

## ENIGMA 2000 NEWSLETTER

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

July 03  
Issue 17

Welcome all to Issue 17, July 2003. Once again we give tanks to all our contributors for their ongoing support, and the interesting/lively discussions on the group site

Solar activity at end of May/early June seriously affected many of our monitors, while the event on 28 June gave some interesting results in the lower VHF area during the last few days of June (but no number stations ☺)

2 X-Class flares on consecutive days, May 27/28<sup>th</sup>, blacked out much of the sunlit earth with recovery times of hours in some areas and disturbed conditions lasting up to a week (thanks to <[ips.gov.au](mailto:ips.gov.au)> , who also circulated Geo Storm warnings/CME alerts for 29<sup>th</sup> May, 17/18<sup>th</sup> & 28<sup>th</sup> June.

### ENIGMA CONTROL LIST

Please amend your Issue 18 info on M39, we will not produce a new one for this minor change.

M39 Was presumed inactive, not so, it's back. See entry  
 E11 New Fri 12.30z sked found, which may be short lived, see entry  
 S28/XB sent mssg at 23.55z.  
 V02a BM spotted an unusual V2a format in late May, TX'ing a previously unheard "null" message, see entry  
 S10d Some interesting variations, see entry  
 E07 Noted from a posting to "Spooks" that voice had a Cornish accent !!

### BEGINNERS CORNER

GD, for this issue, provides a prediction list for the M03 station (in addition to the regular M13 Chart)

This will be in effect until September 03 when it starts using its Winter Freqs again, which we hope to publish in the next issue. Tx's are in MCW or ICW at approx 17wpm, some Tx's at 5wpm.

Day	Time	Freq	Call
Daily	16.30z	7377	287
Mon	07.00z	5082	040
	09.00z	7439	976
Tue	07.30z	5082	041
	07.45z	10245	503
	08.30z	8544	182
	09.30z	6480	552
Wed	07.30z	6787	508
Thu	09.00z	6480	018
	10.30z	7377	214
Sat	08.00z	9339	624

newly found sked

Apart from the daily 16.30z and Sat 08.00z which are always "null" mssgs the others send infrequent mssgs. The GC is always either 3n or 5n and an indication that a mssg is to be sent is signified by a minor change to the expected call. If Tue 08.30z calls 184 rather than 182 a mssg will follow.

It is expected that there are further, as yet unreported, skeds. E2K/GD would appreciate any loggings in preparation for producing the Summer 2004 list.

### M13 Prediction Chart July 2003

Day	Dates	Time	Freq	ID	S	Notes
T	15	0300	8247+–	???A	233	
T	15	0330	12136+–	458	225	
T	1 15	0500	11477+–	272	270	
T	1 15	0600	Srch 6/9	572	226	
T	1 15	1900	8215	118	220?	
T	15	2000	9378	491A	233	Possible only 0300 Sked
T	1 15	2100	9184	272	270	
T	15	2200	12216–	458	225	
W	2 16	0300	7722	254	236	
W	2 16	0600	Sch 9/10	823	226	
W	2 16	0630	12216+–	474	226	Most likely freq –
W	2 16	1230	Sch 9/11	823	226	
W	2 16	2100	6574	254	236	
W	2 16	2100	4961	522C	228	
W	2 16	2145	6878	757	251	
Th	3 17	0300	7722	254	236	
Th	3 17	0600	Sch 8/10	823	226	
Th	3 17	0630	12216+–	474	226	Most likely freq –

Th	3 17	1230	Sch 9/11	823	226	
Th	3 17	2000	12884	253	229	
Th	3 17	2100	4961	522C	228	
Th	3 17	2100	6574	254	236	
Th	3 17	2145	6878	757	251	
Th	3 17	2200	7317+-	186	240	G22
F	4 18	0400	8677+-	284	226	
F	4 18	2000	8153	284	226	
F	4 18	2000	12884	253	229	
F	4 18	2145	6878	757	251	
S	5 19	0230	6714	303D	???	
S	5 19	0300	6212-	378	261	
S	5 19	0400	8677	284	226	
S	5 19	0430	5874	411	251	
S	5 19	2000	8153	284	226	
S	5 19	2030	5874	411	251	
S	5 19	2100	5466	378	261	
Su	6 20	0230	6715	303D	???	
Su	6 20	0430	5874	411	251	
Su	6 20	19/20	12494	261	270	
Su	6 20	2030	5874	411	251	
Su	6 20	2110	5286+-	427	729	
M	7 21	0300	6212-	378	261	
M	7 21	0800	Srch 7/9	456	169	
M	7 21	19/20	11054	517	230	
M	7 21	19/20	????	261	270	Freq search 10427 to 9242
M	7 21	2100	5466	378	261	
M	7 21	2110	5286+-	427	729	
M	7 21	2120	10324	746	231	
T	8 22	0800	Srch 7/9	456	169	
T	8 22	1300	8077	679	243	
T	8 22	19/20	11054	517	230	
T	8 22	2100	5686	346	224	
T	8 22	2120	10324	746	231	
T	8	2145	3868	342	239	S04
W	9 23	1300	8077	679	243	
W	9 23	2100	5686	346	224	
W	9	2145	????	269	193?	E18 Possible 2100/2200 sked
Th	10 24	15/17	8688	201	226	
Th	10 24	2000	12754	714	226	
Th	10	2145	????	269	193?	E18 Possible 2100/2200 sked
F	11 25	15/17	8688	201	226	
F	11 25	2000	12754	714	226	
S	12 26	0230	6715?	303D	???	Possible
S	12 26	2100	4638	175B	273?	
Su	13 27	0230	6715?	303D	???	Possible
Su	13 27	1900	7834	417	226	
Su	13 27	2100	4638	175B	273	
Su	13 27	2115	10621+-	501	230	
M	14 28	0300	8247-	???A	233	
M	14 28	0330	12136+-	458	225	
M	14 28	1900	7834	417	226	
M	14 28	2000	9378	491A	233	Possible only 0300 Sked
M	14 28	2115	10621+-	501	230	
M	14 28	2200	12216-	458	225	

**Please note**

**For Mondays 7/21st at 19/20.00z I would like some help to find the frequency for 261, as it is the only one missing in my list.**

**Mondays 14/28th and Tuesdays 15/29th 03.00z**

**If anyone is listening at this time, I would like to find the frequency for M13A as it seems to have dropped the 2000 transmission.**

SELECTED MORSE STATIONS

Oops, the "New M88" published in Issue 16 has now been identified as an M03, the Enigma Control List issued a few days later carries this amendment.

#### Unid 1 IB

15 May, 13.54z, 9108kHz. A "marker like" "vvv vvv vvv 723 723 723"

#### Unid2 IB

17 June, 00.52z, 8013kHz. Clg "vvv cq cq de 3us 3us 3us t t t (rptd)  
"vvv o8e o8e o8e de 3us 3us 3us r k"

#### Unid3 IB

17 June, 01.37z, 11404kHz. Clg "vvv 0kuv 0kuv 0kuv de 0huv 0huv k qsv 75 qsv 75 k"  
"vvv 0kuv 0kuv 0kuv de 0huv 0huv k qsv 9/ k"

#### Unid4 IB

29 June, 13.55z, 6725kHz, in prog. Clg "... ez2 eic2 ei4s, no ending"

#### Unid5 IB

24 June, 09.00z, 8668kHz. Clg "vvv = wxvd wxvd wxvd ar (r5) sk sk sk sk"

#### M01 Group

No reports received

#### M8a

MS theorized that messages with higher ending indicators than the usual 1,2 or 3, near the end of a month, are just repeats (used as padding) to fill the skeds until the new cycle begins, as are V2a TX's

(A review of the E2K archives supports this theory, Ed)

Additional freqs heard 3025,4029, 7975, 8010, 8096, 8136, 9238, 9330, 10293, 10466, 10566, 10715, 10858, 11431, 11565, 12093, 12325, 13257kHz.

BM reported that on 13 May at 03.04 (in prog) there were 2 non // TX's giving mutual QRM on 10125 & 10126kHz

MS reported that on 18 May at 10.00z the same thing happened on 8136 & 8137kHz, the 8137 TX stopping after 7 mins and did not resume.

24 May, 09.00z, 10126kHz. TX'er problems, terminates at 09.03z

During early June some Tx's noted with missing "initial 3 min callups" on the 08.00 & 10.00z skeds, and a reduction in activity.

On 9 June, 11.00z sked, 10126kHz carrier up until 11.16z but no Tx made.

Again on 15 June 11.00z sked, 9238kHz carrier up till 11.03z then "garbled" characters. The 10.00z sked had a late start.

On 21 June 10.00z again 2 non// TX's giving mutual QRM on 3025kHz and then also on 3244kHz. This days 13.00z sked on 12093kHz should have been a repeat of the 12.00z on 10858kHz but it used DIFFERENT calls, after 2 mins the Tx was speeded up and became garbled.

(comforting to hear that this station remains consistent with its c'ups. Ed)

#### M10 MCW & CW

No set freqs, patterns emerging and being investigated. Appears to be re-using last years freqs, with minor, +-2k, changes on some Tx's Daily ! 1720z sked on 8190kHz continues.

DoK spotted a new 0400z pairing in May of 3808/5861 kHz, the 04.10z was 6780/? kHz.

RN identified the following pairings in May, all 555 Tx's.

14.10z 7380//10922 kHz. 16.30z 4031//6801kHz 17.20z 8190//12295kHz

Other freqs heard 5860, 6780, 7380, 7475, 8142//12227, 8190//12295, 9165, 14563kHz [See Slavic Desk's Chart No 6 on Page 15]

#### M12

Was considered to be a "no set freq/sked" but ongoing investigation is showing patterns emerging. Timing still erratic.

Possibly reduced activity in May/June. Further evidence of annual freq usage, but instances of reusing previous months freqs.

Key Clicks in evidence and freqs that are weak during the winter now becoming stronger.

Sample logs.

2 May, 21.00/21.20/21.40z on 14967/13576/12076 same as in May 2002

4 May, 07.00z, 14784kHz

9 May, 17.00z, 8084kHz. Unusual Tx for this Friday Sked as it was a 2min null mssg, would have expected the more usual 140+ gps. The 17.20z repeat was the same.

11 May, 19.40z & 20.00z skeds on 12193/10412kHz were much longer mssgs than expected

18 May, 07.00/07.20z, 14784/16084kHz. The first "full mssg" Tx for some weeks for this early Sunday sked.

21 May, 05.30z 10144kHz

1 June, 07.00z, 16216kHz, as June 2002

3 June, 05.35z, 10697kHz, in prog, Tx stopped then continued a minute or so later.

9 June, 05.30z, 10697kHz. A marathon "604" with 357 gp mssg, one of the highest logged. This Tx repeated on 16 June 06.30z, 10697kHz.

10 June, 21.00z, 9222kHz

18 June, 05.50z, 12097kHz. Beat note with BBC World Service on 12095kHz.

#### M12a Two message variant

21 May, 05.30/05.50z, 10144/11544kHz.

PoSW caught this "early bird 154" two Mssg, while expecting the normal M12, sending 137 & 39 gps.

A long time since we reported this one, well done P.

#### M13

Loggings generally as expected from GD's prediction chart in last issue.

Additional loggings, not on chart

18 May, 20.00z, 13415kHz, 261 sked, heard in full by MS, as follows.

Begins 20.00z

261 (R5) BT 268 21 BT  
20.05z  
40511 29052 03721 24248 20983  
22033 26609 07255 17151 37118  
27698 58199 29719 55591 06424  
52943 35675 39170 46658 61404  
63291 BT  
22.08z  
261x12 BT 268 21 BT  
above 5lg repeated  
000  
ends 21.12z

21<sup>st</sup> May, 16.00z, 14873kHz.  
2 June, 20.08z, 6947kHz, in prog. Faster sending than usual with a higher than average 54 gp mssg

M13a  
The 20.00z skeds ceased, 03.00z still going but proving somewhat elusive.

M13b  
Possible sked on 26 Apl, 21.00z, 4031kHz

M13c Special 2x month MCW  
19<sup>th</sup> June, 21.00z, 5174kHz. "134"

M13d  
MS spotted, again, the somewhat elusive 02.30z sked in early May on 6715 kHz.  
The TX used the standard M13 format but the details that led MS to believe it was the "d" variant were :-  
a. predicted date/time correct  
b. callsign pattern  
c. message number  
d. TX speed & signal properties as expected

Correct ID'ing later confirmed by GD.  
(If it was not for MS's attention to detail, and cross-checking with other CW monitors, this could have been recorded as a "plain vanilla M13" Ed)  
The first weekend of June was NRH

M22 4XZ  
We do not normally report this one but it was again spotted on 24 May, 19.55z, using the International Time Freq 5000kHz.

M23  
**Logged on 22 or 23 June, time freq unk, by IB.**  
**The ID confirmed by GD who then caught it on 25 June, 09.20z, 7800kHz with a single call of "222"**  
(previously last logged 26 Feb 03, so it's still alive and well, Ed)

M24 High speed M14  
On 12 June, 19.00z, 10260kHz & 19.30z, 9065kHz. Differing calls

M29  
**Not heard in June on expected freqs ??, any reports appreciated.**

M39  
Very rare these days, indicated in Control List 18 as possibly inactive as not heard for so long, this has now been amended.  
Logged by GD on **21 May** at 09.00z on 6887kHz sending a double TX, as follows:-  
(What a brilliant catch. Ed)

09.00z	260x3	23788x3	x6
09.05z	260x3	25996x3	x6
09.08z	260x3	10688x3	x6

Ends 09.10x

09.15z	380x3	70062x3	x6
09.20z	380x3	32992x3	x6

Ends 09.22z

M42 FAPSI Network  
IB logged a rare MCW 100 gp Tx on 5 June, 10.30z, 13979kHz, normally RTTY or MFSK. Very good catch  
Appeared again on 17 June, 04.30z, 13920kHz, MCW 103 gps with slow morse starting and ending gps.

M51  
What is this station doing??. Used to be TX'ing almost daily. Previous last logging 2<sup>nd</sup> April.

Only appeared on Mon 26 May 07.00z, 4899kHz. Tue 27 May 10.30z, 5867kHz.  
An unconfirmed report for 29 May, 19.45z, 5440kHz also noted.  
( GD confirms still active, Ed)

M76  
Up to Mssg 390 by 3 May

M83  
No set freqs  
Still active in European mornings, mainly around the 5meg area.

