 'Not much new to report on E05, A.K.A. "Cynthia"; activity still very low and I could find no trace of the Sunday 1200z schedule on 15,833 // 18,036kHz on 5 - Jan - 03 so perhaps this ceased with the end of 2002. However, the Saturday 1400z E05 on 18,617 // 19,622kHz did appear on 4 - January - 03 and the 2100z on 6,970 // 8,110kHz was noted in progress at 2118z also on 4 - January with suprisingly strong signals, S9 or even S9+ on both frequencies - most unusual!. The mode of transmission for this schedule has changed to "with carrier" in the last few weeks as opposed to the upper sideband suppressed carrier mode used for most of last year.

There also seems to be distinct lack of the E05 related data transmissions around at the moment; one exception is a schedule noted on Sunday 22 - December - 02 at 2000z on 9,090 // 11,526kHz and again on Sunday 29 - Dec -02; this was of the "Pulse Data" type . This schedule was often noted during the summer months of last year but became very weak and difficult to copy by late October; however it re - emerged with strong signals on the last two Sundays of 2002. It was heard again on Sunday 5 - January -03 but signals on both frequencies had reverted to being extremely weak . By the way, on the morning of Christmas Day there was an S9+ carrier modulated by a 1kHz audio tone on 9,090kHz. This was first noted at 0839z and was still on at 0910, 0940 and 1000z; the next time I checked was just after 1105z - and it had gone! I also checked a large number of other known E05 frequencies while the signal was on 9,090kHz but there was no other activity.

E05 continues at a very low level of activity in 2003; there appears to be only two transmissions per week now, on Saturday and Tuesday at 2100z on 6,970 // 8,110 kHz. The most recent loggings as follows:-

21-Jan-03, Tuesday, very weak signals on both frequencies, using "with carrier" mode (sometimes upper sideband suppressed carrier is used), "Call" 185, "Count" 92.

25-Jan-03, Saturday, USB suppressed carrier mode today, 185/92 again.

28-Jan-03, Tuesday, back to "with carrier" mode, 185/92 again. Surprised to find signals on both frequencies much stronger than usual; both were S9+ at the start of transmission although 8,110 was much weaker when checked again at 2115z.

1-Feb-03, Saturday, USB suppressed carrier mode, weak signals on both frequencies, the BC station on 6,973 very strong with resulting QRM to 6,970, 412/200.

4-Feb-03, Tuesday, USB again, 131/203.

11-Feb-03, Tuesday, USB, weak signals on both frequencies + severe BC QRM on 6,970, 585/191.

18-Feb-03, Tuesday, 2116 UTC, missed start, transmission in progress, USB mode, slightly stronger than usual on both frequencies, usual BC QRM on 6,970. "Count" after "Repeat";-162.

All other E05 schedules appeared to end in late November or early December - with one exception, the Saturday 1400z transmission on 18,617 // 19,622 KHz did show up on 4-Jan-03, weak signals on both frequencies, "Call" 482, the "Count" not copied due to a burst of local QRM at the wrong moment but probably 97 as the call/count on Saturdays 14, 21 and 28 of December-02 was 482/97. And the 1400z Saturday E05 has not been heard since. Also, the last remaining E05 - related data transmission seems to have gone, i.e. Sundays at 2000z on 9,090 // 11,526 KHz. This was noted on 19 and 26 January but nothing heard on Sundays in February.

However, someone is still firing up some of the E05 transmitters from time to time, no doubt to make sure everything is still working in case they are needed in a hurry. On Saturday 8-Feb-03 at 1218z there were very strong carriers modulated with audio tone on 6,970, 9,090 and 11,526 kHz. The tone seemed to be slightly higher in frequency than the usual 1kHz test signal and when fed into a frequency counter was shown to be 1.032 kHz. There was also a strong signal of some kind on 8,110 kHz which turned out to be the same tone being transmitted in USB mode. This was much stronger than when used for the Saturday and Tuesday 2100z transmission. These signals were still on at 1320z but had all gone when checked again at 1335z.' [Txn PoSW].

AF sent his E05 logs in:

6970kHz	2100z	04/01 [832]
	2100z	14/01
	2100z	18/01 [185] very weak
	2100z	21/01 [185 count 92] via AnonUK // 8110kHz
	2100z	28/01 [185]
8110kHz	2100z	04/01 [832]
	2100z	14/01
	2100z	18/01 [185] very weak
	2100z	28/01 [185]

Leif Dehio posted via 'Spooks', in answer to a mention that perhaps the only two freqs used were 6970/8110: 'The Frankfurt E05 transmitter was up this morning [18/01] between appx. 07:00 and 08:00z on the following channels (all USB): 6970, 8110, 9090, 11072 and 11526kHz. There was however no E05 "voice" transmission, only an unmodulated tone of circa 1050 Hz. All channels went silent at roughly 08:10z.'

February's reports on E05:

6970kHz	2107z	15/02
	2200z	15/02 [585] USB //8110 -- error?
	2100z	18/02 [585] USB //8110
8110kHz	2107z	15/02
	2200z	15/02 [585] USB //6970 -- error?
	2100z	18/02 [585] USB //6970

E06

The E06 English Man has become a bit more active in the last few weeks with several transmissions other than the established Saturday 1230z + 1330z being logged in January and February, including one with the longer than average Group Count of 239.

And from AF, Gert and PoSW and PLondon:

4326kHz	2130z	08/01 [320 00000] Strong FSK/RTTY stn nearby
4836kHz	2030z	16/01
	2035z	20/02 [596 43..] strong
4865kHz	2215z	23/01 [in prog 615 75 00000]
5237kHz	2200z	25/01 [196 00000] carrier noted on 5230kHz at 2145z prior to single '196' then freq shift.
5775kHz	2100z	23/01
6790kHz	2200z	08/02 [567-410/239] a repeat of 8060kz
	2200z	09/02 [dk 410 gc 239] repeat of 2100z 8060kHz
	2200z	14/02 [567-410/239] repeat of 2100z 8060kHz
6930kHz	2105z	19/02 [weak]
8060kHz	2112z	08/02 [410 410 239 239 00000]

PoSW remarks, 'transmission in progress, very strong signal, strength S9+, lower sideband well suppressed. Went on for ages! Ended around 2145z "410/239 00000", so a somewhat longer than usual message. Repeated again on 09/02 on this freq but weaker.

2100z	14/02 [567-410/239] Must be an important message!
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14743kHz	1332z	04/01 [648-293/107] PoSW
	1330z	05/01 [648-293/1092313] from Gert, Holland
	1330z	11/01 [648 701 46..]
	1330z	12/01 [648]
	1330z	18/01 [648 309 21 19394..]
	1330z	19/01 [648 309 21 19394..]
	1330z	25/01 [648 370 21 58391..]

14930kHz 1500z 08/02 [ID 829]
 1500z 09/02 [829-567/108 08561]
 15815kHz 1330z 08/02 [ID 302] Null Msg
 15817kHz 1330z 01/02 [302-857/61] slt BC QRM
 1330z 02/02 [302 857 61 95237 32986..]
 1330z 15/02 [302 489 30 88262]
 1330z 16/02 [302 489 30 88262]
 15845kHz 1600z 13/02 [307-586/127 12248]
 16327kHz 1230z 05/01 [648-293/1092313] from Gert, Holland
 1230z 11/01 [648-701/46]
 1230z 12/11 [648; restarted at 1238 : 648 648]
 1230z 18/01 [648-309/21] fin by 1238z
 1230z 19/01 [648]
 1230z 25/01 [648]

PoS W noted for 25/01: 'Another short message, same number of 5F groups as last Saturday but a different decode key; perhaps the same text but needing a different one - time pad; NOT the same 5Fs as I made a note of last week's message. Not a very strong signal, strength S5 to S6 at best, TV timebase QRM quite fierce but copy not too bad due to the suppressed lower sideband mode which seems to offer much better intelligibility under difficult conditions than the conventional AM which E06 used to employ for these weekend afternoon transmissions.

1230z 26/01 [648 370 21 58391..]
 1230z 26/01 [648 370 21 58391]
 17430kHz 1230z 08/02 [ID 302] Null Msg
 1320z 08/02 [ID 761] Null Msg
 1400z 08/02 [ID 829 108 Groups]
 17433kHz 1230z 01/02 [302-857/61]
 1234z 02/02 [...857 61 00000]
 1230z 08/02 [null msg 302]
 1230z 16/02 [302 489 30 88262]
 17442kHz 1230z 15/02 [302 489 30 88262..]
 1230z 16/02 [302 489 30 88262]

E07

PoS W writes: 'The E07 English Man remains very active; the early evening (UK time) Sunday and Wednesday schedule continues in February. Noted on Sunday, 9-Feb-03 and Wednesday 12-Feb-03:-

1800z, 9,402 kHz - inside 31 metre BC band, and 1820z, 8,135 kHz :- "419 419 419 000". No message so no third sending. The carrier always strong but the modulation low which makes copy difficult.

Yet another E07 schedule has appeared in February;- noted on Thursday 6-Feb-02, 1900z on 8,159 kHz;- E07 calling "198 198 198 1", DK/GC "794 76" x 2. The repeats were :- 1920z, 6,928 kHz and 1940z, 5,837 kHz, this last sending only just detectable under severe broadcast QRM inside the 49 metre band. This schedule displays the E07 characteristic of low modulation making for difficult copy. It showed up again on Thursday 13-Feb, call "198", DK/GC "804 54". The first sending on 8,159 was almost unreadable due to an S9+ "Jet" having made its home on this frequency since the previous Thursday. No doubt this E07 also appears on one other day of the week.

Other E07 activity;- noted on Monday 10-Feb-03, 2100z, 7,918 kHz and 2120z, 6,732 kHz, "970 970 970 000", so no third sending. Again, strong carrier but low modulation.

Noted on Wednesday 12-Feb-03, 0630z, 8,103 KHz, "913 913 913 000", very strong signal, modulation sounded deeper than that heard from the evening E07s.' [Txn PoSW]

From AF:

5103kHz 2140z 01/01 [981-196/28=13968] from Gert, Holland
 2140z 15/01
 2140z 22.01 [981 1 194 88 01410..]
 5899kHz 2120z 15/01 [9811560/79=78145] from Gert, Holland
 2120z 22/01 bad reception
 6964kHz 2100z 06/01 [981 981 981 000]
 2100z 13/01 [000]
 2100z 20/01 [981-194/88=01410] from Gert, Holland
 2100z 22/01 very weak sigs, heard by Gert as [981-194/88=01410]
 6968kHz 1800z 19/01 [980-642/130=12625] from Gert
 8103kHz 0630z 03/01 [Null Msg 913]
 0630z 15/01 [Null Msg 913]
 0630z 31/01 [Null Msg 913]

From PLondon and AF

7918kHz 2100z 10/02
 2100z 19/02 [970 000]
 6730kHz 2120z 10/02 [970 000]
 2120z 19/02 [970 000]
 2120z 24/02 From RN.
 5090kHz 2140z 10/02 NRH

February Wed/Fri schedule:

0610z 6934kHz
0630z 8103kHz

6934kHz 0610z 05/02 [null 913]
0610z 19/02 [null 913]
0610z 19/02 [null 913]
8103kHz 0630z 07/02 [null 913]
0630z 12/02 [null 913]

[Txn Gert].

Gert provides the first insight into the Sun/Wed 1800/1820/1840z sending:

8135kHz 1820z 16/02 [dk was 450, gc 54 first grp 73647]
1820z 19/02 [Null Msg 419]

February Schedule for Sunday/Wednesday being:

1800z 9400kHz
1820z 8135kHz
1840z 6903kHz

7918kHz 2100z 10/02 [null 970]
2100z 12/02 [null 970]
2100z 17/02 [null 970]
2100z 19/02 [null 970]
2100z 24/04 [970-827/54=73159]
6732kHz 2120z 26/02 [970-827/54=73159]

E10

From our E10 desk for January 03 by frequency

3.150

23:31 10 Jan PCD G110 * 23:01 23 Jan PCD2

3.230

22:45 03 Jan VLB2

3.270

22:46 18 Jan CIO2

3.640

22:06 21 Jan MIW2

3.840

23:01 22 Jan YHF2 * 00:01 23 Jan YHF G26 * 23:02 23 Jan YHF2

4.165

21:17 13 Jan CIO2 * 22:46 18 Jan CIO2 * 23:50 23 Jan CIO2 * 20:46 25 Jan CIO2

4.270

23:03 22 Jan PCD2

4.360

20:14 03 Jan KPA2 * 23:15 04 Jan KPA2 * 21:19 06 Jan KPA2 * 22:15 09 Jan KPA2

00:20 11 Jan KPA2 * 21:17 13 Jan KPA2 * 19:19 18 Jan KPA2 * 21:27 21 Jan KPA2

4.461

21:03 02 Jan FTJ G62

4.880

21:01 05 Jan ULX G66 * 16:31 08 Jan ULX G43 * 23:02 14 Jan ULX G17 * 23:00 18 Jan ULX G15

23:03 23 Jan ULX G118

5.091

19:04 08 Jan JSR G61+G28 * 21:04 13 Jan JSR G41 * 22:30 21 Jan JSR G42

5.230

19:46 01 Jan VLB2 * 22:45 03 Jan VLB2 * 16:45 08 Jan VLB2 * 21:10 13 Jan VLB2

21:40 14 Jan VLB12 * 01:45 15 Jan VLB2 * 20:50 16 Jan VLBM6 * 21:04 16 Jan VLB16

22:45 18 Jan VLB2 * 21:45 21 Jan VLB2 * 20:45 25 Jan VLB2 * 22:45 27 Jan VLB2

5.435

20:04 01 Jan ART2 * 00:01 04 Jan ART G100 * 23:02 04 Jan ART G42 * 21:32 05 Jan ART G38

16:31 08 Jan ART G29 * 22:02 13 Jan ART G96 * 22:01 14 Jan ART G96 * 00:01 23 Jan ART G54

23:03 23 Jan ART G119 * 23:30 26 Jan ART G116 * 23:18 27 Jan ART G112

5.820

20:04 01 Jan YHF2 * 18:24 03 Jan YHF G57 * 21:04 05 Jan YHF G43 * 22:04 09 Jan YHF G53

22:02 14 Jan YHF G53 * 01:36 15 Jan YHF G11+G13

6.370

16:19 05 Jan KPA2 * 23:20 06 Jan KPA2 * 22:15 09 Jan KPA2 * 21:49 21 Jan SYN2
23:50 23 Jan SYN2 * 20:45 25 Jan SYN2 * 22:48 27 Jan SYN2

6.912

20:18 02 Jan MIW2 * 18:18 03 Jan MIW2 * 23:17 04 Jan MIW2 * 01:20 15 Jan MIW2
22:05 15 Jan MIW2 * 21:36 21 Jan MIW2

6.930

21:17 13 Jan KPA2

6.986

23:02 04 Jan ART G42

7.445

20:14 03 Jan KPA2 * 22:04 15 Jan KPA2

7.811

20:48 01 Jan CIO2 * 17:18 03 Jan CIO2 * 16:46 08 Jan CIO2 * 21:17 13 Jan CIO2

20:58 15 Jan CIO10Z2 * 23:45 15 Jan CIO2 * 22:46 21 Jan CIO2

7.605

17:45 03 Jan SYN2

8.127

20:18 02 Jan MIW2 * 23:17 04 Jan MIW2 * 23:20 06 Jan MIW2

9.130

22:00 21 Jan ULX G47 + G80

E10 comments

Overall the reception for this month has been pretty poor, mainly due to natural atmospheric conditions rather than man made interference. However one or two things were found which I have listed.

