

## ENIGMA 2000 NEWSLETTER

Sept 04

Articles, news reports and Items of interest: [enigma2000-owner@yahoogroups.com](mailto:enigma2000-owner@yahoogroups.com) Issue24  
<http://groups.yahoo.com/group/enigma2000>

Try this, you know it makes sense: <http://www.preparingforemergencies.co.uk/>

**BT announced that as from 31st December 2004 it is discontinuing its Pager system.**

**That means that ENIGMA 2000 ceased taking messages on its pager number, 07626 276417[ENIGMA 2000 Number Station Monitors Group Message 3621] on 16<sup>th</sup> August, 2004**

Welcome to the twenty fourth edition of the ENIGMA 2000 newsletter. Please accept our apologies for the lateness of this edition and also the missing Morse section.

This unfortunate omission and delay is the result of the pressure of work and personal illness, I take this opportunity to offer the best to my co-author.

Thanks to all those who have sent logs in, especially the Morse logs. Although there is no section this time you will be interested to learn that we retain all logs received to allow archival access should the need arise.

ENIGMA 2000 also maintains a database of articles surrounding the general Intelligence and Espionage subject and habitually files news cuttings for record purpose.

We received a number of praising emails for NL23 and its content and the editors kindly acknowledge all thanks passed to them on behalf of the work put in by themselves and others who regularly submit analysis, logs and articles. One email [thanks HJH] was sent with the request that we actually include it within the [next] NL; here it is:

"Many sincere thanks for the latest excellent NL. Professional and dedicated are two words that spring to mind. The work on the polytones is superb, as is the dedication and self discipline of the monitors who regularly contribute their logs, voice and morse. It is you who keep E2k largely afloat, together with all the other contributors and editors. Gert's prediction list is a gem, and has a place on my wall in the shack close to my Rx, 'cos I can't always find my specs! Seriously, it is one of the best guides to this type of monitoring which I have encountered. My thanks to you all, guys, this old radio op. is now going to wallow in HF nostalgia on my FRG! Gary Hagerman."

Propagation, a view.

PoSW wrote, There was some kind of solar disturbance in full swing on Monday 25/07 which finished off the ionosphere for a while. When I did my usual tune around the spectrum at around 0550z I was surprised to find very few signals at all; even the broadcasters in the 19, 25 and 31 metre bands were very weak and the gaps between produced only a background of hash from all the neighbouring TV sets and there was no activity from across the North Sea on the 80M amateur band, usually a feature of early Sunday mornings.

Things had perked up slightly by 0700z although the V02 on 8132kHz was only just detectable. Propagation was affected for the rest of the day and for a couple of days after. The Sunday E07 was much weaker than usual, the 1830z + 1930z E06 was unreadable and the 2050z S10d could be heard with a very weak signal on 8175kHz only.

I heard a QSO between several amateur stations on Foxtrot Echo in the 5MHz band a bit before 1800z and everyone was commenting on the poor propagation conditions earlier in the day. Several M12 schedules on the Mon and Tues were much weaker than usual and the regular Tues 1850z + 1950z S06, usually a good signal, was unreadable. There seems to be some long lasting damage to the ionosphere with regard to the late night programming from WWCN Nashville on 12160kHz; I haven't been able to receive a good enough signal to partake of my daily ration of American paranoia since last weekend!

MSF info

MSF, the world standard time signal sent on 60kHz is scheduled to be off air 0800z 20/09 until 0800z 04/10 for maintenance, apparently extensive work on antenna masts. Originally distributed from National Physical Laboratories we are informed by JoA.

[Interesting that the maintenance should fall into a period where University students have no need of the signal. One of our members had knowledge of a project using the pulses received by a really simple radio and then processed for timekeeping. He relates two years where the maintenance periods fell when these projects were displayed to the staff, parents and public – no pulses = no project!]

Single Letter Transmission Clusters

Single Letter Transmission Clusters;- there are several of these running at the moment, groups of three Morse letters being sent continuously, the frequencies on which each letter is sent being separated from each other by a few tens of Hz. The first one I logged was in the second week of August on 10,871 KHz; usually there is a weak "S" on this frequency but on 13-August was noted with a strong "P", a slightly weaker "D" and the weak "S". Regular checks over the past ten days or so have found the SLTs still on, except that now (25-August) the "P" has gone and has been replaced by a weak letter "C". Other frequencies noted with a similar kind of format are:-

5,154 kHz, heard in the late evenings with "P", "D" and "S".

13,528 kHz, also "P", "D" and "S".

16,331 kHz, "S" the strongest, "D" and "P" much weaker.

SLT's of this kind were noted active on the same frequencies in September and October of 2002 but had all gone, or reverted to just a weak single letter "S", by early November. [Tnx PoSW].

GERMAN BRANCH REPORT

Hallo liebe E2K Freunde und Mitglieder der deutschen Branch [Hello dear E2K friends and members of the German Branch]

Here's my third report of the German Branch, which was created at the beginning of March and still counts almost 20 members. Also in these two months, only a few of them sent me their logs and reported about events regularly. But there are plans to make the German Branch more popular in Germany (look below).

The summer months July and August were the vacation months for most people in Europe, also in Germany. But nevertheless, the most active members of our branch were at work with monitoring and logging numbers stations.

In July and August, also DanielE2Kde (Münster) and KopfE2Kde monitored the XM "Whales" on 11363 kHz again with fading signals and different sounds. Daniel and I monitored it on July 10 at different times; signal was very strong, and it sounded like "experimental backwards music". Also I could monitor the station several times in August. I would say, that 11363 is a standard freq of XM.

The July began with a logging of G06 on July 5 at 1900, on 11425 with a 0-msg for "308" (KopfE2Kde). One day later the "Kopf" could confirm the signal on 8625, which was also heard by the English hobbyfriends PLondon, Brogers and Gary Whitewolf. It brought 2 pulses a second and we don't really know, where it is coming from (some folks presume, it could be the CODAR). On July 8 there was an E07 log by KopfE2Kde: 2010 on 13526 with a 0-msg for "573".

July 13 was an important date. Daniel monitored a Spanish lady on 12121 at 0130 (V2A?) in LSB. But more important: Simon Mason from UK reported, that his competition makes progresses. He received a quartet of recordings from the 70s, sent in by Andrew T. (probably UK). That note moved the "Kopf", also to send in rare recordings and so to take part in the competition. I sent him two G14 recordings from the 70s in July, and another quartet of G16 recordings in August, so that I now have two ID numbers.

Exactly one week later, July 20, V6 "Russian lady in Spanish" was monitored by the "Kopf" on 14937 at 0620 with a 0-msg for "893" (signal very strong), even as I was searching for the XP[1] morning skeds. All three of them can be confirmed (i. P.), as usual with strong signal (9+45). But the XP evening skeds can't be confirmed for whole July and August by the German Branch! Also on July 20: S06 at 2015 on 7654, also again with a 0-msg, this time for "198" (then the OM said the number group "20355" one time) [also monitored by KopfE2Kde].

The August brought us more logs, events and one new member. First the logs by the "Kopf": X06 was heard again at 1713 till 1717 on 7822. After signal stopped, carrier stayed for half a minute, and after it went off, nothing further heard. Also the August XP[1] skeds can be confirmed: the 1<sup>st</sup> freq (9236 at 0600), the 2<sup>nd</sup> freq (10235 at 0620) and the 3<sup>rd</sup> (11536 at 0640) with ID=225, GC=00161 [the 1<sup>st</sup> one monitored on August 13, the two others on August 10]. Also the two E10 strings, beginning with "KPA" can be confirmed: the 1st one on August 9 on 6370 at around 2000, and the 2<sup>nd</sup> one a day later on 4360 and 5170 at 2115. This 2<sup>nd</sup> E10 string filled one whole 90-minute-cassette! August 11: E06 i. p. at 1500 on 12218 August 12: V2A i. P. on 8097, monitored at 0640 (probably start: 0630?) in my parents' house in Friedberg – in the same country of Germany as Marburg belongs to, but further in the south. Better reception conditions there as in this high house here in Marburg.

We have a new member in the German Branch. DirkE2Kde (Schlüchtern – this QTH is difficult to pronounce in English – in HTML you write it "Schl&uuml;chtern"), an old school friend of mine, phoned me on August 12, saying, that he just heard a Morse station on 4030 (at around 1615) with different speeds (transmission i. P.). He hasn't an email address yet, but if he will have one, we will be in correspondence via mail, before that via telephone [Txn Dirk].

August logs from DanielE2Kde: He could receive E11 "Oblique" and its Slavic sister station S11A "Cherta" in August. In detail: E11 on August 13 at 1230 on 9448 in USB with a 0-msg for "321" ("321/00"). Five days later: S11A at 2100 on 5358 in USB with a 0-msg for "571" ("571/00"). As he writes, it ended around 2105 with "Kanyet", but he couldn't catch this "end" signal because of heavy local QRM. On the same day (August 18) he could also catch E07 at 2000 on 14911 with a msg for "950" (msg i. P. caught). Also on this day: E06 at 2100 [the same time as S11A was on air] on 10229 with a 0-msg for "801". On August 21: G06 at 2200 on 6834 with a 0-msg for "531". Daniel remarks, that he found the most of these stations through Gert's prediction list. [Txn DanielE2Kde for these logs.] Also the German Branch has to thank Daniel for the article about the TV transmission of the film "ENIGMA – das Geheimnis" ("ENIGMA – the secret") and PLondon for the images from Bletchley Park, which he made at the end of July.

As I [KopfE2Kde] was back in Marburg, I could confirm the musical signal on August 16, which was audible on 6825, and which was found by Ary. This "What is it" sample, what we called it, you can find on Ary's homepage in a better quality than I had found it [listen at <http://home.luna.nl/~ary>]. I could monitor, that the signal stopped at 1815.

At the end of this report two things – one more serious and one more funny. Unfortunately, the most logs brought here are from me and only less are from other German hobbyfriends. Unfortunately OliverE2Kde from Darmstadt didn't send me logs, but I will hope, that he and others will send more logs or reports about events in the media or literature about our topic in future. But: In this month I contacted the moderator of a German mailing list for blind and partially sighted radio amateurs. I am not member of that list, and I don't want to become one. I only asked the moderator, if there are some people, who also deal with numbers stations. Our hobby is very interesting for this group of persons. I can say that, because I am also blind, as you know, and I always was fascinated about these stations. I really hope, that we can get more people for the German Branch of our world-wide numbers stations movement, presented through E2K. Remember: I will also speak at the "Days for acoustic Media" in Boltenhagen/East Germany at the end of October about the numbers stations. Hopefully, I can also pay the attention of these people there.

And now the funny thing at last: HendrikE2Kde (near Aschaffenburg) told me, that at the end of the "Ham Radio", a radio amateurs' exhibition, which is presented once a year, at the end of June, in Friedrichshafen/South-West Germany, they play the sound of S2 "Drums and trumpet", which Hendrik also found on Simon's excellent homepage. Perhaps the numbers stations are also of interest for some people there.

Until next time "Auf Wiedersehen" and good-bye  
Jochen Schäfer, "Kopf" of E2K's German Branch [Txn Jochen]

VOICE STATIONS

Following our UNID report Issue 23 page 4 we received the following from Hans-Friedrich Dumrese, he wrote via group,  
"Once more: This isn't a Portuguese station, but the the Greek Olympia Radio.  
This isn't a number station, but a coastal station. The "numbers" aren't numbers or frequencies,  
but channel designators."

H-FD is correct in what he states. In message **3180** Jochen Schaefer was the first to identify the station :  
"the station is identified. I just heard it on 13170 in USB.  
This is a Greek coast station: "Olympia Radio".  
So the other language is not Portuguese, but Greek.  
The 4 digit numbers may be coordinates. So it's not a numbers station."

In Message to Group **3189** H-FD wrote, of the already fully identified station:  
"It's an ordinary maritime station with an English and Greek identification  
loop. The 4 digit numbers are channel designators like 1601 (1. channel on  
16 MHz: ship 16360, shore: 17242). No beacon, no number station, no  
mysteries at all."

The point of the short piece written concerning the UNID on 13170kHz was not to identify the station correctly but to make others aware that hearing numbers on the Short Wave does not necessarily indicate a Numbers Station. It also illustrated that PLondon's cleaner has other skills – in fact another cleaner, also a Portuguese national, regularly speaks with PLondon in Arabic.  
It would appear that author and ex-GCHQ employee Jock Kane was in fact right about unseen skills.  
So thanks for letting us know again about Radio Olympia H-FD – but note the first line context, 'An email from DK suggested a Portuguese UNID.....' We left the answer to those who had followed the saga online or who cared to follow up identification with further listening or a visit to the mid-May messages on Group.

Number station observations from PoSW: Recent developments include continued high levels of activity from the S06 Russian Man. His German YL relative, G06, continues with the long - standing first Monday in the month and (usually) alternate Thursday and Friday schedules. Also the "Weekend", i.e Saturday and Sunday schedule seems to have settled down to appearing on the second and third weekends in the month on either 12,210 kHz at 2020z or 10,875 kHz when, for some reason which we can only guess at, the start-up time is five minutes later. Also the E06 English Man is somewhat more lively than some of us thought, but there still doesn't seem to be any activity on Saturday afternoons, UK time.  
There has been a sudden drop in activity from the V02 Spanish speaking YL over the last couple of weeks; very few of the long-standing schedules have been showing up, for example, the Thursday 0500z and 0600z and Saturday 0600z and 0700 transmissions which always gave the best reception both in terms of signal strength and audio quality. [Tnx PoSW]

#### 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

Nil Reports.

#### E06

Before we move to the logs RNGB writes: At 1530z this afternoon (Weds 04/08) I was tuning for expected S06 in 12MHz and found it had changed to E06 and was on 12170 kHz

It was same transmitter as yesterdays S06, as it had a loud buzzing sound to it.

The ID was 158 DK 934 only 2 groups, 11111 and 00011 (quite bizarre)

This would have been the repeat, as the first would have been at 1430z on around 14MHz (but I wasn't at home to find it). [Tnx RNGB]. RNGB also mentioned that he was experiencing some problems accessing Yahoo Groups – this is the same with PLondon but his is with the email which seems to be unavailable around H+35 daily.

Minimal reports for E06 for July, initially by IW rapidly followed by RNGB [Tnx chaps]!

5110kHz	1922z	14/07[null 538]E
8030kHz	1930z	04/07[690 00000] IW & RNGB
	1925z	25/07 Inaudible to E due to QRM
10350kHz	1830z	04/07[690 00000] IW & RNGB
12193kHz	1500z	14/07[230 repeat of 1400z sending] RNGB
14685kHz	1400z	14/07[230 498 165 80737 etc] RNGB
	1400z	15/06[230 repeat of day before] RNGB
15815kHz	0600z	15/07[817 00000] RNGB & Gert
	1400z	15/06[230 repeat of day before] RNGB

For August we start with PoSW's logs:

1-Aug-04, Sunday;- new frequencies for the weekly "690" schedules;- 1830 UTC, 10,190 KHz, slight background buzz on the carrier, S9 signal over-riding "XJT" on a nearby frequency. Repeated 1930 UTC, 8,170 KHz, also with slight background buzz. "690 690 690 00000".  
4-Aug-03, Wednesday;- 2100 UTC - plus 12 seconds, started late, unusually for an E06! - 10,236 KHz, "801 801 801 00000", S9+ signal

with lower sideband well suppressed. Carrier had the background buzz noted on the Sunday E06 and First Monday in the Month G06 German YL transmissions. Carrier was up at 2043z on 10,230 KHz, then went off at 2046z and re-appeared on 10,236. 2200 UTC, 8,160 KHz, repeat sending of "801 801 801 00000", very strong signal with background buzz and lower sideband well suppressed.

8-Aug-04, Sunday;- 1830 UTC, 10,190 KHz, "690 690 690 00000", flattened by an "XJT" with the receiver in AM mode but much better in USB so that the filter removes the QRM which is slightly lower in frequency.

1930 UTC, 8,170 KHz, "repeat of "690 690 690 00000".

15-Aug-04, Sunday;- 1830 UTC, 10,190 KHz and 1930 UTC, 8,170 KHz, "690 690 690 00000".

19-Aug-04, Thursday;- 0600 UTC, 14,920 KHz, an early morning E06, carrier with tone noted a few minutes before the hour, calling "392", DK/GC "107 107 65 65", wide variations in signal strength, lower sideband well suppressed.

20-Aug-03, Friday;- 0600 UTC, 14,920 KHz, a next day repeat of yesterday's sending but much, much weaker; only just able to make out the "392" of the call-up.

2130 UTC, 5,731 KHz, was noted nearly forty minutes earlier at 2049z when the E06 man was discovered calling "0-1-2-3-4-5-6-7-8-9" over and over without a break until just after 2121z when there was plain carrier until 2130z - similar warm-up routine has been observed from the Friday 1930z G06 German YL from time to time. On the half hour started up with call "315", DK/GC "896 896 38 38", signal strength S9, lower sideband well suppressed. Ended 2142z with DKDK GCGC and 5 well spaced "Zero [Txn PoSW]

Onto the logs:

8160kHz 2201z	04/08[null 801] E
8170kHz 1914z	01/08[690 carrier on/off until 1927z]E
10229kHz 2100z	18/08[801 00000 vy strong S9, carrier prevalent before and after sending]Danielde
10236kHz 2100z	04/08[null 801]Gert
12090kHz 2100z	14/08[935:0]HFD
12218kHz 1500z	11/08[155 grp – lasted an hour]Gert
12153kHz 1200z	12/08[971 - 486 / 35 = 36755]Gert NOT A REGULAR SLOT.
13385kHz 1400z	04/07[null 457 starting 5 mins late]Gert
14537kHz 1400z	11/08[155 grp – lasted an hour]Gert
14920kHz 0600z	06/08[ start missed dk563 gc79]Gert
0600z	20/08[292 ??? ??45 45]AnonUK
16332kHz 1100z	17/08[472 - 856 / 31 = 66356]Gert – noted as a possible one off, which has been occurring this month[08]

Charts are in the S06 section, both reference E06 whilst one shows the station references in [BLUE](#)

Finally, Gert sent some other logs:

E06 logs July and August

Sun 4 july

- E06 18.30 10350 RRGB
- E06 19.30 8030 RRGB

Wed 14 july

- E06 14.00 14856 230 – 498 / 165 = 80737 GD
- E06 15.00 12193 '230' repeat GD

Thu 15 july

- E06 14.00 14685 (repeat of wed) RRGB
- E06 15.00 12193 (repeat of wed) RRGB

wed 4 august

- E06 14.00 13385 '457' 00000 Gert
- E06 15.00 11120 '457' 00000 (fast) RRGB
- E06 15.30 12170 158 – 934 / 2 = 11111 00011 RRGB
- E06 21.00 10236 '801' 00000 Gert

Fri 6 aug

- E06 06.00 14920 missed start, dk 563 gc 79 Gert

Sun 8 aug

- E06 18.30 10190 '690' 00000 Gert
- E06 19.30 8170 '690' 00000 Gert

Tue 10 aug

- E06 20.00 12190 '471' 00000 RRGB

Wed 11 august

- E06 14.00 651 – 392 / 155 = 92433 RRGB
- E06 15.00 repeat RRGB

Thu 12 august

- E06 12.00 12153 971 – 486 / 35 = 36755 (fast) Gert
- E06 14.00 14537 missed start Gert
- E06 15.00 12218 missed start Gert

Sun 22 aug

- E06 10190 '690' 00000 Gert

Gert also intercepted these August transmissions:

- tue 11.00 16332kHz
- tue 20.00 12190kHz
- wed 21.00 10236kHz
- thu 12.00 12153kHz
- fri 06.00 14920kHz

[Tnx Gert]

E07

For July:

- 8251kHz 0510z 07/07[246 x3 000] AnonUK & HFD
- 9476kHz 0530z 07/07[246 000]RNGB
- 10126kHz 1820z 04/07[msg in progress] RNGB
- 10353kHz 2050z 01/07[573 rpt of 13526kHz 2010z] RNGB
- 12203kHz 2040z 12/07[682:1-3512/45=78970]HFD
- 13526kHz 2010z 01/07[573 866 111 89380 27628 etc]RNGB
- 2010z 08/07[573:0]HFD
- 13872kHz 2020z 12/07[682:1-3512/45=78970]HFD & RNGB
- 2020z 14/07[682 rpt of 12/07] RNGB
- 15638kHz 2000z 04/07[682:0]HFD
- 2000z 05/07[682 x3 000] AnonUK
- 2000z 12/07[682:1-3512/45=78970] Strong BC interf.HFD
- 16638kHz 2000z 07/07[682 x3 000] AnonUK

Via Gert, August Sun/Wed freqs: 1700z 13388 1720z 12088 1740z 10504

AnonUK has tried to locate the Thursday 2050z frequency and writes, "The Thursday E07 at 2050 which has been very elusive, is, I am almost certain on 9930kHz. Right under Radio Sweden. There was a heterodyne there from 2050 for the same length of time as the 2030 E07 transmission. There was no trace of it anywhere else. The ID is 233. The first frequency 12225 uses the third figure as the frequency indicator, and the second, 11137 uses the fourth. This would tie in with the 2050 frequency of 9930, using the third figure of the four figure frequency, if you see what I mean. The other E07 and V07 still on same frequencies."