M87 MCW cut (all per IB)  
15 May, 23.05z, 10517kHz "651 null mssg"  
19 May, 00.01z, 15883//7940kHz "684 null mssg" with a very odd construct.  
684x? 000"  
684x6 000  
684x14 000  
684x7 000  
684x9 000 000

25 May, 15.35z, 7583kHz, 28 gp mssg.  
26 May, 01.23z, 855kHz, in prog, ending with 2x 52 gp mssgs.  
18 June, 02.05z, 9389kHz, in prog-callup missed, 20 gps repeated  
24 June, 01.37z, 10725kHz, in prog, "249 000 000" nul mssg

Thanks to :- GD, IB, JP, LP, ML, MoK, MS, PoL, PoSW, RN, Anon1 UK, Anon2 EU

#### SELECTED VOICE STATIONS

We start off with an unid from Mike of Kent:  
Unid, today [02/05] while preparing for the 12.40z E25.  
2 May, 12.33z in prog, 9445(ish)kHz, YL, Eng ??, 5f, ending "000" (as Zero) 12.35z AM (type) sig with FM element, very wide, impossible to clearly resolve in AM,USB,LSB,DSB,FM. Also heavy QRM ??? which went when carrier dropped 12.35.20z.  
Mike of Kent further noted that the modulation was very similar to the Unid B/C station, 6640kHz mentioned in Issue 12:

'Unid b'cast station regularly heard on 6640kHz, European evenings (18.00 - 22.00z). It would not appear to be a typical EC band pirate ( as is 6660/70kHz) and a number of monitors have tried to resolve it , in all modes - AM, FM, USB, LSB, ISB, DSB, without success. Our interest is the occasional data burst - is it related??, any info appreciated.'

Thanks MoK! [See E11](#)

PoSW offers this interesting find: Unidentified language;- presumably a number station of some kind;-  
21-May-03, Wednesday, 2104 KHz, 5,358 KHz, YL voice, AM with lower sideband suppressed, calling what sounded like "Geyk shim adnika cheeta noy noy" repeated over and over until just after 2105z, ended with something like "Seech". Perhaps someone can identify the language. Not heard since.

PoSW also informs us of a couple of "Non - number station " observations;-

3-May-03, Saturday, 0727z, 13,855 KHz, American Forces Radio in single sideband mode (upper), very strong signal, heard on several occasions since - although not quite as strong- with news, sports, feature programmes, etc. On the Holiday Monday, 5-May, was noted relaying "National Public Radio" with American domestic news. Must be for the benefit of U.S. military personel somewhere, I suppose.

4-May-03, Sunday, the welcome return of an old favourite, pirate broadcast station "Swinging Radio England" heard at 0745z on 6,275 KHz; sounds like some of the same presenters from "Radio Free London" which was on 5,805 KHz for many years. I thought they had given up on the radio business but they were back with comedy - "The Goon Show" and "The Navy Lark" from way, way back and music. Also heard on the Holiday Monday with a strong signal and good modulation. [Likewise at PLondon's QTH].  
[Txn PoSW]

Now onto the listings:  
Frequencies preceded by 'c' have been taken from an analogue receiver.

#### E03/E03a

Apart from the regulations concerning the reception of wireless stations within Great Britain advice on reporting intelligence matters also exists in the form of DA notices.

Whoever the messages, from E03/E03a, are aimed at ENIGMA 2000 has no wish to 'advertise' the existence of these stations to those who may not support the best interests of Great Britain, or its representatives abroad. Although we are unable to stop discussion of E03/E03a, ENIGMA 2000 will remain aloof from any such discussion and will not be including reports or analysis on E03/E03a.

#### E05

RN GB heard the 6970//8110kHz transmissions on 26&29/04 at 2100z and PoSW summed up E05 by stating, "No change as regards the American accent counting station E05; still just the Tuesday and Saturday 2100z transmission on 6,790 // 8,110 kHz in USB. The call /count has been 111/150 since the last week of April; signals on both frequencies are becoming stronger as we head towards summer.

There were test tones up on four E05 frequencies early in the morning on Saturday 10-May; this was at 0607z, 7.07 AM BST on 6,970, 8,110, 9,090 and 11,526 kHz. They were still on when checked an hour later.[Tnx PoSW].

PLondon heard E05:

6970kHz	2100z	03/05 [111 ...] per AF
	2100z	06/05 [111 count 150 = 967 70] //8110
	2100z	13/05 [111] from HFD.
	2100z	17/05 [via Spooks]
	2100z	20/05 [111 count 150 = 967 70] //8110
8110kHz	2100z	03/05 [111...] per AF
	2100z	06/05 [111 count 150 = 967 70] //6970
	2100z	20/05 [111 count 150 = 967 70] //8110

[Both freqs gave excellent signal strength, excellent audio].

P stated that this is the same message of 29/04 and given PoSW's thoughts [see NL16] asks if this is just a sending to maintain these frequencies? Looking for E05 on 03/06 whilst waiting for the late XP's to come up PLondon noted that E05 did not appear on either 6970//8110kHz, PoSW reinforced that by stating, "Still no sign of E05; I have been checking 6,970 and 8,110 on Tuesdays and Saturdays at 2100z or soon after but have heard nothing since Saturday 24-May."

E06

5120kHz	2000z	14/05
9145kHz	2005z	12/05 [345 345 345 00000]
9150kHz	1930z	04/05 [690 354 127]
9160kHz	2200z	07/05 [504 00000]
	2200z	21/05 [Null msg 504]
11057kHz	1849z	25/05 [in prog, ending with 827 135 00000 at 1857z] see 26/05 11070kHz*
11070kHz	1830z	05/05 [690 354 127]
	1830z	12/05 [start missed dk354/gc127]
	1830z	26/05 [690 827 135] repeat of * 13kHz higher.
12190kHz	1500z	24/05 [658 00000]
14780kHz	1400z	11/05 [start missed dk274/gc66]
	1400z	24/05 [Null msg 658]
14890kHz	0600z	02/05 [529/870 45 55101 00000]

[Thanks to AF, Gert, HFD, PoSW and RN GB]

PoSW remarks: "The E06 English Man has been noted again on Saturdays at 1230z + 1330z in June; this long - standing schedule vanished during April and I couldn't find it at all in May."

June from Gert and HFD

11480kHz	2100z	04/06 [296:0]
14570kHz	1400z	14/06 [null msg 145]
16313kHz	1230z	14/06 [null msg 873]

June logs from PoSW:

4-June-03, Wednesday, 2100 UTC, 11,480 kHz, "296 296 296 00000", very strong, S9+ signal, lower sideband well suppressed. Carrier with tone was warming up the frequency 2047z.

5-June-03, Thursday, 1930 UTC, 9,260 kHz, calling "690" - same as heard on Sundays and Mondays in May, DK/GC "827 827 135 135", same as heard on 25 and 26 of May. Signal strength up to S9, lower sideband well suppressed.

7-June-03, Saturday, 1339 UTC, 14,851 kHz, E06 in progress, good signal but QRM from TV timebase and signal processing circuitry, this being a Saturday afternoon; it just gets worse. Ended just after 1350z with "501 501 96 96 00000". Looks as if the Saturday 1230z + 1330z E06 might be back although I had searched up and down the band after 1230z and found nothing.

14-June-03, Saturday, 1220 UTC, 15,815 kHz, "761 761 761 00000", this schedule is still around; missed it in May; should be around on the second and fourth Saturdays in the month although sometimes seems to vanish for a few weeks. Repeated 1320 UTC, 17,435 kHz. This schedule always has both upper and lower sidebands, i.e. standard AM, unusual for E06.

1230 UTC, 16,313 kHz, the 1230z + 1330z weekly Saturday E06 is back; the second sending was logged last Saturday; unable to find for a couple of months - or perhaps it was just a very weak signal. "873 873 873 00000".

1330 UTC, 14,851 kHz, repeat of "873 873 873 00000". Both transmissions with lower sideband well suppressed

1500 UTC, 12,180 kHz, yet another E06, "145 145 145 00000", strength only S5 or so, lower sideband well suppressed, carrier with tone noted 1446z. [Tnx PoSW].

E07

The E07 English Man has been noted at the following times in May:-

Monday and Wednesday Schedule:-

Noted on Wednesday 14-May; 2000z, 15,638 kHz; 2020z, 13,872 kHz and 2040z, 12,203 kHz with "682 682 682 1", DK/GC "536 37" x 2. The first sending is almost unreadable due to BC QRM - inside the 19 metre BC band - and the usual low modulation which remains a feature of all E07 transmissions.

Sunday and Wednesday Schedule:-

Noted on Sunday 11-May; 1700z, 14,942 kHz; 1720z, 13,472 kHz and 1740z, 12,127 kHz with "941 941 941 1", DK/GC "321 94" x 2. Modulation on all three sendings was very low making for difficult copy and in addition the third sending is inside the 25 metre BC band with severe broadcast QRM a problem. The same schedule had also been noted on Wednesday 7-May. [Gert of Holland also informed us of the Sun/Wed schedule].

Thursday Schedule:-

No sign of an E07 schedule starting at 1800z on Thursdays in May - there was such a schedule in March and April - but E07 has been noted at a later time on Thursdays in May. On Thursday 1-May E07 was heard at 2030z, 9.30 PM BST on 12,177 kHz - the carrier with tone having been noted a few minutes earlier - calling "374 374 374 1", then DK/GC "2540 36" x 2. This was unusual as the "Call" of 374 gave no clue as to the frequency, i.e. usually the three figures of the call represent the hundreds of kilohertz part of each of the three frequencies used so for 12,177 one of the figures of the call should have been a 1. No repeat sendings were found. Turned up again on 8-May with "374 374 374 000" and on 15-May two sendings were found, 2010z, 13,368 KHz and 2030z, 12,177 KHz, again with "374 374 374 000".[Tnx PoSW]

7739kHz	0510z	07/05 [Null msg 701]
	0510z	09/05 [Null msg 701]
	0510z	14/05 [Null msg 701]
	0510z	16/05 [Null msg 701]
	0510z	21/05 [Null msg 701]
9042kHz	0530z	16/05 [Null msg 701]
	0530z	28/05 [701-2834/153=13283]
10186kHz	0550z	28/05 [701 - 2834/153 = 13283] -gert
12203kHz	2040z	12/05 [682-536/37=25517]
13472kHz	1740z	14/05 [Null msg 941]
	1720z	21/05 [941 1 -321/94=02057]
13872kHz	2020z	05/05 [Null msg 682]
	2020z	07/05 [Null Msg - weak] per AF
	2020z	14/05 [682]
	2020z	21/05 [Null msg 682]
14942kHz	1700z	14/05 [Null msg 941]
	1700z	21/05 [941 1 -321/94=02057]
14982kHz	1700z	04/05 [Null msg 941]
15638kHz	2000z	12/05 poor sigs, very bad per AF

[Tnx AF, Gert, HFD and PoSW]

Several schedules logged in June:

Monday and Wednesday Schedule:-

9-June-03, Monday, 2000z, 16,284 kHz, repeat sendings 2020 UTC, 14,389 kHz and 2040 UTC, 13,447 kHz, "234 234 234 1", DK/GC "408 83" x 2. Strong signals on all three sendings and the modulation deeper and more readable than usual. The 2020z transmission was flattened for a short while by one of those roaring noise transmissions of which there are a great number throughout the short - wave spectrum - although they keep clear of the broadcast and amateur bands - which came up during the call - up then went off at 2023z. Logged on Wednesday 11-June with DK/GC "428 102" x 2.

Sunday and Wednesday Schedule:-

1-June-03, Sunday, 1700 UTC, 13,918 kHz and 1720 UTC, 12,212 kHz, "921 921 921 000". Strong carrier but very low modulation making copy difficult; has only been "No message" so far when heard in June, i.e. on Sundays 8th and 15th.

Thursday Schedule,

5-June-03, 2010 UTC, 13,511 kHz, "113 113 113 1", DK/GC "548 57" x 2. Repeated 2030z, 12,115 kHz and 2050z, 11,132 kHz, all three transmissions strong carriers but very low modulation. Same message was heard on 12-June. [PoSW].

For June 03 from Gert, HFD, PoSW and RN GB:

8251kHz	0510z	11/06 [246/0]
11132kHz	2050z	05/06 [113-548/57=99873]
11478kHz	1843z	05/06 in progress
12212kHz	1720z	11/06 [921 000]
13447kHz	2040z	04/06 [234:1]
13918kHz	1700z	11/06 [921 000]
14389kHz	2020z	04/06 [234:1]
16284kHz	2000z	04/06 [234:1]

E10 for May and June[From our E10 desk]:

E10 May 03

3.150

00:35 01/5 PCD G25

3.270

01:15 01/5 KPA2

3.360

22:45 10/5 CIO2 \* 23:45 28/5 CIO2

3.417

01:30 01/5 ART2

3.640

00:45 01/5 SYN2 \* 19:45 02/5 SYN2 \* 23:45 10/5 SYN2 \* 23:45 28/5 SYN2

3.840

01:00 01/5 YHF G44 \* 23:00 21/5 YHF G82

4.015

23:45 10/5 VLB2 \* 23:45 28/5 VLB2

4.165

00:45 01/5 CIO2 \* 19:45 02/5 CIO2 \* 21:45 10/5 CIO2 \* 23:45 28/5 CIO2

4.270

00:01 01/5 PCD2 \* 23:00 04/5 PCD G87+G35 \* 00:01 15/5 PCD2

4.360

01:15 01/5 KPA2 \* 22:15 15/5 KPA2

4.461

00:01 01/5 FTJ2 \* 23:00 02/5 FTJ G110+G25 \* 23:00 04/5 FTJ G110+G25

00:30 15/5 FTJ G32

4.560

00:01 01/5 YHF2

4.648

00:45 11/5 SYN2

4.780

01:15 01/5 MIW2 \* 23:15 10/5 MIW2

4.880

00:01 01/5 ULX G35 \* 01:30 01/5 ULX2 \* 22:30 10/5 ULX2

5.091

20:00 02/5 JSR G9+G33 \* 22:00 15/5 JSR G24+G41

5.170

00:45 01/5 VLB2 \* 22:45 10/5 VLB2 \* 23:45 28/5 VLB2

5.230

23:45 04/5 CIO2 \* 23:45 28/5 CIO2

5.339

01:15 01/5 KPA2 23:15 10/5 KPA2 \* 22:15 18/5 KPA2 \* 21:15 22/5 KPA2

5.435

00:30 01/5 ART G118 \* 00:01 07/5 ART G57 \* 23:00 21/5 ART G18

6.370

23:45 04/5 VLB2 \* 20:45 07/5 VLB2 \* 21:45 10/5 VLB2 \* 00:45 15/5 VLB2

18:45 20/5 VLB2 \* 19:45 22/5 VLB2 \* 23:45 28/5 VLB2

6.498

22:30 10/5 PCD G21

6.575

00:01 13/5 HNCS \* 00:30 13/5 HNCS \* 00:45 13/5 HNCS

22:56 27/5 HNCF

6.840

00:30 01/5 EZI G79 \* 19:04 02/5 EZI G96 \* 23:00 10/5 EZI G93 \* 23:00 20/5 EZI2

6.912

19:45 02/5 VLB2 \* 23:45 04/5 SYN2 \* 20 :45 07/5 SYN2 \* 21:45 10/5 VLB2

22:45 10/5 SYN2 \* 23:45 12/5 SYN2 \* 00:45 15/5 SYN2 \* 20:45 18/5 SYN2

18:45 20/5 SYN2 \* 19:45 22/5 SYN2 \* 23:45 28/5 SYN2

6.986

20:00 02/5 ART2

7.605

20:15 24/5 KPA2

7.745

01:15 01/5 MIW2 \*00:15 11/5 MIW2 \* 22:15 15/5 MIW2 \* 22:15 18/5 MIW2

21:15 22/5 MIW2

7.811

18:45 20/5 CIO2

7.918

19:00 13/5 YHF G72

9.130

21:00 05/5 EZI G93 \* 00:01 07/5 FTJ2 \* 23:00 12/5 EZI G73 (MQKIF)