14 Jan. 21:40 hrs on 5.230 VLB12 was heard for 10 mins, no group message passed.

15 Jan 20:58 hrs on 7.811 CIO10Z2 was also heard for almost 1hr (ended 21:52) no group message passed

16 Jan 20:50 hrs On 5.230 VLBM6 this changed to VLB16 at 21:04. and faded into the background noise at 21:50hrs no group messages were heard to be passed.

21 Jan I noted SYN2 was using 6.370 normally the frequency of KPA2

Longest/Shortest Group Message

ART G119

YHF G11

Frequency Changes

MIW2 6.912 * 3.640

KPA2 6.930

SYN2 6.370

Sp.Headers & C/S Variations

VLB12

VLB16

VLBM6

CIO10Z2

Most Active Heard

KPA2

MIW2

CIO2

ART

VLB2

YHF

E10 Desk Feb 03

2.626

01:11 02 Feb FTJ G100

3.150

00:32 02 Feb PCD G35 * 23:31 06 Feb PCD2 * 23:02 09 Feb PCD2

3.270

01:45 02 Feb CIO2

3.417

00:32 04 Feb ART G49

3.640

21:20 08 Feb SYN2 * 21:06 09 Feb SYN2 * 19:41 13 Feb SYN2 * 23:45 21 Feb SYN2

3.840

00:01 31 Jan YHF G75 * 00:01 02 Feb YHF G75

4.165

21:16 30 Jan CIO2Z92 * 01:45 02 Feb CIO2 * 00:47 03 Feb CIO2

4.270

00:33 02 Feb PCD G35

4.360

21:20 30 Jan KPA2 * 23:17 02 Feb KPA2 * 22:17 05 Feb KPA2 * 23:20 06 Feb KPA2

21:04 09 Feb KPA2 * 21:10 10 Feb KPA2 * 22:16 16 Feb KPA2 * 21:00 18 Feb KPA2

4.461

01:11 02 Feb FTJ G100

4.560

21:03 09 Feb YHF2 * 21:00 18 Feb YHF2

4.880

00:30 02 Feb ULX G33 * 00:34 09 Feb ULX G67 * 23:16 11 Feb ULX G53+G48

23:00 13 Feb ULX G53+G 48 * 23:03 21 Feb ULX G88+G10 * 23:04 27 Feb ULX G58

5.091

21:03 02 Feb JSR G22 * 22:05 11 Feb JSR G? (See comments) * 22:45 18 Feb JSR G97

22:00 23 Feb JSR G29

5.230

00:45 31 Jan VLB2 * 00:45 02 Feb VLB2 * 20:04 02 Feb VLB G16 * 21:45 02 Feb VLB2

00:45 04 Feb VLB2 * 22:47 04 Feb MIW2 * 19:59 08 Feb VLB2 * 22:45 13 Feb VLB2

23:45 21 Feb VLB2

5.435

01:33 02 Feb ART2 * 20:01 02 Feb ART G72 * 22:32 03 Feb ART G42 * 22:42 08 Feb ART G42

21:02 09 Feb ART2 * 23:31 11 Feb ART G106 * 23:00 13 Feb ART G100 * 22:03 16 Feb ART G87

21:01 18 Feb ART2 * 23:00 21 Feb ART G61 * 22:03 23 Feb ART G87

5.437

00:30 02 Feb ART G22 * 00:34 09 Feb ART G10 * 00:33 22 Feb ART G75

5.820

01:34 02 Feb YHF G11 + G12 * 22:15 05 Feb YHF G76

6.270

23:02 03 Feb ULX G112 * 23:00 13 Feb ULX G58+G48 * 22:02 16 Feb ULX2

23:03 21 Feb ULX G88+G10 * 23:04 27 Feb ULX G58

6.370

00:45 04 Feb SYN2

6.428

22:28 03 Feb ABC

6.498

00:32 02 Feb PCD G35 * 21:09 10 Feb PCD G41

6.912

21:20 30 Jan MIW2 * 22:17 05 Feb MIW2 * 21:19 08 Feb MIW2 * 23:19 11 Feb MIW2

20:17 18 Feb MIW2

6.986

23:04 09 Feb ART G100 * 23:00 13 Feb ART G 100 * 23:00 21 Feb ART G61

23:03 27 Feb ART G61

7.445

20:21 02 Feb KPA2

7.605

21:16 30 Jan CIO2Z92 * 21:45 08 Feb CIO2 * 21:47 10 Feb CIO2 * 23:45 21 Feb CIO2

7.811

21:20 08 Feb SYN2 * 23:45 21 Feb SYN2

7.918

18:03 08 Feb YHF G90

8.127

23:17 21 Feb MIW2

9.130

22:02 05 Feb EZI G72 * 20:02 08 Feb EZI G72

11.565

22:33 06 Feb EZI G49 * 22:03 16 Feb EZI G96 * 23:45 21 Feb EZI G94+G?

17.410

09:03 28 Feb EZI G48 * 09:30 28 Feb EZI G19

E10 Comments

30 Jan at 21:16 CIO2Z92 was heard and was still transmitting at 00:10hrs header only.

02 Feb at 20:03hrs VLB transmitted a G16 message and repeated this a further 5 times, finally ending with 2mins of c/s VLB at 20:51hrs. The Message was as follows:

NHIFB ZSZWN JBNJE SGIEF OAADR IRGFQ XAWQQ ODPGM PLHYV KEXXI VPSZT
UTYJU WUCKE UUGGX WPDXX VNDIR

03 Feb at 22:28hrs ABC was heard through a background of noise into which it faded after a few moments. Last time I logged ABC was the 1st Sept 02 on this freq 6.428.

04 Feb MIW2 again opened up on 5.230 (normally the freq of VLB family) was last used in Dec02

11 Feb JSR twice transmitted a very long group message commencing at 22:05 and ending at 22:55 on each occasion the "end of message , end of transmission" was omitted, perhaps to fit into the time span allotted.. Unfortunately I missed the group number both times.

There has been a general improvement to the signal strengths of some E10 call signs of late, SYN2, MIW2 & VLB2 to name three, and this was confirmed in general by PoSW who sent the following.

"Some of the E10 "Mossad" phonetic alphabet transmissions seem to have become stronger in the last few weeks; I don't usually pay much attention to these as they can be found at any time of the day and are not usually noted for having excessively strong signals. However, some exceptions have been noted recently to the extent that I noted them in the log:-

25-Jan-03, Saturday;- 1915z, 6,915 kHz, an S9+ carrier noted a couple of minutes earlier, surprised to hear E10 YL start up at 1915z with "Mike India Whisky 2". Tuning up the band there was a similar signal on 8,127 kHz and a check with two receivers showed they were running in parallel. Both went QRT suddenly just before 1921z.

1923z, 9,130 kHz, another E10 with a message in progress, also strength S9 or more, vanished suddenly 1925z without the usual "End of message."

1-Feb-03, Saturday;- 1835z 8,127 kHz, a very strong, S9+, E10 YL calling "Mike India Whisky 5 2" repeated over and over. This was still on at 1911z when it was beating with an M12 CW transmission on 8,128 kHz, but had gone when checked again 1925z.

1932z 9,202 kHz, another very strong, S9+, E10 YL calling "Yankee Hotel Foxtrot", then "Message message group 158 group 158 text text"

6-Feb-03, Saturday, 1951z 9,202 kHz, very strong signal, S9+, transmission in progress.
2201z 6,840 kHz, S9+, E10 YL calling "Echo Zulu India". (Tnx PoSW)

Frequency Changes

ART 3.417
MIW2 5.230
SYN2 7.811 + 3.640
YHF2 4.560

Sp Headers & C/S Variations

CIO2Z92
ABC
©BMDartford 28 February 2003

RN asks: 'MIW2' on 17478 in parallel with 20425kHz at 0915z 28/02 New freq?

E11

RN reports:

7439kHz 1230z 18/02 [312/00]
1230z 25/02 NRH with JoA

PLondon reports:

8088kHz 1300z 04/02 [183/00] poor sigs.
1300z 25/02 NRH with JoA

From PLondon and AF:

10125kHz 0800z 09/01 [232/00]
0800z 16/01 [232/00]
0800z 23/01 [232/00]
0800z 24/01 [232/00]
0800z 30/01 [232/00]
0800z 06/02 [232/00]
0800z 13/02 [232/00]
0800z 20/02 [232/00]
0800z 27/02 [232/00]
11116kHz 0800z 03/01 [232/00]
0800z 07/02 [232/00]
0800z 16/01 [232/00]
0800z 24/01 [232/00]
0800z 31/01 [232/00] Echo on audio.
0800z 14/02 [232/00]
0800z 21/02 [232/00]

E15

We print the known schedule [as prev issue 6]:

1100z 1800kHz BEC 1700z 1400kHz FYS 2100z 4130kHz MSA
1200z 17503kHz WSP 1730z 5834kHz MSA

1230z	11170kHz	OSS	1800z	5834kHz	WSP
1300z	11000kHz	BEC	1900z	4130kHz	PAR
1400z	14000kHz	FYP	2000z	5530kHz	NAS
1630z	6715kHz	NAS	2030z	5530kHz	BEC

E15 was heard by PoSW who notified E2k:

14-Nov-02, Thursday, 2002z, 5,530 kHz, a distorted USB transmission, OM voice with a strange accent with groups of 5 x phonetic alphabet, not numbers, as doubles - but not the usual NATO/ Civil Aviation phonetic alphabet. Difficult to understand due to the very poor audio quality. Couldn't make out all of the phonetics but those that could be understood were:- Baker, Charlie, David, Edward, Frank, George, Hotel (or Otto), Italy, King, Peter, Robert, Urban (or Orban), Victor, William, X-Ray, Young and Zebra. Not very strong, strength S5 - S6, ended with "Urban Robert" x 2 2010z.

17-Nov-02, Sunday, 2003z, 5,530 kHz, the same poor audio quality phonetic alphabet station noted on Wednesday. Ended a message with "Urban Robert" at 2007z, then after a two minute break started up at 2009z with (something) "Urban 7" repeated for a while then "George Robert 1" and more phonetics.

5530kHz	2008z	13/02	[in prog: Adam, Roger...]	USB
5834kHz	1805z	06/11	[Vy weak - id unsure]	
	1800z	08/11	[extremely weak]	

and from AnonUK:
11170kHz 1730z 14/02 [OSS QTC NR2 NR2 GR 01 GR 01]

E17

From 'Alpha' Germany, via 'Spooks'

7635kHz	0800z	14/12	[274 274 274 986 986 50 50 x2 then 5 numbers 2x then 986 986 50 50 00000]
	0800z	21/12	[274 319 50 02825 ... 00000] via AF

E17Z

11170kHz	0800z	02/01	[674 00000] via Gert Holland
	0800z	16/01	[674 00000]
	0800z	30/01	[674 00000] Very poor condx in Central London
	0800z	13/02	[674 00000]
	0800z	20/02	[674 00000]
	0800z	27/02	[674 00000]

E18

5062kHz	2245z	12/12	[269 nr 186 gr 18 60019]
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E23

Best frequency is usually 8188kHz. 4 weekly cycle starting on the first Monday of the Month.

Transmits Monday Wednesday and Thursday:

Week 1	0957z	6507kHz	1157z	8188kHz	1257z	5340kHz
Week 2	0957z	7250kHz	1157z	8188kHz	1257z	5748kHz
Week 3	0757z	4832kHz	0957z	6200kHz	1157z	8188kHz 1257z 6507kHz
Week 4	0757z	5340kHz	0957z	8188kHz	1157z	7250kHz

Week 4 in AM only.

From AF we received this excellent E23 log for December:

8188kHz	1155z	02/12
	1155z	04/12
	1155z	05/12
	1150z	16/12
	1155z	18/12
7250kHz	1155z	23/12

Followed by January results:

5340kHz	1252z	06/01
6507kHz	0952z	06/01
8188kHz	1152z	06/01 [weak/Poland - to LDO]
	1152z	08/01
	1152z	09/01
	1152z	20/01
	1152z	22/01

and February results:

8188kHz	1152z	03/02
	1152z	05/02
	1152z	06/02
	1151z	17/02
	1151z	19/02

From AF's fine logs of this station it appears that to the end of February the station was starting early.

E25

NIL REPORTS

G04

Freqs previously reported as follows [Date: 2105z freq 2135z freq]:

01/00:3440 3340,02/00:3920 3820,03/00:4520 4420,04/00:5210 5310,05/00:4830 4930,06/00:5220 5320, 07/00:5360 5460,08/00:5320 5420,09/00:4760 4860,10/00:4580 4680,11/00:4270 4370,12/00:4110 4210, 12/02: 4270 4370, 01/03 4210 4220

The freqs predicted by E2k were incorrect but PLondon, AnonUK , Gert and AF spotted the error and tuned up on 2001 freqs as:

4120kHz 2100z 02/01 [21788]
4220kHz 2130z 02/01 [21788]

Expected February freqs: 4280 and 4380kHz.

4280kHz 2100z 06/02 [poss 31160] first group via Jochen, report from RN
4380kHz 2130z 06/02 [poss 31160]

Expected March freqs: 4750/4850 , April's 5210/5310kHz

G06

From AF:

4792kHz 1918z 13/12 [0123456789]
1930z 13/12 [436 509 38 53416]
5190kHz 1900z 02/12 [308 308 308 00000]

PoS reports ,27 - Dec-02, 1930 UTC, 4,805 KHz - frequency somewhat higher than expected, calling "436", DK/GC "509 509 38 38", which was the same as when last heard on 13 - Dec -02. A fault developed after approx. 90 seconds into the call - up when the voice suddenly vanished and left plain carrier until just before 1933z; voice returned with a faster speed of delivery - although with normal pitch - and continued the call - up until 1935z.

And the Friday Night Fraulein continues in the new year:-

10 - Jan - 03, 1930 UTC, 4,792 KHz, back to the more usual frequency, calling "436", DK/GC "564 564 25 25". Strong signal, strength S9, lower sideband well suppressed and with the rapid speed of delivery but normal pitch of voice, often observed with the Friday G06. All done soon after 1937z.'

4805kHz 1930z 27/12 [436 dk/gc 509 509 38 38]
4519kHz 1745z 23/01 [0123456789]
1830z 23/01 [217 564 25 04823]
1843z 13/02 [final 47 00000]
4593kHz 2000z 06/01 [308 308 308 00000]
4792kHz 1930z 10/01 [436 dk/gc 564 564 25 25]
1900z 14/02 [123456789] no 0 per AF
1930z 14/02 [436 905 47 90750...]
4795kHz 1930z 24/01 [436-564/25=04823] via Gert
6970kHz 2120z 19/01 [943-501/68 99439] also heard by Gert, Holland and in US by C Smolinski

A Sunday G06: 19-Jan-03, 2120z 6,790 kHz - G06 has been noted on a Sunday before but appearances are few and far between; there does not seem to be a schedule which can be followed. Tonight's transmission calling "Neun vier drei" (943), DK/GC "Funef null eins" (501) x 2, "Sechs acht" (68) x 2. Strong signal, lower sideband suppressed. The carrier with tone, then a single "943" was noted at 2103z.

G06 was only logged twice on a Sunday last year, on 21 - April and 11 - August; searches on subsequent Sundays all proved fruitless!