However, AnonUK continued his search for the elusive Thursday frequency and on 19/08 was rewarded with:

- 9435kHz 2050z 19/08

For August:

- 7739kHz 0510z 06/08[null 701]Gert
- 9435kHz 2050z 19/08 Anonuk
- 12226kHz 2000z 05/08[233-510/60=87100]Gert
- 14911kHz 2000z 02/08[950-274/23=29605]Gert
- 2000z 18/08[950 into message start: 95268] Danielde
- 12093kHz 2040z 09/08[950-1748/52=63497]Gert

Gert adds, 'Another interesting find, not in the list:

Tuesdays, 0800 and 0810z 14373 and 12935 kHz.

Normally these are on Monday so perhaps the Tuesday transmissions are repeats?

PoSW writes, 2-Aug-04, Monday;- 2000 UTC, 14,911 KHz, "950 950 950 1", DK/GC "274 23" x 2, short message, all done just before 2005z.

2020 UTC, 13,506 KHz and 2040 UTC, 12,093 KHz, strong signal over-riding broadcast station in 25 metre band, repeats. Same frequencies used in August last year.

4-Aug-04, Wednesday;- 2000 UTC, 14,911 KHz, "950" and "274 23", as on Monday, strong signal with reasonable mod. Repeated 2020z, 13,506 KHz and 2040z, 12,093 KHz; this last sending suffering from QRM from BBC World Service on 12,095 - or should that be the other way around?, not noted on Monday. I would hate to think that someone in a far and distant land might not be able to hear yet another programme from Bush House on HIV/AIDS or on how much the people of Britain love their multi-cultural society and how much they are looking forwards to even higher levels of immigration.

9-Aug-04, Monday, 2000 UTC, 14,911 KHz, "950 950 950 1", DK/GC "1748 52" x 2

2020 UTC, 14,910 KHz, second sending and 2040 UTC, 12,093 KHz, BBC World Service QRM again, can be removed by using the RX in LSB mode so that Mr. Murata's ceramic filter suppresses everything on the HF side, possible because E07 uses a real AM signal with both sidebands.

Sunday and Wednesday Schedule starting at 1700 UTC:-

1-Aug-04, Sunday:- new frequencies for a new month, but again, not the same as those used in August last year which were 13,833 + 12,177 + 11,059 KHz.  
1700 UTC, 13,388 KHz, "305 305 305 000", strong carrier, low mod.  
1720 UTC, 12,088 KHz, second sending.  
8-Aug-04, Sunday:- 1700 UTC, 13,388 KHz, "305 305 305 1", DK/GC "188 89" x 2.  
1720 UTC, 12,088 KHz and 1740 UTC, 10,504 KHz, repeats of "305" and "188 89". All three sendings strong carriers but low mod.  
15-Aug-04, Sunday:- 1720 UTC, 12,088 KHz, "305 305 305 1", DK/GC "939 51" x 2, usual low mod.  
1740 UTC, 10,504 KHz, "305" and "939 51", slightly better mod.

Thursday Schedule Starting at 2010 UTC:-

5-Aug-04, 2010 UTC, new frequencies for August, the same ones were used in August last year:-  
2010 UTC, 12,226 KHz, "233 233 233 1", DK/GC "510 60" (???), difficult to hear due to low mod.  
2030 UTC, 11,137 KHz second sending and 2050 UTC, 9,433 KHz, inside 31 metre band, severe BC QRM, both sendings just about un-readable due to low modulation.  
12-Aug-04, 2010 UTC, 12,226 KHz, "233 233 233 1", very low mod again, DK/GC difficult to hear, sounded like "510 60" as last week.  
2030 UTC, 11,137 KHz, second sending, very low audio. [Tnx PoSW]

#### E07a]

10126kHz 1801z	04/07[441 x3 2 854 88 x2 441 x3 2 720 126 720 126]	normally 1740z AnonUK
11454kHz 1731z	04/07[441 x3 2 854 88 x2 441 x3 2 720 126 720 126]	normally 1720z AnonUK
13468kHz 1700z	04/07[441 x3 2 854 88 x2 441 x3 2 720 126 720 126]	End 1728z AnonUK
	1700z 07/07[441 x3 2 854 88 x2 441 x3 2 720 126 720 126]	End 1728z AnonUK

#### E10

Before we move on to the analysis by our E10 desk; KT in Kent saw that Bob's list was deficient in ABC sendings. He took great pleasure in phoning E2k with the following:

c5180kHz 1832z 04/07 [in prog] KT

E2k E10 desk run by Bob Meech in Dartford provides his chart and illustrates some of the movements, message structures and repetitions heard in Europe.

For July04:

#### 3150

0001 15/7 PCD2

#### 4015

2245 12/7 VLB2 \* 2245 14/7 VLB22 (ended 2336 hrs) \* 2345 14/7 VLB2 \* 0045 15/7 VLB G46 BJCDL  
0103 15/7 repeated \* 0119 15/7 repeated \* 0134 15/7 repeated \* 0145 15/7 VLB2 \* 2245 15/7 VLB2  
2145 26/7 VLB2

#### 4165

2315 1/7 MIW2 \* 2115 5/7 MIW2 \* 2215 11/7 MIW2 \* 2315 13/7 MIW2 \* 0015 27/7 MIW2  
2115 31/7 MIW2

#### 4270

2300 29/6 PCD2 \* 0030 13/7 PCD G26 HLFBA

#### 4360

2315 29/6 KPA2 \* 2315 1/7 KPA2 \* 2215 3/7 KPA2

#### 4461

0001 15/7 FTJ G12 WCMXJ \* 0001 28/7 FTJ G12 WCMXJ

#### 4648 (4647.8)

2245 1/7 CIO2 \* 2045 5/7 CIO2 (Ended 2150) \* 0045 13/7 CIO2 \* 2245 15/7 CIO2  
2145 26/7 CIO2

#### 4780

2345 1/7 SYN2 \* 2045 5/7 SYN2 (Ended 2150) \* 2045 7/7 SYN2 (Ended 2150)  
0045 13/7 SYN2 \* 2145 26/7 SYN2

#### 4880 (4879.750)

2300 29/6 ULX2 \* 0001 14/7 ULX G40 SFCKM \* 2330 20/7 ULX2 \* 2200 26/7 ULX G91 YYZMR  
0001 27/7 ULX G53 TKSII

#### 5091

2300 29/6 JSR G104 EBOHD \* 2230 1/7 JSR G8 YDDCD \* 2130 3/7 JSR G104 SSFJJ  
**2130 5/7 JSR G104 SSFJJ \* 2130 7/7 JSR G104 SSFJJ \* 2130 26/7 JSR G21 JA?PE**

5170

2315 29/6 KPA2 \* 2315 1/7 KPA2 \* 2215 3/7 KPA2 \* 2215 11/7 KPA2 \* 2315 13/7 KPA2  
2315 15/7 MIW2 + KPA2 \* 0015 27/7 KPA2 \* 2115 31/7 KPA2

5230

2345 1/7 VLB2 \* 2345 3/7 VLB2 \* 2145 7/7 VLB2 \* 2045 12/7 VLB2 (Still going at 0100 13/7)  
2245 14/7 VLB22 (ended 2336 hrs) \* 2345 14/7 VLB2 \* 0045 15/7 VLB G46 BJCDL  
0103 15/7 repeated \* 0119 15/7 repeated \* 0134 15/7 repeated \* 0145 15/7 VLB2 \* 2245 15/7 VLB2  
0045 19/7 VLB2 \* 2145 26/7 VLB2 \* 2145 31/7 VLB2

5339 (5338.7)

2315 29/6 MIW2 \* 2315 1/7 MIW2 \* 2215 3/7 MIW2 \* 2115 5/7 MIW2 \* 2315 13/7 MIW2  
2315 15/7 MIW2 \* 0015 27/7 MIW2 \* 2215 29/7 MIW2 \* 2115 31/7 MIW2

5435

2300 29/6 ART2 \* 2330 1/7 ART2 \* 2100 5/7 ART G55 HSEQW \* 0030 19/7 ART2  
2130 22/7 ART G20 HFILX \* 0001 28/7 ART G28 BDVWU \* 2030 31/7 ART G142 QZFWZ

5820

2300 13/7 YHF2 \* 2030 14/7 YHF G108 MIFQB \* 2030 31/7 YHF G28 AJIPT

6270

0001 14/7 ULX G40 SFCKM \* 2300 19/7 ULX2 \* 0001 27/7 ULX G53 TKSII

6575

2355 19/7 HNC-S \* 0002 20/7 HNC-S (2 calls only) \* 0010 20/7 HNC-S (Ended 0015hrs)

6912 (6911.7)

2215 29/6 CIO2 \* 2245 1/7 CIO2 \* 2045 5/7 CIO2 (Ended 2150) \* 2045 7/7 CIO2 (Ended 2150)  
2345 12/7 CIO2 \* 0045 13/7 CIO2 \* 2245 13/7 CIO2 (Still going 0055 hrs 14/7 )  
0015 14/7 KPA2 \* 2050 14/7 CIO2 (still going 0200 hrs 15/7) \* 0015 15/7 KPA2 \* 2245 15/7 CIO2  
2315 15/7 MIW2 \* 0045 19/7 CIO2 \* 2145 26/7 CIO2 \* 0015 27/7 KPA2 \* 2215 29/7 MIW2  
2115 31/7 KPA2 \* 2145 31/7 CIO2

6930

2215 29/6 SYN2 \* 2345 1/7 SYN2 \* 2345 3/7 SYN2 \* 2045 5/7 SYN2 (Ended 2150)  
2045 7/7 SYN2 (Ended 2150) \* 2245 12/7 SYN2 \* 2345 14/7 SYN2 \* 0145 15/7 SYN2  
2245 15/7 SYN2 \* 0045 19/7 SYN2 \* 2145 26/7 SYN2 \* 2145 31/7 SYN2

6986

2030 31/7 ART G142 QZFWZ

7358

2200 31/7 FTJ2

7540

2130 3/7 JSR G104 SSFJJ

7918

2030 31/7 YHF G28 AJIPT

9130

0030 13/7 EZI G82 KBIFP \* 0030 19/7 EZI G78 BFKGF \* 2330 19/7 EZI G171 PJMHI

#### E10 Comments

A sudden spate of 1hr transmissions from CIO2 and SYN2, was capped by a 3hr + from VLB2 on the 12/7, it commenced at 2045hrs and was still going at 0100 hrs on the 13/7 (Freq 5230) when I closed down

13/7 CIO2 commenced at 2245 on Freq 6912 and at 0015 (14/7) was joined by KPA2 on the same freq. KPA2 ended its call at 0020 and CIO2 was still transmitting at 0055hrs.

14/7 CIO2 & VLB2 have been transmitting for over 3hrs again this evening and at 2245hrs approx VLB2 changed to **VLB22** on 5.230 It ending at 2336 hrs. At 0015hrs (15/7) CIO2 who was still transmitting was joined on freq by KPA2 same as 13/7 above. CIO2 continues to call.

15/7 at 0045hrs **VLB** with a G46 Message on 5230. Repeated at 0103hrs, at 0119hrs, at 0134hrs and then back to VLB2 at 0145hrs. 0200hrs CIO2 still transmitting its call.

15/7 2250hrs CIO2, VLB2 & SYN2 Plus MIW2 & KPA2 at 2320hrs all seem to be back to the standard times & procedures, though MIW2 & KPA2 were both on freq 5170 at the same time

Looking back through my records over the last three years, it would appear that CIO2, VLB2, SYN2, KPA2 & MIW2 are the most active sending nothing but their c/s for the standard 5mins to anything over 3hrs or longer and should there be any special strings ie KPA34D55 indicating something big might be in the offering then according to my records its the same group of stations that feature here as well. I have no record of any others involved, though I feel this may not be the case. Perhaps someone could let me know.

Other station call signs like ART, EZI, FTJ, JSR, PCD, ULX, all seem to send group messages with the occasional null message at the arranged times with no extended call periods. (My Records) . The more rarer ABC, FDU & HNC etc appear out of the blue but do not seem to send a message but on occasion add a letter or number ie HNC-1 and FDU-M. As to what this may convey I'm not to sure.

Though on the 14th of July there was this slight variation to what I had said :-

2245 14/7 VLB22 (ended 2336 hrs) \* 2345 14/7 VLB2 \* 0045 15/7 VLB G46 BJCDL  
0103 15/7 repeated \* 0119 15/7 repeated \* 0134 15/7 repeated \* 0145 15/7 VLB2 \* 2245 15/7 VLB2.

19/7 from 2355hrs to 2359hrs I caught the last five mins of HNC-S then at 0002hrs 20/7 it gave two calls only and then started again at 0010hrs (See log on Freq 6575)

**Bold lettering** denotes repeated message Frequency in ( ) Denotes slight variation in transmitted frequency used on some occasions. All timings are GMT  
©BMDartford E10 Desk July, 2004

Now onto Aug 04, from our E10 Desk:

3360

2345 22/8 VLB2 \* 0045 23/8 VLB2

3150

0001 23/8 PCD2

4015

2245 7/8 VLB2 \* 2245 9/8 VLB2 \* 2345 10/8 VLB2 \* 2345 17/8 VLB2 \* 0045 23/8 VLB2

4165

2315 1/8 MIW2 \* 2315 7/8 MIW2 \* 2115 9/8 MIW2 \* 2215 9/8 MIW2 \* 2215 10/8 MIW2

2315 13/8 MIW2 \* 0015 21/8 MIW2 \* 2215 23/8 MIW2

4270

2300 9/8 PCD2 \* 2330 10/8 PCD G43 QMEGC

4360

2315 1/8 KPA2 \* 2215 7/8 MPA2 \* 2315 7/8 KPA2 \* 2115 9/8 KPA2 \* 2215 9/8 KPA2

2156 10/8 KPAK93Z33E28Z12Z1645 \* 0015 21/8 KPA2 \* 2215 23/8 KPA2

4461

2300 10/8 FTJ G120 +G16 WFQEP \* 0030 21/8 FTJ G57 UQKBJ

4648

2345 7/8 CIO2 \* 2345 10/8 CIO2

4780

2245 7/8 SYN2 \* 2245 9/8 SYN2 \* 2345 17/8 SYN2

4880

0001 23/8 ULX G26 TYQQT

5091

2300 1/8 JSR G12 MUMZY \* 2130 12/8 JSR2

5170

2315 1/8 KPA2 \* 2215 7/8 MPA2 \* 2315 7/8 MPA2 \* 2115 9/8 KPA2 \* 2215 9/8 KPA2

2156 10/8 KPAK93Z33E28Z12Z1645 \* 0015 21/8 KPA2

5230

2245 10/8 VLB2 \* 2345 17/8 VLB2

5339

2315 1/8 MIW2 \* 2215 7/8 MIW2 \* 2315 7/8 MIW2 \* 2115 9/8 MIW2 \* 2215 9/8 MIW2

2215 10/8 MIW2 \* 0015 21/8 MIW2

5435

2330 10/8 ART2 \* 0001 23/8 ART G28 B?VWU

6270

2300 17/8 ULX2 \* 0001 23/8 ULX G26 TYQQT

6912

2315 1/8 KPA2 \* 2315 2/8 MIW2 \* 2145 7/8 CIO2 \* 2215 7/8 MPA2 \* 2245 7/8 CIO2

2315 7/8 MPA2 \* 2215 8/8 CIO2 (Still transmitting 2330hrs) \* 2115 9/8 CIO2 (Ended 2150 hrs)

2215 9/8 KPA2 \* 2315 10/8 MIW2 \* 2345 10/8 CIO2 \* 2315 13/8 MIW2 \* 2345 17/8 CIO2

0015 21/8 KPA2

6930

2145 7/8 SYN2 \* 2245 7/8 SYN2 \* 2215 8/8 SYN2 (Still transmitting 2330hrs)

2115 9/8 SYN2 (Ended 2150 hrs) \* 2245 10/8 SYN2 \* 2345 17/8 SYN2

7540

2130 12/8 JSR2 \* 2130 14/8 JSR2

9130

2300 2/8 EZI G6 UUKRJ \* 0030 21/8 EZI2 \* 0030 23/8 EZI G71 PGLOX

#### E10 Comments

I do hope that someone heard this besides me ?. MPA2 on 4360, 5170 & 6912 at 2215hrs 7th Aug. and again at 2315hrs On 6912 & 5170. KPA2 was on 4360 this time

This may have been a slip up at the station end, unfortunately I was unable to record it.

8/8 Both CIO" & SYN2 are in extended call mode, well over an hour at 2323hrs and still going strong

9/8 CIO2 & SYN2 were still calling at 2115hrs and eventually ended 2150hrs.

10/8 Picked up the following on 4360 & 5170 at 2156hrs **KPAK93Z33E28Z12Z1645** and is still transmitting at 0030hrs 11/8  
An email from Ary Boender who also heard this on 6912 & 6370 at 1850hrs UTC on the 10th.

©BMDartford, E10 Desk [Txn Bob – lovely jubbly!]