23:30 14/5 EZI G73 (MQKIF) \* 21:00 15/5 EZI G83 (NDNYP)

23:00 15/5 EZI G83 (NDNYP) \* 21:00 18/5 EZI G83 (NDNYP) \* 22:30 18/5 EZI G8 (IJFBK)

23:00 18/5 EZI G83 (NDNYP) \* 23:30 18/5 EZI G15 (YXHGF) \* 19:30 19/5 EZI G70 (VNADE)

20:00 19/5 EZI G62 (MHCOO) \* 21:00 19/5 EZI G83 (NDNYP) \* 21:30 19/5 EZI G117 (ZKYCQ)

22:30 19/5 EZI G120+G? Never completed opening group ran out of time.

23:00 19/5 EZI G83 (NDNYP) \* 19:30 20/5 EZI G70 (VNADE) 20:00 20/5 EZI G62 (MHCOO)

21:00 20/5 EZI G83 (NDNYP) \* 21:30 20/5 EZI G117 (ZKYCQ) \* 22:30 20/5 EZI G78 (SMYIE)

23:00 20/5 EZI2 \*23:30 20/5 EZI G73 (MQKIF) \* 19:30 21/5 EZI G70 (VNADE)  
 23:00 21/5 EZI G83 (NDNYP) \* 23:30 21/5 EZI G73 (MQKIF) \*19:30 22/5 EZI G70 (VNADE)  
 20:00 22/5 EZI G62 (MHCOO) \* 21:00 22/5 EZI G83 (NDNYP) \* 21:30 22/5 EZI G117 (ZKYCQ)  
 22:30 22/5 EZI G48 (CZZZF) \* 23:00 22/5 EZI G83 (NDNYP)  
 19:30 24/5 EZI G71 (QXINV)+G32 (XOGKG) \*20:00 24/5 EZI G64 (ITCFT)  
 21:00 24/5 EZI G83 (NDNYP) \* 22:30 24/5 EZI G15 (ZGYLR) \* 23:00 24/5 EZI G83 (NDNYP)  
 23:30 24/5 EZI G73 (MQKIF) \* 23:30 25/5 EZI G73 (MQKIF) \* 21:30 26/5 EZI G16 (JGKBO)  
 19:30 27/5 EZI G71 (QXINV)+G32 (XOGKG) \* 20:00 27/5 EZI G64 (ITCFT)  
 20:30 27/5 EZI G81 (VZZXG)+G34 (NNOTK) \* 21:30 27/5 EZI G16 (JGKBO)  
 22:30 27/5 EZI G83 (CXEMZ)+G70 (ZFUOI) \* 23:00 27/5 EZI G81 (VZZXG)+G34 (NNOTK)  
 23:30 27/5 EZI G73 (MQKIF) \* 23:00 28/5 EZI G81 (VZZXG)+G34 (NNOTK)  
 23:30 28/5 EZI G73 (MQKIF)  
11.565  
 20:00 04/5 EZI G75 \* 20:30 07/5 EZI2 \* 20:30 19/5 EZI2 \* 22:00 19/5 EZI G15 (YXHGF)  
 20:30 20/5 EZI2 \* 22:00 20/5 EZI G17 (ARQ-Z) \* 23:00 20/5 EZI2 \* 20:00 22/5 EZI G62 (MHCOO)  
 20:30 22/5 EZI2 \* 21:00 22/5 EZI G83 (NDNYP) \* 22:00 22/5 EZI G55 (PHYIZ)  
 22:30 22/5 EZI G48 (CZZZF) \* 20:30 24/4 EZI2 \* 23:30 24/5 EZI G73 (MQKIF)  
 22:00 26/5 EZI G104 (CWPPE) \* 20:30 27/5 EZI2 \* 22:00 27/5 EZI G50 (YPWUW)  
 23:30 28/5 EZI G73 (MQKIF)

E10 Comments

On three occasions this month VLB2 & SYN2 have changed over freq's, on the 04/5 at 23:45hrs on the 10th at 21:45 hrs and 22:45hrs The freq's involved were 6.370 & 6.912. Looking through my logs commencing Jan 03 the two freq's have been occupied thus:-

Jan	6.370 KPA2/SYN2 6.912 MIW2
Feb	6.370 SYN2 6.912 MIW2
Mar	6.370 KPA2/SYN2 6.912 MIW2/VLB2
April	6.370 SYN2 6.912 VLB2
May	6.370 SYN2/VLB2 6.912 VLB2/SYN2/VLB2/SYN2

13/5 00:01hrs HNC-S one of our more rarer c/s, graced the airwaves after a long absence, this was last recorded by me on the 24/10/02 on the same freq 6.575. (That year it was heard 7 times) No message just 4/5 mins of C/sign only. And again at 00:30hrs. And again at 00:45hrs. Nothing further heard.

27/5 22:56 HNC-F became active, its the first time I have recorded this one.

Thanks to a posting in Spooks, concerning the number of times some group messages were being repeated by individual stations, I decided to take this up and concentrated on EZI on frequencies 9.130 & 11.565, being the best at this moment. At the times I was able to listen, EZI was extremely prolific. See log above.

You will note that EZI did not transmit at 20:30 & 22:00hrs on 9.130 but came up on 11.565 at those times as EZI2 or EZI with another group message or another repeated one. Most groups sent were quite large and in some cases two groups were sent together combine this with the slow reading of the sender, a majority of the messages did not complete at the Repeat stage just simply ran out of time and stopped abruptly. In one case at 22:30 on the 19/5 EZI sent a G120+G? and never even completed the opening group. It seems silly to send messages knowing that you could not send all of it in the allotted time span, had the important part of the message already been sent in the first few moments? and the rest sheer bluff. What if the receiver did not get it first time round? perhaps that's why so many are being repeated. No, perhaps that's too simple an answer, if an answer at all, it would be nice to hear what others may think.

28 May. Radio China Int. this evening at 23:15hrs, claimed that Israel has cancelled a major army exercise which was planned in response to the latest terrorist attacks and were also in near agreement with Hamas on the American peace plan initiative. Maybe EZI was sending draft copies? Mmm!

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E10 June 03

4.015  
 21:45 1/6 VLB2  
4.165  
 00:45 1/6 CIO2  
4.270  
 23:00 10/6 PCD G87 + G39  
4.360  
 22:15 2/6 KPA2  
4.461  
 21:00 2/6 FTJ G41 \* 02:00 16/6 FTJ G15 \* 00:01 17/6 FTJ2  
4.648  
 21:45 4/6 SYN2  
4.780

22:15 4/6 MIW2  
4.880  
21:30 5/6 ULX G95 + G21

5.091  
21:30 2/6 JSR2 \* 23:30 17/6 JSR G118 \* 23:30 25/6 JSR G45  
5.170  
00:45 1/6 VLB2  
5.230  
00:45 1/6 CIO2  
5.339  
21:15 1/6 KPA2  
5.435  
22:30 4/6 ART G57\* 21:30 9/6 ART G45  
5.820  
22:30 26/6 YHF2

6.210  
23:55 17/6 FDUM \* 23:05 18/6 FDUM  
6.370  
00:45 1/6 VLB2  
6.575  
23:27 8/6 HNCS  
6.912  
00:45 1/6 SYN2  
6.930  
22:15 18/6 MIW2 (Normally CIO2 on this Freq)  
6.986  
00:01 17/6 ART G38

7.445  
21:15 1/6 MIW2  
7.605  
20:15 14/6 KPA2 \* 18:00 17/6 KPA1SDJN

7.811  
21:45 1/6 CIO2  
7.918  
19:01 9/6 YHF G79 \* 20:30 10/6 YHF G50

8.025  
20:45 11/6 SYN2  
8.805  
07:00 17/6 PCD1

9.202  
18:30 17/6 YHF2

14.530  
20:30 10/6 YHF2

EZI SURVEY No2

6.840  
21:30 5/6 EZI **G12 IPKWM** \* 23:00 26/6 EZI G96 XZGZT + G18 CDJUS

9.130  
20:30 1/6 EZI G40 QIEEE  
23:00 1/6 EZI **G81 VZZXG + G34 NNOTK**  
21:00 2/6 EZI **G81 VZZXG + G34 NNOTK**  
21:30 2/6 EZI G12 IPKWM  
22:30 2/6 EZI G76 MYLWP  
23:00 2/6 EZI **G81VZZXG + G34 NNOTK**  
23:30 2/6 EZI G63 UALNO  
21:00 3/6 EZI **G81VZZXG + G34 NNOTK**  
21:30 3/6 EZI **G12 IPKWM**  
00:30 4/6 EZI G12 CDITS  
22:30 4/6 EZI G80 LLEXK + G51 VUFYA  
23:00 4/6 EZI2  
23:30 4/6 EZI **G63 UALNO**

21:00 5/6 EZI2  
 23:30 7/6 EZI **G63 UALNO**  
 22:30 8/6 EZI G93 TNJZO + G51 IMNQV  
 23:00 8/6 EZI2  
 23:30 8/6 EZI **G63 UALNO**  
 21:30 9/6 EZI **G63 UALNO**  
 22:30 9/6 EZI **G93 TNJZO + G51 IMNQV**  
 23:00 9/6 EZI2  
 23:30 9/6 EZI **G63 UALNO**  
 21:00 10/6 EZI2  
 23:00 10/6 EZI2  
 23:30 10/6 EZI **G63 UALNO**  
 23:00 11/6 EZI2  
 23:30 11/6 EZI **G63 UALNO**  
 23:30 16/6 EZI **G63 UALNO**  
 23:30 17/6 EZI **G63 UALNO**  
 23:30 18/6 EZI **G63 UALNO**  
 21:00 21/6 EZI G80 NBVHD  
 00:30 24/6 EZI G48 LUPIC  
 20:00 24/6 EZI G88 WSDBL + G41 XGLOT  
 23:30 25/6 EZI **G63 UALNO**  
 23:30 26/6 EZI **G63 UALNO**  
 22:30 27/6 EZI G101 IMTJR + G?  
 23:00 27/6 EZI **G96 XZGZT + G18 CDJUS**  
 23:30 27/6 EZI **G63 UALNO**

11.565

22:00 1/6 EZI G123 MTXTG  
 23:00 1/6 EZI **G81 VZZXG + G34 NNOTK**  
 22:30 2/6 EZI G76 MYLWP  
 23:00 2/6 EZI **G81VZZXG + G34 NNOTK**  
 23:30 2/6 EZI G63 UALNO  
 22:00 4/6 EZI G12 NWRNB  
 23:00 4/6 EZI2  
 22:00 5/6 EZI2  
 19:30 8/6 EZI G71 QXINV + G32 XAGKG  
 23:30 8/6 EZI **G63 UALNO**  
 22:02 9/6 EZI-1 No group message  
 23:30 11/6 EZI **G63 UALNO**  
 20:30 14/6 EZI2  
 19:30 15/6 EZI (no group message, ended at 1957hrs)  
 23:30 17/6 EZI **G63 UALNO**  
 23:30 18/6 EZI **G63 UALNO**  
 20:30 21/6 EZI2  
 21:00 21/6 EZI G80 NBVHD  
 19:30 23/6 EZI G89 URHXS + G62  
 19:30 24/6 EZI **G89 URHXS + G62 ?LEBL**  
 23:30 27/7 EZI **G63 UALNO**

17.410

16:30 5/6 EZI2

19.715

10:30 4/6 EZI2  
 16:30 9/6 EZI2

**\*Bold lettering** Denotes repeat of previously sent group message/s.

E10 Comments EZI Survey

What I intended this month was to continue to monitor EZI and its repeated messages and just note who is transmitting on the other frequencies. I will only make one entry to the xxx2 strings, unless there should be a change or if something exotic comes up. Come the end of the month and you see only one entry on that freq, then it is because only that C/S has repeatedly used it during the month and there has been no changes heard to the schedule.

Listening in paid off on the 9/6 at 22:00hrs EZI-1 was heard on 11.565. Five mins transmission no groups.