First Monday in the Month Schedule: 3-Feb-03, 1900z 6,915 kHz and second sending, 2000 UTC, 5,360 kHz, "Drei null acht" x 3, "Null" x 5 (308 308 308 00000). No problem in finding both sendings as these frequencies were used in February last year. Strange propagation though; the carriers with tone for both transmissions were noted about 15 minutes before the hour, in both cases with an S9 signal; and in both cases the signal had become much weaker by the start of the transmission and weaker still by the finish four minutes later. [Txn PoSW].

G22

A good find from our E10 desk reveals:

4014kHz 2310z 14/11
whilst Gert offers:
4031.1kHz 2300z 16/01 [186-234/018] Weak sigs - message shown below E&EO

186 for 5 minutes

Nr 234

Gr 018

44439 42880 24134 41346 41092 13283 48264 22270 24204
19970 08214 48163 00338 46421 61230 39202 11147 06802

000

RN sent in :

4462kHz 2300z 06/02 [186]
followed up by AlphaVX , AF and Gert:
4462kHz 2300z 20/12 [186-235/19=61557]
0030z 21/02 [186-235/19=61557]

Before the logs DoKent has sent more of his observations on the Slavic stations:

S10, M10, and S17C

Since the last newsletter things have gone from strength to strength. My being retired has allowed me more time to listen in. I have been splitting my sleep routine so that I could monitor the nighttime skeds. The updated and revised chart that follows will show this in detail.

[Revised Chart 3 - Feb 03]

Frequency	Primary	Parallel	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
3522			0400	0400	0400	0400	0400	0400	0400
		4007	2100	2100	2100	2100	2100	2100	2100
3522	5027		0210	0210	0210	0210 0340	0210 0340	0210 0340	0210
		5301		2200	2200				
3631	5471		1800						
3810	5861		1920	1920					
		6758							1630
4030		6763	1630	1630		1630	1630		1630
4485	6758		1610	1610					
4835	7380				S2100	S2100			
4958	7605		1720	1720	1720	1720	1720	1720	1720
5027	7605		S1740	S1740	S1740				
5027							0410		
5945				1500	1500				
5945	9165				1540				
6945	5904					S1820	S1820		
7745							S1500	S1500	
8175	9986								S1520
8190	7380				S1500	S1500			
9165	8190	1410	1410	1410	1410	1410	1410	1410	1410

[Changes from 01/03 will be reflected in the chart appearing in NL16]

The times prefixed with the letter S are S10d. A number of frequencies have been used but the only ones appearing regularly are 8175//9986 and 5027//7605kHz. The first of these appears on Saturday only and only recently did I find 9986kHz. The normal routine is to transmit only on two days each week and in the case of 5027//7605 it has been Sun/Mon, Sun/Tues or Mon/Tues. It is easy to detect when it will become active. Firstly, monitor M10 on its daily sked at 1720z on 4958//7605kHz. At the end of transmission, usually 1737/8, if the carrier stays on, only 7605kHz, S10d will follow at 1740z. The parallel frequency will change to 5027kHz. The other S10d frequencies shown have not been used regularly but may be at any time. Week ending 15/02/03 this has been the case. There are other aspects regarding 8175kHz which I hope to cover at a later date.

M10 is much more predictable at the moment with certain frequencies and times almost cast in stone, which I hope, will remain at least until changes for the summer skeds.

Referring to the chart, it will be seen that some frequencies have changes of parallel, noticeable mainly with 3522kHz. The 0400z transmission appears to be solo but at other times will be 4007kHz at 2100z, 0210z it will be 5027kHz and 5301kHz at 2200z. The 0310z transmission is not regular but it will replace either 0210z or 0400z when it does appear, probably 0400z. From time to time, the odd error creeps in, on Thursday 26th December 2002 the 2100z 3522kHz transmission was linked up with 4007 kHz and 5027kHz but eight minutes into the transmission the error was realised and the 5027kHz was switched off. I put this down to the consumption of too many bottles of RF as it was Boxing Day! But it does indicate what can be done at operations level, I suspect that four or more transmitters are available for this groups' use.

Another unusual happening to take place recently on Monday 20th January 2003 at 0400z, Freq 3522kHz, part of the transmission was a message to ID368, 368 72 22. The same message was transmitted on S10d at 1740z and again at 2100z on M10 3522//5027kHz and subsequently two or three times a day for the next six days. On Monday 27th January 2003 we have the same thing happening, this time the ID is 628, transmitted for six days by both M10 and S10d, two or three times daily.

We see here a direct link with M10 and S10d, is 368 and 628 the same recipient, if so, where have they gone?

It is good to see increased mention of M10/S10d in the e-mails. During this month of January I have logged 142 transmissions plus daily S17C. There are several other frequencies that have become active. I will include details of these on my charts when I have established their routines.

Now we come to S17C, from my beginning with Enigma 2000 I have tried to think of what could be the meaning of one single five figure group. Bearing in mind the other transmissions emanating from this station, perhaps something more applicable to its operations.

One 'way out' theory which may benefit from many minds concentrating on it is detailed below, two examples are given, see what can be made of it.

Thursday 13th February 2003

S17C	A B C D E	
	1 1 0 3 4	C will be constant 0 [zero]
A+E	= 5	A+BxD = 6
A+B+D+E	= 9	D-AxE+B = 9
C	= 0	B+D = 4
A+D	= 4	A+E = 5
	<u>5904kHz</u>	<u>6945kHz</u>

The product is the day's transmitting frequency for S10d.

The frequencies are likely already known and using the functions of + - x or ÷ others can be found, including M10 freqs.

I have submitted this theory with examples to AnonUK and he has formed the same opinion as myself, namely, for this to be valid, recipients of these transmissions must use a set formula.

I would like comments on this, don't leave me like an amateur calling CQ on a dead band.

The reported transmission of S10d on 2846 kHz has not, as yet, been heard by me.

The Wednesday 1700z transmission on 4130 kHz I have heard once only, a very weak signal and somewhat distorted. What I could copy I am pretty sure was Russian, but time will tell.

Regrettably I cannot help at this time on the CW on 2362 kHz, another I haven't heard yet. Due to the pressures of following a very rigid and sometimes unsociable listening schedule I have not been able to pen more of my travel reminiscences. They will return in another newsletter though.

FOR YOUR INTEREST: On Wednesday 26th February 2003 between 0805z and 0810z I was listening to the S10D carrier on 14565kHz. Whilst waiting for the commencement of the transmission I suddenly heard very loud key-clicks. Having a few minutes to spare I tuned down circa 10kHz and was surprised to hear an ICW transmission sending barred letters. I made a note of this and returned to monitor the S10D transmission. [This one not yet charted]. Because of the signal strength of this signal +20 to +40dBs I phoned PLondon immediately for a comparison of signal strength. These transmissions are rather short but were heard several times during the day. On Thursday 27th February this station appeared again. I reserve judgement and opinion until further is known. [DoK].

Thanks to AnonUK, Ary, PoSW for their input, frequencies and where applicable, suggestions.
©DoKent [Tnx DoKent].

[With reference to DoK's mathematical exploration of the 5 figure group, manipulating to produce a useable frequency.]

*PLondon wrote in to say that he had plotted January's series of 5 figure group in graphical form. 'X' axis the first two numbers, and separately, the last two numerals. The 'Y' axis was the day number. The results led to a rather interesting plot that *could* be used to possibly predict groups].*

S04

From Gert:
3373kHz 2245z 13/01 [342-233/50=02025]

S06

PoSW's Start of 2003 log for S06:

7-Jan-03, Tuesday, 1852z 6,980kHz, S06 calling "Dva pyat cheteria" x 3, "Noll" x 5, (254 254 254 00000). Good signal, lower sideband well suppressed, stopped 1850z.

1901z 3,872kHz, S06 on what is probably about the lowest frequency used by this organisation [see AF's listing for 18/01] - calling "Adean syem shesht" x 3, "Noll" x 5 (176 176 176 00000). Strong signal, strength S9 to S9+; sounded distorted when copied in AM mode, much better in USB mode - the distortion was all on the lower sideband which was apparent when the RX mode was set to LSB - the lower sideband is usually suppressed with S06.

11-Jan-03, Saturday, 1600z 5,743 kHz; the second (and fourth) Saturdays in the month usually brings S06 activity in the late afternoon/early evening, UK time - but we have to search! Calling "Adean pyat adean" x 3, "Noll" x 5 (151 151 151 00000). Good signal peaking S9, lower sideband well suppressed. Carrier with tone noted 1546z on 5,734 kHz and after a single spoken "151" QSYd to 5,743.

1800z 6,810kHz, S06 calling "Pyat tri dva" (532), then DK/GC "Vosyem shesht adean" (861) x 2, "Tri pyat" (35) x 2. Good signal but close to strong "Jet" but positioned such that selecting USB mode on the RX removed the QRM.

25-Jan-03, Saturday, 1600z 5,734kHz, fourth Saturday in the month, S06 with "151 151 151 00000", the same as on 11-Jan. Good signal, lower sideband well suppressed.

1700z 8,120kHz, S06 with "532" and "861 861 35 35" - also the same as on 11-Jan, first sending.

1800z 6,810kHz, "532" and "861 861 35 35" again.

26-Jan-03, Sunday, 1601z 10,830kHz, S06 with call - up (Syem dva cheteria) (724) in progress; at 1604z DK/GC "Deviet tri vosyem" (938) x 2, (Pyat adean) (51) x 2. Good signal, lower sideband well suppressed.

28-Jan-03, Tuesday, 1802z S06 calling "Shesht dva cheteria" x 3, "Noll" x 5 (624 624 624 00000). Stopped 1804z.

PoSW's log continues into February:

8-Feb-03, Saturday, 1600z 7,952kHz, the second Saturday in the month, "151 151 151 00000" same as heard last month but on a different frequency; unusually the call of 151 has not changed.

1700z, 10,380 kHz, S06 calling "Deviet noll cheteria" (904), then DK/GC "Adean dva tri" (123) x 2, "Syem pyat" (75) x 2. Good signal with QSB, lower sideband suppressed, ended just after 1717z.

1800z 8,060 kHz, repeat sending of "904" and "123 123 75 75".

From AF:

3862kHz 1900z 18/02 [176 176 176 00000]
4024kHz 1900z 03/12 [353 712 59 73476]
5845kHz 2016z 18/02
6840kHz 2130z 24/12
7730kHz 1630z 25/12 [847 195 46 36128]
10830kHz 1600z 11/01 [000]
1600z 25/01 [724]

From AnonUK we receive note of a strange 3 group message:

12366kHz 0700z 15/01 [729 845 845 3 3 32200 32200 41120 41120 17013 17013 845 845 3 3] Note 3 group message.

Gert offers:

12366kHz 0700z 08/01 [729 Null msg]
12365kHz 0700z 22.01 [2 msg: Msg 1) 729-136/4=34210 Msg2) 729-845/3=32200]

E offers:

5210kHz 2337z 14/02 [174]
2335z 15/02 [362-580/94]
2335z 15/02 [362-580/94]
6605kHz 1812z 28/01 [624 00000]

Gert in Holland also heard:

3862kHz 1900z 18/02 [Null Msg 176]
3872kHz 1900z 07/01 [Null Msg 176]
1900z 21/01 [Null Msg 176] S8 Holland
3873kHz 1900z 04/02 [null msg 176]
5450kHz 2000z 19/02 [dk/gc 739/155]
8060kHz 1800z 08/02 [904 - 123/75 = 14422]
10190kHz 1500z 01/01 [start missed - dk/gc 725/103]
12365kHz 0700z 05/02 [null 729]

S10D

PoSW sends his logs for S10D traversing from 2002 to 2003:

24-Dec-02, Tuesday, 2103z 4,835kHz, S10 Czech YL on a frequency I have not logged before, warming up with "555 555 555 387 387 387 21 372 372 372 19", then 387 387 387 05 05 21 21" and first 5Fs; then "372 372 372 88 88 19 19" and second message, usual format, ended just before 2109z, slight QRM from a broadcast station, this part of the spectrum being the tropical broadcast band! Just over an hour later there was an M10 CW transmission on this frequency.

25-Dec-02, Wednesday, 1500z, 8,190kHz - no Christmas Day off for the Czech YL then; "555 555 555 387 387 387 21 372 372 372 19", the same as heard on 4,835 KHz last night. I suspect this was also on yesterday; I arrived home at around 1515z yesterday and had a quick tune around and there was a strong carrier on 8,190 which went QRT about a minute after being tuned in. 1820z, 6,945kHz, "555 555 555 388 388 388 24", then "388 388 388 36 36 24 24", single message, usual format, strong signal, lower sideband well suppressed, ended 1830z.

26-Dec-02, Thursday, 1820z, 6,945kHz, a repeat of yesterday's "388 388 388 24". Strange propagation conditions tonight; was strength S9+ at the start of the call - up, had become much weaker by 1825z and had sunk down into the noise and TV timebase QRM by the end at 1830z.

4-Jan-03, Saturday, 1520z, 8,175kHz, this Saturday schedule continues in the New Year; "555 555 555 743 743 743 31", then "743 743 743 71 71 31 31" and the usual format. Ended just after 1531z.

8-Jan-03, Wednesday, 1820z, 6,945kHz, this schedule also continues in 2003 then; and there is a parallel frequency, namely 5,904kHz, discovered quite by chance while tuning around on another receiver in an attempt to find some sign of the E07 English Man. 5,904 is inside the 49 metre broadcast band and there is severe BC QRM but copy is much improved by selecting USB mode on the RX and tuning the carrier for zero beat leaving just a heterodyne to contend with. "555 555 555 238 238 238 26", then "238 238 238 31 31 26 26", usual format, ended 1830z. As noted on 26 - Dec 6,945kHz became weaker as the transmission progressed; but 5,904 remained a steady signal.

9-Jan-03, Thursday, 1820z, 5,904 // 6,945kHz, a repeat of yesterday's "238" and "31 31 26 26"; 5,904 KHz much weaker than yesterday, only just detectable, 6,945 very strong signal throughout the transmission.

Saturday Afternoon Schedule

11-Jan-03, 1520z 8,175kHz, calling "555 555 555 044 044 044 18", then "044 044 044 42 42 18 18", usual format, message somewhat shorter than usual, ended 1529z.

18-Jan-03, 1520z 8,175kHz, "555 555 555 118 118 118 22", then "118 118 118 41 41 22 22". Signal somewhat weaker than usual, strength S6 to S7, the "Jet" on a close frequency being particularly fierce today although much reduced by copying S10D in USB mode which is effective in suppressing the QRM which is on the LF side.

25-Jan-03, 1520z 8,175kHz, "555 555 555 009 009 009 22", then "009 009 009 65 65 22 22". Very strong signal this afternoon, S9 to S9+, much stronger than last Saturday.

1-Feb-03, 1520z, 8,175kHz, "555 555 555 912 912 912 18", then "912 912 912 52 52 18 18". Schedule remains the same in February.

8-Feb-03, 1520z 8,175kHz, "555 555 555 338 338 338 22", then "338 338 338 40 40 22 22". Strong signal.

15-Feb-03, 1520z 8,175kHz, "555 555 555 422 422 422 24", then "422 422 422 49 49 24 24". Strong signal, well over S9, lower sideband well suppressed as always.

Wednesday / Thursday Evening Schedule

22-Jan-03, Wednesday, 1820z 5,904 // 6,945kHz; 5,904 KHz inside 49 metre BC band with resulting QRM, copy not too bad with RX in USB mode and tuned for carrier zero - beat, 6,945 very strong signal. "555 555 555 626 626 626 30", then "626 626 626 88 88 30 30".