### E11

E11 schedule. Note all times zulu, freqs in kHz. [note Friday 1200/1230z updates shewn as stop press in Issue 23, page 10]

	0800z	0830z	1030z	1200z	1230z	1300z
Mon						
Tues		8544	9610		9448	9950
Wed						
Thur	7663					
Fri	8091		8759	<b>10125</b>	<b>9448</b>	

[Txn to AnonUK for info rx'd inc].

7663kHz	0800z	08/07[232/00]AnonUK
	0800z	15/07[232/00]Gert
	0800z	05/08[232/00]AF
	0800z	12/08[232/00] poor sigs – QRM]JoA & AF
	0800z	19/08[232/00]noisy sigs PLondon & AF
	0800z	26/08[232/00]AF
8091kHz	0800z	09/07[232/00]AnonUK
	0800z	30/07[232/00]RNGB
	0800z	06/08[232/00]Gert & AF
	0800z	13/08[232/00] AF
	0800z	20/08[232/00]PLondon, JoA & AF
	0800z	27/08[232/00]PLondon, JoA – poor sigs. GHood with AF
8544kHz	0830z	27/07[182/00] started 47s late, ended normal time 0835:14 JoA & Gert
	0830z	03/08[182/00]Gert & AF
	0830z	10/08[182/00] AF
	0830z	13/08[182/00] AF
	0830z	17/08[182/00]PLondon
	0830z	31/08[182/00] Very weak AF
9448kHz	1232z	06/07[312/00]AnonUK
	1230z	09/07[312/00]AnonUK
	1230z	13/07[312/00]HFD
	1230z	27/07[312/00] From dxtuner.com in Rommele Sweden TomUS
	1230z	03/08[312/00]AF
	1230z	06/08[312/00]Gert
	1230z	10/08[312/00]AF
	1230z	13/08[312/00] hardly readable due to local QRM Danielde
	1230z	17/08[312/00]AF
	1230z	20/08[312/00]Very weak, almost inaudible. PLondon, JoA & AF
	1230z	24/08[312/00]AF
	1230z	27/08[312/00] v.poor signal + QRM-noise JoA
9610kHz	1030z	06/07[312/00]AnonUK
	1030z	09/07[312/00]AnonUK
	1030z	27/07[312/00] From dxtuner.com in Rommele Sweden TomUS
	1030z	30/07[312/00]HFD
	1030z	03/08[312/00]AF
	1030z	06/08[312/00]Gert & AF
	1030z	10/08[312/00]AF
	1030z	13/08[312/00]AF
	1030z	17/08[312/00]AF
	1030z	20/08[312/00]JoA
	1030z	24/08[312/00]AF
	1030z	27/08[312/00] S5 0msg.JoA . Very weak with AF
	1030z	31/08[312/00] Very weak with AF

9950kHz 1300z 06/07[183/00]AnonUK  
 1300z 13/07[183/00]HFD  
 1300z 20/07[183/00]Gert  
 1300z 27/07[183/00] From dxtuner.com in Rommele Sweden TomUS  
 1300z 03/08[183/00]AF  
 1300z 10/08[183/00] weak AF  
 1300z 17/08[183/00]Weak PLondon & AF  
 1300z 24/08[183/00]Weak PLondon, JoA & AF  
 10125kHz 1200z 09/07[187/00] AnonUK  
 1200z 20/08[187/00]PLondon and JoA  
 1200z 27/08[187/00] S5/S3 0msg.JoA

E11b

8544kHz 0830z 06/07[184/32 77777 77777 92675 37953 45233 74307 65477]AnonUK  
 0830z 24/08[184/32 77777 77777 39069 62569 29523 47806 63062] JoA & AF

Note: message make up 28/04 started with stutter grps 77777 77777 rptd 2; then 5F grps x 32; 77777 77777 rptd 2 'attention'  
 77777 rptd 2; 5f grps x 32; 77777 rptd 2 'Out'! Message time 10mins 58secs. [Tnx JoA]

E15

We print the known schedule [as issue 22]:

1100z 18000kHz	BEC	1700z 14000kHz FYS
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	2100z 4130kHz OSS

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.

For July we open AF's log:

7250kHz 1155z 26/07 AF  
 8188kHz 0955z 26/07 AF  
 0955z 28/07 AF

AnonUK reported at the close of July that he had only heard the week 4 transmission. He also stated that \*Week two was never E23, being instead M04 which has not been heard for years.

Gert heard:

8188kHz 1155z 18/08 [weak] third Wednesday.

The interception of this third week sending and AnonUK's finding of the week 4 sending reinforce AnonUK's theory that only the week 3 & 4 sendings remain and that E23 is only heard Monday; seemingly on weeks 3 and 4, on Mondays, only. [Tnx AnonUK], however AF reported a Monday sending:

8188kHz 1154z 02/08AF [Monday]

and his other logs reflect:

6200kHz 0955z 18/08AF[Wednesday]  
 8188kHz 1155z 18/08AF[Wednesday]

E25

Following our release of Manolis' interception as a STOP PRESS and seen on Page 11 of Issue 23. Crete appears to be an ideal location for the interception of this station [although there maybe better antennae on Cyprus].

9450kHz 1240z 07/07[222 etc] MP

Manolis in Crete again copies E25:

9450kHz 1240z 13/07[222]MP

and writes, "A new message today from E25. Again the 3rd and last group are the same, even if it was difficult to copy today due to (local) QRM and

fading. So I am not sure about some of the digits.

9450 kHz AM E25 13/07  
1247 UTC Music intro.  
1250 UTC Arab OM calls "222"  
1254 UTC "Message" x3

3?3?44 8?141 8580 8?4?96 801?6 576(4 or 1) 78?44 5067 4387 8?4?48  
6438 8349 0140 8580

1256 UTC "Repeat" x3

1257 UTC "End of message, end of transmission."

I took a quick look in my logbook and I found 2 other messages with the same 1st-last group." [Excellent Manolis, Tnx]  
[*Re. Yr remarks on a tidy log book – you can see mine in a scan in July Short Wave Mag*].

And later in the month of July:

9450 KHz AM [27/07]  
1243UTC Carrier  
1244UTC Music intro.  
1246UTC Music stops, arab OM starts calling "222" several times.  
1247UTC "Message" x3

9150 3141 9010 3541 9801  
9121 5273 7257 9037 8208  
8398 9273 9170 9010

1248UTC "Repeat" x3

1250UTC "End of message, end of transmission".

Again the 3rd and last group are the same. Also, there is no "6".

This message was repeated on 28/07 at 1243z and heard by Manolis who also sent:

9450 kHz AM [29/07]  
1058UTC Carrier, then the familiar music.  
1102UTC Arab OM calling "555" many times.  
1105UTC "Message" x3

1519 9111 8210 1763 2838  
3079 6637 8294 7356 8589  
8210

1107UTC "Repeat" x3

1109UTC "End of message, end of transmission."

No other transmission today.

Manolis stated that the station appears not to have a strict schedule:

Two msgs from E25 on 30/07. The second was a repeat  
of Tue 27 & Wed 28 1245UTC message.

9450 kHz AM 30/07  
1146UTC Arab OM calls "730" many times.  
1149UTC "Message" x3  
5495 9501 2310 4455 0101  
6656 8860 6207 4287 6057

The 3rd and the last group now not the same.

1150UTC "Repeat" x3  
1150UTC "End of message, end of transmission" in a hurry! There was a  
background noise while the mic was open.

1243UTC Carrier.

1245UTC Music.  
1248UTC Arab OM calls "222"  
1250UTC "Message" x3

The same as 27/07 & 28/07

1253UTC "End of message, end of transmission". Carrier still stays there.  
1255UTC Carrier down. [Txn Manolis]

#### G06

We open with PoSW's comment and logs:

First Monday in the month 1900z + 2000z, alternate - usually - Thursday 1830z and following Friday 1930z schedules continue; and the "Weekend", i.e. Saturday and Sunday 2020z - or 2025z - schedule is still around but does not show up every week. AnonUK also advises us that, "The Saturday/Sunday 2020 is only on the second and third weekend each month."

#### First Monday in the Month Schedule:-

5-July-04, 1900 UTC, 11,425 KHz, "308 308 308 00000", strength S7, lower sideband well suppressed. Repeated 2000 UTC, 9,255 KHz. Similar frequencies - 11,435 and 9,265 - used in July last year.

2-Aug-04, 1900 UTC, 11,075 KHz, "308 308 308 00000", signal peaking S9, lower sideband suppressed, had the same background buzz noted on last night's 1830z + 1930z E06 transmissions. Repeated 2000 UTC, 9,120 KHz, S9+ signal. Same frequencies used in August last year.

#### Thursday 1830 UTC Schedule:-

24-June-04, 6,887 KHz, calling "842", DK/GC "657 657 39 39", same as when last heard on 10-June. Strength S8, lower sideband well suppressed, normal pitched voice and speed of delivery. Carrier was up over half an hour earlier when checked at 1756z.

8-July-04, 6,887 KHz, calling "842", DK/GC "576 576 38 38", S8 with lower sideband suppressed. Carrier was up at 1746z, called "1-2-3-4-5-6-7-8-9" in German for several minutes - but no "Null"! Ended just after 1841z with DKDK GCGC and "00000". Many loud static crashes tonight, thunderstorms not too far away!

22-July-04, 6,889 KHz, a couple of KHz higher than last time, "842" and "576 576 38 38", as on 8-July.

12-Aug-04, 6,887 KHz, has missed two weeks, was not heard on 29-July or 5-Aug. Call "842", DK/GC "657 657 41 41", S9+ signal with lower sideband well suppressed.

#### Friday 1930 UTC Schedule:-

25-June-04, 5,943 KHz, inside 49 metre broadcast band, difficult copy but at least it is between BC stations since they all operate on multiples of 5KHz so using the receiver in USB mode with a 2.5KHz filter helps to suppress the S9++ broadcaster on the LF side. Call "842" - which is the same as heard on last night's 1830z transmission, see above, but not the same as when this Friday schedule last appeared on 11-June when the call was "218". The DK and GC was the same, "657 657 39 39".

9-July-04, 5,943 KHz, same frequency as when last heard on 25-June and the call has reverted to "218", DK/GC "576 576 38 38", same as in June. Usual problems from the broadcasters.

23-July-04, 5,936 KHz tonight, a bit clearer with regard to BC QRM than the more usual 5,943 KHz. "218" and "576 576 38 38" as on 9-July.

13-Aug-03, back to 5,943 KHz and severe BC QRM, the worst ever copy for this Friday G06 schedule. Just able to make out the call of "218" but unable to confirm the DK/GC although no doubt it was the same as last night's 1830z transmission.

#### "Weekend", i.e. Saturday and Sunday Schedule:-

10-July-04, Saturday:- 2025 UTC, 10,875 KHz, calling "178", DK/GC "346 346 159 159". Was heard on a couple of weekends in June with the same message although when last logged on 19th and 20th of June was on 12,210 KHz on the Saturday and 10,875 on the Sunday. Interestingly, today a strong carrier was up at 2002z on 12,210 KHz but it vanished at 2010z and a carrier was then noted on 10,875 at around 2012z. Strong, S9+ signal, lower sideband well suppressed, ended around 2056z with the usual DKDK GCGC and 5 x "Null".

11-July-04, Sunday:- 2020 UTC, 12,210 KHz, the Saturday and Sunday Frequencies and start times transposed from when last heard on 19/20 June, repeat of "178" and "346 346 159 159".

17-July-04, Saturday:- 2025 UTC, 10,875 KHz, "178" and "346 346 159 159", same as last Saturday, S9+ signal with lower sideband well suppressed.

18-July-04, Sunday:- 2020 UTC, 12,210 KHz, a "Next Day" repeat, carrier came up just before 2008z with a single spoken "Eins sieben acht" at 2010.

14-Aug-04, Saturday:- 2020 UTC, 12,210 KHz, calling "178" as in June and July, but the message has changed:- "493 493 108 108". Carrier noted 2007z and something was heard which has been noted several times in the past on pre-transmission carriers from related E06 and S06 stations namely the piano chord sound made by a PC running Windows 95 when an error is made, heard distinctly twice in rapid succession just before 2010z.

15-Aug-04, Sunday:- 2020 UTC, 12,210 KHz, a next day repeat of "178" and "493 493 108 108", the same frequency and start time used on both days, unlike in July.

21-Aug-04, Saturday:- 2020 UTC, 12,210 KHz, Saturday G06 again, call "178", DK/GC "493 493 108 108", same as last week and there should be a repeat tomorrow. It looks as if the pattern which is starting to emerge with this weekend schedule is the second and third Saturday + Sundays in the month.

22-Aug-04, Sunday:- 2025 UTC - five minutes later for the next day repeat and on 10,875 KHz, not 12,210. The rule seems to be that if 10,875 is used the start-up time is always 2025z instead of 2020. Since this frequency was last used in mid-July a cluster of CW Single Letter Transmissions has appeared on 10,871 point something; there was already a weak "S" on this frequency but this has been joined by a slightly stronger "D" and a much stronger "P", close enough to 10,875 to be a nuisance if the receiver is used in wide AM selectivity mode.[Txn PoSW].

Moving onto the other logs:

July:

5936kHz 1939z 23/07[in progress]HFD  
6887kHz 1830z 08/07[842 slow zeros]AF  
6889kHz 1930z 21/07[842 576 38 73252 65419 etc]RNGB  
9255kHz 2000z 05/07[308 00000]RNGB  
10875kHz 2025z 10/07[178 346 346 159 159]PoSW  
11425kHz 1900z 05/07[308.0] Jochen  
12210kHz 2020z 11/07[178 346 346 159 159]PoSW

For August:

5934kHz 1930z FRIDAY SCHEDULE  
6834kHz 2200z 21/08[531 531 531 00000]Danielde  
6887kHz 1830z 12/08[842 657 657 41 41] THURS SCHEDULE [every two weeks] AnonUK  
1830z 26/08[Message repeat of 12/08] AnonUK  
9120kHz 2000z 02/08[null 308]Gert, HFD & AF  
11075kHz 1900z 02/08[308:0]HFD & AF

A suggestion was made by both AnonUK and Gert that weekend transmissions may occur. As a result like both AnonUK and Gert, PLondon also listened, but to no avail.

AnonUK later posted an historical and interesting piece:

"Regarding the G06 I reported to you at the weekend, looking back through all the NLs, I have found some other G06 logs which may be the same. I have also looked in the old Enigma, but information in them is very sparse and not much use.

These are the ones I found:

17 March 2001 2125 7770  
21 April 2002 2020 10860 Sunday  
11 August 2002 2020 11595 Sunday  
15 November 2002 1920 4792  
13 December 2002 1920 4792  
15 June 2003 2020 13380  
22 June 2003 2020 13380 Sunday  
10 July 2003 2020 13830  
10 August 2003 2020 11435  
17 August 2003 2020 13830  
21 September 2003 2020 9375 Sunday  
14 December 2003 2120 6790 Sunday  
12 June 2004 2020 12210  
13 June 2004 2020 12210 Sunday  
19 June 2004 2020 12210  
20 June 2004 2025 10875

Sunday marked, others on Saturday. So it does not seem to have any frequency pattern, except keeping the same frequency for several months, just worth a look round each Saturday and Sunday." [Tnx AnonUK]

G22

6682kHz 2200z 15/07[186-nr252gr20=33621]Gert and E, who found it distorted.  
5937kHz 2200z 05/08[186-nr253gr21=34444]Gert  
2200z 19/08[as a repeat of that above – LSB]Gert

Slavic Stations

Once again DoK offers his definitive chart with updates:

Chart 14

M10, S10d and S17c Listings as at 31<sup>st</sup> August 2004 [Includes M10e]

Compiled by Slavic Desk

Freq kHz	Freq //	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Activity Designation
8175	9986		S0150	S0150					ALT
4836	7380							0210	R
3810	5861		0400	0400		0400			R
6782								0410	R

4030	6758			0430					R
8175			S0450			S0450			R
6758	9166		0450	0450					R
4030	6782	0535	0535		0535			0535	R
9369	13403		S0540	S0540					
9385	11417					S0600		S0600	R
14565	15898	0615	0615	0615	0615	0615	0615	0615	R
9385								0700	R
9986	13405							S0755	R
4782					0800	0800			ALT
8175	9986				S0820	S0820			ALT
15898					0830				ALT
7475			1140	1140					ALT
8190	12295				1200	1200			ALT
6758		1250	1250	1250	1250	1250	1250	1250	R [S17c]*
7380	10923		1410	1410					R
13405						1440	1440		R
7745	9166							S1520	R
13405						1530	1530		R
4485	6763	1610	1610						ALT
4030	6801	1630	1630		1630			1630	R
5078	7745		1700	1700					ALT
5078	8175				1700	1700			ALT
8175	13405			1720		1720			R
8190	12295						1720		R
Freq kHz	Freq //	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Activity Designation
8190	13502		S1740	S1740					R
5945		1800				1800			R
5076	8190		1820	1820					ALT
9986					S1820	S1820			ALT
14978					1840	1840			ALT
13405	14445			S1855	S1855				ALT
5076	8143				1900	1900			
8143	12226	1920	1920						

8190			1940	1940		ALT
9386			1950	1950	1950	R
4485		S2020		S2020		R
8175	9986	S2050	S2050			R
3810	5735		2100	2100		R
7475	9166			S2130	S2130	R
5945	9166		2200	2200		R
9369			2200	2200		R
5019			0900	0900	0900	M10e

All frequencies stated  $\pm$  2kHz

Times prefixed 'S' designate S10d

Activity designations:

- R: Regular transmissions on the day and time shown.
- ALT: Regular transmissions on the day and time shown, but on alternate weeks.
- BLANK: These schedules under review; to be confirmed later.

Chart 14 supercedes and replaces Chart 13. Although only slight changes, the finding of the 1855z schedules by AnonUK and the Thursday sending of M10e are reflected within this chart.

Readers who follow this chart will know that I attempt to be as accurate as possible although I allow some tolerance, hence  $\pm$  2kHz. With this in mind it will be noticed that from time to time, lists of freqs appear in the newsletter. These should be checked against the current chart. Some of these frequencies are what can be termed archival and are not currently used, as well as being outside my  $\pm$  2kHz tolerance, checked against three digital and two calibrated analogue receivers.

A major change is expected from 1<sup>st</sup> September 2004, in keeping with that of 2003. [ Newsletter 19 Page 17].

Several alternate week schedules have been active week ending 28/08 and may be informing of the expected forthcoming changes.

*Early indications are that Chart 7, as amended, illustrates the schedules in operation from 01/09. However it should be borne in mind that a number of current schedules do not appear on that chart. We hope to post an amended chart to group by the end of the month.*

**\*FROM 1<sup>st</sup> SEPTEMBER: Freqs 5301//8190kHz**

[Tnx DoK]  
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S06

A chart, compiled by Gert and utilising results and tabulations offered by AnonUK and RRGB illustrates S06 yearly useage.

[Thanks to all involved]

Gert reminds us to Note that the Monday 08.00/08.10 schedule has moved to Tuesday. Another interesting note is S06 Wednesday 21.00, which changed to E06.

S06 Regular skeds.

Yearly frequency usage ?