The top number of repeated messages so far, as heard by me are as follows

G63 UALNO	from 2/6-27/6 17 times
G83 NDNYP	from 15/5- 24/5 12 times
G73 MQKIF	from 12/5- 28/5 9 times

G81 VZZXG + G34 from 27/5-3/6 8 times

RN GB noted that some E10 stns on occasion do not come up on the expected freq he noted that ART was on 6.984.3 where it was expected on 6.986. I have also noted this with MIW2, CIO2 and this evening 18/6 that EZI transmitted on 9.125.5 instead of 9.130  
RN also sent the following E10 log For April And May which I have abbreviated for space reasons and included his June findings in the above log

21:00 26/4 FTJ on 4.461 & 7.358  
21:48 29/4 VLB2 on 4.015  
07:00 30/4 YHF on 10.648 & 14.530  
18:30 01/5 ULX on 7.760 2.743, 6.270 & 4.480  
19:00 01/5 JSR on 7.540  
19:15 01/5 MIW2 on 4.780 + 7.440  
19:15 01/5 KPA2 on 3.270 + 4.360  
19:45 01/5 VLB2 on 3.640 + 5.170 + 6.912  
19:45 01/5 SYN2 on 4.648 + 6.370  
19:45 01/5 CIO2 on 4.165 + 5.230  
23:00 01/5 FTJ2 on 2.626 + 4.461  
23:00 01/5 ART on 5.435 + 6.986  
23:00 01/5 PCD2 on 3.150 + 4.270  
23:00 01/5 YHF2 on 3.840 + 4.560  
05:15 02/5 KPA2 on 7.605  
05:45 02/5 VLB2 on 6.912  
22:45 05/5 CIO2 on 3.360  
17:15 07/5 KPA2 on 5.339 + 7.605  
17:15 07/5 MIW2 on 7.445  
19:45 08/5 VLB2 on 4.015  
18:00 12/5 YHF on 7.918 + 10.648  
22:45 12/5 SYN2 on 4.648  
23:30 15/5 YHF2 on 9.202  
23:30 15/5 PCD2 on 6.498  
23:30 15/5 ULX on 2.743 + 4.880  
07:00 21/5 YHF2 on 14.530  
22:15 28/5 FDUM on 4.418 (New Freq?)  
19:00 30/5 JSR on 7.540

17 June FDU-M at 23:55 hrs on 6.210 5mins transmission heard, no group message. Not recorded this one before though in July/Aug 02 did record FDU/FDU-4 & FDU-5

18 June at 23:05 FDU-M again, 5mins trans no groups. ( Note- also heard by RN GB on the 28/5 on 4.418)

It would appear that CIO2 has stopped using, be it temporary 6.930, and the freq is now being used by MIW2

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[Txn Bob]!

### E11

Gert found the new freq for 1300z on 13/05 as 9950kHz [Txn Gert, well done]. This was followed by further revelations from MoK:  
12.30z, Fridays, 9448kHz USB, 4min TX. [312 Oblique 00, r4 min, ends "out"] last heard on USB 9450kHz 12.30z 17/7/01 using 312 call.

9448kHz	1230z	16/05 [312/00]	Friday -special sendings only?
9610kHz	1030z	02/05 [312/00]	AF states 'Super!' Tuesdays and Friday.
	1030z	10/06 [312/00]	Tuesdays.
	1030z	17/06 [312/00]	
9950kHz	1300z	13/05 [183/00]	Tues
	1300z	17/06 [183/00]	
10125kHz	0800z	01/05 [232/00]	
	0800z	08/05 [232/00]	
	0800z	15/05 [232/00]	
	0800z	29/05 [232/00]	QRM S6 JoA
	0800z	19/06 [232/00]	
11116kHz	0800z	02/05 [232/00]	
	0800z	09/05 [232/00]	
	0800z	16/05 [232/00]	
	0800z	13/06 [232/00]	

### E15

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

1100z	18000kHz	BEC	1700z	14000kHz	FYS	2100z	4130kHz	MSA
1200z	17503kHz	WSP	1730z	5834kHz	MSA			
1230z	11170kHz	OSS	1800z	5834kHz	WSP			
1300z	11000kHz	BEC	1900z	4130kHz	PAR			

1400z 14000kHz FYP 2000z 5530kHz NAS  
1630z 6715kHz NAS 2030z 5530kHz BEC

#### E17z

Nil reports

#### E23

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

Transmits Monday Wednesday and Thursday:

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

From AF [Note early start]:

8188kHz 1153z 19/05  
1153z 22/05

8188kHz 1200z 05/06 hrd by DoK. Noted slow morse on freq . . . - [long dash].

#### E25

Nil Reports.

#### G04

01/03 4210 4220, 02/03 4280 4380, 03/03 4750 4850, 04/03 5210 5310, 05/03 4830 4930, 06/03 NRH.

The May sending did not appear. We wondered if Mayday may have some bearing on this or perhaps a change of schedule and DoK predicted that it may appear a week later. [Selco confirmed G04's Mayday sabbatical] and PoSW contacted us with: "The G04 German YL with the 3 - Note call - up fooled everyone by NOT showing up on the first Thursday in May, the 1st, as was expected but instead appeared on the second Thursday, the 8th. The first sending was noted at 2000z on 4,830 kHz and the second at 2030z on 4,930 - at least the frequencies were those predicted for May - with 35 x 5F groups." [Tnx PoSW]

4830kHz 2000z 08/05 [51443]  
4930kHz 2030z 08/05 [51443]

The expected 5220/5320kHz did not apparently occur, a search being made. It was reported by AnonUK that its Morse sister M29 had not been heard either. It may be that G04 has disappeared as it did after its 2135z sending on 4380kHz Sunday 04/02/01. [It was rediscovered by PLondon on 07/03/02 at 2135z on 4850kHz.]. AF, AnonUK, DoK and PLondon listened for any activity on 12/06. In keeping with AnonUK's suggestion it did not appear and M29 was still absent.

When the G04 transmissions 'disappeared' last time M29 remained active. Its disappearance possibly a problem of finding the station. The absence of M29 this time suggests that G04 may have been closed down permanently [or at least until we hear M29 sending].  
[Tnx AF, AnonUK, DoK & PLondon].

#### G06

The first Monday in the month G06 German YL showed up on 5 - May at 1900 UTC, 11,485 kHz - 5KHz lower than in May last year - and the repeat was an hour later on 9,115 kHz - exactly as in May last year - with four minutes of "308 308 308 00000".

The Friday 1930z G06 has moved from the reasonably clear frequency of 5,442 kHz used in March and April to 5,933 kHz among the broadcast stations in the 49 metre band. This was noted on 9-May calling "218", then DK/GC "563 563 47 47". Reception is difficult with the receiver in AM mode but by selecting USB and tuning the carrier for zero beat most of the BC QRM is removed by the filter in the RX and copy is not too bad. I had always been unable to find the Friday Night Fraulein after the end of April until September in previous years but last year she was noted on the last Friday in June on 5,933 so this - or maybe 5,943, noted on one occasion last summer - will be the frequency to check until the end of August. Turns up on alternate Fridays as a rule but sometimes misses two Fridays; should appear on 23-May or failing that, the 30th.

The Friday 1930z G06 German YL remains inside the 49 metre broadcast band; has been heard on 5,933 KHz in May, last heard on 13-June on 5,943 KHz. A G06 has been noted on Thursdays at 1830z on 6,887 KHz with the same DK/GC as the G06 heard at 1930z the next day. A Sunday G06 was heard on 15-June at 2020z. The first Monday in the month G06 was heard on 2-June with a "Full message" transmission, instead of the "00000 - no message" which has been the norm for this schedule for many months. [Tnx PoSW]

6877kHz 1830z 08/05 [ending 563 563 47 47 00000]  
1830z 12/05 [842 357 35 14780 etc]  
9115kHz 2000z 05/05 [null msg 308]  
9120kHz 2200z 17/05 [112 112 112 00000] PLondon.  
11485kHz 1900z 05/05 [Null msg 308]  
13380kHz 2024z 18/05 [...629 48 00000]  
2020z 22/06 [943 128 47 86964 etc]  
2020z 23/06 [953-158/47 00000] PLondon tnx to Gerts reminder [corrected to 943-128 /47 by RN GB].

AF accordingly found the sendings as:

10310kHz 1900z 02/06 [308 645 139 51663 -e.g. 139 groups] 28 min sending.

2000 03/06 [308 645 139 51663] HFD  
12195kHz 2000z 02/06 [308 645 139 51663 -e.g. 139 groups] 28 min sending.  
1900z 03/06 [308 645 139 51663] HFD

PoSW G06 log for June commented on the schedules:

First Monday in the Month Schedule:-

2-June-03, 1900 UTC, 12,195 kHz, calling "Drei null acht" (308), and this turned out to be a full message transmission, the first for some time from this schedule; the last one I heard was in May last year. DK/GC "Sechs vier funef" (645) x 2, "Eins drei neun" (139) x 2 - quite a long message. Signal strength up to S8 but with deep, slow QSB, difficult copy at times. Lower sideband well suppressed. Ended 1928z with DKDK GCGC and 5 x "null".

2000 UTC, 10,310 kHz, second sending of "308" and "645 645 139 139". These frequencies were used in June last year.

3-June-03, Tuesday, 1900 UTC, 12,195 kHz and 2000 UTC, 10,310 kHz, the expected next day repeat of "308" and "645 645 139 139".

Friday Night Schedule:-

23-May-03, 1930 UTC, 5,933 kHz, last heard 9-May, G06 hides inside 49 metre BC band; was logged in this part of the spectrum late last summer. Calling "Zwo eins acht" (218), DK/GC "Funef sechs drei" (563) x 2, "Vier sieben" (47) x 2. Close to extremely strong broadcast stations, reception much improved by setting the receiver to USB mode and tuning the carrier for zero beat. Voice normal pitched but speed of delivery rapid. The DK/GC was the same as the G06 heard last night finishing at 1842z on 6,887 kHz, (see below).

13-June-03, 1930 UTC, 5,943 kHz; has missed two Fridays, did not show up on 30-May or 6-June. 10 kHz higher than last time, BC QRM even worse! Calling "Zwo eins acht" (218), DK/GC "Drei funef sieben" (357) x 2, "Drei funef" (35) x 2.

A Thursday Evening Schedule:-

22-May-03, 1835 UTC, 6,887 kHz; surprised to find the G06 German YL in full flow on a Thursday; good signal with lower sideband well suppressed. Ended 1842z with "Funef sechs drei" (563) x 2, "Vier sieben" (47) x 2 and 5 x "Null". The G06 heard the following day had the same DK and GC so presumably the same message.

12-June-03, 1830 UTC, 6,887 kHz, calling "Acht vier zwo" (842), DK/GC "Drei funef sieben" (357) x 2, "Drei funef" (35) x 2, same DK/GC - but not "Call" as heard on the Friday G06 on 13-June. Looks as if this Thursday transmission is repeated on the next day with a different call. No doubt this has been running for as long as the Friday Night Fraulein has been in existence.

A Sunday G06:-

15-June-03, 2020 UTC, 13,380 kHz; G06 has been noted before at 2020z on a Sunday - but not very often! The last logging was on 19-Jan-03, searches on Sundays in between having been fruitless. A suspicious carrier had been noted approx. 2010z and at 2020z the G06 YL started up calling "Neun vier drei" (943), DK/GC "Eins zwo acht" (128) x 2, "Vier sieben" (47) x 2. Signal strength up to S9 but with deep and rapid QSB, lower sideband well suppressed.

G19[??]

Maciej Sebastian Muszalski (Miles) heard a G19 'sound alike' and produced a .wavfile of his find.

5315kHz 1243z 18/04 [732 + 5f grps]

G22

6748kHz 2323z 01/05 [186...] AF &RN GB  
7317kHz 2200z 19/06 [186 239 36279 etc] RN GB

And from Gert for June:

7317kHz 2200z 05/06 [186-nr239gr23=36270]

SLAVIC STATIONS

Before we move onto the Slavic Station logs we hear from our Slavic Desk and PoSW:

From our Slavic Desk, DoK offers his analysis for May/June 2003.

The period covering May/June started out well but changes did occur; some good, some bad and some confusing. Details follow below.

I have decided in this issue to show the routing procedures [which I like to call Broadcast Transmissions] and help to explain the many repeats that are sent. These Broadcast Transmissions may contain details of schedules and any possible changes. Why else are they sent?

The last 10 days of the month have been very busy due to one change on S10D, which was somewhat confusing but was only of a temporary nature, schedules and frequencies since returning to normal. During this period, and leading up to preparation of the latest chart. I have spent many extra hours checking and reconfirming all the times and frequencies to ensure accuracy.

During the whole period May-June inclusive I have logged over 360 transmissions. [S17C is not included in this total due to bad conditions and the heavy tty on 6758kHz. Many fruitless hours have again been spent searching for a parallel frequency, again with no success.

It is good to see the activity returning to the higher frequencies and periodic checks should be made over the next few months on 13936, 14377 and 14565kHz.

Chart No6

Freq kHz	//	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
4836	7380	0210	0210	0210	0210	0210	0210	0210
3808	5861	0400	0400	0400	0400	0400	0400	0400
6780		0410	0410	0410	0410	0410	0410	0410
9166			0450	0450				
8175			S0450			S0450		
9385	11416					S0600		S0600
5945	9386							0700
8175						S0720		
8190	12295				1200	1200		
6758		1250	1250	1250	1250	1250	1250	1250 [S17C]
7380	10923		1410	1410				
7745	9166							S1520
6763	4485	1616	1610					
4030	6801	1630	1630		1630			1630
10125				1640				
5076	7745		1700	1700				
5076	8175				1700	1700		
8190	12295	1720	1720	1720	1720	1720	1720	1720
8190	13502		S1740	S1740				
Freq kHz	//	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
5945		1800				1800		
8190	13502		1820	1820				
9986					S1820	S1820		
8143	12226	1920	1920					
9385	14445			1950		1950		1950
4485			S2020			S2020		
3808	5735	2100	2100	2100	2100	2100	2100	2100
7475	9166					S2130		S2130
5945	9166		2200	2200				

[Note: Several schedules have recently been coming up late and allowances should be made. Eg, 4485kHz 2020z 30/06 S10D was three minutes late].

**Repeat Message Routine**

New Message Day Friday 0210z Rptd 0410z Rptd 1720z, Seven days each week.

New Message Day Monday 0400z Rptd 0410z Rptd 2100z, Seven days each week.

New Message Day 0450z Rptd 1410z Rptd 1720z, Monday and Tuesday only.

1630z New Message Saturday, Rptd Sun, Mon & Wed - always same ID's.

Consecutive day transmissions will invariably be the same message, both M10 and S10D. [There are other instances but not covered in this column this time].

A number of schedules do not operate each week; 1610z operates irregularly.  
The separate 1700z operate on alternate weeks.  
1820z also every other week and S10D 1820z will also miss weeks.

There have been problems occurring with 1720 and 1740z sendings. On a number of instances the 1720z M10 transmission was swamped by the 1740z S10D carrier some 10 minutes before the end on this transmission. Funnily this only seemed to happen on Mondays! On Tuesdays the S10D carrier came up shortly after the M10 transmission finished.

This was further complicated when the 0210z transmission on Friday 13<sup>th</sup> June contained two messages of 39 and 56 groups and the transmission time was 23 minutes. As this is repeated at 1720z it meant that the 1740z S10D had moved to another frequency, returning to normal Monday and Tuesday 23<sup>rd</sup> and 24<sup>th</sup> June.