23-Jan-03, Thursday, the expected repeat of yesterday's "626 626 626 88 88 30 30".

12-Feb-03, Wednesday, 1820z 5,904 // 6,945kHz continues in February - was not on last Wednesday, 5 - Feb; 5,904 only just detectable under severe BC QRM, 6,945 strong signal. "555 555 555 777 777 777 40", then "777 777 777 67 67 40 40", a group count of 40, somewhat longer message than usual.

13-Feb-03, Thursday, 1820z 5,904 // 6,945kHz, repeat of yesterday, 5,904 with severe BC QRM, 6,945 strong - as yesterday.

Something New

13-Feb-03, Thursday, 0832z 14,565kHz; I happened to be at home this morning and whilst tuning around came across an S10D Czech YL. Very strong signal, S9+ with a slight background whine. This must have started at 0820z, I suppose, as it ended about a minute later with "67 67 40 40" and "Konets konets" - and I have only just noticed that this DK/GC is the same as heard on the 5,904 // 6,945 KHz transmission, above! This frequency has been used by S10D before, for example was noted with a transmission on 12-July-02 at 1720z.

14565kHz 0820z 27/02 ended 0830z - Apparent transmitter problems, S rose from 3/4 to +20dBs at 0823z PLondon.

RN heard the following on the night of 25/02 at 2100z.

On 4835 and 7380 in parallel was S10d with M10 transmitting simultaneously on both frequencies. Is this normal?

The voice was 263x3 37 143x3 41 555x3 repeated, then 05 37 00417 (37 groups) then 143 41 29910 (41 groups); the CW traffic was 40 371x3 19 555x3 643x3 repeated, then 60x2 40x2 - 49506x2 (40 groups) then 40 371x2 18x2 19x2 - - 47954x2 (19 groups) ended T T T

In answer to RN's question DoKent replied 'No not normal at all.' DoK then confirmed these details and stated that the 2200z M10 transmission that night, normally on 3522//5301kHz was also heard transmitting on 4835//7380kHz in addition to the nominal frequencies.

S10E

On 15/01 AnonUK wrote that he had heard M10E: M10E was on 7380 at 0800, IDs 97216 62540, messages of 5 groups. I did wonder if S10E might also be on today, but although I looked around, I have not found it yet.

On 16/01 PLondon searched from 1200 to 1330z, but without success.

S13

4130kHz 1703z 15/02 Russian Man counting? See end of DoK's piece
1700z 19/02 Russian Man counting?

S17C

AF monitored S17C and sends the following:

9165kHz 1250z 01/01 [76028]
1250z 02/01 [99036]

The sendings continued throughout January on 9165kHz at 1250z. Numbers: *DoKent in italics* , AF were:

03/01 99034, 04/01 11037, 05/01 76028, 06/01 99037, 07/01 99031, 08.01 11036, 09/01 75024, 10/01 99037, 11/01 99039, 12/01 11036, *13/01 76028, 14/01 99037, 15/01 99039, 16/01 11036, 17/01 74027, 18/01 99037, 19/01 99040, 20/01 11036, 21/01 79031, 22/01 99037, 23/01 99039, 24/01 99036* 25/01 74032, 26/01 99037, 27/01 99039, 28/01 *99036*, 29/01 99039, 30/01 99037, 31/01 99039.

S17C 9165kHz February transmissions as follows, thanks to AF and *DoK*:

01/02 11036, 02/02 74031, *03/02 99037, 04/02 99037, 05/02 11034, 06/02 74029, 07/02 99036, 08/02 99037* 09/02 11034, 10/02 74031, *11/02 99036, 12/02 99038* 13/02 11034, 14/02 78029, 15/02 99036, 16/02 99038, 17/02 11034, *18/02 73027* 19/02 99036, *20/02 99037, 21/02 11034* 22/02 *10035* 23/03 *99036* 24/04 78032 25/02 *76034* 26/02 *11034, 27/02 99036* 28/02 *99037*.

Please send these groups to e2k for analysis -- thanks.

S21

3323kHz 1842z 20/02 [323 797 36 86119....000] // 3823
3823kHz 1842z 20/02 [323 797 36 86119....000] // 3323 [better freq]

V02

The following have been logged by operators in the US and have been taken from 'Spooks':

4507kHz 1114z 11/01
1100z 25/01
6786kHz 1100z 05/01[Attention 962 08 (R3)]
7479kHz 2200z 12/01[A 263/04 04/45]
8040kHz 1000z 23/01 [A 728/05 60/05]
8532kHz 0200z 09/01[A 238/08]
0200z 16/01[A 238/08 08/51]
0200z 23/01[A 238/08 08/60]
8992kHz 0532z 23/01
9024kHz 0200z 15/01[A 612/05]
0200z 22/01[A 216/05]
9025kHz 0800z 07/01[A 616/05]
9115kHz 0800z 13/01[A 441/01]
9220kHz 1110z 22/02[USB 974 03 (R3)]
10762kHz 0600z 13/01[A 426/02 02/52]
17384kHz 2205z 02/01[AM A 987/08 in prog]*
2300z 23/01[A 978/08 08/50]

In Great Britain PoSW heard the following, we include the extract of PoSW's log from the start of 2003:

3-Jan-03, Friday, 8,010kHz, V02 transmission YL in progress; strong signal with background buzz. There was no sign of this schedule last Friday, 27-Dec-02.

4-Jan-03, Saturday, 0731z 9,153kHz, transmission in progress, weak signal but clear, no QRM.

8-Jan-03, Wednesday, 0634z 8,010kHz, V02 with severe QRM - sounded like FSK/RTTY with a fault - making copy difficult.

9-Jan-03, Thursday, 0635z 8,097kHz, a long standing V02 schedule, this; weak signal. All V02 transmissions seem to be weak these days; winter propagation conditions perhaps.

10-Jan-03, Friday, 0632z 8,010kHz, weak signal with the same severe QRM noted on this frequency on Wednesday.

2207z 8,492 kHz, this schedule was noted in November and December, transmission in progress, strong signal, strength S9, speech slightly muffled and with background buzz. In progress when tuned in, then paused and started again with "Atencion, cuatro dos uno cero ocho" (421 01) repeated many times until 2210z, then "Cero ocho cinco dos" (08 52) five times followed by more 5F groups.

16-Jan-03, Thursday, 0634z 8,097kHz, V02 in progress, good signal, strength S9, the strongest for some time.

17-Jan-03, Friday, 0633z 8,010kHz, good signal but the QRM is still there.

2159z 8,492 kHz - started one minute before the hour with "Atencion, cuatro dos uno cero ocho" (421 08) repeated until 2202z, then "Cero ocho cinco uno" (08 51) five times and into 5Fs. Signal strength S8 to S9 with background buzz.

23-Jan-03, Thursday, 0634z 8,097kHz, transmission in progress, signal strength S7 with slight background buzz.

6-Feb-03, Thursday, 0638z 8,097kHz, signals have become weak again, only just readable.

12-Feb-03, Wednesday, 0633z 8,010kHz, very weak signal, severe QRM from a distorted FSK signal, almost unreadable.

0714z 9,063kHz, transmission in progress, very weak signal but clear, no QRM.

13-Feb-03, Thursday, 0627z 8,097kHz, transmission in progress, weak but clear.

0712z 9,153kHz, transmission in progress, very weak signal, only just detectable; but when checked again at 0734z it had become much stronger, strength S7. Slight QRM from utility station "SITOR" or similar slightly HF.

14-Feb-03, Friday, 2207z 8,492kHz, transmission in progress, much weaker than on previous Fridays, heterodyne with an S9 Single Letter Transmission sending "C" on 8,495kHz.

15-Feb-03, Saturday, 0729z 9,153kHz, transmission in progress, weak signal, QRM as on Thursday. [Tnx PoSW].

PoSW's efforts illustrate that V02 can indeed be heard even when propagation is somewhat limiting.

V02A

It has been noticed by those on Spooks that M08a and V2a have been mixing; this has been previously reported. Mark Slaten [US] suggests that the Cuban equipment is either substandard or that the Cuban operators need retraining!

Mark states, "Sometimes the skeds come up late right in the middle of a message. No addressee is sent. Now I know why they rebroadcast the sked an hour later. The poor agent in the field needs a second chance to get the message meant for him or her. When you compare the Cuban broadcasts (voice or morse) with any other country, they are definitely in a class of their own. A final note, the V2 broadcasts seem to be less prone to goof ups. The xmtrs seem good and strong and crisp. Obviously these are probably two different organisations." [Thanks MS and Spooks].

These listed transmission have been generally logged by US operators:

3292kHz	0400z	04/01[AM A 17131 04621 22793]; new sked?
	0203z	07/01.
	0403z	07/01
	0436z	11/01
	0400z	14/01[A 45792 26621 13081]
	0400z	21/01[A 21642 26622 65101]
	0400z	18/02[A 77042 85182 22914; unusual ID ending in 4]
3389kHz	0100z	07/01[AM A 53702 57951 04362]
	0100z	14/01[A 53703 57953 35851]
4017kHz	0300z	07/01[AM A 17132 64622 88241]
	0300z	14/01[A 45792 26621 13081]
	0306z	18/02
4028kHz	0326z	04/01
	0106z	10/01
	0200z	18/01[A 80852 38002 23693]
	0300z	18/01[A 21641 26622 32461]
	0500z	24/01[A 30103 45612 86013] repeat of 0400/4479
	0200z	25/01[A 80853 76401 92921] repeat of 0100/5135
4035kHz	0400z	06/01[AM A 61751 31422 19311]
	0400z	20/01[A 61753 38003 19313]
	1003z	25/01
	1000z	22/02[01643 03513 85811]
4174kHz	0327z	06/01
4329kHz	0400z	08/01[A17133 80532 69596]
	0400z	15/01[A 45792 809?? 1????]
	0400z	22/01[A 11643 20102 05602]
4479kHz	0306z	08/01
	0400z	10/01[A 80533 51463 85241]
	0300z	15/01[A 45793 809?? ?????]
	0300z	22/01[A 21643 30102 05302]
	0400z	24/01[A 30103 45612 86013]
4506kHz	1100z	11/01[A 809?? 1337? 7??32 distorted]
4507kHz	1100z	18/01[A 31101 76501 74833]
	1100z	25/01[A 52801 76502 85531]
	1100z	08/02
	1100z	22/02[01643 03513 85811(rpt of 1000z on 4035m)]
5135kHz	0100z	25/01[A 80853 76401 92921]
5417kHz	0203z	10/01
	0203z	24/01
5762kHz	0403z	04/01
	0400z	25/01 AM much QRM
5883kHz	0500z	04/01[A 80721 40263 41701]
	0500z	11/01[A 85242 437?? 41702 cutting out]
	0500z	18/01[A 77623 43562 41703]
	0500z	25/01[A 33721 43563 01861]
5884kHz	0501z	12/01
6768kHz	0400z	06/01[A 64011 86263 19833]
	0400z	13/01[A 65012 51433 22091]
	0400z	20/01[A 64013 53673 22092]
6826kHz	0900z	06/01[A 01213 40781 85591]
6855kHz	0329z	01/01
	0330z	17/02 from E in GB

7583kHz 1003z 06/01[A 01213]
 1000z 13/01[A 08201 40782 05592]
 8010kHz 0603z 08/01
 0600z 15/01[A 13082 01403 17531]
 0600z 22/01[A 35102 24682 06271]
 0600z 24/01[A 20611 18372 06273]
 0605z 14/02 from E in GB
 8097kHz 0606z 09/01
 0635z 12/01
 0538z [?] 16/01
 0600z 18/01[A 53672 48443 24681]
 0600z 23/01[A 35103 18371 06272]
 0600z 25/01[A 20612 66021 24683]
 8136kHz 2120z 21/02
 8989kHz 0800z 15/01[A 96421 84563 58202]
 9063kHz 0703z 08/01
 0700z 15/01[A 13082 01403 17531]
 0700z 22/01[A 35102 24682 06271]
 0700z 24/01[A 20611 18372 06273] repeat of 0600/8010
 9115kHz 0603z 07/01
 9153kHz 0700z 11/01[A 51432 48442 01402]
 0700z 23/01
 0700z 25/01[A 20612 66021 24683] repeat of 0600/8097
 0700z 22/02[86191 12451 71004]
 10446kHz 0330z 06/01
 0500z 06/01[A 24433 80722 02143]
 0500z 13/01[A 97191 85243 88021]
 0303z 22/01[A 55731 ????? ?????]
 0505z 17/02
 10762kHz 0600z 06/01[A 426/02]
 12165kHz 0203z 06/01[A 57273]
 0200z 13/01[A 63583 22722 67532]
 12180kHz 0203z 08/01
 12215kHz 0200z 07/01[A 55723 79581 58781]
 0200z 10/01[A 5901 66512 25661]
 0200z 14/01[A 83051 79582 78782]
 0200z 21/01[A 83052 79583 78783]
 0200z 24/01[A 55732 69252 51942]

V07

PoSW noted that this station was 'still around'. These sendings were noted by PoSW for Thursday 9 - Jan - 03:

0600z, 10,879kHz; [814 814 814 1 DK/GC "5647 107" x 2]
 0620z, 12,179kHz; [814 814 814 1 DK/GC "5647 107" x 2]
 0640z, 13,479kHz [814 814 814 1 DK/GC "5647 107" x 2]

The February sending was heard by Gert:

0600z 13366 kHz
 0620z 14866 kHz
 0640z 16266 kHz

There was a message for 382, dk 944, gc 122. [20/02]

13366kHz 0600z 13/02
 0600z 20/02 [382-944/122=]
 14866kHz 0620z 13/02
 0620z 20/02 [382-944/122=]
 16266kHz 0640z 20/02 [382-944/122=]

V08

PoSW notes: The V08 "Eastern Music" Arabic YL turned up on 4 - January - 03, the first Saturday in the month on 6,645kHz. The carrier was up at 1846z, went off around 1848z and came back up with audio tone; as noted on a few previous occasions the transmission started well before 1900z, about two minutes early. A few seconds of music, then the YL voice until just after 1901z - a very short transmission; then another few seconds of Eastern Music until just before 1902z and the carrier going QRT after 1902. Must be the shortest V08 ever!

6645kHz 1900z 04/01 from E who reports 'Short Message'.

There was no sign of the V08 "Eastern Music" Arabic YL on the first Saturday in February, the expectation was that she would appear at 1900z in the region of 6,645 kHz on 1-Feb. All I could hear was a number of strong pirate SSB stations all around that frequency and it was the same on the following Saturday too. However, the V08 YL was noted on another frequency in mid January; this was on Saturday 18-Jan just after 1700z on 7,662 kHz. There was a transmission in progress, the same YL voice. It was a

strong signal although the modulation was a bit low. The voice stopped at 1710z and ended with music - but not the music used on the 6,645 kHz transmissions; this was a short instrumental break from a slow rock number which, I am fairly sure, is called "Guitar Man" and was in the charts in the early 1970's. A trawl through a volume entitled "The Ultimate Encyclopedia of Rock" came up with the information that "Guitar Man" was a hit for Los Angeles based band "Bread" in 1972; so not so much "Eastern Music" as "Western Music" then! 18-Jan was the third Saturday in the month so I thought this might turn up again on the third Saturday in February, the 15th - but there was no sign. I had also listened on the Saturdays in between, i.e. 25-Jan, 1-Feb and 8-Feb but again, nothing heard. [Tnx PoSW].