Year: 2003/2004

		2004	2004	2004	2003	long/ short 0
Day	time (utc)	june	july	aug	sept	
mon	06.00	7545	7545	7545	7620	slow
mon	06.10	8220	8220	8220		slow
mon wk2,4	08.00	14373	14373	moved tue		slow
mon wk2,4	08.10	12935	12935	moved tue		slow
mon	12.00	10230	10230	10230		slow
mon	12.10	12165	12165	12165		slow

mon	20.15	14520	13480		10670	
mon	21.15	12190	11460			
mon	22.15					
mon	22.30					
tue	07.00					
tue	07.15	6780	6780	6780		slow
tue	08.00			14373		
tue	08.10			12935		
tue	08.00	7245	7245	7245		slow
tue	08.10	9670	9670	9670		
tue E06	11.00			16332		
tue	14.00	15820	14860	15810		fast
tue	15.00	13890	12210	13930		fast
tue	16.30	16240	16310	16270		
tue	17.30	13940	13890	13880		fast
tue	18.00	7349		7335		
tue	18.00	5745	5745	5745	5679	slow
tue	18.10					
tue	18.50	11420	10410	8080/10220	10170	fast
tue	19.00	7608	6923	6923	5762	fast
tue	19.10					
tue	19.50	9310	8140	8080		fast
tue	19.50	12210				
tue	20.00			12190 E06		
tue	20.15		7654	12210		
tue	21.00	10180			6860	
wed	07.00	14580	14580	14580	13420	
wed	07.10	16020	16020	16020	15370	
wed	08.40	10120		10120		slow
wed	08.50	9670				slow
wed	12.30					
wed	12.40	9110				
wed E06	14.00	14743	14865	13385/14537		
wed	14.30					
wed E06	15.00	12210	12193	12218		
wed	15.30			12170		
wed	17.30		13890			
		2004	2004	2004	2003	long/ short 0
Day	time (utc)	june	july	aug	sept	
wed	19.50	9310	9310			fast
wed	20.10					
wed	21.00	11480		E06, 10236		
wed	22.00	9320	9080			
thu E06	06.00		15815	14920		fast
thu	10.00	10175	10175	10175		slow
thu	10.10	12215	12215	12215		slow
thu E06	12.00			12153		fast
thu	14.00	9255	9255	9255		
thu	14.10	7630				

thu	16.00	10410	10410	10410		
thu	16.10		9690	9690		
thu	17.00	6666	6666	6666		
thu	17.10	7744	7744	7744		
thu	20.30				8175	
fri E06	06.00			14920		
fri	06.00	7845	7845	7845		slow
fri	06.10	9125	9125	9125		slow
fri	08.10					
fri	09.30	10290	10290	10290		
fri	09.40	9655	9655	9655		slow
sat E06	14.00					
sat E06	15.00					
sat	16.00					fast
sat	16.00					
sat	17.00	13940	13890	13920		
sat	17.00	11450	11150		12200	fast
sat	18.00	11120	11060		10210	fast
sat	19.00	7682	6781	6782		
sat	20.00			12090		
sun E06	14.00					
sun E06	15.00					
sun	17.00	6997				
sun E06	18.30	11470	10353	10190		fast
sun E06	19.30	9272	8029	8170		fast

Last row = ending. 00000 = fast 0 0 0 0 0 = slow  
 ©Gert 24<sup>th</sup> August 2004

Now onto the logs:

After lots of message activity it appears that S06 may be returning to some Null schedules [TnxAnonUK].

We start with RNGB's July S06 log, suggesting the change to null message format.

1st July	1600	10410	'425' 908 6 28245 28842 etc
	1610	9690	'425' repeat
	1700	6666	'537' 910 6 92749 64644 etc
	1710	7744	'537' repeat
5th	0600	7545	'967' 401 5 85563 54531 etc
	0610	8220	'967' repeat
	0800	14373`	'852' 904 5 36419 96445 etc
	0810	12935	'852' repeat
	1200	10230	'831' 490 5 22410 50001 etc
	1210	12165	'831' repeat
6th	0715	6780	'374' 502 6 85294 41877 etc
	0800	7245	'418' 260 5 47805 05404 etc
	0810	9670	'418' repeat
	1400	14860	'493' 00000
	1500	12210	'493' 00000
	1630	16310	'758' 349 65 73477 17065 etc
	1730	13890	'758' repeat
	1800	5745	'624' 971 5 21158 etc
	1850	10410	'254' 00000

	1900	6923	'403' 00000	
	1950	8140	'254' 00000	
13th	0715	6780	'374' 502 6 85294 etc	
	1800	5745	'624' 971 5 21158 etc	
14th	0700	14580	'729' 468 5 21254 59525 etc	
	0710	16020	'729' repeat	
	1400	14860	'493' 602 173 etc	
	1500	12210	'493' repeat	
15th	1400	9255	'314' 00000	
	1600	10410	'425' 00000	
24th	1700	11150	'724' 00000	
	1700	13890	'208' 937 114 49482 etc	<i>also heard by H-FD</i>
	1800	11060	'208' repeat	
26th	2015	13480	'692' 00000	
	2115	11460	'692' repeat	

[TxnRNGB]

Followed by AnonUK, Gert and HFD's July logs:

5745kHz 1800z	27/07[624:0]HFD
6666kHz 1700z	08/07[537 rpt sending]AnonUK
6780kHz 0715z	06/07[374 502 502 6 6 85297 41877 44858 93523 24154 45816]AnonUK
6923kHz 1900z	20/07[null 403]Gert
7245kHz 0800z	06/07[418 260 260 5 5 47805 05401 94425 54421 68848]AnonUK
0800z	20/07[418 00000]Gert
7845kHz 0600z	09/07[196 rpt sending]AnonUK
9125kHz 0610z	09/07[196 rpt sending]AnonUK
9250kHz 1400z	29/07[null 314]Gert
9255kHz 1400z	08/07[314 rpt sending]AnonUK
9655kHz 0940z	09/07[843 571 571 6 6 12649 59775 11241 41852 84835 21461]AnonUK
9670kHz 0810z	06/07[418 260 260 5 5 47805 05401 94425 54421 68848]AnonUK
10175kHz 1000z	29/07[null 895]Gert
10230kHz 1200z	05/07[831 490 490 5 5 22410 50001 22476 43025 37105]AnonUK
1200z	26/07[null 831]Gert
10290kHz 0930z	09/07[843 571 571 6 6 12649 59775 11241 41852 84835 21461]AnonUK
10410kHz 1840z	20/07[null 254]Gert
11060kHz 1800z	10/07[208 459 459 127 127]AnonUK
11462kHz 2115z	26/07[null 692]Gert
12165kHz 1210z	05/07[831 490 490 5 5 22410 50001 22476 43025 37105]AnonUK
12210kHz 1500z	06/07[493 x3 00000]AnonUK
12935kHz 0810z	05/07[852 904 904 5 5 36419 96445 59885 21854 75641]AnonUK
13480kHz 2017z	12/07[null 692 - carrier up/down after]E
2015z	26/07[null 692]Gert
13890kHz 1730z	06/07[758 349 349 65 65]AnonUK
1730z	07/07[758 349 349 65 65]AnonUK
1700z	10/07[208 459 459 127 127]AnonUK
14373kHz 0800z	05/07[852 904 904 5 5 36419 96445 59885 21854 75641]AnonUK
14580kHz 0700z	07/07[729 486 486 5 5 21254 59525 59536 82155 54735]AnonUK
0700z	28/07[729:0]HFD
14860.5 1400z	06/07[493 x3 00000]AnonUK
16020kHz 0710z	07/07[729 486 486 5 5 21254 59525 59536 82155 54735]AnonUK

August logs:

5745kHz 1800z	03/08[id 624]Gert
6780kHz 0717z	03/08[374-892/5 =82658]Gert
6782kHz 1900z	07/08[null 469]Gert
7245kHz 0800z	03/08[418-276/5=98524]Gert
7845kHz 0600z	05/08[196-837/5=06856]Gert
8080kHz 1850z	03/08[null 254]Gert
10175kHz 1000z	05/08[895-217/6=39511]Gert
12210kHz 2015z	10/08[ poor audio 8n0 ] JoA, PLondon
13880kHz 1730z	03/06[null 980]Gert
13920kHz 1800z	14/08[635-387/102=72036]HFD
13930kHz 1500z	03/08[null 493]Gert
15810kHz 1400z	03/08[null 493]Gert

S06 Schedules from AnonUK

AnonUK credits Gert and HFD for their input

E06 in BLUE

S06 Day	Skeds time	2004 Jul	2004 Aug	2004 Sep	04 IDJ	2004 IDA	2004 IDS
mon	06.00	7545	7545		967	967	
mon	06.10	8220	8220		967	967	
mon	08.00	14373	14373		852		
mon	08.10	12935	12935		852		
mon	12.00	10230	10230			831	
mon	12.10	12165	12165		831	831	
mon	20.15						
tue	07.00						
tue	07.15	6870	6780		374	374	
tue	08.00	7245	7245		418	418	
tue	08.10	9670	9670		418	418	
tue	08.00		14373				
tue	08.10		12935				
tue	14.00	14860	15810		493	493	
tue	15.00	12210	13930		493	493	
tue	16.30	16310	16270			980	
tue	17.30	13890	13860		758	980	
tue	18.00						
tue	18.00						
tue	18.10						
tue	18.50	10410	10220			254	
tue	19.00	6923	6923			403	
tue	19.50	8140	8080			254	
tue	20.00						
tue	20.15		10750				
wed	07.00	14580	14580		729	729	
wed	07.10	16020	16020		729	729	
wed	08.40						
wed	08.50						
wed	12.00						
wed	12.30						
wed	12.40						
wed	14.00		13358			457	
wed	14.00		14537				
wed	15.00		11120			457	
wed	15.00		12218				
wed	15.30		12170			158	
wed	17.30	13890			758		
wed	18.00						
wed	18.00						
wed	19.50	9310					
wed	20.00						
wed	21.00		10236			801	
thu	10.00	10175	10175		895	895	
S06	Skeds	2004	2004	2004	04	2004	2004
thu	10.10	12215	12245		895	895	
thu	12.00	12153				971	
thu	14.00	9255			314		
thu	15.00						
thu	16.00	10410	10410			425	
thu	16.10	9690	9690			425	
thu	17.00	6666	6666		537	537	
thu	17.10	7744	7744		537	537	
thu	17.10						
S06	Skeds	2004	2004	2004	04	2004	2004
thu	21.00						
fri	06.00	14920					
fri	06.00	7845	7845		196	196	
fri	06.10	9125	9125		196	196	
fri	07.00						

fri	07.10				
fri	08.10				
fri	09.30	10290	10290	843	843
fri	09.40	9655	9655	843	843
sat	08.00				
sat	08.10				
sat	16.00				
sat	17.00	13890	13920	208	635
sat	17.00				
sat	18.00	11060	11150	208	635
sat	19.00	6781	6782	469	469
sat	21.00		12090		953
sun	18.30		10910		
sun	19.30		8170		

**E06 in BLUE**

©AnonUK August 2004

S06c : NIL REPORT

S10d

RNGB's logs prove DoK's chart works:

11416kHz 0600z 15/07[555 357 22 357 14 22 Pozor 65242 etc] // 9385 RNGB  
 13405kHz 0555z 05/07[ in prog] RNGB

As do HFD's

4485kHz 2020z 26/07[555:322-19/35=19954]HFD  
 7745kHz 1520z 24/07[555:467-64/27=04703]HFD  
 8175kHz 2050z 25/07[555:402-27/76=04703]HFD  
 9985kHz 0755z 31/07[555:336-17/17=86001]HFD

PoSW writes in depth on S10d,

S10d schedules, at least those to which I am able to listen, have remained unchanged throughout June, July and August although if the pattern of activity noted last year is followed there will be a move to (mostly) lower frequencies in September. So nothing much new to report, current schedules listed below with a few observations:-

Monday and Tuesday 0540 UTC, 9,369 // 13,405 KHz, a two-message transmission, 9,369 KHz sometimes suffers QRM from a broadcast station and 13,405 is usually a very weak signal. I must confess I had forgotten all about this transmission until I saw it listed in Chart 13 compiled by the Slavic Desk in E2k 23!

Monday and Tuesday 1740 UTC, 8,190 // 13,502 KHz, comes up with the same two-message format as heard at 0540z. 8,190 KHz is usually an S9 signal, 13,502 much weaker.

Thursday and Saturday 0600 UTC, 9,385 // 11,416 KHz, 9,385 KHz is in the 31 metre band and sometimes suffers from BC QRM and 11,416 is often so weak in the UK as to be only just detectable. S10d transmissions, like several other number stations, are transmitted in a modified form of amplitude modulation with full carrier but with the lower sideband suppressed which means that reception is possible with an AM receiver although using USB mode and tuning the carrier for zero beat gives even better intelligibility. However, on Thursday 15-July both frequencies were noted with greatly reduced levels of carrier, indeed, the carrier on 11,416 appeared to be totally suppressed although 9,385 seemed to have a very slight trace of carrier. This meant that copy was only possible by using the receiver in USB mode.

Thursday and Saturday 2130 UTC, 7,475 // 9,165 KHz, has the same 5Fs as heard from the 0600z transmission. 7,475 KHz is inside a broadcast band and is always flattened by an S9++ BC station, the Voice of Greece in the Greek language, I think. 9,165 is usually a strong, clear signal. On Saturday 21-Aug 9,165 KHz came on with the carrier fully suppressed, as described above, which meant it could only be copied with the receiver in USB mode.

Sunday and Tuesday 2050 UTC, 8,175 // 9,985 KHz, 8,175 is usually a strong signal; there used to be an S9+ "XJT" roaring away on the LF side of this frequency but it vanished in early July and so far has not returned. 9,985 is usually a much weaker signal and often suffers interference from a broadcast station since it is located inside the 31 metre band. This schedule has been known to send messages with much higher group counts than the usual S10d; GCs in the fifties, sixties and on one occasion in the seventies have been noted earlier in the year but recent months group counts have been in the twenties and thirties.

Saturday 1520 UTC, 7,745 // 9,165 KHz, usually a reasonable signal on both frequencies.[Tnx PoSW]

S11a Cherta

4783kHz 0500z 22/07[971/00]AF  
 0500z 05/08[972/00]AF  
 5358kHz 2100z 21/07[971/00]AF  
 2100z 04/08[971/00]Gert  
 2100z 18/08[971/00]Danielde

**S17C FROM 1<sup>st</sup> SEPTEMBER: Freqs 5301//8190kHz**

Majority from AF, rest HFD for the 5 number group heard on 6758kHz at 1250z to 1257z

05/07 59034; 06/07 60044; 07/07 55048; 09/07 60031; 11/07 59033; 13/07 60033; 14/07 68052; 15/07 70034; 20/07 72033  
21/07 58038; 22/07 71034; 23/07 45033; 24/07 47036; 25/07 67034; 26/07 60058; 27/07 70041; 29/07 57032; 30/07 63040  
31/07 52034

09/08 60033; 10/08 61032; 11/08 69033; 12/08 53053; 13/08 57033; 14/08 58033; 15/08 39044; 16/08 61033; 17/08 73033;  
18/08 61032; 19/08 67036; 20/08 76042; 21/08 67033; 22/08 76033; 23/08 70034; 24/08 58037; 25/08 66033; 26/08 67032;  
27/08 75034; 29/08 63032; 30/08 76035; 31/08 56031 [*last confirmed by DoK*]

Conditions for S17c have been reported as difficult – mainly weak with TTY interference. The tty is particularly bad in Great Britain as it is thought to originate from our shores.

**S21**

4973kHz 1742z 31/08 poor reception AF

**Spanish Number stations**

Before we move onto the logs proper, PoSW writes, "The V02 Spanish YL remains much as usual during July; one new transmission was noted on Sundays at 0700z, 0700z on 8132kHz. This was a short format variant starting with a single 5F, or rather 3+2 because there was a distinct pause between the 3<sup>rd</sup> and 4<sup>th</sup> figures. There used to be several transmissions of this type on Sunday mornings UK time but this was the first I had logged for many months.

PoSW's 31<sup>st</sup> July log, leading into August V02a log. [Bear in mind Peter's earlier words concerning the apparent loss of sendings from our Cuban Senorita, then read Ary's in 'Hurricane effect?']:

31-July-04, Saturday;- 0559 and 15 seconds UTC - started threequarters of a minute early! - 8,097 KHz, "Atencion, 98593 95093 72782", signal strength S7.

0700 UTC, 9,153 KHz, "98593 95093 72782", as heard earlier, strength S5. Must have also started early, the call-up was in progress when tuned in at exactly 0700z and the 5Fs started around 0702 and 35 seconds.

4-Aug-04, Wednesday;- 0600 UTC, 8,010 KHz "Atencion, 87863 72783 60502" (??), difficult copy due to severe FSK QRM. 0604 UTC, 9,331 KHz, transmission in progress, weak signal.

6-Aug-04, Friday;- call-up in progress when tuned in just before 0600 UTC, 8,010 KHz, "Atencion, 96132 80851 70931", strong enough this morning to over-ride the FSK station on this frequency.

0606 UTC, 9,323 KHz, transmission in progress, weak signal with distorted audio.

7-Aug-04, Saturday;- 0621 UTC, 8,097 KHz, transmission in progress, S8 signal but QRM heterodyne from a carrier a few KHz lower. 0700 UTC minus 30 seconds, another early start, 9,153 KHz, "Atencion, 96133 95094 72784", S5 at best.

13-Aug-04, Friday;- no sign of either of the V02 schedules which usually start at 0600z on 8,010 and 9,323 KHz.

14-Aug-04, Saturday;- again, no sign of today's expected Cuban YL schedules, at 0600z, 8,097 KHz and 0700z, 9,153 KHz.

18-Aug-04, Wednesday -; there is a dramatic drop in V02 activity; no sign of the long-standing Wednesday 0600z schedules on 8,010 and 9,331 KHz.

19-Aug-04;- and no sign of the Thursday schedule on 8,097 KHz.

20-Aug-04, Friday, 0605 UTC, 9,323 KHz, at last, some V02 activity; first one found for well over a week! Transmission in progress, weak but clear signal; but nothing heard of the other V02 schedule normally active at this time on 8,010 KHz,

21-Aug-04, Saturday;- again, no sign of the once regular Saturday schedules, i.e 0600z, 8,097 KHz and 0700z, 9,153 KHz.

22-Aug-04, Sunday;- 0700 UTC, 8,132 KHz, surprised to find this Sunday morning transmission still on; was heard in July but not heard on previous Sundays in August. Very weak signal, unreadable except for a half a minute or so during the call-up when it emerged from the noise just long enough to hear "Atencion, 445.....62".

25-Aug-04, Wednesday;- 0601 UTC, 9,331 KHz, one of the few known V02 schedules to turn up these days, carrier noted just before the hour but transmission did not start until approx. 0601z. "Atencion, 25512 57892 03942", weak signal but no QRM, sounded distorted in AM mode but much clearer in either LSB or USB. No sign of the other V02 schedule which for a long time has started at 0600z on a Wednesday, 8,010 KHz.

**Hurricane effect?**

However in Group message number 3643 Ary made reference to information received by him that Hurricane Charley may have downed some of Cuba's equipment and caused a noticeable reduction in transmissions. American monitors confirmed that reduction but DoK heard a weak but readable V02a transmission prior to the 0600z sending on 9236kHz.. DoK did not have time to effect a bearing due to his system being pre-booked for XP, AnonUK agreed with the general view concerning the reduction in monitored transmissions.