The parallel frequency of 13502kHz remained as normal but resulted in other pairings, which have not been charted this time.

Another strange happening on Tuesday 17<sup>th</sup> June, the 1640z schedule on 10125kHz also operated on 7745kHz. The transmission started as normal with ID's 680 and 777. The first message to 680 was completed but after 777 and dk 18 was sent the 7745kHz transmission ceased at 1652z. At 1745z, 7745kHz came back up, sent just three figures and ceased again. During this time 10125kHz continued, completing the transmission at 1658z. Tones on 7745kHz were then sent out at 1657z prior to commencing the next schedule at 1700z.

Another thing I noticed during this period is the increase in multi-frequency use and I wonder if there is a routine service programme in operation?

A number of other schedules have come and gone in this period and as they are short term and on well known common frequencies they have not been charted.

With the increase in activity, particularly S10D, I believe some changes may occur from 1<sup>st</sup> July.

[PLondon noted a subtle change in the 0410z sending 01/07 of M10. The previous message header -in part-, as sent 0410z 30/06, read 555 228 25 046 22. On 01/07 it had changed to:555 228 25 776 22].

Excellent logs have been received from RN GB and PoSW, my thanks to you both. Thanks also so to PLondon and AnonUK for their contributions.

In closing if anyone would like greater detail or additional information about what I have written please contact me via the usual channels.

Finally, this article is dedicated to those silent listeners from whom we hear little or nothing. == Nazdar. DoK, Slavic Desk.

©ENIGMA2000 30/06/03

#### Slavic Number stations info from PoSW:

PoSW has heard an interesting station and reports, "Unusual voice transmissions;- short transmissions with the S07 Russian Man "Tinny voice" were logged a few times in May; the regular format S07 ended several years ago but brief sendings consisting of an "000" format followed by a single 5F group have been noted from time to time; several were noted last summer and the following were logged recently;-

15-May-03, Thursday, 2036 UTC, 6,767 kHz, metallic sounding voice calling "Dva tri vosyem" x 3, "Noll" x 3, "Dva tri noll pyat pyat" (238 238 238 000 23055), repeated over and over, AM with both sidebands, stopped 2039z.

28-May-03, Wednesday, 1928 UTC, 9,064 kHz, S07 voice with "Vosyem vosyem adean" x 3, "Noll" x 3, "Dva dva dva adean adean" (881 881 881 000 22211), very strong carrier, modulation somewhat low, stopped 1931z.

1936z, 7,748 KHz, "881 881 881 000 22211" again, strong carrier, mod. low, as earlier.

#### S04

Nil Reports

#### S06

S06 "Russian Man" is still very busy, the most widely heard of this family of number stations. Of special interest are the transmissions which have logged at various times on 8,080 KHz, always with the call "102" and are noted for long pauses and repeats of the 5F messages. One was logged on Friday 13-June which went on the best part of an hour and a half - and had probably been running for some time when tuned in. By way of contrast an S06 was heard on Tuesday 17-June with a group count of just 2. [PoSW]

*We have printed PoSW's entire log, which illustrates the activity of this station along with valid operational info. [Tnx for your work PoSW]*

#### From End of April 03

26-Apr-03, Saturday, 1700 UTC, 13,440 kHz, calling "Vosyem dva pyat" (825), DK/GC "Vosyem dva deviet" (829) x 2, "Adean adean pyat" (115) x 2. Good signal, lower sideband suppressed, QRM from the "Swept frequency carrier" which has taken up residence in this part of the band. Second and fourth Saturday in the month schedule, first sending.

1800 UTC, 11,150 kHz, second sending of "825" and "829 829 115 115". Same DK/GC as on 12-April and 22-March.

28-Apr-03, Monday, 1715 UTC, 8,080 kHz, calling "Adean null dva" (102), DK/GC "Deviet syem pyat" (975) x 5, "Cheteria tri" (43) x 2. There were several long breaks in the transmission including one during the call - up, DK/GC not reached until 1721z. These breaks meant that the transmission did not end until just before 1735z. An S06 transmission with a similar pattern of breaks was noted on Monday 3-March at a later time, 2100z but also on 8,080 kHz and also with the call "102". So do the long pauses have some significance other than the use of a transmitter which has seen better days?

2015 UTC, 9,230 kHz, S06 calling "Cheteria adean dva" (412), DK/GC "Pyat deviet tri" (593) x 2, "Adean noll syem" (107) x 2. Signal strength S8 to S9, lower sideband suppressed.

2115 UTC, 7,680 kHz, repeat sending of "412" and "593 593 107 107", strong signal, S9+.

29-Apr-03, Tuesday, 1850 UTC, 9,140 kHz, S06 with "Dva pyat cheteria" x 3, "Noll" x 5 (254 254 254 00000). QRM from wide shift RTTY on adjacent frequency; carrier with tone noted 1837z.

2127 UTC, 7,680 kHz, next day repeat, ended with "593 593 107 107 00000".

#### May03

4-May-03, Sunday, 1700 UTC, 7,597 kHz, "Tri pyat vosyem" x 3, "Noll" x 5 (358 358 358 00000), strength S9, lower sideband suppressed.

2110 UTC, 6,920 kHz, S06 calling "Deviet syem adean" (971); stopped calling for a minute or so then went into 5Fs without a DK/GC. Stopped again for over a minute, called "971" again for a while then went back into 5Fs. May have started some time before being tuned in at 2110z. Ended message with "Vosyem cheteria tri" (843) x 2, "Pyat noll" (50) x 2 and 5 x "noll". But the carrier stayed on and after a while started up with "971" again followed by DK/GC "843 843 50 50" and 5Fs again. There was one break of just over a minute during the message, ended 2146 with DKDK GCGC and "00000", carrier went off about a minute later.

6-May-03, Tuesday, 1850 UTC, 11,130 kHz, "Dva pyat cheteria" x 3, "Noll" x 5 (254 254 254 00000), unusually weak for an S06, strength S5 at best.

1900 UTC, 7,598 kHz, calling "Adean syem shesht" (176), DK/GC "Deviet pyat noll" (950) x 2, "Vosyem cheteria" (84) x 2. Very strong signal, S9+, lower sideband suppressed, carrier had been noted just before the hour.

1950 UTC, 9,230 kHz, a repeat sending of "254 254 254 00000". Much stronger than the first sending, S8, lower sideband well suppressed.

10-May-03, Saturday, 1606 UTC, 6,987 kHz, "Adean pyat adean" x 3, "Noll" x 5 (151 151 151 00000). Peaking S9, lower sideband well suppressed. Stopped 1609z, must have started 1605.

1800 UTC, 12,210 kHz, second Saturday in month S06, calling "Tri shesht noll" (360), DK/GC same as for this schedule in April and on the fourth Saturday in March:- "829 829 115 115".

Signal strength S7, lower sideband well suppressed.

12-May-03, Monday, 2115 UTC, 11,130 kHz, "Syem shesht noll" x 3, "Noll" x5 (760 760 760 00000). Strong signal, lower sideband suppressed, speed of delivery more rapid than usual.

22-May-03, Thursday, 2020 UTC, 8,135 kHz, calling "Deviet dva pyat" (925), DK/GC "Tri syem shesht" (376) x 2, "Pyat cheteria" (54) x 2. Strong signal, lower sideband well suppressed.

24-May-03, Saturday, 1602 UTC, 7,952 kHz, S06 calling "Adean pyat adean" x 3, "Noll" x 5 (151 151 151 00000). Similar "no message" transmission heard on Saturday 10-May at 1606z on 6,987 kHz.

1700 UTC, 14,730 KHz and 1800 UTC, 12,218 kHz, fourth Saturday in the month S06; transmission exactly as on the second Saturday, "360" and "829 829 115 115".

#### June 03

4-June-03, Wednesday, 2107 UTC, 12,165 kHz, S06 transmission in progress, ended 2111z with "Pyat cheteria adean" (541) x 2, "Tri shesht" (36) x 2, and 5 x "Noll". Signal strength S8, lower sideband well suppressed.

9-June-03, Monday, 2115 UTC, 12,190 kHz, "Tri vosyem cheteria" x 3, "Noll" x 5 (384 384 384 00000). Strong signal with both sidebands, unusual for S06. Carrier with tone noted 2045z, half an hour before the start of transmission.

10-June-03, Tuesday, 1800 UTC, 5,745 kHz, "Shesht dva cheteria" x 3, "Noll" x 5 (624 624 624 00000). Weak signal, lower sideband suppressed; carrier with tone noted approx 10 minutes earlier.

13-June-03, Friday, 2054 UTC, 8,080 kHz; this is the frequency on which S06 transmissions with the call "102" and featuring long pauses and gaps in transmission have been noted - and this was no exception! A message ended just after being tuned in, I missed the DK/GC but caught the "00000"; the carrier stayed on afterwards - there was a couple of minutes of tone then a single spoken "Adean noll dva" (102), returning to plain carrier. At 2105z started calling "102"; vanished completely, carrier and all, around 2107z, came back after a minute or so with "102" again and after 2109z DK/GC "Tri syem cheteria" (374) x 2, "Dva pyat" (25) x 2 followed by 5Fs. Voiced stopped after 2113z, carrier stayed on; came back calling "102" after about one minute, then voice returned after 2115z, back into 5Fs without DK/GC. Finished message with DKDK GCGC at approx. 2117z, then started calling "102" again. Another DK/GC at 2118z, "Shesht deviet pyat" (695) x 2, "Tri vosyem" (38) x 2 and into 5Fs. Stopped at approx 2121z and after 30 seconds of plain carrier started calling "102" again. Back to 5Fs without DK/GC after 2122z, ended message with DKDK GCGC and "00000" just before 2127z. The carrier stayed on and around 2140z started calling "102" again, at 2144z "374 374 25 25", same as earlier, and into 5Fs. Voice stopped 2146z - but only for a few seconds - then started calling "102" again, this time for about 6 minutes; at just after 2152z went back to 5Fs. Finished message with DKDK GCGC then started calling "102" again, then "695 695 38 38" again and into 5Fs. This proceeded without breaks and ended with DKDK GCGC "00000" in the usual way. By now the time was 2204z, 11.04 PM BST and this seemed like the end of the transmission; but the carrier stayed on and around 2216z was heard calling "Adean noll dva" x 3, "Dva" x 5 (102 102 102 22222) over and over and at 2219z the "374 374 25 25", as heard earlier, followed by 5Fs. Vanished, complete with carrier, just before 2223z, came back on after 40 seconds calling "102" followed by a return to 5Fs, ended around 2226z with DKDK GCGC "00000". The carrier stayed on and I went downstairs for a nightcap; when I returned around 2245z, a quarter to midnight BST, it had gone - at last!

This was such an unusual, long winded transmission with its pauses and repeats that I thought it worth staying with it and recording it in some detail.

14-June-03, Saturday, 1600 UTC, 14,860 kHz - the second (and fourth) Saturdays in the month are noted for S06 schedules - "Syem dva cheteria" x 3, "Noll" x 5 (724 724 724 00000). Strong signal, lower sideband suppressed.

1700 UTC, 12,175 kHz, second sending of "724 724 724 00000".

1700 UTC, 13,940 kHz, another S06 starting at the same time as the above; calling "Adean cheteria deviet" (149), DK/GC "Shesht tri syem" (637) x 2, "Deviet dva" (92) x 2. Lower sideband suppressed; carrier with tone noted 1648z. No sign of a repeat sending an hour later; perhaps this was itself the second sending.

17-June-03, Tuesday, 2117 UTC, 12,180 kHz. Unusual start time, carrier with tone noted 2102z. Calling "Pyat vosyem tri" (583), DK/GC "Deviet noll cheteria" (904) "Dva" (2) x 2 - just 2 5Fs, "11111" x 2, "00037" x 2. Ended with usual DKDK GCGC and "00000", weak signal.

6780kHz 0410z	03/06 [null msg]
6920kHz 2119z	04/05 [971]
7250kHz 0800z	03/06 [418 null msg]

7598kHz 1900z 06/05 [dk/gc 950/84]  
7608kHz 1900z 13/05 [176-950/84=47971] Tnx Gert [noted that freq was 10kHz lower on 06/05]  
1900z 20/05 [176-950/84=47971]  
1900z 27/05 [176 950 84 47971..] AF & E  
1900z 24/06 [Long message!]  
7845kHz 0600z 02/05 [Null msg 197]  
9125kHz 0613z 02/05 [000]  
9230kHz 1950z 13/05 [254 254 254 00000]  
1950z 27/05 [254 254 254 00000]  
11420kHz 1850z 17/06 [254 00000]  
1850z 24/06 [Null TX, poor reception]  
11470kHz 1921z 21/05 [925 22222 376 gc54] E  
1930z 21/05 [...376 54 00000]AF  
13390kHz 2015z 12/05 [Null msg 760]  
1450z 29/05 [103 00000]  
13941kHz 1700z 28/06 [Adean Chetirya Devet]  
14570kHz 0840z 14/05 [poor sigs, barely readable] DoK  
14580kHz 0700z 11/06 [729/0]  
0700z 25/06 [Chin Dva Dyevet, 0 0 0 0 0]  
[Tnx AF, DoK, E, Gert and HFD]

Gert of Holland has plotted the weekly skeds for Tuesdays [First and Third] starting at 1900z  
[Note that the frequency may change  $\pm 10$ kHz weekly and also maintains UTC/GMT].

Tuesday 6 <sup>th</sup> Aug 2002	7917kHz	353
Tuesday 20 <sup>th</sup> Aug 2002	7917kHz	353
Tuesday 3 <sup>rd</sup> Sept 2002	5772kHz	353
Tuesday 17 <sup>th</sup> Sept 2002	5782kHz	353
Tuesday 19 <sup>th</sup> Nov 2002	4024kHz	353
Tuesday 3 <sup>rd</sup> Dec 2002	4024kHz	353
Tuesday 7 <sup>th</sup> Jan 2003	3872kHz	176
Tuesday 21 <sup>st</sup> Jan 2003	3872kHz	176
Tuesday 4 <sup>th</sup> Feb 2003	3873kHz	176
Tuesday 18 <sup>th</sup> Feb 2003	3862kHz	176
Tuesday 6 <sup>th</sup> May 2003	7598kHz	176
Tuesday 13 <sup>th</sup> May 2003	7608kHz	176
Tuesday 20 <sup>th</sup> May 2003	7608kHz	176

Gert draws our attention to the change of ident at Jan 03.  
[Tnx Gert].