Arabic numerals are shown in our 'NEWS & ITEMS of INTEREST' section

V09

6978kHz 2145z 10/01 Chinese "Guangzhou calling".

AF noted an UNID on this freq as 2125z 10/01 poss V09?

V13

AF was an active listener for V13 in December, with good result:

8300kHz	1515z	01/12
	1400z	23/12
	1500z	23/12
	1400z	25/12
	1400z	27/12
	1513z	27/12
9725kHz	1400z	23/12
	1400z	25/12

Ben Mesander reported via Spooks [2003]:

8300kHz	0400z	14/02
	1400z	17/02
	1500z	17/02

V22

Following an UNID being heard Igor in Chita identified the station as V22 and offered, via spooks a 'schedule'.

Transmission can heard (always QRU format) everyday (Not SAT and SUN) - 1300, 1330, 1400, 1430, 1500z on 8375 kHz;
[Has been heard on 8375kHz at 1600, 1630, 1700z too] :

5, 20 -	0000z on 16520;
5, 15, 20 -	0030z on 16520;
2nd FRI -	1600z on 10200;
24 -	1630z on 10200;
11, 26 -	2030z on 4760/6375;
1st and 3rd SAT -	0930z on 15640;
14 -	1730z on 6465/8375;
2, 3, 16, 21 -	1630z on 6465/8375;
10, 15 -	0900z on 18020z;
1, 16 -	0100z on 16835;
22 -	1800z on 8375/10500;
23 -	0630z on 17310 kHz.

XP

December freqs via AnonUK, JoA and PLondon.

0700z 10908kHz 03/12 05/12* 06/12 10/12 13/12 17/12 20/12 24/12 27/12 31/12
0720z 12208kHz 03/12 05/12* 06/12 10/12 13/12 17/12 20/12 24/12 27/12 31/12
0740z 13908kHz 03/12 05/12* 06/12 10/12 13/12 17/12 20/12 NRH NRH NRH

ID929

*Unexpected Thursday morning sending.

2100z 5941kHz - 05/12 10/12 12/12 17/12 19/12 24/12 26/12 31/12
2120z 5731kHz 03/12 05/12 10/12 12/12 17/12 19/12 24/12 26/12 31/12
2140z 4581kHz NRH NRH NRH 12/12 17/12 NRH NRH 26/12 NRH
ID975

2110z 6934kHz 03/12 06/12 10/12 13/12 17/12 20/12 24/12 27/12 31/12
2130z 5927kHz 03/12 06/12 10/12 13/12 17/12 20/12 24/12 27/12 31/12
2150z 5359kHz 03/12 06/12 NRH NRH 17/12 20/12 NRH NRH NRH
ID993

January Freqs via JoA, AnonUK, PLondon

0700z 12378kHz 03/01 07/01 10/01 14/01 17/01 21/01 24/01 28/01 31/01
0720z 13578kHz 03/01 07/01 10/01 14/01 17/01 21/01 24/01 28/01 31/01
0740z 14878kHz NRH 07/01 10/01 14/01 NRH 21/01 24/01 28/01 NRH

ID358

Surprisingly the first transmission of 2003 was no message, the second sending was a 97 group message dk/gc 09345/00097. All freqs used produced strong signals. The signals sent on 10/01 were very strong, topping +40dBs for 0700z. The sending was a massive 308group message [dk/gc 00621/00307]. 0700 and 0720z sendings went well but the 0740z suddenly ceased for 29 seconds at 0745:42s and recommenced at 0746:11 and ended at c0747z.. That meant that Groups 253 to 292 were not sent [41 grps] in 29 seconds] The missing groups are shown at the end of the XP section. A test carrier appeared at 0748:44s and was removed 0759z. No doubt the offending operator is subject to a 252 or worse! All went well with the 14/01 sending of the 307 group message, dk/gc 00621/00307 previously sent 10/01. The morning sendings 21/01 produced 02359/00195. 24/01 produced dk/gc 00431/00141, signals were 40dBs in central London.

That sent on 28/01 was a two message sending, dk/gc 00171/00133 and 00431/141 a repeat of the message sent previously on 24/01,

2100z 6842kHz 02/01 07/01 09/01 14/01 16/01 21/01 23/01 28/01 30/01
2120z 5738kHz 02/01 07/01 09/01 14/01 16/01 21/01 23/01 28/01 30/01
2140z 4593kHz NRH NRH NRH 14/01 NRH NRH NRH 28/01 30/01

ID875

The first message sent at 2100z on 14/01 was a 229 group one with a dk/gc 00317/00229. Full message sent on 28/01 dk/gc 00249/00253. In the run up to the message proper, and around 2141z the transmission ceased abruptly and came up as quickly as it had ceased. This occurred between the 6th and 7th cycle of 875 875 875 1 and did not affect the header at all. PLondon noted that the signal levels where intelligible groupings can be recovered can be very low and affected by noise. The loss of signal in this instance left a gap on his spectran display and sliced a little off the leading edge of 463Hz [8] tone. 31/01 sending was dk/gc 02615/00081

Missing Groups from XP 14878kHz 0740z 10/01 ID358 dk/gc 00621/00307

84303 17315 51717 21938 12150 79398 33637 99032
99818 09142 03159 38175 16705 96930 18983 99803 95654 62104
35100 34560 21413 22764 89871 21019 62449 25659 86022 73710
21849 58065 39279 75556 08350 41123 57872 99831 83992 40098
47170 81616 34299 04940 89861
[Existing whole groups in italics]

Second schedule sendings Jan 03:

2110z 7447kHz 02/01 07/01 10/01 14/01 17/01 21/01 24/01 28/01
2130z 5735kHz 02/01 07/01 10/01 14/01 17/01 21/01 24/01 28/01
2150z 4557kHz NRH NRH 10/01 14/01 NRH 21/01 24/01 28/01

ID475

The first full message from the 10/01 2110z sending of XP was dk/gc 00121/00127 and was repeated again on 14/01. That sent on 21/01 was dk/gc 00329/00103 and repeated on 24/01. A new message on 28/01, 04792/00155.

Late XP

In the last Newsletter we reported that Gert of Holland heard a late offering of this signal as:

5388kHz 2300z 05/12

This signal was also reported in 2001 on the same frequency.

PoSW wrote in with the complete schedule for the January 03 sending:

2220z 9158kHz 14/01 21/01 23/01 28/01 30/01
2240z 7458kHz 14/01 21/01 23/01 28/01 30/01
2300z 5858kHz 14/01 21/01 NRH 28/01 NRH

ID148

Concerning the 2220z and 2240z sendings PoSW wrote, 'Inside BC band but flattening the opposition, seems to be a regular thing with this organisation. 2300z 5858kHz, a very strong signal. PLondon & JoA monitored the transmissions on 21/01 and found the 2220z almost non-existent with only the odd 'pulse' being heard. The 2240z sending was a little better allowing the message to be heard; the 2300z was +20dBs and a good signal. Dk/gc was 00686/00089. Signal strengths were a little better on 23/01. The 2220z could just be heard and a full trace was recorded on 'spectran'. Poor signals again 28/01 dk/gc 00174/00051. On 30/01 a null message was sent, nothing unusual about that but like the 2140z transmission of 28/01 there was an abrupt dropping of transmission on the third '148' of the first cycle of '148 148 148 000'. This resulted in only '1__' to be sent.

February's morning schedule from PLondon and JoA:

0700z 15272kHz 04/02 07/02 11/02 14/02 18/02 21/02 25/02 28/02
0720z 16473kHz 04/02 07/02 11/02 14/02 18/02 21/02 25/02 28/02
0740z 17473kHz NRH NRH NRH 14/02 NRH 21/02 25/02 28/02

ID244

The first full sending on 14/02 was a 275 group message, dk/gc 07193/00275. The sending on 18/02 was very weak, S1 with AnonUK and inaudible with PLondon, however a null msg was sent. 21/02 transmission was very noisy, the message being 00518/00127.

The 25/02 0700z sending started off well with a +20dBs carrier measured by PLondon. Unfortunately on the 5th cycle of 244x3 and message indicator the carrier failed for 18.44 seconds. This occurred after a complete 367Hz tone [2 of ID] of 975ms length, and 861ms of 399Hz, the first

February's evening transmission freqs from AnonUK and JoA:

1830z 9168kHz 04/02 08/02 11/02 14/02 18/02 22/02 25/02
1850z 7695kHz 04/02 08/02 11/02 14/02 18/02 22/02 25/02
1910z 59nnkHz NRH NRH NRH NRH NRH NRH NRH
ID169

Much like most other transmissions on the 11/02 [see XP] these sendings were very poor, but identifiable as a null message. 14/02 and 18/02, 22/02 sendings were likewise poor.

XPL

E heard this most elusive polytone:
6842kHz 2105z 28/01

NUMBER PREDICTIONS

Prediction march 2003

Date	Day	Time (utc) TX	Name	Freq (kHz)	
1	sat	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
1	sat	13.20	E06	Eng man 00000	search, feb freq 17430
1	sat	14.00 / 15.00	E06	Eng man 00000	search, feb freq 17430 14930
1	sat	19.00	V08	Eastern music	6647 (+/-)
2	sun	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
2	sun	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
3	mon	11.55	E23	voice of E05	8188
3	mon	19.00 / 20.00	G06	German lady 00000	search
3	mon	21.00 - 23.00	S04	Edna Sednitzer	3373 or 3868 Rpt next day same time
3	mon	21.00 / 20 / 40	E07	Eng man 000 000	9420 8185 6817
4	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search, feb freqs 13366 14866 16266
4	tue	12.30	E11	Oblique 7439	
4	tue	13.00	E11	Oblique 8088	
4	tue	18.42	S21	Russian lady	4454 4854
4	tue	19.00	S06	Russian man 00000	search, feb freq 3873 and 3862
4	tue	19.00 / 20.00	G06	German lady 00000	search, rpt of mon if non-null-msg
5	wed	06.10 / 30 / 50	E07	Eng man 000 000	6934 8103 9368
5	wed	07.00	S06	Russian man 00000	12365
5	wed	11.55	E23	voice of E05	8188
5	wed	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
5	wed	21.00 / 20 / 40	E07	Eng man 000 000	9420 8185 6817
5	wed	22.45	E18	Five Free	try each wed, rpt next day same time
6	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, feb freqs 13366 14866 16266
6	thu	08.00	E11	Oblique 10125	
6	thu	08.00	E17z	Eng lady 00000	11170
6	thu	11.55	E23	voice of E05	8188
6	thu	18.42	S21	Russian lady	4454 4854
6	thu	21.00	G04	Three note oddity	search
6	thu	21.30	G04	Three note oddity	search
6	thu	23.00	G22	Edna Sednitzer ger.	search, feb freq 4462 Rpt 00.30 utc
7	fri	06.10 / 30 / 50	E07	Eng man 000 000	6934 8103 9368
7	fri	08.00	E11	Oblique 11116	
7	fri	19.30	G06	German lady 00000	4792 (+/-)
8	sat	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
8	sat	13.20	E06	Eng man 00000	search, feb freq 17430
8	sat	14.00 / 15.00	E06	Eng man 00000	search, feb freq 17430 14930
9	sun	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
9	sun	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
10	mon	21.00 - 23.00	S04	Edna Sednitzer	3373 or 3868 Rpt next day same time
10	mon	21.00 / 20 / 40	E07	Eng man 000 000	9420 8185 6817
11	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search, feb freqs 13366 14866 16266
11	tue	12.30	E11	Oblique 7439	
11	tue	13.00	E11	Oblique 8088	
11	tue	18.42	S21	Russian lady	4454 4854
11	tue	19.00	S06	Russian man 00000	search, feb freq 3873 and 3862
12	wed	06.10 / 30 / 50	E07	Eng man 000 000	6934 8103 9368
12	wed	07.00	S06	Russian man 00000	12365
12	wed	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
12	wed	21.00 / 20 / 40	E07	Eng man 000 000	9420 8185 6817
12	wed	22.45	E18	Five Free	try each wed, rpt next day same time
13	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, feb freqs 13366 14866 16266

13	thu	08.00	E11	Oblique 10125	
13	thu	08.00	E17z	Eng lady 00000	11170
13	thu	18.42	S21	Russian lady	4454 4854
13	thu	23.00	G22	Edna Sednitzer ger.	search, feb freq 4462 Rpt 00.30 utc
14	fri	06.10 / 30 / 50	E07	Eng man 000 000	6934 8103 9368
14	fri	08.00	E11	Oblique 11116	
14	fri	19.30	G06	German lady 00000	4792 (+/-)
15	sat	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
15	sat	13.20	E06	Eng man 00000	search, feb freq 17430
15	sat	14.00 / 15.00	E06	Eng man 00000	search, feb freq 17430 14930
16	sun	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
16	sun	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
17	mon	11.55	E23	voice of E05	8188
17	mon	21.00 - 23.00	S04	Edna Sednitzer	3373 or 3868 Rpt next day same time
17	mon	21.00 / 20 / 40	E07	Eng man 000 000	9420 8185 6817
18	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search, feb freqs 13366 14866 16266
18	tue	12.30	E11	Oblique 7439	
18	tue	13.00	E11	Oblique 8088	
18	tue	18.42	S21	Russian lady	4454 4854
18	tue	19.00	S06	Russian man 00000	search, feb freq 3873 and 3862
19	wed	06.10 / 30 / 50	E07	Eng man 000 000	6934 8103 9368
19	wed	07.00	S06	Russian man 00000	12365
19	wed	11.55	E23	voice of E05	8188
19	wed	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
19	wed	21.00 / 20 / 40	E07	Eng man 000 000	9420 8185 6817
19	wed	22.45	E18	Five Free try each wed, rpt next day same time	
20	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, feb freqs 13366 14866 16266
20	thu	08.00	E11	Oblique 10125	
20	thu	08.00	E17z	Eng lady 00000	11170
20	thu	11.55	E23	voice of E05	8188
20	thu	18.42	S21	Russian lady	4454 4854
20	thu	23.00	G22	Edna Sednitzer ger.	search, feb freq 4462 Rpt 00.30 utc
21	fri	06.10 / 30 / 50	E07	Eng man 000 000	6934 8103 9368
21	fri	08.00	E11	Oblique 11116	
21	fri	19.30	G06	German lady 00000	4792 (+/-)
22	sat	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
22	sat	13.20	E06	Eng man 00000	search, feb freq 17430
22	sat	14.00 / 15.00	E06	Eng man 00000	search, feb freq 17430 14930
23	sun	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
23	sun	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
24	mon	09.55	E23	voice of E05	8188
24	mon	21.00 - 23.00	S04	Edna Sednitzer	3373 or 3868 Rpt next day same time
24	mon	21.00 / 20 / 40	E07	Eng man 000 000	9420 8185 6817
25	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search, feb freqs 13366 14866 16266
25	tue	12.30	E11	Oblique 7439	
25	tue	13.00	E11	Oblique 8088	
25	tue	18.42	S21	Russian lady	4454 4854
25	tue	19.00	S06	Russian man 00000	search, feb freq 3873 and 3862
26	wed	06.10 / 30 / 50	E07	Eng man 000 000	6934 8103 9368
26	wed	07.00	S06	Russian man 00000	12365
26	wed	09.55	E23	voice of E05	8188
26	wed	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
26	wed	21.00 / 20 / 40	E07	Eng man 000 000	9420 8185 6817
26	wed	22.45	E18	Five Free try each wed, rpt next day same time	
27	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, feb freqs 13366 14866 16266
27	thu	08.00	E11	Oblique 10125	
27	thu	08.00	E17z	Eng lady 00000	11170
27	thu	09.55	E23	voice of E05	8188
27	thu	18.42	S21	Russian lady	4454 4854
27	thu	23.00	G22	Edna Sednitzer ger.	search, feb freq 4462 Rpt 00.30 utc
28	fri	06.10 / 30 / 50	E07	Eng man 000 000	6934 8103 9368
28	fri	08.00	E11	Oblique 11116	
28	fri	19.30	G06	German lady 00000	4792 (+/-)
29	sat	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
29	sat	13.20	E06	Eng man 00000	search, feb freq 17430
29	sat	14.00 / 15.00	E06	Eng man 00000	search, feb freq 17430 14930
30	sun	12.30 / 13.30	E06	Eng man 00000	Search, feb freqs 17433 15817 (+/-)
30	sun	18.00 / 20 / 40	E07	Eng man 000 000	search, feb freqs ??? / 8135 / ???
31	mon	21.00 - 23.00	S04	Edna Sednitzer	3373 or 3868 Rpt next day same time

©Gert, Holland2003 [TnxGert].