**V02**

9153kHz 0707z 31/07 E

**V02a**

7887kHz 0900z 08/08[in progress, pause after every 10th group, 300+ groups sent, 3 finales ending] MSlatenUS  
8011kHz 0600z 07/07[call missed]AnonUK  
8097kHz 0600z 08/07[Atencion 01554 75324 13473]AnonUK  
9063kHz 0700z 08/07[Atencion – rest unreadable heavy RTTY QRM]AnonUK  
9323kHz 0600z 05/07[Atencion 44022 40572 52272]AnonUK

0600z 09/07[Attencion 00701 23891 19691]AnonUK  
 9331kHz 0600z 05/07[Attencion 15873 33763 88773]AnonUK  
 11566kHz 1300z 08/08[ID 48341 48531 72541 (YL/SS)]MSlatenUS  
 12121kHz 0130z 13/07[poor sigs with QSB and rtty adj]Danielde

V07

13837kHz 0600z 01/07[893:0]HFD  
 0600z 06/07[896 x3 000]AnonUK  
 0600z 08/07[896 x3 000]AnonUK

Gert confirmed the August V07, "I would also like to confirm the V07 freqs, which are the same as last month: Tue/Thu 0600 /06 20z on 13837 & 14937kHz

The third freq not heard yet.[Txn Gert].

In his weekly report, dated 21/08, to E2k AnonUK remarked that with all these null messages from V07 their agents cannot be busy! [Probably on a sabbatical somewhere]!

From AF:

13837kHz 0600z 03/08[null]AF  
 0600z 10/08[8?? 000]AF  
 0600z 17/08[8?? 000]AF  
 0600z 24/08[8?? 000]AF  
 14937kHz 0620z 03/08[null]AF  
 0620z 05/08[8?? 000]AF  
 0620z 10/08[8?? 000]AF  
 0620z 12/08[8?? 000]AF  
 0620z 17/08[8?? 000]AF  
 0620z 19/08[8?? 000]AF  
 0620z 24/08[8?? 000]AF  
 0620z 26/08[8?? 000]AF

POLYTONES

E: The points that you raise concerning three tones is correct; you will hear the carrier rise usually 8 mins before a transmission and occasionally with tones as you report. Full details of tones used by Polytones are listed in ENIGMA Control List [no 20], however here are the tones shown for each system:

XP: 303=space, 319=end, 495=start, 511=repeat, 335=0, 351=1, 367=2, 383=3, 399=4, 415=5, 431=6, 447=7, 463=8, 479=9.

XPA: 471=StL, 515=unid, 520=unid, 592=space, 633=EndL, 654=unid, 672=0, 708=unid, 711=1, 755=2, 796=3, 839=4, 881=5, 922=6, 963=7, 988=unid, 1000=8, 1010=unid, 1020=unid, 1045=9, 1060=unid, 1086=unid, 1110=rpt, 1126=EndH, 1145=StH. There are further tones for XPA listed in the ENIGMA Control List

XPH: 1304=space, 1271=separator, 992=repeat, 1234=0, 814=1, 844=2, 879=3, 914=4, 954=4, 1038=6, 1089=7, 1143=8, 1202=9.

XPL: It would appear that the low tones are the product of mixing 2 non-harmonically related tones, analysis not yet completed but tone pairs identified (Hz +-3Hz),  
 tone product in parenthesis:- 150/235[80], 165/255[90], 180/245[65], 205/260[55], 215/290[75]Hz

XPM: 450, 488, 531, 568, 611, 649\*, 692, 730, 773\*, 811\*, 854\*, 891, 934, 972, 1015, 1058\*, 1096\*, 1177\*

Now onto XP message info, following on with logs, from PLondon, JoA, RRGB, AnonUK and others;

There appeared to be changes afoot in the XP[1] schedule. The last full message on this schedule, ID194, was 01802/00227 and sent on the 8<sup>th</sup> April. It was a repeat of that sent on 06/04. The next transmission on 13<sup>th</sup> April was a null message 000, a condition that remained unchanged until the end of the month. Again, in May the ID changed to ID545 as did the messages, 000. Maintaining the same freqs as May the June ID remained 545 for the 000 transmissions for that month.

Under the ID820 July's XP[1] transmissions retained the 000 format until the last null message on 15/07. Interested parties searched for transmissions on other freqs without success on 20/07 when the station was discovered to be NRH\*, a situation that remains unchanged to date. [\*Nil Required Heard].

The evening schedule used to start at 2010/2110z so it is worth looking at those times also to see if a time change has occurred, much as it did a few years back. However read on:

It is interesting to note that evening schedules 1,2 and 3 have apparently now gone. The more eagle eyed of you will have noticed that Sch 2 & 3 only used a 50<sup>th</sup> group tally mark [formed by sending the space tone for a longer period]. Schedule 1 did not use the tally mark but like schedules 2 & 3 repeated messages from one sending to another. The morning schedule at the same time was not prone to repeating messages and like evening schedule 1 did not use the tally mark.

As stated above and certainly remarked on E2k there appears to be no Sch 1, 2 or 3 evening schedules now.

It is now noticed that the morning schedule appears to have begun regular repeats of message. The repeats of 23/27 July do not particularly suggest regularity but the repeated messages of 3 & 6 August [05931/00183] and 10 & 13 August [06824/00161] when coupled with the null messages of 17 and 18 August suggest a change. Prior to this three null messages were sent in May, one in June and two in July.

Does the coupling of messages by repeat suggest that the remaining monitored XP schedule is going the same way as Schs 1,2 & 3 and has taken over the task of Sch 1 whilst dropping that of the morning schedule? One factor remains and that is of frequency. The freqs being used are being selected for each month. Prior to our losing Sch 1,2 & 3 the freqs seemed to be those previously recorded.

AnonUK has always said that M12 is the Morse equivalent for XP but the control list states M78 as a possible. AnonUK stated in a report that M12 traffic has increased greatly; he too noted that XP activity had diminished.

A look at just 2 sendings of M12 illustrates at least some similarity:

10343kHz 1800z 20/08[124 2398 108]PLondon repeated 1820z 9164kHz, 1840z 7849kHz

13425kHz 1900z 20/08[564 7504 21]PLondon repeated 1920z 12206kHz, 1940z 10614kHz

Although the ident in both examples was not generated by the 100kHz value of each freq used the message 'run up' was exactly as XP [1800z as sample]:

124 124 124 1 rptd  
 A pause  
 2398 108 2398 108  
 then 108 groups [hand counted!]  
 End 000 000

Using the 3rd August 0600z XP :  
 225 225 225 1 rptd  
 A pause  
 05931 00183  
 then 183 groups  
 End with alternate tones, each 10 times.

Not a complete mirror but certainly food for thought. [Tnxs for your help AnonUK]. Before anyone suggests that the ident is nothing like that used by XP, April 2004 saw the interception of the '474' net, as found by AnonUK and RNGB. It was termed '474' because that was the id whilst the freqs used did not in any way relate to the figures 474. [see Page 31 Issue 22]. This had occurred before, in the February 04 morning schedule when the expected 818 was actually 833 [page 21 Issue 21 refers]. It was thought to be a mistake, but was it, and why had the message repeats started to appear in that schedule too?

XP Daily Log [Insert M for message, N for Null message, add 'o' if from other source. Underscore indicates 50<sup>th</sup> tally mark].  
 MONTH: July2004

	<u>AM</u>	<u>Sch1</u>
1.	0600z 9317	2000z 13807
2.	0620z 10917	2020z 12211
3.	0640z 12117	2040z 11075
	<u>ID391</u>	<u>ID820</u>
01		N
02	N	
03		
04[Sun]		
05		
06	07351/00119	N
07		
08		N
09	00974/00121	
10		
11[Sun]		
12		
13	N	N
14		
15		N
16	00751/00159	

17

18[Sun]

19

20 07346/00175[JoA] NRH

21

22 NRH

23 00178/00195

24

25[Sun]

26

27 00178/00195 NRH

28

29 NRH

30 00158/00209

31

0640z 06/07 3<sup>rd</sup> freq found by WINOP [Wincyyette Intercept Office, Polytone]! 2020z heard by HFD.  
 0640z 16/07 problems with sending. Brief LoS 26.7 & 35.9s with no effect but at 38.4s a 17.43s glitch that caused loss of part of intro: 391 391 391  
 1 391 391 391 1 391 391 391 \_\_\_\_\_ 391 391 1 391 391 391 1 391 391 391 1 391 391 391 1 391 391 391 1  
 20/07 obs by JoA, noticed that 2000z series remained NRH. Not heard via PLondon's auto system either.  
 22/07 2000z remains NRH.  
 0600z 23/07 very poor at PLondon's QTH, better at JoA's - lots of static reported. Likewise 27/06 0600/0620z 0640z best 0620z HFD too  
 0600z 30/07 excellent sigs.  
 PoSW reported by letter that he felt that XP[1] had ceased transmission too, finding no trace on 21<sup>st</sup> July like JoA and PLondon.

XP Daily Log [Insert M for message, N for Null message, add 'o' if from other source. Underscore indicates 50<sup>th</sup> tally mark].  
 MONTH: August2004

	AM	Sch1	XPB
1.	0600z 9236	2000z 13953	1435z 14837
2.	0620z 10236	2020z 12176	
3.	0640z 11536	2040z 10734	
	<u>ID225</u>		<u>ID613</u>

01[Sun]

02

03 05931/00183 NRH

04

05 NRH

06 05931/00183

07

08[Sun]



1	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
1	wed	07.00 / 07.10	S06	Russian man 00000	13420 / 15370
1	wed	14.00 / 15.00	E06	English man 00000	search, aug freqs 14537 / 12218
1	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
1	wed	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
1	wed	21.00	S11a	Cherta	5180 or 5358
1	wed	21.00 - 23.00	E18	Five Free	inactive but try, search
2	thu	05.00	S11a	Cherta	4783 or search
2	thu	05.00 / 06.00	E06	English man 00000	search, aug freqs ???? / 14920
2	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
2	thu	08.00	E17z	English lady 00000	lost, last heard on 11170, inactive ??
2	thu	08.00	E11	Oblique	7763
2	thu	17.42	S21	Russian lady 00000	4454 4854
2	thu	18.30	G06	German lady 00000	10875
2	thu	20.00 / 20.30	G04	Three note oddity	inactive but try, search
2	thu	20.10 / 30 / 50	E07	English man 000 000	10935 9442 7887
2	thu	22.00	G22	Midnight Mistress	5119 or search rpt 23.30 utc
3	fri	05.00 / 06.00	E06	English man 00000	search, aug freqs ???? / 14920
3	fri	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
3	fri	08.00	E11	Oblique	8091
3	fri	10.30	E11	Oblique	8759 or 9610 or search
3	fri	12.30	E11	Oblique	8544 or 9448 or search
3	fri	19.30	G06	German lady 00000	5442 4792 has 14 day cycle
4	sat	20.20	G06	German lady 00000	rpt on Sunday if msg
5	sun	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
5	sun	18.30 / 19.30	E06	English man 00000	search, aug freqs 10190 / 8170
6	mon	11.55	E23	Former Swed Rapsody	8188
6	mon	18.00 or 19.00	E09	Magnetic Fields	6645 6647 11290 inactive but try
6	mon	19.00	G06	German lady 00000	8170
6	mon	20.00	G06	German lady 00000	6835
6	mon	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
6	mon	21.00	S11a	Cherta	old sked, inactive, try 3825 or 4465
7	tue	22.45	S04	Edna Sednitzer	3868 or 3373 LSB not sure 1st or 2nd tue
<u>Date</u>	<u>Day</u>	<u>Time (utc)</u>	<u>TX</u>	<u>Name</u>	<u>Freq (kHz)</u>
7	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
7	tue	08.30	E11	Oblique	8544
7	tue	10.30	E11	Oblique	8759 or 9610 or search
7	tue	12.30	E11	Oblique	8544 or 9448 or search
7	tue	13.00	E11	Oblique	8800 or 9950 or search
7	tue	17.42	S21	Russian lady 00000	4454 4854
8	wed	11.55	E23	Former Swed Rapsody	8188
8	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
8	wed	07.00 / 07.10	S06	Russian man 00000	13420 / 15370
8	wed	14.00 / 15.00	E06	English man 00000	search, aug freqs 14537 / 12218
8	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
8	wed	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
8	wed	21.00 - 23.00	E18	Five Free	inactive but try, search
9	thu	11.55	E23	Former Swed Rapsody	8188
9	thu	05.00	S11a	Cherta	4783 or search
9	thu	05.00 / 06.00	E06	English man 00000	search, aug freqs ???? / 14920

9	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
9	thu	08.00	E17z	English lady 00000	lost, last heard on 11170, inactive ??
9	thu	08.00	E11	Oblique	7763
9	thu	17.42	S21	Russian lady 00000	4454 4854
9	thu	18.30	G06	German lady 00000	10875
9	thu	20.10 / 30 / 50	E07	English man 000 000	10935 9442 7887
10	fri	05.00 / 06.00	E06	English man 00000	search, aug freqs ???? / 14920
10	fri	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
10	fri	08.00	E11	Oblique	8091
10	fri	10.30	E11	Oblique	8759 or 9610 or search
10	fri	12.30	E11	Oblique	8544 or 9448 or search
10	fri	19.30	G06	German lady 00000	5442 4792 has 14 day cycle
11	sat	20.20	G06	German lady 00000	rpt on Sunday if msg
12	sun	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
12	sun	18.30 / 19.30	E06	English man 00000	search, aug freqs 10190 / 8170
13	mon	18.00 or 19.00	E09	Magnetic Fields	6645 6647 11290 inactive but try
13	mon	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
14	tue	22.45	S04	Edna Sednitzer	3868 or 3373 LSB not sure 1st or 2nd tue
14	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
14	tue	08.30	E11	Oblique	8544
14	tue	10.30	E11	Oblique	8759 or 9610 or search
14	tue	12.30	E11	Oblique	8544 or 9448 or search
14	tue	13.00	E11	Oblique	8800 or 9950 or search
14	tue	17.42	S21	Russian lady 00000	4454 4854
15	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
15	wed	07.00 / 07.10	S06	Russian man 00000	13420 / 15370
15	wed	14.00 / 15.00	E06	English man 00000	search, aug freqs 14537 / 12218
15	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
15	wed	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
15	wed	21.00	S11a	Cherta	5180 or 5358
15	wed	21.00 - 23.00	E18	Five Free	inactive but try, search
16	thu	05.00	S11a	Cherta	4783 or search
16	thu	05.00 / 06.00	E06	English man 00000	search, aug freqs ???? / 14920
<u>Date</u>	<u>Day</u>	<u>Time (utc)</u>	<u>TX</u>	<u>Name</u>	<u>Freq (kHz)</u>
16	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
16	thu	08.00	E17z	English lady 00000	lost, last heard on 11170, inactive ??
16	thu	08.00	E11	Oblique	7763
16	thu	17.42	S21	Russian lady 00000	4454 4854
16	thu	18.30	G06	German lady 00000	10875
16	thu	20.10 / 30 / 50	E07	English man 000 000	10935 9442 7887
16	thu	22.00	G22	Midnight Mistress	5119 or search rpt 23.30 utc
17	fri	05.00 / 06.00	E06	English man 00000	search, aug freqs ???? / 14920
17	fri	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
17	fri	08.00	E11	Oblique	8091
17	fri	10.30	E11	Oblique	8759 or 9610 or search
17	fri	12.30	E11	Oblique	8544 or 9448 or search
17	fri	19.30	G06	German lady 00000	5442 4792 has 14 day cycle
18	sat	20.20	G06	German lady 00000	rpt on Sunday if msg
19	sun	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
19	sun	18.30 / 19.30	E06	English man 00000	search, aug freqs 10190 / 8170

20	mon	11.55	E23	Former Swed Rapsody	8188
20	mon	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
21	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
21	tue	08.30	E11	Oblique	8544
21	tue	10.30	E11	Oblique	8759 or 9610 or search
21	tue	12.30	E11	Oblique	8544 or 9448 or search
21	tue	13.00	E11	Oblique	8800 or 9950 or search
21	tue	17.42	S21	Russian lady 00000	4454 4854
22	wed	11.55	E23	Former Swed Rapsody	8188
22	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
22	wed	07.00 / 07.10	S06	Russian man 00000	13420 / 15370
22	wed	14.00 / 15.00	E06	English man 00000	search, aug freqs 14537 / 12218
22	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
22	wed	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
22	wed	21.00 - 23.00	E18	Five Free	inactive but try, search
23	thu	11.55	E23	Former Swed Rapsody	8188
23	thu	05.00	S11a	Cherta	4783 or search
23	thu	05.00 / 06.00	E06	English man 00000	search, aug freqs ???? / 14920
23	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
23	thu	08.00	E17z	English lady 00000	lost, last heard on 11170, inactive ??
23	thu	08.00	E11	Oblique	7763
23	fri	08.00	E11	Oblique	8091
23	thu	17.42	S21	Russian lady 00000	4454 4854
23	thu	18.30	G06	German lady 00000	10875
23	thu	20.10 / 30 / 50	E07	English man 000 000	10935 9442 7887
24	fri	05.00 / 06.00	E06	English man 00000	search, aug freqs ???? / 14920
24	fri	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
24	fri	10.30	E11	Oblique	8759 or 9610 or search
24	fri	12.30	E11	Oblique	8544 or 9448 or search
24	fri	19.30	G06	German lady 00000	5442 4792 has 14 day cycle
25	sat	20.20	G06	German lady 00000	rpt on Sunday if msg
26	sun	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
26	sun	18.30 / 19.30	E06	English man 00000	search, aug freqs 10190 / 8170
<u>Date</u>	<u>Day</u>	<u>Time (utc)</u>	<u>TX</u>	<u>Name</u>	<u>Freq (kHz)</u>
27	mon	09.55	E23	Former Swed Rapsody	8188
27	mon	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
28	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
28	tue	08.30	E11	Oblique	8544
28	tue	10.30	E11	Oblique	8759 or 9610 or search
28	tue	12.30	E11	Oblique	8544 or 9448 or search
28	tue	13.00	E11	Oblique	8800 or 9950 or search
28	tue	17.42	S21	Russian lady 00000	4454 4854
29	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
29	wed	07.00 / 07.10	S06	Russian man 00000	13420 / 15370
29	wed	09.55	E23	Former Swed Rapsody	8188
29	wed	14.00 / 15.00	E06	English man 00000	search, aug freqs 14537 / 12218
29	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13388 12088 10504
29	wed	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
29	wed	21.00 - 23.00	E18	Five Free	inactive but try, search
30	thu	05.00	S11a	Cherta	4783 or search

30	thu	05.00 / 06.00	E06	English man 00000	search, aug freqs ??? / 14920
30	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
30	thu	08.00	E17z	English lady 00000	lost, last heard on 11170, inactive ??
30	thu	08.00	E11	Oblique	7763
30	thu	09.55	E23	Former Swed Rapsody	8188
30	thu	17.42	S21	Russian lady 00000	4454 4854
30	thu	18.30	G06	German lady 00000	10875
30	thu	20.10 / 30 / 50	E07	English man 000 000	10935 9442 7887

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### ODDITIES

UNID? On 06/07 Brian Rogers offered, "Strange signal on 8625 kHz monitored from 1600 UTC today, Tuesday 6 July. Strength about S3 here into Sussex. Sounds like carrier modulated with pulses, giving a laser type sound effect, interrupted by what sounds like tapping on a mike? Don't think this is CODAR, unless their modulation patterns vary." HJH also monitored and writes, "I have the same at my Bristol Channel QTH. Switched in USB and it sounds like sonar almost, and on LSB almost like a siren. My Xcorder is BLX and I'm not hard wired yet, so no sound sample." Not wishing to be left out of the loop PLondon also entered the forum and described the signal as very interesting. He discovered that far from just being almost regular pulses there was some content that varied. The tapping sounds were caused by the intentional separation of waveforms that showed a very slight 'sterile' gap between the trailing and leading edges of the waveforms. A file of findings was sent to Brian Rogers for his use should he wish to do so.