#### S06C

AF noted S06C:

4510kHz 1943z 16/05 [11203 x3 ...]

#### S07 Format stations [See intro to this section]

6768kHz 2036z 15/05 [238 000 23055]  
7748kHz 1936z 28/05 [881 000 22211] ended 1931z  
9064kHz 1928z 28/05 [881 000 22211]

Note PoSW's observation; 15/05 AM with both sidebands, the 28/05 transmissions had a very strong carrier but with low modulation.

#### S10D

It has been a case of "All change" with regard to the S10d Czech YL during May; the Saturday 1520z transmission has moved from 8,175 kHz which was used from October last year through the winter and spring until the last Saturday in April, and as of 3-May has been turning up on 7,745 // 9,165 kHz. The Saturday and Thursday 2130z transmission which was on 5,473 // 6,894 kHz during March and April is now on 9,165 kHz; no sign of a parallel so far despite checking a list of over 30 frequencies known to have been used by the S10/M10 set-up in the past. There is a transmission of the two-message variety on Mondays and Tuesdays at 1740z on 8,190 kHz, again no parallel found so far. On Tuesday 6-May an M10 CW transmission was noted on 8,190 kHz at 1729z, ending at 1737z, i.e. 3 minutes before the Czech YL started up on the same frequency. The M10 was in parallel with 12,295 but this frequency was not used for the S10d transmission.

PoSW's log:

Saturday Afternoon Schedule, 1520 UTC, 7,745 // 9,165 kHz

24-May-03

"555 555 555 046 046 046 34, then "046 046 046 02 02 34 34", 7,745 very weak signal, only just readable, 9,165 strength S8

31-May-03

"555 555 555 067 067 067 36", then "067 067 067 95 95 36 36".

7-June-03

This schedule continues in June on the same frequencies, 7,745 weak signal, 9,165 stronger.

"555 555 555 613 613 613 30", then "613 613 613 84 84 30 30"

Saturday and Thursday Schedule, 2130 UTC, 9,165 kHz, // found on 31-May, 7,475 kHz.

15-May-03, Thursday, "555 555 555 496 496 496 37", then "496 496 496 76 76 37 37", Strong signal, peaking S9 which was a surprise because on Saturday 10-May this schedule was so weak as to be unreadable.

17-May-03, Saturday, 2135z, transmission in progress, strong signal.

24-May-03, Saturday, "555 555 555 595 595 595 51", then "595 595 595 35 35 51 51". Very strong signal, S9+.

31-May-03, Saturday, found a parallel to 9,165 on 7,475 KHz, strong signal on both frequencies. "555 555 555 298 298 298 29", then "298 298 298 27 27 29 29".

7-June-03, Saturday, continues in June on same frequencies. 7,475 strong signal tonight, 9,165 weaker. "555 555 555 099 099 099 33", then "099 099 099 48 48 33 33".

14-Jun4-03, Saturday, "555 555 555 388 388 388 52", then "388 388 388 05 05 52 52". 7,475 KHz strength S9, 9,165 weaker.

19-June-03, Thursday, "555 555 555 928 928 928 42", same as the 0600z transmission on 11,416 KHz. 7,475 very strong, S9+; 9,165 only slightly weaker.

21-June-03, Saturday, "555 555 555 928 928 928 42", then "928 928 928 18 18 42 42", same as the 0600z transmission. 7,475 KHz strong signal, S9+, 9,165 KHz very weak, only just readable; what a contrast between two frequencies relatively close together.

Saturday and Thursday Schedule, 0600 UTC, 11,416 kHz // found on 21-June, 9,385 kHz (has the same call - up as the transmission at 2130 UTC)

24-May-03, Saturday, 0611 UTC, transmission in progress, ended a few minutes later with "35 35 51 51 konets konets".

31-May-03, Saturday, "555 555 555 298 298 298 29", then "298 298 298 27 27 29 29". Very weak signal, only just detectable.

5-June-03, Thursday, "555 555 555 099 099 099 33".

7-June-03, Saturday, "555 555 555 099 099 099 33", then "099 099 099 48 48 33 33".

12-June-03, Thursday, "555 555 555 388 388 388 52".

14-June-03, Saturday, 0607 UTC, transmission in progress, strength S7 with deep QSB.

19-June-03, Thursday, "555 555 555 928 928 928 42", then "928 928 928 18 18 42 42".

21-June-03, Saturday found a parallel to 11,416 on 9,385, much stronger signal than 11,416. "555 555 555 928 928 928 42", then "928 928 928 18 18 42 42", same as heard on Thursday.

Monday And Tuesday Schedule, 2-message variant, 1740 UTC, 8,190 kHz in May, // 13,502 kHz noted in early June, now seems to be 13,502 only.

27-May-03, Tuesday, 8,190 kHz, "555 555 555 146 146 146 24 404 404 404 17", then "146 146 146 73 73 24 24", usual S10 routine.

2-June-03, Monday, 8,190 kHz, "555 555 555 738 738 738 37 606 606 606 23"

Very strong signal, S9+. Parallel found on 13,502 KHz a few minute later, strength S8.

3-June-03, Tuesday 8,190 kHz, strong signal, // 13,502 KHz, very weak, only just detectable, transmission in progress noted at 1747z.

9-June-03, Monday, 8,190 kHz, strong signal, // 13,502 kHz, much weaker, "555 555 555 714 714 714 39 826 826 826 39".

10-June-03, Tuesday, 13,502 kHz only - no sign of anything on 8,190 - strange! "714 39" and "826 39" as yesterday.

16-June-03, Monday, 13,502 kHz, again Czech YL not heard on 8,190 - but there was some M10 CW. Very weak signal, transmission in progress at 1746z

17-June-03, Tuesday, 13,502 kHz, now this really was something completely different; the call up began not with the "555" which has always been a feature of S10d but with "999" ("Deviet") x 3; "999 999 999 480 480 480 28 761 761 761 17". So was the "999" an error on someone's part - or does it have some special meaning? We shall never know!

Monday And Tuesday Schedule, 0540 UTC 9,369 kHz, first noted 3-June

3-June-03, Tuesday, transmission in progress at 0547z, heterodyne with strong religious BC station on 9,370 kHz.

9-June-03, Monday, transmission in progress at 0548z, again with BC QRM.

16-June-03, Monday, 0540 UTC, "555 555 555 480 480 480 28 761 761 761 17". No sign of the broadcast QRM this morning.

17-June-03, Tuesday, "480 28" and "761 17" as yesterday - and also the same as the 1740z transmission on 13,502 kHz - except that this had the usual "555" call - up whereas the 1740z started with "999". Good signal this morning, very weak heterodyne from the BC station on 9,370.

"ONE OFF" S10d TRANSMISSIONS

1-June-03, Sunday, 0728 UTC, 8,175 kHz, Czech YL in progress, ended about a minute after being tuned in with "22 22 18 18 konets konets". Strong signal with a background whine. Made a point of listening on following Sundays, 8 & 15 of June but nothing heard.

3-June-03, Tuesday, 2111 UTC, 12,227 kHz, weak S10d in progress, ended 2113z with "22 22 17 17". Was not heard on the following Tuesday, 10-June.

4-June-03, Wednesday, 1858 UTC, 14,445 kHz, // found a few minutes later on 13,405 kHz, call-up in progress so presumably must have started at 1855z - unusual start time, 5 minutes before the hour. "555 555 555 836 836 836 24"; at 1900z approx, "836 836 836 43 43 24 24" and usual S10 format. Not heard on the following Wednesday, 11-June.

5-June-03, Thursday, 2100 UTC, 8,143 kHz, very strong signal, S9+ // 12,227 kHz, weaker, S8, "555 555 555 456 456 456 20 801 801 801 17". Two message variant; forgot to listen for this one on the following Thursday! Not heard on Thursday 19-June. [PoSW]

RN GB offers:

4485kHz 2020z 01/05 [555x3 144x3 20 etc]  
2020z 08/05 [555 473 32 etc]

2020z 22/05 [555 046 34 05 34 82192]  
 2020z 19/06 [555 036 27 72 27 78692]  
 7475kHz 2130z 15/06 [555 496 37 76 etc]//9166  
 17/05 // 9166  
 2130z 22/05 [555 595 51 etc] //9165  
 2130z 19/06 [555 928 32 95765 etc]  
 8190kHz 1745z 12/05  
 1740z 20/05 [555 372 40 286 41 etc]  
 9166kHz 2130z 17/05 // 7475 Of the two freqs 9166 was the prominent of the two at S9 with PLondon. The other S5.  
 Also copied by 'E'  
 13502kHz 1740z 17/06 [999 761 17 480 28 70859]  
 1855z 17/06 [555 028 25 etc] // 14445

RN GB possibly noticed an interesting trait:

Another little quirk I've noticed about S10d. When they use parallel freqs (ie. 9165 & 7475), the numbers are slightly clipped on one of the freqs - in tonight's [19/06] case it was 7475. I wonder if 9165 is the master freq and 7475 slaved off it somehow?

In general for the June sendings, there has been a distinct increase in traffic from the S10d Czech YL during June with several new transmissions noted in the first week of the month, including some which were "One offs", i.e. they were not heard in subsequent weeks. An unusual event was observed on Tuesday 17-June at 1740z on 13,502 KHz which began with "999" instead of the "555" which until then had always been the start - up routine of the Czech YL.

#### S10E

Nil Reports.

#### S11A

5358kHz 2100z 07/05 [Null Msg 971] AF  
 2100z 21/05 [Null Msg 971] AF  
 2100z 04/06 [971/00] from HFD

#### S17C

AF was the first to alert us to a change of freq by S17C

6758kHz.1250z 01/05 [77034]

Reception on this frequency has been extremely poor in due to t/p QRM. However DoK managed some May transmissions along with AF and HFD, thanks all.

01/05 77034, 02/05 76050, 03/0576050, 04/05 99036, 08/05 67034, 10/05 73031, 14/05 50038, 16/05 71035, 17/05 53033?, 18/05 92044, 19/05 67045, 20/05 68029, 24/05 58034, 25/05 76043, 26/05 67039, 28/05 90041, 29/05 91042, 30/05 00031.

05/06 41031, 09/06 51029, 13/06 99034, 14/06 95031, 15/06 75042 17/06: 91044, 19/06 94042?95042, 21/06 55038, 22/06 65043, 27/06 00037

#### S21

AF kindly sent in his S21 log:

4973kHz 1748z 08/05 [...297 33 000]  
 1744z 15/05 weak  
 1742z 20/05 [973 293 33 BT 69436]  
 1742z 22/05  
 1742z 03/06 [973]  
 1742z 05/06 [973 837 38 BT 32621 46708]  
 5373kHz 1748z 08/05 [...297 33 000]  
 1742z 13/05 [973..]  
 1744z 15/05 [Late!! 973 293 33 BT 69436]  
 1742z 20/05 [973 293 33 BT 69436]  
 1742z 22/05  
 1742z 27/05 [973 293 33 BT 69439]  
 1742z 05/06 [973 837 38 BT 32621 46708]  
 10746kHz 1745z 17/06

[Tnx AF]

#### V02

8097kHz 0604z 29/03 [AM New null msg format? Atencion, 697 (repeats), 00 (repeats), finale. @0607, V2a in progress]

Ben Mesander [US] notes a new format for V02 and writes:

In addition to the 4's on ID's, I noted a new V02 format the other night. Usually V02 single-callup broadcasts have one of the following two formats (note there are also two-callup broadcasts with different formats):

Atencion III GC (repeats several times) XX GC (repeats several times) 5 figure groups finale finale finale

Or: Atencion III XX (repeats several times) GC XX (repeats several times) 5 figure gorups finale finale finale

Where III is a 3-digit ID, GC is a two-digit group count, and I've no clue what XX is, but it has two digits. The other night, I heard a broadcast of the form: Atencion III (repeats several times) 00 (repeats several times) finale finale finale This was a "null message" which I'd never heard V2 send before.

It reminds me of the E17 null messages I used to come across occasionally.  
[Tnx Ben!]

From E in GB:

8010kHz	0606z	25/04
	0602z	21/05 [88953 52231] with QRM
	0618z	23/05
8032kHz	0609z	25/04

V02A

3292kHz	0400z	21/06 [A 99312 70642 05292]
4017kHz	0336z	06/05 weak
4028kHz	0505z	20/06
4034kHz	1000z	21/06 [USB (missed callups - YL/SS)]
4479kHz	0400z	20/06 [A 48001 95712 19272 ]
5762kHz	0400z	21/06 [A 19273 65643 08641]
6768kHz	0412z	07/05
8010kHz	0606z	25/04
	0602z	21/05 [88953 52231] with QRM
	0618z	23/05
	0601z	13/06 [A 00262 82553 41523] Weak + static caused difficulty.
8097kHz	0506z	29/03 [A 59642 56492 88464]
	0541z	01/05
	0631z	03/05
	0600z	10/05 [A 62103 06233 90763] weak sigs, difficult to copy. Prev wk strong.
	0618z	22/05 [98802]
	0538z	29/05 in prog, vy strong into E GB
	0601z	29/05 [697 repeated] weaker than 0538z sending.
	0612z	31/05 in prog, weak
	0536z	05/06 In prog S7 E GB.
	0600z	07/06 [A 38433 92871 69471] gd sigs E GB
9063kHz	0700z	07/05
	0700z	21/05
	0700z	23/05 [44282 98803 52233]
	0700z	30/05
9135kHz	0718z	03/05
9153kHz	0700z	10/03 [62103 06233 90763] weak sigs
	0700z	31/05 vy weak into E GB, apart from 'attencion' figs unreadable
	0700z	07/06 NRH, plain unmod carrier evident at 0712z in E GB
9230kHz	0804z	18/03
9260kHz	0227z	14/05 [AM Sounds like V2/V2a carrier; on known V2/V2a freq; no broadcast]
9322kHz	0428z	29/03 [A _____ 88464] -freq stated as 9322.3kHz.
9331kHz	0601z	05/05 [A 71921 31283 55051 then 71921 x5] S9 East GB background buzz.
10446kHz	0333z	05/05
	0533z	19/05 speech distorted with buzz, better in SSB
	0541z	16/03 speech distorted with buzz, better in SSB - as per 19/05 tx
12180kHz	0223z	14/05 [A _____ 59373]
12215kHz	0204z	20/05 [In prog, _____ 93711 98161]
13436kHz	0100z	06/05 [Atencion 01101 83242 12042]
	0106z	27/05 [ AM In prog, _____ 93712 98162]

V07

The May Tues/Thurs sendings via Gert:

0600z	14621kHz
0620z	16321kHz
0640z	17520kHz

From Gert, HFD and RN GB:

14621kHz	0600z	06/05 [635-271/79=18202]
	0600z	29/05 [Null msg 635]
	0600z	19/06 [635::1-186/33=77188]
16321kHz	0620z	13/05
	0620z	20/05 [335 1]
	0620z	19/06 [635::1-186/33=77188]
17521kHz	0640z	20/05 [335 1]





Some fading marred the 2010z sending 02/05 with 2030z strength tickling +10dBs. The 2050z offering was decidedly 'scratchy' due to watery audio -- 00461/00193. 06/05 gave 00679/00137 good sigs.09/05, good signals for 3<sup>rd</sup> sending only a repeat of 06/05. Variable signal strength signals on 13/05 produced the diminutive 00693/00057. 16/05 00540/00141. 20/05: 00503/00145 repeated on 23/05.