ODDITIES

Frogs!

AnonUK has discovered an UNID oddity. It sounds like a croaking frog and can be found on 7380kHz at around 0800z USB mode. It has been heard on Wednesdays and Thursdays. PLondon has also heard this peculiar signal and agrees with AnonUK that it sounds like a frog croaking! [M10E and S10D have also used the freq].

AnonUK has investigated the signal, writing that it is heard in varying bursts of 8 tones, one of which was; 410, 434, 456, 480, 504, 528, 547, 569Hz. The nature of the tones is such that it often sounds as though an answer is being given to each burst. This signal is worth monitoring. Please send reports to e2k via usual methods.

7380kHz	0800z	16/01
	0748z	17/01
	0745z	18/01
	0745z	19/01
	0800z	21/01
	0745z	31/01
	0800z	18/02
	0800z	19/02 [ICW on freq - numbers].

Also heard on 18864kHz after 1400z
Frogs! Now has the ENIGMA 2000 ident XFR.

BACKWARDS MUSIC STATION (XM)

The two 5MHz 'whales' were caught by Ary: 'The best I've ever heard.'

5201.1kHz	2210z	19/01
5225.5kHz	2211z	19/11
9005.0kHz	0536z	11/01

E sent details of his hearing XM as 5437kHz 0013z 14/02.

At 0717z 20/02 SP posted via the E2k group, 'Our friend the "Backwards Music Station" has returned to 5437khz with a very strong signal. That together with those frequent data bursts and a time signal which has recently appeared have rendered the frequency totally useless for E10.'

3386 kHz 20/02 but unfortunately no time.

BUZZSAW

Nil Reports

CARRIERS [Blank]

Nil Reports

CRACKLE(XC)

Look around 5495//5505kHz as the crackle and Shanwick Air Radio battle for the frequency. [See p25 Issue 11]. Reported by AnonNI 2020z 12/09

E reports:

5197kHz 2330z 16/02

JAMMERS

These can be heard with some regularity on: 5320, 5600, 6420, 6880, 7040, 7050, 7070, 8320, 8340, 8515, 9360, 10280, 10470, 13410, and 16176kHz.

MAZEILKA (X06)

4772kHz	1826z	31/01
5831kHz	2223z	04/01
6870kHz	2235z	13/01
6872kHz	1818z	31/01
6962kHz	2236z	13/01
12224kHz	1525z	05/01

From the end of January to early February PoSW's logs:

29-Jan-03, Wednesday, 2201z 7,681kHz, despite a lot of casual tuning around during January - there seems to be no set schedules for X06 and discovery is purely by chance - this is the first one I have found this year. Very weak signal, rapid flutter, vanished 2206z.

30-Jan-03, Thursday, 2101z, 4,772kHz, strong signal with a background hum. Tones stopped 2109z and carrier went off a few seconds later. Listened until after 2112z, nothing further heard.

31-Jan-03, Friday, 1811z, 6,872 kHz, signal strength S7, tones stopped 1822z, carrier stayed on for approx. 1 minute, listened until 1826z, nothing further heard.

5-Feb-03, Wednesday, 2202z, 4,962kHz, good signal, tones stopped just before 2210z and cut carrier; listened until after 2213z, nothing further heard.

12-Feb-03, Wednesday, 1808z, 8,180kHz, strong signal, tones stopped just before 1816z, carrier went off 20 seconds later. Listened until after 1819z, nothing further heard. Mazeilka seems to have stopped sending Morse and data after the tones.

and Gert reports this hive of activity in February:

10815kHz	1400z	15/02
17420kHz	1410z	15/02
17463kHz	1512z	15/02
14950kHz	1500z	15/02
18591kHz	1515z	15/02
19135kHz	1034z	01/02 [E]

[Thanks to AF, E, Gert and PoSW].

S28 [formerly XB]

It buzzes away on 4625kHz.

Pips

S30 Continues to dominate 3757kHz in the 80M band. The daytime freq, according to Ary, for the Pip is 5448kHz between 0530 to 1400z . This switches to the more well known freq of 3757kHz from 1400 to 0530z.

3757kHz	2310z	29/12
5448kHz	0545z	31/12

Ary wrote via Spooks that Takashi reported another 2-second PIP station. It can be heard on 5488kHz with heavy QRM. This one is different from PIP on 5455//14425//14378kHz sending *characters corrupt* every minute and a very rapid morse rarely.' "Good reception can be obtained in the East Asian morning.", says Takashi.

SLOT-MACHINE (XSL)

XSL is heard on 4152.5, 4231, 4290.5, 6249.5, 6416.5, 6444.5, 8312.5, 8587.5 and 8703.5kHz. USB mode

Still being heard in US, Oceania and like areas. E2k would like to receive details of any observations made in Great Britain, Eire and Europe please.

XSL general transmission times [freqs of 8588.0//8703.5]

Sun	1500z	1600z	1900z
Mon	0900z	1700z	2215z
Tue	1510z	1530z	1600z
Wed	1400z	1500z	1545z
Thu	1600z		
Fri	1450z	1600z	2140z
Sat	1400z	1600z	1700z

The text via <<http://www.geocities.com/hfasia/files/Japanese-PSK.html>> describes the Slot Machine as Japanese PSK with a Vertical bandwidth of 3kHz. It states frequencies in use as:

4152.5, 4231, 4290.5, 6249.5, 6416.5, 6444.5, 8312.5, 8587.5, 8703.5kHz
8313kHz 1237z 11/01
8588kHz 0500z 17/02
0510z 18/02

SQUEAKY WHEEL(XSW)

Can be heard strutting its stuff on 3828kHz

TELEPRINTER 4710

Can be heard on the usual frequencies of 4710, 6702, 9000kHz, 11122kHz [daytimes] and 15020kHz [evenings].

4710kHz	0745z	29/01
	0809z	18/02
6702kHz	0745z	29/01 NRH
	0810z	18/02
9000kHz	0745z	29/01 NRH
	0810z	18/02
11122kHz	0746z	29/01 NRH
	0811z	18/02 NRH
15020kHz	0746z	29/01 Carrier
	0812z	18/02 Carrier

XTB [One tone, two buzzes]

This station appears to have gone without trace since E2k's interest!! All reports gladly received.

Suggestions as to the purpose of this oddity would be well received!

WOPWOP (XWP)

Nil reports

More Info on 'oddities' can be found on Brian of Sussex excellent web pages:
<http://brogers.dsl.pipex.com>

Frequency information and trends can be downloaded from:
<http://www.cvni.net/radio/>

Thanks to AB, AF, AK, ANUER, Anon UK, AnonNI, Anon Scandinavia, AR, BMDartford, CD, D of Kent, 'E', GallusGallus, Gert of Holland, HFD, IB, J of Aylesbury, J Derby, JM, JMM, K of Kent, LP, Ben Mesander, Mike of Kent, Mark Slaten, PLondon, Peter of Saffron Walden, R anon, Rob of Essex, RN UK, selco, US', Spy Numbers Robot, and all others for their contributions to the Morse, Voice and Oddities columns. As ever we acknowledge information from the Spooks site.

ENIGMA 2000 ARTICLE

Before moving on to this issue's article we heard from PLondon. "On Monday 6th January I went to the Boat Show at Earl's Court. Whilst there I visited the Customs and Excise stand and spoke to one of the persons manning their offering. 'Can I help?' 'Just an inquiry really; does the Coastwatch system still operate?' With a look of horror on his face, 'Yes, I think it does. But, I couldn't tell you whereabouts'. P stated that he couldn't have got a better look of horror if he'd pulled out a kilo of powdery white stuff! P wants to know why the secretive approach. Anyone who knows please inform us via the usual method please.

Whilst walking through the boatshow a bloke clad like a French sailor[!] jumped out and asked, with accent that said 'southern hemisphere' 'What books do you read Sir?' Truthfully P replied 'Anything on intelligence matters'. With that Pierre with the Australasian accent said menacingly 'Do you work in intelligence then?' P replied 'No' and carried on walking. P's mate who had heard the entire proceedings [come on Mac you know who you are] said 'Crumbs, he must have had a very bad experience somewhere along the line!'

We received this interesting comment recently: "I am writing to you with reference to the article on 'Coastwatchers' that was published in a recent edition of the Enigma Newsletter. Whilst I cannot comment on the Coastwatchers system in terms of shipping, I can confirm that a very similar scheme is outlined in Her Majesty's Customs and Excise notices currently to be found at airfields up and down the country.

Although I am not aware of anyone being specifically asked or designated for such duties, the notices do ask for persons working on airfields or operating aircraft to watch out for, and report to HMC&E, activities which raise suspicion.

This includes the reporting of suspicious aviation related activities, suspicious passengers, aircraft flying low near the coast, unusual modifications to aircraft, evidence of unauthorised use of airfield or landing strips, aircraft flying at night without navigation lights etc. etc." [Thanks 'NBranch'].

RIMNET revisited.

In Issue 17 of the ENIGMA newsletter, published in July 1999, an interesting account of RIMNET and Operation Best Endeavour were given. [Page 41].

The article read, in part, 'We received an interesting letter about RIMNET recently. Our reader tells us "I sat opposite a young lady on the train and she took out a sheaf of papers. As she held them up I saw the official coat of arms and the words 'Questions for the Prime Minister'. She quickly placed that on the bottom of the pile and started to read another: 'Operation Best Endeavour' Briefing Pack. Because I was sitting opposite her I was unable to see the text, however as soon as we stopped I gave up my seat to a lady so I could look down on the document. It was generated by a division of the Department of Environment, Transport and the Regions (DETR), and related to what would happen if there was a nuclear accident. RIMNET had a good mention about its capabilities and also the effects of the liberated radioactive material on the public at large. However readers will be reassured to know that Iodate would not be given to the population because there would be no time to distribute it. (Potassium Iodate 150mg tabs are given to prevent absorption into the thyroid, by exposed persons, of Iodine 131 - radioiodine - as seen to have disastrous effects at Chernobyl and Belarus area)."

The article continued to give description of Operation Best Endeavour as being one of a series of periodic communications exercises, run at eight week intervals that simulate the sort of e-mail traffic that might be expected as a result of an incident involving the release of radioactive material from an establishment.

The exercise was conducted nation-wide, not regional exercises. The incident being in a Northern European county so there was plenty of time for a wide fronted plume to cover the whole of the UK!

Since the ENIGMA article was published some pages, dedicated to RIMNET, suddenly appeared on the DETR's website on 25th October 1999.

RIMNET, it states, is the national radiation monitoring and nuclear emergency response system, set up as part of the National Response Plan following the Chernobyl incident. (Early 26th April 1986 the 1000 tonne containment lid was blown off one of the four reactors as the power level soared from 200 megawatts to 400,000 megawatts. Some 9 tonnes of radioactive material reached an altitude of 1.2km.

The radioactive accident was detected by the systems in use in Finland and Sweden.

RIMNET Phase 1 came into being in 1988 and was installed at Meteorological Office info supply sites, be they RAF, HMC or 'allied' agencies. The logic for that is that in the early days of RIMNET the heads were read manually, so there was a known track record of reliable staff available. It is thought that manual reading of the heads ceased at the same time the system was automated.

On 26th April 1994 RIMNET Phase 2 started independently monitoring the environment for radioactivity from exercises. There are 92 sites throughout the country for monitoring and use modern radiation monitoring and data collection methods further complimented by modern computing technology and communications techniques. Perusal of the map of the UK, shown on the DETR site, suggests that the actual monitoring sites are within military or meteorological office establishments. Lydd, Gatwick, Heathrow and Stanstead are all airports with a meteorological requirement, whilst Wittering, Wattisham, Brize Norton, Aviemore, to name a few would be familiar to those who monitor RAF VOLMET. There are other services sites as well.

A diagram shows the 'Key Elements' and RIMNET Phase2 arrangements. It appears that the heart of the system is the Central Database Facility, CDF, which accepts data input from the RIMNET monitoring network, consisting of Fixed site automated monitors. Supplementary Monitoring Data from Government bodies and other accredited suppliers. [These 'supplementary' monitoring programmes would cover air, food, water supplies, livestock, crops, the UK environment and people and goods entering the country from overseas affected areas]. The data would be entered into the CDF directly using a variety of methods.

Information bulletins and advice are also entered to the CDF from the Information Centre and Ministerial Briefing Unit, which receives data and coordinated assessments from the Technical Coordination Centre, [has representatives from DETR, MAFF, DH, DTI, MOD, Met Office, NRPB to name a few] which alone is addressed by the CDF. From the CDF Information to the public and the media is disseminated.

The National Response Plan is outlined on the website, giving note of the bilateral early notification agreements that we hold with the Danish, Dutch, French, Norwegian and Russian Governments.

The subsequent information that would be generated, in the event of an incident, that would be deemed to be released for the public, would be made available through teletext and viewdata systems, giving a simple but fast method of informing the public with a number and frequency of bulletins being consistent with the nature of the accident. [One does wonder if this would include the information that KI tablets would not be made available!].

More detailed and technical information would be supplied to the Local Authorities and water suppliers to 'assist' them with enquiries from the public.

RIMNET Phase 2 is expected to run until 2003 when it will be superseded by the Phase 3 system that will boast the latest, most efficient software, hardware and communication systems.

Incidentally, Operation Best Endeavour was one of a series of periodic communications exercises run by the Radioactive Substances Division [RAS] of the DETR. The exercise was nation-wide with a theoretical incident in a North European country. It commenced on 18/01/99 and finished on 21/01/99 having been one of the longest running exercises.

Fuller details of the arrangements are given in the HMSO booklet, "The National Response Plan and Radioactive Incident Monitoring Network (RIMNET). Phase 2" (ISBN 0-11-752788-2).

Lately ENIGMA 2000 was handed a rather shoddy looking 'print out' from a pager monitoring unit and amongst all the messages the word 'RIMNET' appeared.

22:16:44 13: RIMNET 71 LEEMING Case ~

22:16:46 26: RIMNET 71 LEEMING Case C-06/454324/2001 open for 14 hrs FERNANAB4

22:16:47 30: RIMNET 71 LEEMING Case C-06/454324/2001 open for 14 hrs FERNANAB4

Does this system rely on the BT pager system or is it just an alarm system indicating an open door?

Is the use of paging part of Phase 3 upgrade?

[ENIGMA 2000 cannot vouch for the accuracy of the above message, nor can it supply any frequency or decode details].