The purpose of this transmission is not yet discovered.

E wrote in with:

5177kHz 2346z 15/07[Noise like a skateboard on concrete]E  
 12218kHz 2016z 14/07[Rumbling electronic noise. Like RTTY]E

### BACKWARDS MUSIC STATION (XM)

11363kHz 2110z 10/07 E  
 1902z 24/07 E

### CARRIERS [Blank].

7555.6kHz 1547z 08/08[No sigs followed]E  
 9069.7kHz 2113z 10/07 E  
 12196.8kHz 2025z 13/07 E  
 13237kHz 2115z 10/07[With tone]E  
 13883kHz 1705z 08/08[No sigs followed]E

### CRACKLE(XC)

Nil Reports

### FROGS (XFR)

9263kHz 0546z 20/08 PLondon

### JAMMERS

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

### MAZEILKA (X06)

6850kHz 2039z 04/08 E  
 7822kHz 1713z 06/08[ended 1717z]Kopf  
 7680kHz 2032z 04/08 [Off 2037z]E  
 14863kHz 1842z 01/07[ended 1845z]RNGB

PoS also sent a log of X06;

10-July-04, Saturday;- 1401 UTC, 13,506 KHz, strong signal with a slight background buzz, vanished suddenly, carrier and all, at 1415z. Listened for several minutes, nothing further heard.

1421 UTC, 16,188 KHz, another X06 and much to my surprise when the tones stopped at 1427z followed by the carrier going off after a short pause, there followed a few seconds of CW Morse. This used to be the usual format for an X06 but all those heard for many months now have just gone QRT without any CW following on. It was so unexpected it was over before I had a chance to read it! This was followed by FSK/RTTY type data, also a feature of X06 in the past. Signal strength S7 at best with deep troughs of QSB; was a long transmission, still going at 1443z when I gave up on it.

3-Aug-04, Tuesday, 1742 UTC, 13,506 KHz - exactly the same frequency as the X06 logged on 10-July, above - how unusual! - signal strength S8 to S9, went off a few minutes after being tuned in, nothing further heard.

1946 UTC, 8,180 KHz, strength S9, lots of static crashes from a nearby thunderstorm, vanished just after 1955z, nothing further heard.

### S28 [formerly XB]

It buzzes away on 4625kHz.

[www.geocities.com/uvb76](http://www.geocities.com/uvb76)

In Group message 3454 B Rogers wrote, "Listening to "The Buzzer" in the early hours Sun 18 July at 0300 & 0400 UTC. The variable tone usually put out on the hour was absent, the normal tone continuing without interruption. [Txn Brian]

### S30 [The Pip]

Continues to dominate 3757kHz in the 80M band also 5403.9kHz. PLondon noted the pip on his 'still undergoing a refurb' Eddystone EC10MkII in the early hours of 25/07. The pip was pipping away like a good'un whilst the radio performed adequately.

### 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

Zack kindly copied his 'Spooks' posting to E2k as:

8588kHz 1200z 10/08 [Moderate here today (S5) after weeks of no signal] Txn Zach

### XSW [SQUEAKY WHEEL]

3829kHz continues to be the home of XSW.

John writes, "On 3829kHz on Tuesday 6th July at 2349UTC I heard Squeaky Wheel as usual - squeaking, but this was interrupted by a data transmission for about 20seconds, then normal operation resumed." J attached a sample of what he heard. On analysis XJT was found to be the brief interfering signal. J was sent a copy of the spectrogram used in the analysis - txn J.

### XWP [Wop Wop]

This particular sound can be heard doing its stuff around the 6 and 8MHz bands. Note that the signal changes frequency every 20 mins and takes the odd break too. Believed to be Coastal Radar, samples exist in our sound samples file in group.

Another offering, similar in sound to XWP was found by PLondon on 4543kHz 0045z 25/07.

9251kHz 2230z 06/08[battling with E03] PLondon

### TELEPRINTER 4710

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

More Info on 'oddities' can be found on Brian of Sussex excellent web pages:

<http://dSPACE.dial.pipex.com/brogers/page2.html>

Frequency information and trends can be downloaded from:

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

Thanks to AB, AF, Anon UK, AnonNI, Anon Scandinavia, AR, BMDartford, CD, D of Kent, 'E', GallusGallus, Gert of Holland, HFD, IB, IW, J of Aylesbury, JM, JMM, K of Kent, LP, LW Ben Mesander, Mike of Kent, Mark Slaten, PLondon, Peter of Saffron Walden, RNGB, and all others for their contributions to the Morse, Voice and Oddities columns.

BEFORE we move onto the article here is a very interesting short penned by one who was there and one who appreciates the power of rumour.

Early in July the inhabitants of South Yorkshire, UK noticed a number of plain clothes Police and bomb sniffing dogs at various locations around the county.

As a result a number of rumours did the rounds but no one took much notice.

However then in an effort to quash these rumours some local government workers were told the reason for the security was that President Bush was visiting.

This had just the opposite effect and soon half the county was speculating what was going to happen !

In actual fact the security turned out to be for a governmental anti terror conference. Some reports said the conference involved all the ministers in the EU involved with terrorism while others said it just involved the UK , France and Germany. Little was reported of the conference in the press except that the British delegation had called for the setting up of a EU wide database of terrorist's DNA.

Since none of the counties many specialist radio listeners heard any mention of the conference on their scanning receivers it is thought the counties new TETRA digitally encrypted emergency service radio network was used for the first time. [Thanks SYorks Anon]

#### ENIGMA 2000 ARTICLE

Held over for three issues we bring you an interesting article that examines nationalism and political. Due to the complexity and length of the article this will be spread over three issues.

#### The Smokey Dragon

This article is the result of a recent conversation between ENIGMA 2000 and myself, AnonMW. It concerns the rise of nationalism and the use of political violence in Wales.

By political violence I mean attacks of any type upon persons or property for which the responsibility is claimed by, or attributed to, any group for any declared political cause.

That I write about them in no way means that I support them; indeed, most of my adult life has been spent combating such people.

Any views or opinions expressed, or conclusions drawn, are my own and in no way connected to any body, military or civil, with which I have in the past been associated with, or may, in the future, be associated with.

My sources are database enquiries, personal knowledge and memories, or knowledge gained from former Police or Military service colleagues. I have afforded all the courtesy of anonymity which I myself would require.

I make no claim that all terrorist attacks, for that is what they were, are recorded. Indeed, I would welcome any corrections or additions via ENIGMA 2000.

At the end of the article I will state my sources. Some CB enthusiasts may recognise the title as a feeble attempt at both pun and humour, for as well as referring to the fires of arson and IED's, Smokey Dragon is CB slang for Cardiff, which leads on to the abbreviations used in this article:

Abbreviation	Welsh	English
CC*	Cadwr Cymru	Keepers of Wales
CIG	Cymdeithas Yr Iath Gymraeg	Welsh Language Society
FWA		Free Wales Army
MAC	Muddiad Amddfyw Cymru	Movement to defend Wales
MG	Meibion Glyndwr	Sons of Glyndwr
NAFW		National Assembly for Wales
PC	Plaid Cymru	Party of Wales [Welsh Party]
RCS		Regional Crime Squad
WAWR'		Welsh Army for Workers Republic

Note: \*Cadwr Cymru, not to be confused with CADW, a civil service body charged with the management and preservation of ancient sites and monuments in Wales.

' WAWR, these initials , WAWR, is also the Welsh word for dawn.

#### Timeline:

Although primarily concerned with the 20th and 21st Centuries I have included a timeline which dates back to the early 700's. This is to give the reader some historical background and to show that this is by no means a recent phenomenon. The REBECIA and similar CHARTIST riots, inspired by grievances over taxes and tolls have been omitted. These are outside the scope and frame of this article although it could be argued by the purist historian that they contribute. This of course depends on how one perceives cause and effect.

This timeline is followed by a chronological record of attacks and list of the terrorist groups who carried them out, together with some known members.

I use the term 'terrorist' advisedly, referring the reader to the definition to be found in Section 20 Prevention of Terrorism Act, viz: "TERRORISM; Use of violence for political ends, including any use of violence for the purpose of putting the public, or any section of the public, in fear."

In conclusion, I have commented on the reactions of the authorities and a purely personal view of matters as they stand today. The timeline was compiled from Johann SCHIMANSKI's website at the University of Tromso [johann.schimanski@hun.uit.no] and from BBC and ITV websites. Only such years and events as deemed relevant to this article have been included.

Year	Event
757 - 96	Construction of OFFA's DYKE by OFFA, King of Mercia, an Anglo Saxon Kingdom. This was to separate England and Wales intended to slow down or stop bands of marauding Welsh Tribesmen raiding Mercia.
1201	First and oldest record of a Welsh - English Treaty.
1282 - 83	Wales conquered by England.

1400 - 13	Rebellion of OWAIN GLYNDWR [a land dispute].
1536 - 42	Passing of Act of Union incorporating Wales into England. English to be the official language.
1600's	This century saw the demise of the Welsh aristocracy.
1780's onward	Welsh romantic revival and first stirrings of nationalism.
1847	Publication of 'Blue Books' severely criticising Welsh education; initiates religious and ethical nationalist revival.
1886	Start of first known home rule party named CYMRU FYDD [Wales to be].
1925	Formation of another nationalist party, PLAID CYMRU [National Party of Wales].
1930	PLAID CYMRU manifesto - Wales as a dominion.
1932	PLAID CYMRU manifesto - Is now Independence for Wales.
1936	PEN-Y-BERTH bomb range attack [See chronological record].
1939	Saunders LEWIS, chairman of PLAID CYMRU resigns.
1942	Welsh language allowed in Courts.
1950 - 6	Campaign for Parliament for Wales starts.
1957	Appointment in Westminster of Minister of State for Wales. Start of action to stop the damming of TRYWERYN Valley to provide water for Liverpool.
1962	Formation of the Welsh Language Society.
1964	Welsh Office established.
1966	Gwynfor EVANS [PLAID CYMRU] becomes first PLAID CYMRU Member of Parliament [MP].
1969	Caernarvon Investiture of HM Prince Charles as Prince of Wales. Two members of nationalist group killed by own explosives.
1969 -70	Conviction of various members of the 'FREE WALES ARMY' on Public Order, Firearms and Explosives charges.
1970	Group formed to preserve Welsh speaking communities. Named 'ADFER'.
1979	RADIO CYMRU [Welsh language radio] established. Beginning of MEIBON GLYNDWR [Sons of Glyndwr]. Arson attacks start; as outlined later.
1984	S4C Welsh Language television Channel formed.
1985	Formation of CEFN, a Welsh language civil rights group.
1993	Formation of WELSH LANGUAGE BOARD [a Quango].
1999	Establishment of the National Assembly for Wales.
2001	Bomb Hoaxes at National Assembly for Wales, amongst other places.

Chronological Record of Attacks and Groups involved.

The year 1925 saw the establishment of PLAID CYMRU [PC]. Its declared aims included the preservation of the Welsh language and culture and promotion of the ultimate aim of Welsh self-government.

1932 saw the establishment and publication of a Welsh Language newspaper "Y CYMRO" - The Welshman. The aim was given as "Uniting Wales and expressing views and opinions of all things Welsh." 1935 saw the first Welsh language broadcast put out by the BBC from their Bangor North Wales Studios.

Arson attack on Bomb Range.

In 1936, the first recorded terrorist attack to be carried out by a Welsh nationalist group this century took place at the RAF Bombing Range and School.

This was located at the PEN-Y-BERTH in the LLYN Peninsular and as it was the first of many such attacks is worthy of some examination.

Three Welshmen, famous local literary personalities, were the perpetrators. They were: Saunders LEWIS [The first PC chairman], DJ WILLIAMS and Lewis VALENTINE.

They started a fire in a building and then went to the local Police to confess. Clearly, they wanted their day in Court. It would appear that they were early believers in the credo that there is no such thing as bad publicity.

At the Caernarfon Assizes a sympathetic Welsh jury failed to reach a verdict. [This, I feel, speaks volumes for the North Welsh mentality, of which more later]. Sent to trial at the Old Bailey, the second jury had no such problems, concerning themselves to the far more mundane matter of guilt or innocence. This matter was largely settled by the three confessing their guilt. One wonders how the British public would have reacted to this attack had it been carried out three years later. As it was, each man was sentenced to nine months imprisonment.

*Part 2 next issue.*

#### NEWS & ITEMS of INTEREST

To start this issue we go straight into PoSW's interesting Non Number Station Radio News:

All short wave radio enthusiasts who tune the broadcast bands must have noticed the ever increasing numbers of transmissions in the digital format; all of the BC bands have at least one of these things roaring away. I wonder how many people will buy the special receivers - or is it computer software? - to be able to make use of this. And is there any consumer demand for it; I don't know about the rest of Europe but in the UK nobody - but nobody - uses short wave radio as a source of information or entertainment. The average member of the public is not even aware of the existence of short wave broadcasting, it is only us radio anoraks who listen to short wave broadcasters and then only long enough to identify a particular station before moving on to the next one! I happened to tune across a Voice of America News Now broadcast a few days ago and I instantly recognised the voice of the person being interviewed as none other than that of Mr Kim Andrew Elliot who used to present VoA's "Communications World" a few years ago, one programme that really was worth listening to - but Uncle Sam decided to end it. Anyway, he was talking on the subject of digital broadcasting on short wave and stated that there is a problem with this mode because a dip in signal strength due to variations in propagation often causes the signal to drop out completely instead of just sinking into the noise for a few seconds, as is the case with ordinary AM short wave.

On a similar subject, the "Daily Express" of July-8 carried an article to the effect that the government is soon to announce a switch-off date for analogue radio - the long wave, medium wave and VHF-FM which we all know so well - in the UK, to be replaced by digital, which will, the writer of the feature cheerfully informs us, make a hundred million radios obsolete. Well, that will make the importers of the new radios happy, then. I say importers and not manufactures because all domestic radio receivers sold in the UK - apart from a very few expensive, top of the range models - are made in the sweatshops of East Asia, even those sold by companies with traditional British sounding names and boasting of their royal patronage. If I am going to build that regen. radio with the acorn pentode and the 12AT7 double triode which was featured as a constructional project in "Practical Wireless" a couple of months ago I had better get on with it soon while there are still some signals capable of being received!

Another item from the "Daily Express", the July -29 issue carried an article by the paper's Property Correspondent headlined "For sale; The £250,000 bunker", and described a concrete bunker designed to protect 150 people from nuclear attack which is up for sale in Lancashire. Originally built in 1940 for fighter command it was converted into a nuclear bunker in 1962 and refurbished "at great cost". Features include 50 rooms on two floors, kitchen, dormitories and decontamination rooms, air filtration system and water tanks capable of supplying the bunker for several months. And all for £250k, the price of a one bedroom apartment in central London!

*And now onto the rest, with reduced political lampooning [by request!]:*

The things we see [with general topic of terrorism in mind].

We must ask if it was a good idea to park a blue GP car against the west kerb of Queen's Gate Gardens by the private gardens and pointing north. Apart from the 18" long antenna mounted on the roof over the rear nearside wheel, on the dash, in full public view was the vehicle log book stating, along with the 'corporate' owners name, the characters SO13. If it was that easy for me to spot what about the four Bangladeshi males who stopped me asking for directions to the Bangladeshi Embassy where at 1600 on 24/08 a full scale demonstration was underway. Anyone with mischief in their heart may well have done their homework. They might also have spotted the jam jar in the same place on 1<sup>st</sup> September too!

EMP question.

Of interest, on the Scanproma group the following question was asked, "I have been reading about EMP; can anyone tell me how to protect radios from them if the need arises."

The answer from an E2k member was, "The general idea is to ensure that radios are properly shielded.

Proper Govt Nuclear Shelters went to great means to protect against this and despite being below ground a Faraday Cage was used to protect all electronic equipment and radios from the effects EMP. The antenna was the only way that such a pulse would be applied to a protected radio and they were expected to be disconnected and grounded prior to such pulse[s] being experienced. I have some pics of a shelter where telephone cables enter via a shielded gland and a set of massive filters designed to protect that beyond.

Those old enough to have seen the BBC 'Threads' film will remember that the EMP was shown to stop vehicles from starting up and also destroyed the main receiver in the Council Shelter [They made reference to the Amateurs going up to fix the antenna in the script].

The effects of EMP are also well documented - whilst NATO forces were looking at using hardened semiconductors for their applications a Russian fighter was flown by its defecting pilot to liberty in Japan. The Russians asked for the plane back and got it back they did - after it had been dissected. To the surprise of the engineers and scientists the main electronic device was the thermionic valve - virtually unaffected by EMP - to ensure that the aircraft would continue to be serviceable in the event of EMP. 'Beneath the City Streets' is an excellent work on Secret Britain and EMP gets a mention, you might like to look at Duncan Campbell's 'The Unsinkable Aircraft Carrier' too. Both books look at nuclear exchanges but

the perspective is somewhat different, the answers the same.

In the booklet 'Protect and Survive' they merely tell you to turn the receiver off and retract the antenna. It would be better to put the thing in a tin box that is earthed to even give the device the chance of surviving the pulse[s] that are of a high magnitude."  
[Tnx Scanproma].

#### Stop and Search approved

The Stop and Search powers assumed for a recent arms fair by police have been approved as proper by three judges.

About time too – why is it that when our police act properly they are taken to court by some aggrieved no-all who has his financial charges paid by the taxpayer?

Well done boys in blue – search a few for me, use S1 if you can or assume powers under S60! Why not revert back to the Judges Rules instead of PACE – then you'll be able to arrest the lot of the rabble under the Breathing Act.

#### Making Waves

ITV's naval drama series never finished its run. A little like BBC's 'Warship' it covered the day to day life of the crew aboard HMS Suffolk, a County Class destroyer.

Those of us who waited with baited breathe for the next episode were disappointed when it was replaced with some pulp because 'Making Waves' was not attracting viewers.

It was suggested that the ship loaned to ITV for the series is about to be scrapped in the next load of defence cuts, as is [we are told but cannot confirm] HMS Illustrious. Apparently we are going for standard flat tops with steam catapults instead.