27/05 good sigs, 00982/00249. RN GB has noticed that the 50<sup>th</sup> group shows a longer space on the spectrogram and on the converted message. Although the Friday 29/05 sendings were appalling in strength and quality RN GB sent a sample to show the 50<sup>th</sup> group phenomenon on the respective groups, 14416, 87802, 77588 and 56039. PLondon was in IoW and unable to monitor the sendings, enjoying a 5 course dinner followed by a twirl in the ballroom of the splendid hotel that Mr&Mrs PLondon were staying at [He managed M10 0410z 01/06 though. The cleaner will find a cryptic 555 868 28 174 28 868 64 28 == 08828 etc written on the back of a menu card - I imagine the local headlines now]. An SMS Mmsg at around 2200z alerted him to the state of the sendings of this XP

#### Late XP, May 03 from PoSW

2120z 17504kHz 27/05

2140z 15904kHz 27/05

2200z 14604kHz 27/05

ID596

2120z, 17,504 kHz; 2140z, 15,904 kHz and 2200z, 14,604 kHz, full message with total transmission time of approx. 4 minutes 31 seconds. The first two sendings were very weak, only just detectable, the third sending was by far the strongest although only peaking S6 or so with rapid QSB. The same schedule had also been noted on Thursday 1-May with slightly stronger signals on all three frequencies and a total transmission time of 5 minutes and 29 seconds. The same frequencies were used in May last year. [PoSW] PLondon noted that a full sending occurred 27/05, but the signal strengths on all sendings that night were, as PoSW found, appalling.

#### XP June 03 morning sendings, courtesy JoA, PLondon:

0600z 11157kHz 03/06 06/06 10/06 13/06 17/06 20/06 24/06 27/06

0620z 12458kHz 03/06 06/06 10/06 13/06 17/06 20/06 24/06 27/06

0640z 13857kHz 03/06 06/06 10/06 13/06 17/06 20/06 24/06 27/06

ID148

The first message sent for June was dk/gc 00487/00217. JoA reported the signal as good strength whilst PLondon suffered with some local QRM. The frequencies chosen match those used last month and last year. 06/06 presented 04874/00291 - long message! Good signals throughout. Poor signals dominated the 10/06 with the best reception at 0640z - dk/gc 09643/00251, repeated 13/06. The 17/06 sending was 00754/00293. The second sending was affected by a burst of maritime data which removed grps 109 to 113 and a deep fade that affected grp 274. The 0640z was the poorest of the mornings offerings at a constant S5 with PLondon at his central London workplace. 20/06 produced a 2 message format: 00358/00031 & 00754/00293. 24/06 good signals 00137/00273. A likewise two message format was seen again on 27/06 with 00640/00049 and a repeat of the tues 24/06 00137/00273. Perhaps the 49 group message was either thanks from Mr Putin or a recall to Moscow for his London Ambassador! Tally mark visible at start of 00000 sequence.

#### XP June 03 evening sendings, courtesy JoA, PLondon, PoSW:

2000z 14597kHz 03/06 05/06 10/06 12/06 17/06 19/06 24/06 26/06

2020z 13417kHz 03/06 05/06 10/06 12/06 17/06 19/06 24/06 26/06

2040z 11532kHz 03/06 05/06 10/06 NRH 17/06 19/06 NRH NRH

ID545

Good signal strength on the first sending with PLondon +10dBs, 07015/00261 being the bk/gc. The sending on 05/06 were of excellent strength producing dk/gc 04366/00223. Good signals for 10/06: 00997/00203. 17/06 09243/00079 and repeated on 19/06. NRH for 24 -26/06.

2010z 16174kHz 03/06 06/06 NRH 13/06 17/06 20/06 24/06 27/06

2030z 14878kHz 03/06 06/06 NRH 13/06 17/06 20/06 24/06 27/06

2050z 13445kHz 03/06 06/06 10/06 13/06 17/06 20/06 24/06 27/06

ID184

Poor signal strength pervaded all sendings on 03/06 with around S8 being the best on the 2030z offering, unfortunately QSB present. dk/gc not totally received: 04n94/00143. This partially received message was repeated again on the next scheduled sendings, 06/06, the full message received without problem: dk/gc 04094/00143. Last sending was poor. *The italics above illustrate the change of sending time being adjusted to fall in line with other sendings.* The expected 10/06 2010z et al sendings were not heard, not so much as a carrier, tone, whatever. PLondon switched to 'vfo B' at 2044z in readiness for the expected 2050z tx only to hear the final tones as the message closed. The message was obviously sent early. RN GB caught the ending as: 47085 21092 33837 35077 44818 86034 01005 83238 75330 >>>. On 13/06 PLondon listened to the sendings start at 2000, 2020 and 2040z. The dk/gc of these sendings were 04017/00175. Comparison with RN GB's sample 9 groups [above] showed that the missed message was the first sending of that intercepted 13/06. 17/06 00545/00119. It was again repeated on 20/06. New message on 24/06, excellent sigs producing 00281/00211. 27/06 all poor sigs with PLondon, 00281/00244, best was S5.

#### Late XP, June 03 from JoA, PLondon, PoSW:

2120z 18459kHz 03/06 missed 10/06 13/06 17/06 19/06 20/06 24/06 26/06

2140z 17439kHz 03/06 missed 10/06 13/06 NRH 19/06 NRH 24/06 26/06

2200z 15659kHz NRH missed 10/06 13/06 NRH 19/06 NRH 24/06 26/06

ID446

Very weak, poor signals obviously not including GB in its footprint. The resultant spectrogram of 03/06 was picked apart to discover 05162/00175 -- group count could be 177 though?. PoSW remarks, " Again, signal strengths have been variable; on Tuesday 3-June all three transmissions

were weak signals, way down in the noise but on Thursday 5-June all three were very strong signals with the first sending at S9+ plus many dB and the third sending the weakest at strength S9. In fact I think this was the best reception of the late night XP schedule for a long time."

Late freq courtesy of JoA, full message 10/06 5mins 10secs. 2120z S4/6, 2140z S4+QRM poor, 2200z S9+25dBs. 13/06 was an excellent sending, sig strengths reaching +20dBs for 00574/00213. Sigs on 17/06 were very poor, propagation took its toll and whilst a full message was heard at 2120z it was weak and unusable in PLondon's shack. The other two sendings remained NRH with PLondon. PLondon did hear those signals sent on 19/06: 00334/00183. On 24/06 first two transmissions produced very low signal strengths, S3 and S4 respectively. However the third sending at 2200z was at least 20dBs over 9.. [Is the footprint changed for the last sending]? Dk/gc 00403/00199.

On Friday 20/06 JoA intercepted a sending on 20/06 and alerted PLondon via telephone. There was no apparent 2<sup>nd</sup> and 3<sup>rd</sup> sending. 26/06: 00403/00199. Thanks to PoSW for use of his freq cribs.

#### XPH

##### April's evening XPH

1830z 14837kHz 01/04 05/04 08/04 12/04 15/04 19/04 22/04 26/04 29/04  
1850z 13373kHz 01/04 05/04 08/04 12/04 15/04 19/04 22/04 26/04 29/04  
1910z 11648kHz NRH NRH NRH NRH NRH NRH NRH NRH NRH  
ID836

##### May's evening XPH:

1830z 16355kHz 03/05 06/05 NRH 13/05 17/05 20/05 24/05 27/05 31/05  
1850z 14785kHz 03/05 06/05 NRH 13/05 NRH 20/05 NRH 27/05 31/05  
1910z 13377kHz NRH NRH NRH NRH NRH NRH NRH NRH NRH  
ID373

Friday 09/03 sending remained unheard by PLondon; looking at the solar forecast he discovered that a solar storm was probably due to his lack of signals. He also noted that 14 and 16MHz was almost devoid of any transmissions, and the stations that were audible were not as strong as usual. As expected the 13/05 sendings were back, the 16M was S5 and the 14M variable to +20dBs. Good to see the recombination effect considered PLondon's wishes to catch XPH! Conditions were changeable on 17/05, the first sending on 16M was a reasonable signal with PLondon. He remarked that the 2<sup>nd</sup> 14M freq did not produce the expected sending and that it was very noisy. 24/05 as 17/05, no second sending audible. JoA and DoK monitored XPH for PLondon whilst he was away Both confirmed to PLondon that the null messages of 31/05 were received at a signal strength of S7 and S5 accordingly. [Txn JoA and DoK]

##### June's evening XPH:

1830z 17455kHz 03/06 NRH 10/06 14/06 17/06 21/06 24/06 28/06  
1850z 15932kHz 03/06 07/06 10/06 14/06 17/06 21/06 24/06 28/06  
1910z 14470kHz NRH NRH NRH NRH NRH NRH NRH NRH NRH  
ID494

Surprisingly good signals for the June kick off with strengths of S8 on the two longish 1200Hz tones at 1822z, continuing as such for both null messages. The Saturday 07/06 tones were missed by JoA and PLondon but caught by AnonUK. He reported that the first sending was inaudible [propagation]? On 10/06 it appears the first sending was a casualty of the solar activity at PLondon's horizontal wire, however JoA's vertical array did its stuff well and was heard. The null msg sent 14/06 were heard by AnonUK and PLondon at good strength. Reasonable signals on 17/06 albeit another Null Message. Both sendings excellent sigs on 21/06.

PoSW noted, "Signal levels have been varied ranging from, for example, S9 on Tuesday 3-June to "Weak and watery" on Tuesday 10-June." [Txn PoSW]

Of the 28/06 sendings JoA writes, '0msg on XPH to-night. 17456k 1830z Tones 1823:54 M S indistinct, 1824:48 M S indistinct. Signal=Zero QRM-noise, poor. 15932k 1850z Some tones 1842:29 indistinct, Signal=Zero QRM-noise, poor. I doubt if you would have been able to use it if there had of been a message. (Length of transmission 2min.18sec on time)'. Txn JoA.

With months of null messages this circuit must be a low priority one or kept open 'just in case'.

#### XPL

The last observations by AF were :

5460kHz 2000-2008z Wed 26/03  
5476kHz 2011-2018z Wed 26/03  
9112kHz 2027-[2035?]z Wed 26/03  
11432kHz 1920-1943z Tues 25/03

#### XPM

Last monitored by AnonUK on:

15604kHz 1220z 15/03

#### Non-Number Station Broadcasts of Interest:

JoA writes BC txs. noted: 26/6: 15455k 2005z VOR Moscow (Eng. News.) S9+35dB vst.

12070k 2018z VOR Moscow (Eng. News.) S9+40dB vst.

15401k 2007z Unid. (Eng. News, re-Liberia) American accent (VOA?) QRM-BC.

#### NUMBER PREDICTIONS

Gert's excellent Prediction Chart for July 2003:

Date	Day	Time (utc)	TX	Name	Freq (kHz)
1	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
1	tue	10.30	E11	Oblique	9610 or 7840 also friday?

1	tue	13.00	E11	Oblique	9950
1	tue	17.42	S21	Russian lady	4973 5373 or search
1	tue	19.00	G06	German lady 00000	11425 if msg on mon
1	tue	19.00	S06	Russian man 00000	search, june freqs 7608 and 7618
1	tue	20.00	G06	German lady 00000	9240 if msg on mon
2	wed	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
2	wed	07.00	S06	Russian man 00000	12365 or 13420 or 14580 (all +/- 10 kHz)
2	wed	11.55	E23	Voice of E05	8188
2	wed	17.00 / 20 / 40	E07	English man 000 000	search, june freqs 13918 12212 11162
2	wed	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
2	wed	21.00	S11a	Cherta	5358 or search (5180 ?)
2	wed	21.00 / 22.00	E06	English man 00000	poss sked, june freqs 11480 / 9320
3	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
3	thu	08.00	E11	Oblique	10125
3	thu	11.55	E23	Voice of E05	8188
3	thu	17.42	S21	Russian lady	4973 5373 or search
3	thu	20.00 / 30	G04	Three note oddity	try each thursday freqs 5360 5460
3	thu	20.30 / 50 / 21.10	E07	English man 000 000	new sked, june freqs 12116 11132 ???
3	thu	21.45 - 22.45	E18	Five Free	search, inactive?
3	thu	22.00 or 23.00	G22	Edna Sednitzer German	search, june freq 7317 Likes 1st thu
4	fri	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
4	fri	08.00	E11	Oblique	11116
4	fri	08.20	V08	Eastern music	11290 ? Just give it a try...
5	sat	12.30 / 13.30	E06	English man 00000	search, june freqs 16303 / 14851
5	sat	14.00 / 15.00	E06	English man 00000	search, june freqs 14570 / 12181
5	sat	18.00	V08	Eastern music	6645 inactive ?
6	sun	12.30 / 13.30	E06	English man 00000	search, june freqs 16303 / 14851
6	sun	14.00 / 15.00	E06	English man 00000	search, june freqs 14570 / 12181
6	sun	17.00 / 20 / 40	E07	English man 000 000	search, june freqs 13918 12212 11162
6	sun	20.20	G06	German lady 00000	search, june freq 13380 new sked?
7	mon	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
7	mon	20.15	S06	Russian man 00000	Poss sked
7	mon	21.45 or 22.45	S04	Edna Sednitzer	3373 or 3868 or search
8	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
8	tue	10.30	E11	Oblique	9610 or 7840 also friday?
8	tue	13.00	E11	Oblique	9950
8	tue	17.42	S21	Russian lady	4973 5373 or search
8	tue	19.00	S06	Russian man 00000	search, june freqs 7608 and 7618
8	tue	21.45 or 22.45	S04	Edna Sednitzer	3373 or 3868 or search
9	wed	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
9	wed	07.00	S06	Russian man 00000	12365 or 13420 or 14580 (all +/- 10 kHz)
9	wed	17.00 / 20 / 40	E07	English man 000 000	search, june freqs 13918 12212 11162
9	wed	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
9	wed	21.00 / 22.00	E06	English man 00000	poss sked, june freqs 11480 / 9320
10	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
10	thu	08.00	E11	Oblique	10125
10	thu	17.42	S21	Russian lady	4973 5373 or search
10	thu	20.00 / 30	G04	Three note oddity	try each thursday freqs 5360 5460
10	thu	20.30 / 50 / 21.10	E07	English man 000 000	new sked, june freqs 12116 11132 ???
10	thu	21.45 - 22.45	E18	Five Free	search, inactive?
10	thu	22.00 or 23.00	G22	Edna Sednitzer German	search, june freq 7317 Likes 1st thu
11	fri	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
11	fri	08.00	E11	Oblique	11116
12	sat	12.30 / 13.30	E06	English man 00000	search, june freqs 16303 / 14851
12	sat	14.00 / 15.00	E06	English man 00000	search, june freqs 14570 / 12181
13	sun	12.30 / 13.30	E06	English man 00000	search, june freqs 16303 / 14851
13	sun	14.00 / 15.00	E06	English man 00000	search, june freqs 14570 / 12181
13	sun	17.00 / 20 / 40	E07	English man 000 000	search, june freqs 13918 12212