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After this article was written pieces appeared in certain newspapers after the events in America on 11th September, 2001. In the Guardian 3rd August 2002 Jamie Wilson wrote 'Anti-radiation drugs have been stockpiled around the country as a precaution against a possible nuclear attack by terrorists, it emerged yesterday.

Potassium Iodate tablets, which are normally only kept near nuclear power stations, have been moved to secret locations across Britain since September 11.

The government has also established detailed plans for responding to major incidents involving radiation, including regular exercises to test responses to a nuclear incident.' In response to the final sentence above Jamie Wilson included 'The preparations emerged in a parliamentary written answer by the health minister, John Hutton. "The government has established detailed plans for responding to major incidents involving radiation," he said. "Cross-departmental contingency plans are in place and regular exercises test responses to a nuclear incident. Careful consideration has been given to the practicalities of distributing potassium iodate tablets and arrangements for distributing these tablets have been tested in recent exercises."'

Prior to that in the Scottish Sunday Herald of 14th July 2002 Rob Edwards, Environment Editor wrote an interesting piece entitled 'Scotland ill-prepared for a nuclear leak.' The sub-heading, however, was more chilling if you consider that the article concerned only Scotland: 'Planned countermeasures against a radioactive disaster are a laughable, logistical nightmare.'

It is to be noted that Ireland [Eire] has already distributed KI tablets amongst its population, a Citizen's information site 'Comhairle' even answers questions posed. Again there is a little extra information on that site from a question. This reads:

Are any other countries giving out iodine tablets?

Sweden has distributed iodine tablets to householders living within 15 km of one of its nuclear power stations. Only those living within this "inner circle" received the tablets. Switzerland can house 90 per cent of its population in shelters in the event of a nuclear accident but it has not distributed iodine tablets ahead of time as we have.

Those of us in Britain, one of the highest taxed countries worldwide, seem to get such a raw deal where Civil Defence is concerned. For proper radiological protection [or any other threat posed] you need to be either Royalty or serve in the Government of the day. Such is the Government's interest in the taxpayer that they have to fend for themselves whilst those chosen suffer little hardship.

Viable bunkers still exist in GB for those designated to use them whilst the rest of us will be made to stay in our homes and draw the curtains to protect ourselves.
©Harry Palmer 2002

On BBC2 'Horizon' [2100z 30/01] covered the rather chilling story of the possibility a dirty bomb being detonated in London. Interestingly they traced supplies of a radioactive source [they claim litters Russia] and showed how a dirty bomb might be made and the effects, immediate and eventual, of such a device being detonated in London. Chilling stuff; sensationalism at its best, government propaganda or just a prophecy? Whatever the driving force it was perhaps a little short sighted to advertise the apparent easy availability of the source.

The Sunday Times [09/02] outlined on its first page how the British Government intends to utilise mobile sampling units [about size of a domestic fridge and called NB Cerberus] to monitor air purity and isolate deliberately disseminated biological warfare agents in a process that would take about 60 mins. This would allow the security forces to place effective cordons around such affected areas and stop, using force if necessary, infected persons leaving that area. The report states that these mobile units would be present at marches and other static monitoring units would be fitted near national monuments. A report was made later [10/02] that the 183 cameras to do with congestion charging, and others, will also be used for terrorist control. The cameras zooming on the faces of drivers for comparison against a database. Guess what? Public rights group 'Liberty' have started whinging on about public rights and their solicitor issuing a statement about Brits being the most observed nation in the western world. This is Britain at its best; let the terror merchants do their business as long as we are not under too much surveillance. Where do these idiots come from?
[Incidentally, Cerberus was the three-headed dog that guards the entrance to Hades].
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Worthy of being inserted here, ENIGMA 2000 received this [claimed pager message] anonymously on 05/03 as we were about to release the NL -- what's it about? Note the word 'geiger'.

1e3	*****	10	1	*****	3	2	8:geiger:DBREP main CRITICAL!
1e4	*****	10	1	*****	3	2	11:geiger:DBREP main CRITICAL!
1e8	*****	10	1	*****	3	2	31:geiger:DBREP mainCRITICAL!
1ea	*****	10	1	*****	3	2	29:geiger:DBREP main CRITICAL!
1eb	*****	10	1	*****	3	2	9:geiger:DBREP main CRITICAL!
1ed	*****	10	1	*****	3	2	31:geiger:DBREP main CRITICAL!

[***** denotes censored information]

NEWS & ITEMS of INTEREST

E2k acknowledges, with thanks, the receipt of Newsletter 42 from WOYG.

Ricin found in Wood Green London N22

Seven men, two aged 17 have been arrested following a tip-off to British security services by France's DST [Direction de la Surveillance du Territoire] ; the named property being placed under surveillance.

One of those arrested is stated as being a trained chemist or a science teacher. The remnants of a small homemade laboratory were found in a flat over a Pharmacy. Glassware from the site was taken to Porton Down [Hello SurgCmdrCD if you're still there - remember Mr Harris?] where traces of ricin were found. Ricin can be extracted from the castor plant; a supply of castor seeds being found in the homemade laboratory.

Ricin, it is believed, was used to assassinate Bulgarian writer Georgi Markov. He was injected with a 1.52mm diameter sphere that could hold a volume of 0.28cubic mm. Two holes were drilled in the capsule with diameters of 350µm to allow the toxin to disseminate. The fact that ricin was used was hypothesised by Dr David Gall owing to the exceptionally small dose and symptoms. A pig was injected with a similar quantity used on Mr Markov and took the same time to expire.

An ideal biowar agent should be capable of being communicated from person to person and be easily dispersed, being stable in an aerosol form. Whilst ricin can be produced easily its actual toxicity limits its use. When ricin is ingested into the body the required dose will be 30µg per kg of body weight but for dissemination by aerosol will require 3 µg per kg. This limits the use as the amount of ricin to cover an area of say 100 sq kilometres would need 4 tonne of ricin whilst only 1kg of Bacillus Anthracis [Anthrax] would be required. [This assumes ideal dissemination conditions]. Ricin would better be used as a contaminant to food or water. There is no 'antidote' to ricin. IF ricin is used it will be of limited effect and most certainly used locally ie possibly via a local food outlet or in physical attacks. It was interesting that the release of this action coincided with the Defence Secretary Geoffrey Hoon's announcement that a British Naval task force and 3000 Royal Marines had been ordered to sail to the Gulf.

A further press release indicated that the French intelligence services provided the vital tip-off as those involved on this side of the channel have apparent links with a similar Parisian group. The Parisian group was believed to be preparing to attack the Russian Embassy in France with chemical weaponry. Not surprisingly the British group were discovered to have entered GB as asylum seekers and were living in a Council owned flat. The flat is near to the Finsbury Park Mosque which has been linked to a number of 'terror' suspects. The question remains as to how many other asylum seekers have anything but asylum on their minds?

Links to the Pankisi Gorge, Georgia have also been claimed where it is believed 25 of Al Qaeda top terrorists were trained in the manufacture and use of poisonous chemicals, toxins [ricin is a toxalbumin] and biological weaponry. Journalist Jon Pilger wrote in the 'Mirror' "..... stories planted in newspapers by American intelligence that Iraq has been training al-Qaeda terrorists at a secret base."

[<http://www.mirror.co.uk/news/allnews/page.cfm?objectid=12422214&method=full&siteid=50143>].

Those caught in connection with the Wood Green Ricin production event have been charged and have been fast-tracked to the Old Bailey. Six others, 5 men one woman, and believed to have been involved have been arrested in the Bournemouth . The five men were bailed whilst the woman was held for immigration matters.

Following up the ricin 'trail' to Manchester a counter-terrorist raid was carried out in the Crumpsall area of Manchester. During this action a Special Branch officer was killed by an Algerian who stabbed him with a kitchen knife. Two others were stabbed and two suffered leg injuries. Apart from the murderer two other Algerians were arrested. Information later released suggested that the man who actually stabbed the late SB officer was recognised not only as a wanted person by the intelligence services but as the 'chemist' in the Wood Green flat. It was suggested that his clothes may hold forensic evidence of his chemical activities; the subsequent request that the prisoner put on a forensic suit in exchange for his garments actually sparked off the action that ended so tragically.

Interesting Info

<http://www.disa.mil/> has a number of publications available and well worth a visit. The extract below is from a greater offering of the Location of US Military Communication Facilities. We have looked purely at those in Britain and have included four others for interest.

Location of US Military Communication Facilities

BARFORD SAINT JOHN BFDSTJHN UK 3 UNKIN AWGY 515900N 0012200W
BICESTER BICESTER UK 3 UNKIN BNDE 515458N 0010745W
BLENHHEIM CRESCENT BLNHMCSC UK 3 UNKIN BUHA 513430N 0002600W

CHELTENHAM CHELTNHM UK 3 UNKIN DMMD 515400N 0020500W
CHICKSANDS CHCKSNDS UK 3 UNKIN DPUX 520249N 0002400W

DIGBY DIGBY UK 3 UNKIN DJAN 443325N 0654700W

GOONHILLY GOONHLLY UK 3 UNKIN 500300N 0051200W
GOONHILLY DOWNS GNHLYDWN UK 3 UNKIN JDVK 500300N 0051200W

LAKENHEATH LAKENHTH UK 3 UNKIN MSEK 522600N 0003400E
LONDON LONDON UK 3 UNKIN NPJB 513100N 0000600W
LONDONDERRY LNDNDRRY 33 1 A N H NPJW 425100N 0712200W

MENWITH HILL MNWTHLL UK 3 UNKIN PZKZ 540000N 0013300W

OXFORD OXFORD UK 3 UNKIN SQSW 514500N 0011500W

READING READING UK 3 UNKIN UADL 512700N 0005800W
STANDBRIDGE STNDBRDG UK 3 UNKIN 515400N 0003500W

US EMBASSY LONDON USEMBLND UK 3 UNKIN 512920N 0000745W
UXBRIDGE UXBRIDGE UK 3 UNKIN XREM 513300N 0002900W

BAD AIBLING BDAIBLNG GE 4 GERM ATEN 475200N 012000E

EPISKOPI EPISKOPI CY 5 CYPRS GCFW 344000N 0325500E
DIEGO GARCIA DIEGOGRC IO 7 BRIOC FGDD 071520S 0722420E

GEORGETOWN GEORGTWN GY 1 GUYAN 065000N 0581200W
We welcome comment on these locations.

Former Head of Peruvian Intelligence on Public Trial

Vladimiro Lenin Montesinos faces 57 charges, including connections with drug-trafficking, bribing, tortures and political assassinations. In what has been called by the local media as the "Trial of the Century", the ex spy and presidential advisor Vladimiro Montesinos, appeared in court on Tuesday. The public trial against him comes after courts sentenced Montesinos to nine years in jail last July for abuse of power. [Tnx Jmm]

Terror attack on Britain Imminent?

According to Blair Britain will enjoy an inevitable attack by terrorists. Most timely that 'G' wrote in with, "Whilst Mr Blair believes an al-Qaeda attack on Britain is imminent and that he 'could spend billions' in preparation, the sad fact is that he won't. The Nation could be vaccinated against biological agents, could receive respirators and Atropine/Oxime auto injectors against chemical weaponry, but they won't. All HM Govt has done is to pass laws to allow the Military to seal off areas affected by such a terrible attack and to shoot anyone who attempts to leave it. The reason is obvious; keeping the unfortunates in a known area reduces the call on the NHS, allowing those so affected to conveniently perish and pass on the cost of their suffering to their nearest and dearest in the form of funeral charges. Leaflets giving advice on survival matters could be printed, but instead HM Govt advises those with Internet access to download an American publication from the FEMA site. That is if you have managed to find the Government UK Resilience site in the first place. Of course you could take a look at :

<http://www.fema.gov/doc/areyouready/areyouready.doc> and <http://www.surviveall.co.uk/main.htm>

Looking at the second URL would give you the option to buy your own respirator.
[Tnks G]

Colombia: Three CIA Agents Taken Hostage by Rebels

They were on board the plane that made an emergency landing in the Southern jungles of the country.

A huge military operation has been launched by the Colombian and army and US officials to rescue three CIA agents presumably captured by the Revolutionary Armed Forces of Colombia -FARC-. The local media estimates in 2.500 the personnel taking part in the actions underway, but no positive results have been reported until now. [Tnx Jmm].

Jamaican Visa requirement

All Jamaicans visiting GB and Northern Ireland will need a £36 visa to do so. This is a requirement designed to stop those who come here overstaying. Visitors from other Commonwealth countries also have to gain a visa to visit GB and Northern Ireland, notably Guyana, being a Caribbean country. The visas are gained in Guyana by visiting the British High Commission in Main Street Georgetown and presenting proof that you are going to Britain for a certain purpose and will not be a burden to the British system. The documents needed are Passport, Letter of invitation and Bank statements from the intended host to show sufficient funds for their stay.

Saddam Hussein makes allegations

Saddam Hussein has alleged that the UN Weapons inspectors are acting as spies. Not surprisingly this has been denied. One cannot deny previous knowledge that UNSCOM was set up to inadvertently send off SIGINT from a specially constructed safe in UNSCOM's building in Iraq.

Mugabe Contract?

Mugabe opposition leader Morgan Tsvangirai has been accused of wanting Robert Mugabe killed to spark a military coup. One prosecution witness Ari Ben-Menashe, who claims to be a former Israeli Intelligence officer, claimed that Tsvangirai had signed a £300k contract with his Canada based firm and promised a £6.3M to the head of the Zimbabwe Air Force to stage coup after Mugabe's assassination. It was further suggested that British Government Sources would provide the money.

Ships carrying Iraqs WMD's?

Not at all! We later received this analysis of this 'story' from JoA, whose last comment is most accurate!
The ships story was reported by a newspaper but is thought to have been concocted by City dealers to help push "safe-haven" Government bonds higher." There is much mis-information flying about, so much so that anything can be taken with a pinch of NaCl.
[Ed: I'll bet its given the Iraqi leader an idea though!]

Britons held for 'spying'.

Two Britons were held by Swiss authorities 'late last year' for being found near to the Gösigen nuclear power station. The two, apparently of Pakistani descent were carrying a digital camera that was attached to a laptop, another laptop, two - way radios and sleeping bags. One of the two laptop computers had been installed with global positioning software to allow the two to accurately determine their position within a few feet. The incident is being investigated by Police and security officers in Switzerland, Germany and Britain. MI5 are expected to question the suspects. Interesting that the release to the papers was made on 04/02/2003 and that the Swiss had not disclosed the details previously.

Voyeur's Tool!

The latest generation of mobile phones with built in cameras is proving to be something of a nuisance. In Japan, it was reported, a series of upsets involving pictures being taken up ladies skirts has led to an announcement 'Yatane!' [you did it] by the phone every time a photo is taken. In Britain the phones are banned in certain establishments, one after a weary stockbroker was caught photographing performers at a lap-dancing establishment. They have also been banned at some schools in the fear that they may be used to distribute images of children in a state of undress.

UK to accept Son of Star Wars Role.

Mr Hoon has said that Britain will agree to accept a vital role in the controversial US missile shield project, now known as 'Son of Star Wars'. This system which may be housed at the North Yorkshire Base, RAF Fylingdales is championed by President George Bush and is designed to protect the US from missile attack by rogue states like North Korea.[*What about the rest of us?*]
There is also the other base, RAF Menwith Hill which may have a part in this too.
Readers should note that the use of 'RAF' in these cases is a misnomer, the bases being American.
No doubt there will be the usual demonstrations to complain about this matter.

Phone tap details made public?