The same person who told E2k about the cuts also passionately recounted how jobs in the British textile industry will be lost as uniform contracts are going to China instead. *Very sad indeed.*

#### Smiling not allowed

The British Government has banned open mouth smiling in passport photographs thanks to strict new U.S. standards. No sunglasses or hair brushed across the eyes either. And this is because these factors may confuse security cameras used to scan faces and verify the passport as authentic. The new British passports will be fitted with a chip containing the facial image and other data. [*Quite why they even bother to have a British passport anymore is a mystery - shouldn't it have the american eagle on it or whatever that lot have? Our Nation is diluted, we are not 'English' anymore and now we kowtow to american paranoia - its very piss poor indeed*].

"These new guidelines are an important step in the development of the new biometric e-passport and use of facial recognition technology that will be introduced in 2005 as part of the ongoing fight against fraud and international terrorism," UKPS Chief Executive Bernard Herdan said in a statement. [No doubt we'll get a voucher for a free McMuffin at McDonalds with every passport we apply for].

#### al-Qaeda training camp discovered

Libyan Secret Services had discovered an al-Qaeda linked training camp at Tibesti near to its border with Chad.

To set matters straight – just incase a victory is anticipated it has been released that the Intelligence services of Saudi Arabia are so infiltrated by al-Qaeda sympathisers that such support is stated for 80% of its staff.

According to reports the Kingdom's counter terrorist campaign is failing and militant operations are spreading into neighbouring states. Scotland Yards anti-terrorist squad and the FBI and CIA are amongst foreign agencies that collaborate with the Saudis.

#### Certain sites closed [posted by j6m], E05 watchers to note?

J6m posted an interesting piece of news from the US Department of Defense, it reads:

"The Department of Defense announced today [09/07/04] that it is closing 10 microwave radio relay sites in the United Kingdom. The sites are: Barkway, Botley Hill Farms, Bovington, Caldecott (also known as Chelveston), Christmas Common, Cold Blow, Daventry, Dunkirk, Swingate, and Uxbridge. This closure is not related to the U.S. Global Posture review, it is simply a cost saving measure.

The Defense Information Systems Agency determined that DoD could save \$1 million annually by using commercial communications instead of continuing to maintain and upgrade the existing sites.

Operations at these sites ceased in December 2003 and they will be officially closed by the end of December. Since the sites are unmanned, there is no expected impact to military or civilian jobs as a result of the closures.

As with all stationing actions, the United States has coordinated with host nation officials at all levels prior to this public announcement."

[<http://www.pentagon.mil/releases/2004/nr20040709-1001.html>]

In answer RNGB writes, "They've already closed. They took down the dishes at Bovington (it is spelt with a D and not a T) about a year ago. Why can't Americans spell properly? Or is it just that there are no place names in the U.S. ending in 'ingdon' ? Guess with HF data links and sat-com they became redundant. It was a very old system. [Thanks J6M and RNGB]

#### Iraqi Embassy

The Iraqi Embassy in Great Britain, 21 Queensgate, London SW7 was visited by an Iraqi dignity on 16/07. The Iraqi gentleman, clad in a light coloured suit, was accompanied by one or two henchmen as well as what appeared to be 'men from the Ministry' all protected by a Policeman from the D&RPG.

It's about time the log periodic antenna came down from the roof before it falls down and kills someone by the way – its as rusty as the catch on KW's wallet.

The key to the padlock that sealed the damaged doors from interference was unlocked after the tramp who was sleeping there quickly removed his bivvy in quick time.

We look forward to seeing even more demos there in due course.

New head of MI6 arrives

Amongst the rumour and stirring re untruths being told about WMDs and the 'sexing-up' of a report available to the British public John Scarlett took up his post on 1<sup>st</sup> August. His priority is stated in The Times [02/08] as being 'to discover why the agency [MI6] made such calamitous mistakes over Iraq.'

The final paragraph in The Times piece, by Daniel Mc Grory, must be mentioned, 'His appointment was met by claims in some quarters of Whitehall that it was as a reward from Mr Blair as many had expected MI6's deputy head, Nigel Inkster, to succeed Sir Richard Dearlove as "C".'

Protect and Survive

'Protect and Survive' was an official document from HM Govt that advised the Nation how to protect themselves, using handy items such as doors leant against walls, from Nuclear explosions. [How many houses in Great Britain were lead loaded, had a PF of 15 and were able to withstand a direct hit?]

Now it appears that Londoners are to receive a booklet advising them how to survive a Terrorist attack.

No doubt it will be a derived offering from that available in America [they know how to look after their voting public] and that in Australia. [Not America theirs is comprehensive, credible and helpful].

No doubt all the major DiY outlets will be short of Gaffa Tape [Duct tape to our US cousins] and plastic sheeting as they were of wasp nest foam when this book comes out.

The handy hints outlined in 'Protect and Survive' were laughable; two or three doors leant at an angle of 45° and covered with sacks of earth would protect you from the effects of a nuclear explosion [we were told]. A fancy entrance to your indoor citadel could be made from an earth filled tea chest whilst lavatory facilities were made with a black bag, dustbin and disinfectant.

Adverts were available to be screened on TV and also via radio. The narration was the splendid voice of Patrick Allen aka ITV's 'Crane' [whatever happened to Laya Raki and her memorable neckline? She must be about 80 nowadays] and later selling houses from a helicopter. It was excellent that HMG would supply these documents to advise us, excellent until the US screened 'The Day After' [laughable but it made the point]. That was followed by the more harrowing British film 'Threads'. It featured all the ideas in 'Protect and Survive' and the viewer was treated to seeing two featured families, one using the door constructed citadel, the other, their cellar. Apart from the death of Grandma the family in the cellar fared better – the daughter surviving long enough to bring up a daughter in the resulting nuclear winter. The rest were killed by looters looking for food.

Thanks to Messrs Bush and Bliar our countries are apparently ripe for a terror attack; now HMG put out another pamphlet full of handy tips on how to survive terrorist actions so that we can beat them at their own game. But surely if it has got to this level then we have already lost. And what of the terrorists' human rights in the UK [it's not Great Britain anymore] to go and wreck our lives, homes, families and personalities. Has anyone been tried for interfering with that yet? If not it can't be long – not in politically correct Britain where the rights of all others are placed higher than those of the population [except HMG].

If a terror attack occurs [and its only a matter of time] Her Majesty's Government will see all of this out ensconced in their deep level shelter at Corsham Quarry. The whole thing is a travesty. The Muslim religion is recognised as 'terror' rather than a religion and those with brown skins are treated, ad hoc, as terrorists. Thanks Bush and Bliar, destroyers of religion and bringers of doom. <http://news.bbc.co.uk/1/hi/uk/3907941.stm>  
<http://news.bbc.co.uk/1/hi/uk/3906187.stm>

FOR A DECENT LAUGH: <http://www.pfe.gov.uk/booklet/index.htm> available in PDF, file much bigger for the Welsh!!!

Of course you might prefer this version: <http://www.preparingforemergencies.co.uk/>

An insert in 'Metro' 29/07 read that the student who parodied the booklet on his site had received a firmly worded email from the Cabinet Office ordering him to take it down. Their reason appears to be that the site may well be mistaken for the real one --- *something chemically insidious is creeping underneath the door and you go on the net? Unbelievable HM Cabinet Office!*

Our erstwhile student, Thomas D Scott of York University, has not – but has included a reply to the official email – as well as adding a bold statement that the site is in fact a parody. *Surely anyone with a smidgen of grey between their ears could work that out, HM Cabinet Office!*

Our student humorist adds, "Parodies are permissible under copyright law - particularly since the original was Crown Copyright, and the only restriction was that it not be used in a "derogatory or misleading manner", and let's face it, if anyone actually mistakes this for the genuine Government web site, then they probably have more problems than getting unhelpful advice." That's probably very true Mr Scott – everything in the booklet is plain common sense, if you have to read a booklet to tell you what to do then maybe, just maybe you don't actually need to be protected!

If you want to see how things are done properly see 'Are you ready' an American [and the first modern advice] on <http://www.fema.gov/areyouready/>

I know we lampoon the Americans in the NL but GB could learn a lot by reading that sensible and well produced doc. It seems that whatever Britain does now it fluffs it. It can't even have a proper supply rationale for troops, treating that as a profitable business to.

And here is a final interesting fact: when converted to 10pt text our booklet, produced by HMGovt, takes 5 pages of A4. The more comprehensive and credible American edition takes 91 A4 sheets. At least Mr Bush seeks to protect his citizens from the massive bucket of s\*\*t he has dropped them in. Mr Bliar allows a pissant, 22 page B5 booklet, with pretty pictures and a nice font to be produced and one that a cretinous moron would be embarrassed to be seen reading whilst waiting outside the Labour Exchange.

To prove try this and paste across:

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

The link is for those using text televisions [Web TVs], not cellphones or emailers;-)

Finally, and to sate input from NI: In Protect and Survive the instruction was to chop the doors down and make a lean-to inner refuge that you should not leave. Later in the pamphlet it warns you to open all the doors!!! Well done the Ministry of Confusion. [Also advises the householder to go around putting out small fires with water – all after a nuclear explosion or two. Sack that scientist!]

Spy?

Now who wants to be a spy? 5000 if you can believe the commentary about BBC3's new ten part offering in which ordinary people are trained in the secret world of intelligence and espionage.

See [http://www.bbc.co.uk/bbcthree/spy/spy\\_overview.shtml](http://www.bbc.co.uk/bbcthree/spy/spy_overview.shtml) for an overview.

The trainers are Harry Ferguson, who after graduating from Oxford University, served as an officer in MI6 for several years. After leaving MI6, he joined the Investigation Division of HM Customs and Excise as an undercover surveillance officer working against gangs smuggling materials such

as heroin and components for weapons of mass destruction. He is currently a full-time writer. Sandy Williams [‘for me it’s the smell that I remember’] an expert in intelligence and surveillance whose background currently remains classified and Mike Baker, who worked for 14 years as a covert field officer for the CIA specialising in counter-terrorism, counter-narcotics and counter-insurgency operations. During this time he was noted for his outstanding performance and achievements. [As an American he is no doubt included to grease a swift uptake by American TV companies].

The Eight candidates [one eliminated by ep3] made their way to the now defunct Strand underground station at the Aldwych carrying a rather upmarket metal case containing the ‘odds and bobs’ necessary for their well being as spies. When the series was being made in April they were seen by an ENIGMA 2000 member [should that be operative?] from the top of a passing 68 bus - it was the case that caught his eye as well as the hat the bloke was wearing as he was trying to enter the station via the door next to the photo machine.

Anyway the series is entertaining; some of the candidates are taking it all very seriously too! Looking at the candidates I reckon either the black bloke or the NI man will finish the course successfully. The bloke who wrote BBC’s ‘Spooks’ could do with looking at this too. ‘Spooks will return to our screens in a 10 parter this Autumn’

A series of meets!

PLondon, AnonNI and AnonMW have met to discuss a plethora of numbers related matters. A particular hostelry in South Wales hosted one event where once again PLondon and AnonMW spoke Yemeni Arabic [tainted with regional dialects] in the plush surroundings where at least two persons looked quizzically towards the verbose pair. The evening could have been reminiscent of a bash at ‘The Crescent Hotel’ Steamer Point, Aden, but it wasn’t and instead of being potted at by errant FLOSY or NLF gunmen we risked being mugged in our own country as we left a good nights’ meal!!

[Note that the required ‘Sahib’ was substituted for ‘Boyo’].

Which reminds me of the sounds of being awoken Aden style, ‘Good morning Sahib, Guinness is good for you.’

Us enthusiasts!

TERROR IS ONE CLICK AWAY - EXPERT

Gloucestershire Echo : 24.06.04 [from <http://cryptome.org/terror-click.htm>]

Defence expert Tony Mason has hit out at military enthusiasts for revealing secret information about GCHQ on the internet.

The Cheltenham-based Air Vice Marshal spoke out after security experts expressed fears that Army fans may have inadvertently breached the Official Secrets Act. One Stockport-based site includes extensive photographs of the past and present GCHQ buildings in Cheltenham, and also reveals an SAS training area in Herefordshire.

The high-security military communications base at Defford, Worcestershire, is also subject to scrutiny.

The details and photos have been published on unofficial websites.

Mr Mason advises the House of Commons defence committee and holds a fellowship at the University of Birmingham.

He said the information revealed could be of immeasurable help to would-be terrorists.

A search of the web reveals numerous sites featuring satellite photographs of bases and information about their uses.

Under the headline Secret Bases Revealed! the site details tell-tale signs to look for when spotting clandestine military locations.

Mr Mason said the websites represented a potentially serious threat to military installations in the UK.

"It is difficult to see what kind of rationale or ideology could lead any individual to publish this kind of information on the internet. It's totally irresponsible," he said.

Mr Mason added spies had died during the Cold War to get the kind of information being revealed.

"Yet now, in a time where terrorism and a need for tightened security is even more prevalent, we seem to be happy to hand over this kind of information on a plate," he said.

\*A spokesman for the Ministry of Defence said there are no secret bases being operated in the UK.

"However, there will be elements within the MoD that, for operational reasons, are classified," he said. \*

"Security at all our military installations is always of paramount importance."

This is a cracker and linked to Alan Turnbull’s site which, although removed was available via Cryptome at the time of writing.

Montreathmont Moor

A number of our members will be interested to read that the 1940s intercept station has been put on the market for all offers over £95000.

Sitting in the middle of a 200 acre site the property, complete with 50ft mast, is being sold off by the Scottish Executive as part of a sale of redundant communication centres across Scotland.

It is envisaged that the property will be left on the market for a few weeks from late July prior to a closing date being announced. A number of prospective purchasers have made themselves known.

How’s your wallpapering skills?

AnonNI sent in an article that had appeared as a very short piece in the London Metro. In his example, taken from the Sunday Life [01/08] it was entitled ‘Zapped’ with the strapline ‘Jailbirds squawk as mobile phones may get walled in.’

Unlike the piece originally seen by yours truly this did more than state that QinetiQ [previously MoD’s Defence and Research Agency, DERA] has developed a special RF opaque screen that is as simple to use as wallpapering. The product could be used in any public areas where mobile phone use is wanted to be prevented.

The piece in ‘Sunday Life’ penned by C McGuigan suggests that some prisoners held in the high security HMP Maghaberry have in the past been able to smuggle mobile phones into their cells, apparently to run their criminal empires from their cells.

Apparently the ‘wallpaper’ blocks out frequencies used by mobiles.

How this product works has been discussed and one member suggested iron filings or foil dipoles laminated onto a baseboard. Another idea was based around the foil dipoles being on a different laminant and the material between the laminant and liner acting as a diode, absorbing energy at the

target frequency. If that was the case then the product could be manufactured to affect frequencies as 'required' whilst allowing others to pass through.

This is an interesting product indeed, one use would be the containment of IEDs that could be triggered by mobile phones. [Tnx AnonNI – a good article indeed]. Now where can I get 8 rolls of heavy Fleur-de-Lys flock, resonant on 900MHz?

MI6 operations to be reviewed.

The appointment of a senior MI6 officer has been made to oversee the manner in which the Secret Intelligence Service runs its agents. The officer will reassess the management of the SIS network of agents and the methods to validate their bona fides. This no doubt due to the critical view formed by the Butler inquiry over the credibility of some of the agents in Iraq. Sir Richard Dearlove, who recently stepped down as 'C' accepted the criticisms, whilst Mr John Scarlett, his replacement from 1<sup>st</sup> August, has made it clear to all staff at MI6 that he intends to implement the reforms once the officer involved reports back to him. It is understood that any alterations will be made to processes rather than hierarchy.

MA04

The above is the latest memory tag for vehicles registered in Manchester [North East England]. This tag has the range of local identifiers from A to Y, giving MA to MY.

Whilst passing Vauxhall Cross in a 360 bus, not a journey I will ever make again on that bus route, the doors leading from the building opened and out popped a gleaming new blue van, with smoked windows for the passengers and bearing the memory tag MA04. And why was it bought in Manchester?

Where it went heavens knows, but I am sure it will be seen near Pen\*\*\*\*ne Road at some stage.

Encrypted Emails

Mohammed Naeem Noor Khan was an al-Qaeda operative who was arrested in Pakistan. He was an important catch for the Pakistani intelligence officers for MNN Khan was a skilled computer engineer and an al-Qaeda communications specialist.

His arrest was treated as a secret and whilst investigations proceeded against him Western intelligence operatives watched over him whilst he was made to send a string of emails to key al-Qaida figures.

A number of his contacts were in Great Britain, six in the US and were requested to contact MNN Khan. The investigations surrounding MNN Khan involved the examination of disks containing details of possible plans of attacks and coded lists of agents.

One such attack was said to be on Heathrow Airport and meticulously planned. There were photographs of terminal buildings, fuel farm and the road tunnels used to access the airport. Even the phase of traffic lights was timed and included as well as details of possible escape routes.

All information was apparently updated regularly.

The investigators were apparently astonished by the minute details recorded on the disk; the code invented by MNN Khan used code names for agents taken from Holy Books such as the Koran and the Bible. Apparently there were numbers of cell phones but the code never uses the digits 0, 2 or 3 [have we seen that before?] .

MNN Khan's father is a purser with PIA [Pakistan International Airlines] and apparently obtained cheap tickets for his son. Apart from having enrolled at City University, London MNN Khan spoke of two cousins who were arrested in 2000 on terrorism charges after they allegedly visited Chechnya and Bosnia to join in militant activities.

MNN Khan is 6'2" tall, powerfully built, 25yo and has a 'flawless English accent.' His academic background and computer skills made him a very important catch to al-Qaeda.

In his travels MNN Khan visited Germany and the US, probably making contact with other agents and evaluating others, perhaps for attack purposes.

A chilling note [Author anon]

I have just returned from a blood donor session giving my usual pint of clarat. This time the Blood donor people were very keen that we attended to lose an armful of blood. Perhaps they are expecting a big demand on their services in the near future.....!

[Tnx – you know who you are]!

Operation Horizon [Civil Defence]?

The above named exercise was performed at Birmingham's National Exhibition Centre, located by its main rail link to London and near to Birmingham International Airport.

Knowledge of this exercise was suppressed from British media, and thus the British public at large BUT the Arabic news channel al-Jazeera was informed.[No doubt in an attempt to let Mr bin Laden know we are making preparations. OBL was, at the time watching 'Eastenders'].

There was a long delay [3Hrs] before the mock victims received any medical aid and there were a mass of angry and confused victims who attempted to break out.

Their progress was hampered by security guards clad in military issued NBC kit and respirator. None had any ID and the obvious fears were voiced that anyone could dress as an official and burgled their way across an affected area.

Like Osiris 2 there were no panicking public refusing to say where they were, running blindly and anxious to leave the scene at any cost. That cost would be the lives of those who opposed their flight. In reality these persons, those fathers, mothers, children layabouts and illegal immigrants, asylum seekers, all would die as the security forces open fire in Tiannamen Square fashion.

US to re-deploy troops

Up to a 100000 US troops will be pulled out from Asia and Europe in the biggest redeployment since the Cold War has ended. It is expected that a number of bases in Germany and South Korea will be closed down with staff being returned to US or posted to NATO expansion countries in

Eastern Europe [wherever that means].

Pentagon officials are reported as saying the changes are necessary to adapt the US Military to the demands of the global war on terrorism and to take advantage of new technology. There is also the political issue of US military morale; there is also the discontent of relatives who see their folk posted from Afghanistan and Iraq. More than 60% of US Forces are deployed overseas.