Two judges sitting on the Investigatory Powers tribunal panel have backed a legal challenge by civil rights group Liberty. Liberty argued that secrecy surrounding allegations of illicit spying by police, MI5 and other government forces violated human rights.

Shoot to Kill!

The '*News of the World*' suggested in a page 2 story on 12/01 that Police and Army will get powers to shoot to kill anyone attempting to leave an area that has been closed due to a chemical or biological attack. [That'll keep the cost on the NHS down -- coop 'em up 'till they die]. Wonder what they'll do for the looters, rioters and rapists within that enforced curfew?
Extra security has been ordered with respect on the air supply in London Underground stations and improved security at reservoirs.

British Hacker gets two years gaol

A 22 year old Brit has been jailed for two years recently. Spending hours in his bedroom armed with his computer he constructed 'enticing' viruses, also known as 'mass-mailers'. His most successful was 'Gokar' and has been said to be the world's third most prolific. 'Gokar' is said to have crashed networks and has cost millions of pounds in repairing infected computers. He was eventually caught with assistance of the FBI after boasting about his exploits in Internet chatrooms.

War with Iraq

The war with Iraq is less than popular with Britons. It has been released that only 27% are in favour of any action against Iraq whilst MP George Galloway has asked defence workers to sabotage Britain's Defence Industry by going on strike.

Iain Duncan Smith has accused Mr Blair of 'wobbling' on Iraq and of not making the case for the British involvement on British interests. When interviewed on BBC1's *Breakfast with Frost* he said, "I'm not in favour of simply following the Americans. I think we have to make the case for the British involvement on British interests."

It appears that there is a Cabinet revolt in the offing too; Clare Short offered advice that 'siding with the United States in unilateral action could mean disaster,' whilst other women ministers were appalled at the prospect of war.

Whilst Britain sees fit to deploy almost a third of its troops to the Gulf, Andy Gilchrist, leader of the Fire Brigades Union has not missed the point and has ordered yet another strike. Some of those troops sent to Iraq are those who have manned the vintage Green Goddesses with good effect. In Issue 14 we mentioned the 11807 page document produced by Iraq and its copying by US. "The excuse given was so that the US can remove all the sensitive bits that might enable others to make weapons of mass destruction." Listening to the Rt Hon Tony Benn on LBC [97.3] at around 1815 16/01 was a real eye opener. The real reason for the US to copy the documents was to be able to delete the names, addresses and details of weapons supplied to Iraq by the US [and presumably UK?]. But what really took the biscuit was the discovery of empty chemical weapons by Hans Blix; actually twelve 122mm shells. [I write this with an empty cup of tea nearby and safe in the knowledge that I have at least 15 empty glasses of water in my kitchen cabinet!]

A letter in the 'Metro' newspaper has suggested that if the US and UK wanted to help the arms inspectors they should give details of all the weaponry they have sold Iraq in the past.

Pakistan victim of spying?

An unmanned India spy aircraft has been shot down in Pakistan. The claim was made after a series of expulsions of Diplomats from Delhi and Islamabad. The craft is believed to have crossed the dividing border at Kashmir.

Spanish Police arrest 16 al Qaeda suspects.

Spanish Police raided 12 addresses early on Friday 24/01. Apart from finding 16 suspects, mostly Algerian, various containers were also removed. They are described as having liquids that contain hydrocarbons and other components of resins.

Interestingly the report mentions that the group had purchased two transmitters and antennae. Another more powerful transmitter was being acquired with the intent of keeping in contact with other terror groups abroad.

Is this transmitter an indication that there is a group sending 'numbers'? If they are they could well be using Arabic numerals:

0 sifr, [٠]	1 wahid, [١]	2 itnein, [٢]	3 talata, [٣]	4 arba'a, [٤]
5 khamsa, [٥]	6 sitta, [٦]	7 sab'a, [٧]	8 tamanya, [٨]	9 'ashara [٩]

[Taken from 'Aden Arabic for Beginners', by MA Ghanem MBE BA, Deputy Director of Education Aden, was priced at 17.50 East African Shillings, available from A Hakim & Sons, near the Crescent, Steamer Point, ADEN (when Britain was any type of power)].

E2k would welcome any readers recollections from Aden, be it service related, PWD or Oil, or even P&O or Castle Line.

GCHQ targeted by terrorists?

Three men were arrested after behaving suspiciously near the Oakley entrance of GCHQ. At first the men were believed to be armed but on arrest were found not to be carrying weapons. They have been detained under the Prevention of Terrorism Act for routine questioning.

BBC Invaded

Fifty anarchists forced their way in Bush House, the headquarters of the BBC's World Service, wandered about for nearly an hour and raised an anarchist flag on the roof. Security is to be reviewed.

LGW

Three men were arrested under the Prevention of Terrorism Act at Gatwick Airport after being held by immigration officials on 16/01.

Operation Mermant -- Mosque Raided

Up to 150 Police, some of whom were armed, entered the Finsbury Park Mosque at 0200z 20/01.

Five Algerians, one Somali and an Albanian were arrested. Three of the Algerians were not known to have entered Great Britain and immigration officials have been requested to check on the status of all seven detained persons.

GCHQ is believed to have been requested to intercept thousands of coded emails sent and received from Mosque.

Computer equipment was removed for forensic analysis whilst forged credit cards, French Passports and French identity cards were removed along with files, books and documents.

The raid is stated as being prompted by analysed material seized during the previous series of operations against the 'Ricin Lab' in North London. The Mosque at Finsbury Park has long been suspected as being the focal point of Islamic Fundamentalism, mainly involving the Egyptian born and somewhat charismatic cleric, Abu Hamza al Masri. Masri had changed his name from Mustafa Kemal and studied engineering and had been a nightclub bouncer in Soho.

Abu Hamza al Masri has been barred from Mosques in Burnley because of his inappropriate views and his wish to establish a base for his group, the Supporters of Sharia. [The Times Newspaper dated 21/01 provided excellent coverage].

We have received information that Mosques can be listened to on frequencies on UHF frequencies [albeit illegally - see the RA's doc RA169].

New Head of GCHQ announced

David Pepper, an expert in information technology, has been named as the new head of GCHQ, the electronic eavesdropping centre based in Cheltenham. Mr Pepper, 55, will take over from Sir Francis Richards who has been appointed to be the new governor of Gibraltar.

Emergency Civil Defence Laws to be reviewed.

Britain's emergency Civil Defence planning laws are to be reviewed but later in the summer. Apparently they do not allow for dealing with Chemical or Biological weapons.

Alan Nunn May

Alan Nunn May who passed 'information calculated to be directly or indirectly useful to an enemy', was charged with such and who served six years out of a ten year sentence died on 12 January, 2003 aged 91.

Shoe Bomber sentenced.

Richard Reid was sentenced to life imprisonment in the US Boston District Court. In a South London accent he told Judge William Young, "I admit my actions. I swore my life to Osama Bin Laden and to Islam. Your Government has killed two million innocent children in Iraq. Your government has sponsored the rape and torture of prisoners in Egypt and Turkey and Syria and Jordan with their money and their weapons. "I don't see what I done as equivalent to rape and torture and the murder of two million children. Okay? I put my trust in Allah totally. He will destroy those who wish to oppress the people of Allah."

Reid was the first person caught in a terrorist act since the twin towers attack. American Airlines Flight 63 [Paris to Miami] on 22/12 carried 14 crew and 183 passengers. As a passenger Reid repeatedly attempted to ignite fuse wire attached to plastic explosive that was hidden in his shoes. During the 90 minute committal hearing, BBC World Service reports, Richard Reid shouted and gesticulated at the Judge. He was unrepentant as he was lead out shouting to the Judge, "You'll meet your Lord and I'll meet mine. Thanks for nothing."

IRAQ – ITS INFRASTRUCTURE OF CONCEALMENT, DECEPTION AND INTIMIDATION publication
IT'S A SHAM and there were others too.

<http://www.number-10.gov.uk/files/word/Iraq.doc>

Excellent articles in the 07/02 Guardian and Times newspapers state what ENIGMA 2000 knew all along. The above named publication is total plagiarism, chunks having been taken from an article verbatim penned by Ibrahim al-Marashi.

E2k also noted chunks of text that could only have been lifted from The Federation of American Scientist's [FAS] excellent web site.

Along the same lines on page 31 of Issue 14 of the E2k NL a piece appeared concerning other publications from Number 10, viz, 'Weapons of Mass Destruction' and 'Saddam Hussein, Crimes and Human Rights abuses'. In this piece we mentioned that the WMD read like a second rate copy of Frederick Forsyth's novel, based around Iraq, 'The Fist of God'. [Our copy donated by DoKent].

Forsyth was interviewed on LBC by Sandy Toksvig recently. Apart from stating that his story lines are well researched and that occasionally he is told by Government 'suits' not to include certain facts, Mr Forsyth recognised certain elements of his novel in WMD!
'In the writers trade such acts are called 'plagiarism'; in Blair's trade it's called 'Politics'.

A more believable reason to invade Iraq so that the 'good guys' can theatre test new weaponry is shown here:
<http://www.phillrawlins.co.uk/proof.ppt>

BBC2's Newsnight 06/02

On the above programme Tony Blair answered questions from a selected audience of 27 persons. In the 'Metro' 07/02 it was reported that Blair was failing to convince Britain of the need to go to war [at the time only 23% were in favour]. Another member of the audience referred to Tony Blair as 'the Right Honourable member for Texas North'. The Guardian newspaper had, a week before, printed a cartoon showing Blair being led to his quarters at the white house by George Dubya. Just out of site was a dog kennel. With around 80% not in favour one wonders what this need to invade Iraq really is about; certainly not human rights.

15/02 saw a fiftieth of Britain's population march through London to demonstrate against a war with Iraq. Mr Blair insists that he is right to follow Dubya's impatient move to conflict. To possibly save face Blair has asked for diplomacy a short time prior to any action.

Mossad Founder Dies

Issar Harrel, the founder of Mossad has died aged 91. He was the only person to have headed Mossad and the domestic intelligence service, Shin Beth. [19/02]

Seen in 'Scanning' column Short Wave Magazine March 2003:

A useful record/playback facility, Xcorder. This useful freeware program be downloaded from

<http://www.xcorder.com/index.html>

It does work and I am sure that the author would be glad of your feedback.

Those 419 letters!

Jmm wrote in to report that whilst monitoring a Radio Prague programme [5930kHz 0700z 01/03] he heard a report concerning a murder. It appeared that the Nigerian Consul, based in Prague, had been murdered by a Czech with whom he had an appointment. Whilst the motive not been firmly established the local police have suggested that the Czech may have been moved to commit murder by his despair of having been ripped off by a letter from a Nigerian financial scam. The accused was arrested on the premises of the Nigerian Consulate.[Tnx Jmm].

Finally....

Radio Tikrit, 1584kHz, started broadcasting early February and maybe CIA 'black' propaganda.

For more info: <http://www.newscientist.com/news/news.jsp?id=ns99993430>
<http://www.dxing.info/articles/iraq.dx>

RELEVANT WEB SITES

<http://groups.yahoo.com/group/enigma2000>

Frequency details can be downloaded from:

<http://www.cvni.net/radio/>

<http://www.mirror.co.uk/news/allnews/page.cfm?objectid=12422214&method=full&siteid=50143>

<http://www.eyespy.com>

http://ourworld.compuserve.com/homepages/jeremy_condliffe/folks13.htm

<http://www.official-documents.co.uk/document/deps/hc/hc1243/1243.pdf>

<http://www.balfourbeattyconstruction.co.uk/projects/Project%20Experience/Defence/Menwith%20Hill.pdf>

<http://www.truthseekers.freemove.co.uk/truth/TR14MENWITH1.HTM>

<http://www.caab.org.uk/>

<http://www.surviveall.co.uk/main.htm>

<http://www.fema.gov/doc/areyouready/areyouready.doc>

<http://www.homeoffice.gov.uk/oicd/decontamination/decontamination.pdf>

<http://www.phillrawlins.co.uk/proof.ppt>

<http://www.xcorder.com/index.html>

REQUESTS

PLondon wishes to know if anyone has reference to an XP message with dk/gc 00497/00051? If so please contact P via E2k or post to Group. Tnx.

DOES ANYONE know anything about UK Resilience and the 'Gatekeeper Network'? If so E2k would very much like to hear from you ASAP [To learn more on UK Resilience try: <http://www.ukresilience.info/> and for London dwellers: <http://www.londonprepared.gov.uk>].

What to do in a disaster!

If you really want to know what to do in the event of a 'disaster' download the much better FEMA guide, a really decent publication from America available from the UK Resilience site. Have you noticed how the American Government actually looks after its population [even providing underground shelters for the general populus] unlike the British Government who supply shelters for themselves so they can look after those who are protected by doors leant against a wall. [See 'Protect and Survive']. They can't even be bothered to write an intuitive and helpful British Guide, preferring to 'filch' something from over the Atlantic, no doubt saving money, time and being able to claim that help was there if you really needed it. This country is so dogged in its own political correctness and spin nothing worthwhile is being done for the British Nation at large. Instead our PM plays at being a 'World Statesman' whilst old ladies get mugged and raped for a few pennies for drugs, Gangs shoot it out on our streets and the NHS is left to rot. Policemen lose their lives because our shores are an open door to the riff-raff from other countries

whose idea of refugee status means that they exclude all other places and travel thousands of miles to sign on in GB. The only protection this country's population will see from the unthinkable will be a pile of useless papers, electronic pulses on the 'net and instruction issued by a very safe Government secreted in its bolt-hole. See <http://www.fema.gov/doc/areyouready/areyouready.doc> to see how much better the US treats its citizens [and they pay a lot less tax too]!

Maybe 'Jack', the G4E** who was talking about shelters still in existence on the London subways at 1507z on 70 53kHz 24/01 might like to contact the authorities and see if he can get some protection for the defenceless millions who use the underground railways daily?

You can have a half decent chortle at this too: <http://www.homeoffice.gov.uk/oicd/decontamination/decontamination.pdf>

Since this has been written Great Britain has moved to a top terror alert; LHR is patrolled by armed Police and members of the British Army and a hand grenade has been discovered in luggage at North Terminal LGW. Meanwhile, Americans are buying provisions in preparedness for the 'unseen' enemy. And the Home Office draws our attention to another Civil Defence document. This one is from Australia!

'G' wishes to thank the 4 persons who forwarded the 'Friendly Fire' articles via E2k.

ENIGMA 2000 would be most interested to hear from anyone who lives or has travelled overseas with their radio to monitor number stations.

Please make your requests or replies via enigma2000-owner@yahoogroups.com or 076 2627 6417 pager.

STOP PRESS

We have received a complaint that we exclude Northern Ireland when we refer to Great Britain and not use the full title of Great Britain and Northern Ireland. Please be assured that we use GB with the assumption that NI will be realised without the necessity of using the full title. It was not our intention to exclude NI.

'E':	Mni Tnx yr logs es news cuttings. GL with your considerations stated at end of log.
LP	Mni Tnx yr logs rxd 22/02
Tom:	Tnx yr paged msg.
'Pusser 1' BFPO 212:	Sent to your H/A Good Luck.

PLEASE SEND ALL CONTRIBUTIONS TO ARRIVE 7 DAYS BEFORE THE LAST DAY OF THE MONTH.

<p>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'. ENIGMA 2000 CAN BE PAGED VIA: 076 2627 6417 ©ENIGMA 2000</p>
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Our Email address is now:

enigma2000-owner@yahoogroups.com