It is not so well known that the Pentagon has used emergency powers to force some soldiers whose enlistments are up to stay on. [See *The Observer* page 21 15th August, 2004].

There must be the spectre of the loss of life too; as Mr Bush must be aware, as is Mr Blair, it's not good political stuff to see your countrymen return in body bags. There is even less political gain to be had when the voting public suspect lies and manipulation to prosecute a war that appears to be never ending and for which the real reason may well be oil rather than WMDs.

In later reports, particularly *The Times* 17/08 page 27, a figure of 70000 uniformed septs are to leave cold war bases. In the previous Sunday *Times* article it was reported that this removal of troops was because of the failure of Germany to support the US in Iraq, but it appears to be welcomed given the remarks that flowed the article on 17/08. "When a Galaxy cargo plane takes off at 3am the whole town falls out of bed." And its not just Germany that profits from American removal; the European naval headquarters is to move from London to Naples and may involve 1000 military and civilian personnel, 350 being employed in North Audley Street near the US Embassy in Grosvenor Square London. US deployments shown in the *Times* article were Afghanistan 17900, Bosnia-Herzegovina 2931, Germany 75603, Iceland 1754, Iraq 211028, Italy 13354, Japan 40045, Qatar 3432, UK 11801, South Korea 40258.

A picture of an American soldier on guard outside the US Army's headquarters in Heidelberg brought some splendid memories back to yours truly of the hospitality received there in April 1964. That was before things changed.

#### The Man Who Never Was.

The man who never was was in fact Major Martin, Royal Marines. For him the war had never really taken its toll, but he died of pneumonia and exhibited all the characteristics of drowning. A civilian dressed in uniform, complete with letters from his father and a girlfriend, to complete the deception, he was floated from a canister with a briefcase containing documents designed to suggest that the impending invasion of Sicily, Operation Husky, was in fact aimed at Sardinia. The submarine HMS Seraph floated the body off the Spanish coast with its briefcase, the act successfully complete, when the briefcase was returned through diplomatic channels, but which was subsequently found to have been opened.. The commander of Seraph was Captain Bill Jewell whose part in Operation Mincemeat, as the delivering of Major Martin was dubbed, was particularly skillfull. Bill Jewell was well decorated for his service, MBE, Chevalier of the Legion of Honour, DSC and the Croix de Gueurre with Palm, and for assisting US Forces, US Legion of Merit.

Captain Bill Jewell was born 24<sup>th</sup> October 1913 and passed away on 20<sup>th</sup> August 2004, aged 90.

#### Politically motivated charge?

Mr Babar Ahmad aged 30 who worked in the Centre for Computer Services section of Imperial College, London was arrested on 2nd December 2003 and again in August 2004. Mr Ahmad worked in an area called 'The Hut'. At the time the eleven rooms comprising 'The Hut' were sealed off and computers dismantled and removed for examination.

Mr Ahmad was questioned about possession of plans of a US Navy battle group in the Gulf and then freed.

On 5th August Mr Ahmad was again arrested and charged with raising money to fund terrorism in Afghanistan and Chechnya between 1998 and 2003. Bow Street Magistrates were told this was done through US based websites.

His arrest this time differed; the arresting officers were from New Scotland Yard's extradition team.

Whilst in Bow Street Magistrates court the US Government's representative [ CIA? ] Mark Summers attempted to ensure that the accused, Mr Ahmad, a professional from Tooting, London appeared in court wearing handcuffs. Mr Summers' view was that 'There were concerns that an escape could be mounted.' This 'application' was rejected by Judge Christopher Pratt.

For Mr Ahmad, Joanna Evans, stated that her client, Mr Ahmad, 'Believes this [his arrest and extradition process] to be a politically motivated prosecution and refutes absolutely the charges against him.'

[Reading the Affidavit [Docket Number 3:04m240(WIG) and signed by Craig Bowling, Special Agent, Department of Homeland Security tells a particularly interesting story. Whilst not Judge and Jury, Mr Ahmad is going to have his work cut out to disprove this if he loses his fight not to be extradited. One interest is the raising of funds for al-Qaeda].

At the conclusion of the hearing Mr Ahmad was remanded in custody until 10th September. In the background supporters of Mr Ahmad, not all Muslim either, demonstrated outside the Home Office after meeting at St James' Park Underground station, their chosen RVP.

The arrest of Mr Ahmad was not the main point of the demo, it was more the willingness of Her Britannic Majesty's Government to kowtow to George Bush's lot in their 'global fight against terrorism and calls for an end to the "criminalisation" of the Muslim community in Britain.

Among those leading the protest were the former Labour minister Tony Benn who declared, "The most dangerous thing is to turn political conflict into a religious war." In turn the protest was supported by the Islamic Human Rights Commission, the Muslim Association of Britain, Stop the War coalition and the Liberal Democrat Muslim Forum.

Mr Ahmad, if extradited to America, faces four charges that carry sentences of between 20 years and life imprisonment, relating to the alleged offences between 1998 and 2003.

Wonder what gaol sentences were received by those Americans who actively supported the IRA by openly collecting money from the general American public as bombs decimated the streets of Northern Ireland and Britain and execution, assassination and murder smudged out family members. We fear the obvious answer to that question!

#### MI6 Man betrayed

Anthony Monkton an MI6 man who was credited with helping arrange the flight of Slobodan Milosevic, former Yugoslavian president, to the Hague to face a war crime tribunal had a photograph, email account details and his telephone number revealed in the newspaper *Nedeljni Telegraf* after betrayal by the Serbian interior officials close to the paper. The reason is believed to have been his apparent involvement in inquiries into the assassination of Zoran Djindjic PM in March 2003.

Plane spotter?

One cannot forget the 2002 national *faux pas* of the Hellenic Government of Greece when 12 British and 2 Dutch plane spotters were arrested on spying charges when discovered outside a Greek military airfield photographing the antiquities inside. [*Marconi 1 - you take care with that R1155*] and problems of international proportion existed. Well it's happening here now, except the area of interest is civil airports.

LHR, Heathrow, has always had many plane spotters on the observation roof. Bristling with the antennae of the radios used to listen to incoming aircraft various spotters also sport decent binoculars. The same scenario exists at LGW, Gatwick as well as Stanstead STN.

At LGW and STN security guards have been instructed by BAA to question anyone carrying a camera [*actually it takes pictures - thank you sir, I'll be on my way then*] the spotters at LHR are condemned to spotting from the Airport roads and are regularly moved on by the police. LHR closed its viewing gallery thanks to advice from the transport department. The biggest enthusiasts' society, Air Britain, has 4500 members; moreover the aviation publisher, LAAS, has come up with membership cards for those who properly apply.

The Chairman of LAAS recognises that there are probably more enthusiasts at an airport than police. Whilst there appears to be some 'friction' due to the closure of the viewing areas the police hope to use the eyes and ears of spotters to identify unusual activities near and around airports.

Spotters claim that several of their number saw IRA terrorists setting up a mortar attack from the Heathrow perimeter road in 1994 and say they could have helped police foil the plot. There may well be more than 20000 spotters in the UK; whilst the interest was only just tolerated previously, 9/11 is seen as a reason to drive them away.

Ancient Bug of the wrong kind!

Like many Council properties across Britain Hoyland Town Hall, near Barnsley South Yorkshire is no different where the upkeep of property is concerned. Built in 1972 the Hall was partially abandoned when the authority became part of Barnsley Council.

The Council Chamber was used for small local meetings and surgeries.

Imagine the surprise in May when a clock fell off the wall, imagine the further surprise when a bugging device was found secreted away. The device was subsequently taken away for analysis after police were called [Tx E].

Joke – via mukhabarat2003

*We received this from mukhabarat2003 aka Sal ibn Hari. He wrote, "This came from a footer on a spammed up email trying to sell me viagra." The agency stated could well have been MI5/6, DHS, NHS, DFS, MFI or a host of others – enjoy:*

The CIA had an opening for an assassin.

After all of the background checks, interviews, and testing were done there were three finalists - two men and one woman. For the final test, the CIA agents took one of the men to a large metal door and handed him a gun.

"We must know that you will follow your instructions, no matter what the circumstances. Inside this room you will find your wife sitting in a chair. You have to kill her." The first man said. "You can't be serious. I could never shoot my wife." The agent replies, "Then you're not the right man for this job."

The second man was given the same instructions. He took the gun and went into the room. All was quiet for about five minutes. Then the agent came out with tears in his eyes. "I tried, but I can't kill my wife." The agent replies, "You don't have what it takes. Take your wife and go home."

Finally, it was the woman's turn. Only she was told to kill her husband. She took the gun and went into the room. Shots were heard, one shot after another. They heard screaming, crashing, banging on the walls. After a few minutes, all was quiet. The door opened slowly and there stood the woman. She wiped the sweat from her brow and said, "You guys didn't tell me the gun was loaded with blanks. So I had to beat him to death with the chair." [Shukri Sal]

UK 'Dirty Bomb plot'

Following the arrests, on 1st August of eight men, thought to be involved with al-Qaeda, investigations revealed enough evidence for charges of conspiracy to commit murder to be brought against all those arrested. These eight men are all Muslim and arrested in one of the biggest operations against al-Qaeda.

The arrests were made following US warnings that attacks had been planned against 'landmark' buildings. These 'landmark' buildings were stated in the media as New York Stock Exchange, Citigroup building - again New York, International Monetary Fund Headquarters in Washington and the Prudential Building in New Jersey.

One of those arrested is said to possess reconnaissance plans for attacks on financial institutions in three US cities whilst another is charged with possessing an extract from a terrorist handbook that gives details of how to prepare chemicals whilst giving formulae for explosives.

Interestingly newspaper articles suggest 'radioactive materials, toxic gases, chemicals and/or explosives to cause disruption, fear or injury contrary to S1(1) Criminal Law Act 1977.'

There was also mention of 'a document or record of information likely to be useful to a person committing or preparing an act of terrorism, etc.' [*Suppose I'll have to remove my copy of Mellor's Inorganic Chemistry from my bookshelves. It details the preparation of gun cotton, gunpowder, dynamite and TNT*].

Not surprisingly it appears there may be extraditions to America. Whilst newspaper straplines read along the lines of 'Gang charged with plot to attack Britain' there is nothing stated in the text of the news piece to suggest what location, or indeed where.

Senior US officials are said to have held high-level talks with Home Office lawyers and police. The British security and intelligence services, MI5, MI6 and GCHQ were all claimed to be involved along with the cooperation of the Pakistani Intelligence Service and the CIA.

Of the three newspapers read concerning this matter not one stated a firm British target.

Phantom Helicopters

A £50M helicopter, the NH-90, are being provided for Britain's SAS. The 'stealth machine' as it has been dubbed is expected to go into service with the Counter Revolutionary Warfare Unit and will be on permanent standby for an instant response to any terrorist assault on Britain's internal security.

The development of this craft was made between Westland in Somerset and the Italian company, Agusta. A quantity of NH-90s has already been

sold to special forces in France, Greece and Oman.

Special fittings to the aircraft include self sealing fuel tank that are also impact resistant; in the event of a crash any explosion would be avoided. Apart from having a very low radar signature and thus a hard to detect ability an advanced onboard computer allows pinpoint accuracy to destinations as well as

duplicating instruments to the pilot's helmet viewer. For the interested aircraft buff the NH- 90's specs are: Crew of 2 and a payload of 20 troops, 18ft high with a length of 64ft and an addition of two machine guns if required.

al-Jazeera news documentary

A very sleepy PLondon writes, "Last night Saturday 21st August,BBC2 TV's'Storyville' ran an 85 min documentary on the controversial Arab news network al-Jazeera at 2200.. I was a little tired having been forced to tidy out my shack - there simply was no more room for expansion and a number of redundant items were removed to the local rubbish tip.

The programme followed behind the scenes activities from the start of this latest US led fiasco to what seemed almost present day. Previously unseen footage was shown; not for sensationalism but because it had been transmitted by al-Jazeera to its mainly Arab audience.

Surprisingly we then see some American lieutenant quietly berating the al-Jazeera representative for showing dead US soldiers along with those of Iraqi soldiers and many dead Iraqi children. Needless to say when the al-Jazeera rep made his point about producing news for an interested Arab mass the American Lt seemed a little disappointed.

The al-Jazeera journalists were professional and accurate in the clips shown. There was even a discussion about what was being transmitted along with mention of the Israeli/Palestinian question. No animosity was shown, nor sarcasm.

At one stage some Brigadier-General somebody [from CENTCOM] produced the now infamous deck of cards [*Wink Martindale eat your heart out*] said there was enough packs printed for the US troops and then withdrew the pack. Immediately an al-Jazeera reporter asked for sight of a pack, only to be refused as the Brigadier-General arrogantly turned his back on his captive audience. It might as well be added that he entered the 'auditorium' much as a world class boxer would his venue, the air of arrogance, the you can't touch me all entwined with 'I'm the main show in this event.' Then the cause was taken up with some up ranked US military *binta* who despite having the actions of the BG referred to by an English reporter as 'inept' continued with her same 'you'll listen to me, I've assumed some authority here' actions until the officer class *binta* skedaddled.

The next interview showed the main al-Jazeera rep with the US Lieut. This time our neatly shorn US Lt correctly added a likeness between the differing mass audiences by using a comparison between Fox News and al-Jazeera viewers. [By George he's got it]! All in all an excellent piece of television that did no end of good, and not only for al-Jazeera. At the end of the day the viewer could not have failed to see the parallels of professional news gathering techniques but also the forces that oppose the sending of some news as it occurs. The last word goes to our erstwhile US Lieut who spoke the truth when he said something along the lines of 'We can't let you broadcast the position of our troops, it might make good news but I am sure you see we can't allow you to disclose that'. For the record the programme started with al-Jazeera applying for the necessary visas to enter Iraq for their coverage; it is worth remembering that unlike most, if not all news gatherers, al-Jazeera has no governmental mandate or control. It is, according to a Jewish friend of mine, independent. And, he says, you can't get better than that.'"[TnxPLondon].

Immigration controls?

As any Brit who applies for a passport or who listens to the news security is the watchword. At the apparent behest of 'you know where' our passports are undergoing change because of 'biometrics' We mustn't show our teeth in a smile in our passport photos and God help you if you have a hare lip! The Yanks, it appears, don't like it. If you want to visit USA you have to attend their embassy in Grosvenor Square [bounded by Blackburne's Mews] and have your dabs taken for a princely sum. And what do we demand of the Americans who come to this country? Nothing! Well here's a little something that shows Britain at its best. On 3rd July, around 2000 and at Terminal three Heathrow LHR, passengers with links to Islamic terror groups [*that's what the report claimed*] entered without immigration checks following an astounding security lapse. The travelers were from Oman [*terror links in Oman?*], Sri Lanka, Mauritius and Ethiopia and passed through without being asked to show their passports. Instead they were diverted through a gate for arrivals for EU citizens as the arrivals hall was crowded and there were only four officers on duty at passport control [Everywhere I've ever been, and that includes Khartoum, there were insufficient facilities and we were made to wait]. An investigation has been mounted. Wonder if any are a threat to the UK? No, they are probably visiting their relatives who came here as asylum seekers/health/financial refugees - the majority probably won't be going back either. See Mail on Sunday, p36 22/08.

If these ignored immigrants were terrorists....

Despite £5M programme to strengthen protection against terrorist attack at Parliament a man scaled a fence near to Big Ben [It's actually St Stephen's Clock Tower - Big Ben is the bell] and apparently entered a sensitive area. Despite Parliament being a known MI5 designated terror target the man slipped through a gateway not properly locked by a builder. Not an Islamic terrorist bent on destruction but a harmless eccentric the man was released without charge. Previous notable events with similar impact were the scaling of St Stephen's Clock Tower and the showering of Tony Bliar with coloured powder.

Enigma – an appraisal from Germany.

One of our German monitors, Daniel, writes, "On August 15, the commercial TV station SAT.1 here in Germany showed the movie "Enigma" as a German TV premiere. I found it rather interesting as it has some scenes in which the setup and operation of Enigmas are being presented, as well as the "bombs" deciphering machines and "Type X" machines at Bletchley Park.

This is an espionage thriller interwoven with a love story and everything but a detailed documentary on Enigma and the breaking of its code (don't expect a "crash boom bang" action movie).

Though I think I can point out the movie to all of us interested in cryptography and history who might not yet have seen this three years old production. (I am grateful for a movie that deals with the Enigma.) The details for those interested are:

German title: "Enigma - Das Geheimnis"

Original/English title: "Enigma"

Based on a novel by Robert Harris

Produced: 2001, GB/D/USA

With Kate Winslet, Dougray Scott, Saffron Burrows; director: Michael

Apted ("James Bond: The World is not enough", "Gorky Park"); producer: Mick Jagger  
Also available on DVD." [Tnx Daniel]

Osiris goes Transatlantic - and in reverse too

Apparently the biggest international counter-terrorist exercise is to be staged by British, Canadian and American experts next year. This transatlantic scenario is expected to last a week with a scenario where mock terrorist attacks in the US then spread to Canada then Great Britain. The possible format for this exercise is thought to include chemical, biological or a radioactive attack with a dirty bomb. There may also be a series of hijackings. Experts in London, Ottawa and Washington are now competing for the exercise. *[E2k can predict the outcome; America will survive, win and beat all the terrorists. Canada and Britain will be lost as they will have to be sacrificed for the American way of life].*

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

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

More Info on 'oddities' can be found on Brian of Sussex' excellent web pages: <http://dSPACE.dial.pipex.com/brogers/page2.html>

Some CODAR/HF Radar info sent from AnonMW: <http://ion.le.ac.uk/cutlass/index.html>

<http://www.codaros.com/index.htm> <http://ifmaxp1.ifm.uni-hamburg.de/Info.shtml>

#### RELEVANT WEB SITES

<http://www.eyespy.com/bnews5.html>

[http://www.bbc.co.uk/bbcthree/spy/spy\\_overview.shtml](http://www.bbc.co.uk/bbcthree/spy/spy_overview.shtml)

<http://www.pfe.gov.uk/booklet/index.htm>

<http://www.preparingforemergencies.co.uk/>

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

Here's an interesting and different read: <http://www.stoppoliceterror.com/>

<http://militaryradio.com/spyradio/index.html>

#### STOP PRESS

BT announced that as from 31st December 2004 it is discontinuing its Pager system. That means that ENIGMA 2000 ceased taking messages on its pager number, 07626 276417[ENIGMA 2000 Number Station Monitors Group Message 3621] on 16<sup>th</sup> August, 2004

E: Tnx your post, recommend Icom IC-R71E but depends on what you wish to spend.

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

**Please note that all items intended for publication in the next ENIGMA 2000 newsletter should be received in good time. Please send your articles, news items and requests via: [enigma2000-owner@yahoo.com](mailto:enigma2000-owner@yahoo.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'.**

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Totally predictable, we end with two quotes this time that simply follow on....

"...Our enemies are innovative and resourceful, and so are we. They never stop thinking about new ways to harm our country and our people, and neither do we."

George W Bush

~ and ~

"I speak better English than this villain Bush."  
Mohammed Saeed al- Sahaf, Iraqi Minister of Information