					11162
13	sun	20.20	G06	German lady 00000	search, june freq 13380 new sked?
14	mon	11.55	E23	Voice of E05	8188
14	mon	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
14	mon	20.15	S06	Russian man 00000	Poss sked
15	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
15	tue	10.30	E11	Oblique	9610 or 7840 also friday?
15	tue	13.00	E11	Oblique	9950
15	tue	17.42	S21	Russian lady	4973 5373 or search
15	tue	19.00	S06	Russian man 00000	search, june freqs 7608 and 7618
16	wed	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
16	wed	07.00	S06	Russian man 00000	12365 or 13420 or 14580 (all +/- 10 kHz)
16	wed	11.55	E23	Voice of E05	8188
16	wed	17.00 / 20 / 40	E07	English man 000 000	search, june freqs 13918 12212 11162
16	wed	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
16	wed	21.00	S11a	Cherta	5358 or search (5180 ?)
16	wed	21.00 / 22.00	E06	English man 00000	poss sked, june freqs 11480 / 9320
17	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
17	thu	08.00	E11	Oblique	10125
17	thu	11.55	E23	Voice of E05	8188
17	thu	17.42	S21	Russian lady	4973 5373 or search
17	thu	20.00 / 30	G04	Three note oddity	try each thursday freqs 5360 5460
17	thu	20.30 / 50 / 21.10	E07	English man 000 000	new sked, june freqs 12116 11132 ???
17	thu	21.45 - 22.45	E18	Five Free	search, inactive?
17	thu	22.00 or 23.00	G22	Edna Sednitzer German	search, june freq 7317 Likes 1st thu
18	fri	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
18	fri	08.00	E11	Oblique	11116
19	sat	12.30 / 13.30	E06	English man 00000	search, june freqs 16303 / 14851
19	sat	14.00 / 15.00	E06	English man 00000	search, june freqs 14570 / 12181
20	sun	12.30 / 13.30	E06	English man 00000	search, june freqs 16303 / 14851
20	sun	14.00 / 15.00	E06	English man 00000	search, june freqs 14570 / 12181
20	sun	17.00 / 20 / 40	E07	English man 000 000	search, june freqs 13918 12212 11162
20	sun	20.20	G06	German lady 00000	search, june freq 13380 new sked?
21	mon	09.55	E23	Voice of E05	8188
21	mon	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
21	mon	20.15	S06	Russian man 00000	Poss sked
22	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
22	tue	10.30	E11	Oblique	9610 or 7840 also friday?
22	tue	13.00	E11	Oblique	9950
22	tue	17.42	S21	Russian lady	4973 5373 or search
22	tue	19.00	S06	Russian man 00000	search, june freqs 7608 and 7618
23	wed	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
23	wed	07.00	S06	Russian man 00000	12365 or 13420 or 14580 (all +/- 10 kHz)
23	wed	09.55	E23	Voice of E05	8188
23	wed	17.00 / 20 / 40	E07	English man 000 000	search, june freqs 13918 12212 11162
23	wed	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
23	wed	21.00 / 22.00	E06	English man 00000	poss sked, june freqs 11480 / 9320
24	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
24	thu	08.00	E11	Oblique	10125
24	thu	09.55	E23	Voice of E05	8188
24	thu	17.42	S21	Russian lady	4973 5373 or search
24	thu	20.00 / 30	G04	Three note oddity	try each thursday freqs 5360 5460
24	thu	20.30 / 50 / 21.10	E07	English man 000 000	new sked, june freqs 12116 11132 ???
24	thu	21.45 - 22.45	E18	Five Free	search, inactive?
24	thu	22.00 or 23.00	G22	Edna Sednitzer German	search, june freq 7317 Likes 1st thu
25	fri	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
25	fri	08.00	E11	Oblique	11116

26	sat	12.30 / 13.30	E06	English man 00000	search, june freqs 16303 / 14851
26	sat	14.00 / 15.00	E06	English man 00000	search, june freqs 14570 / 12181
27	sun	12.30 / 13.30	E06	English man 00000	search, june freqs 16303 / 14851
27	sun	14.00 / 15.00	E06	English man 00000	search, june freqs 14570 / 12181
27	sun	17.00 / 20 / 40	E07	English man 000 000	search, june freqs 13918 12212 11162
27	sun	20.20	G06	German lady 00000	search, june freq 13380 new sked?
28	mon	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
28	mon	20.15	S06	Russian man 00000	Poss sked
29	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search between 14621-13840 for 6.00z
29	tue	10.30	E11	Oblique	9610 or 7840 also friday?
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30	wed	05.10 / 30 / 50	E07	English man 000 000	8251 9476 10631
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30	wed	20.00 / 20 / 40	E07	English man 000 000	15638 13872 12203
30	wed	21.00 / 22.00	E06	English man 00000	poss sked, june freqs 11480 / 9320

©Gert07/2003 [Thanks Gert]

#### ODDITIES

Of PLondon's 'swisher' [NL16 p29] RN GB writes, "I investigated the swishing sound around 1600z using spectrogram. I detected the signal from 13383 to 13461kHz and it sounded clearest in AM mode. It consisted of 3 sweeping pulses. I measured on at 888 Hz which was audible at 13460kHz and then tuning down the next pulse came in around 13436kHz at 1265Hz and then at 13433kHz I found the other at 1490Hz. All three could be heard on 13428kHz. Tuning down the 888Hz pulse disappeared leaving just the higher two. My guess is that this is an OTH (over the horizon radar). It best sounds like a wood saw on 13436 AM." [Txn RN GB] See also S30 the pip.

On 4503kHz 1920z 2320z E reports a time station and would like to know its location. He surmises that the signal may come from Russia and mentions it is none too accurate.

On 9282kHz 1912z 19/05 E heard what he describes as 'rasps' every 4.4seconds between blasts. Any ideas?

#### BACKWARDS MUSIC STATION (XM)

5435.0kHz 0430z 11/05 Greg Hajek, Chicago,US  
5435.5kHz 0535z 02/05 at S3 from RN GB  
6229.0kHz 2025z 24/06 also on 6245 and 6255kHz at same time.[LC France]  
6542.0kHz 2030z 15/05 via LC, France.  
17108 kHz 2050z 03/06

#### BUZZSAW

Just one report of this raucous station, from 'E':  
11132kHz 0617z 04/05

#### CARRIERS [Blank ]

Nil Reports

#### CRACKLE(XC)

Nil Reports

#### FROGS! (XFR)

On hearing a sample of XFR Ary sent a message suggesting that XFR is a NATO OTHR. PLondon asked Ary to, "...share the details with us; type of signal, prfs and the like?" Messages 1271 and 1273 on E2k's Number Monitor Group refer. PLondon has received a private reply from Ary suggesting that the sweep from this OTHR covers 7380, 7992, 10825, 10955, 13975, 14424, 18864 and 23000kHz .

13857kHz 0628z 16/05

#### 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)

5072kHz 1932z 24/06  
5831kHz 2023z 19/06  
6870kHz 2145z 08/05  
7527kHz 2027z 19/06

7682kHz 1918z 13/03  
 8081kHz 1950z 24/04  
 12224kHz 1600z 07/05  
 13506kHz 0707z 29/05  
 14430kHz 1950z 16/05  
 14861kHz 1657z 11/06  
 17463kHz 1200z 07/05

S28 [formerly XB]

4624kHz 2355z 25/05 [The buzzer sent a message this evening]

S30 [The Pip]

Continues to dominate 3757kHz in the 80M band.

3757kHz 2110z 09/05 S5 South London, GB.

A like 'pip' was also heard by PLondon whilst checking the ending of an M10 sending on:

3808kHz 0418z 14/05

Another pip worth listening too was heard by 'E' and may still be active:

7505kHz 0909z 23/02

'E' contacted us to mention a pipping noise he hears every second Sunday and which occurs between 13423 to 13440kHz.

13437kHz 0610z 04/05

SLOT-MACHINE (XSL)

XSL is heard on 3058, 3075, 4152.5, 4231, 4290.5, 5643, 6249.5, 6416.5, 6445, 6500, 6693, 6768, 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

For more info: <http://dSPACE.dial.pipex.com/brogers/page20.html>  
<http://www.ominous-valve.com/mystery.html>

SQUEAKY WHEEL(XSW)

Whilst this enchanting station can be heard strutting its stuff on 3828kHz PLondon heard another case for 3in1 treatment on 7050kHz.

3828kHz 2119z 09/03 S3 in South London, GB

TELEPRINTER 4710

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

4710kHz	0807z	06/05
	2218z	09/05
	0650z	27/06
6702kHz	0808z	06/05 [NRH]
	2217z	09/05 [NRH]
	0651z	27/06 [NRH]
9000kHz	0808z	06/05
	2216z	09/05 [weak]
	0651z	27/06 [NRH]
11122kHz	0809z	06/05
	2215z	09/05 [weak]
	0652z	27/06 [weak]
15020kHz	0810z	06/05 [NRH]
	2213z	09/05 [NRH]
	0653z	27/06 [NRH]

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

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

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

#### ENIGMA 2000 ARTICLE

From our German Desk we received this most interesting article. If you have ever wondered why certain languages are used by Number Stations read on:

#### German speaking Groups outside Germany.

The stimulus for this article has come from several sources, including my own interest in number stations and my service in BAOR [British Army On the Rhine]. During this time I was employed on, amongst other duties, what was then termed EW [Electronic Warfare]. Of course in these enlightened [?] times it has become Electronic Counter Measures or ECM.

One posting that I have read stated that the German Stations transmitting numbers are obviously aimed at Germans. Not so! I recall a remark made to me, whilst on EW duties, by an Intelligence Corps sergeant. He was of the opinion that a German transmission merely proved that the sender and recipient speak German.

Another stimulus for this exercise is my personal fluency in German and probably the reason for my being employed on the duties I have just described.

The forgoing led me to do some research into groups outside the obvious national group who would understand German as well as use it on an everyday basis. I have excluded Austria where the national tongue is German.

The amount of groups involved surprised me [and may surprise you]. This article is the result of research using personal knowledge, conversation with acquaintances, books and finally the internet. I cannot claim that this research is complete or exhaustive and would welcome corrections and additions via ENIGMA 2000.

All conclusions drawn or opinions expressed are my own and in no way associated with any Service Branch, Government or Professional body with which I have in the past associated, or with which I may be associated with in the future. My sources are disclosed at the end.

#### German Speaking Minority Groups

##### France: Alsace - Lorraine:

Geographically part of France, Alsace-Lorraine is divided into three French departments, following the national French system. Historically it is one of those areas which has changed hands several times as a result of war. The departments are: Bas-Rhin [German - Unterfilssass], Haut-Rhin [German - Oberfilssass] and Moselle [German - Lothriwgen].

During the period 1871 to 1918 the area was a federal state of the German Empire. For a long period the territory of the department of Belfort [Welschundsgau] remained, until 1870, part of Alsace, with some 40% of the population German speaking.

For a list of place names that will assist in the identification of the area and illustrate the linguistic diversity:

<http://www.geocities.com/Athens/9479/elsass.html>

##### Historical Comment:

This area retains to this day, its own distinct language, bordering on pure German 'Hanoverischels or Hochdeutsch, the German equivalent of Oxford English.

I have met natives of this area and have conversed, at length, in German. The reader should note that this area is geographically and politically part of France, and that the national language is French.

During World War 2, many Frenchmen, particularly from this area, served in the Wermacht and Waffen SS. Sufficient Frenchmen were recruited to form a complete Waffen SS division, although it should be noted that by no means all Frenchmen serving were natives of this area. Indeed, during the German period of occupation in WW2, this entire province was incorporated into the Greater German Reich, and all its male population were subject to exactly the same conscription laws as the remainder of Germany.

*Source: Private conversations, Waffen SS order of battle [website] and Waffen SS Foreign Legions.*

##### Belgium:

Linguistically possibly the most complex country in Western Europe so far as division of populace by linguistic and ethnic grouping is concerned. Broken up into areas [*sub-areas*] they are:

##### Brussels and Flanders [A]:

Brussels: Bi-lingual in French and Dutch. [A1]

Flanders: Dutch NB. No linguistic minority rights are extended in this area. [A2]

Flanders: Dutch with linguistic minority rights for French speakers.[A3]

##### Wallonia [B]:

Wallonia: French and Waleen [B]

Wallonia: French; no linguistic minority rights [B1]

Wallonia: French, plus linguistic minority rights for Dutch speakers [B2]

Wallonia: Wallonia - Waleen, a language spoken, but not recognised. Presumably treated as a dialect. [B3]

##### German in Wallonia [C]:

A sizeable region of Wallonia contains a German speaking group, divided as follows:

Wallonia: French with linguistic minority rights for the German speaking population. [C1]

Wallonia: There are no linguistic rights for those German dialect speakers resident in the province of Luxembourg. [C2]

Wallonia: German is also spoken in those areas of Belgium which are not considered, geographically, to be situated in the German speaking area of the country. [C3]

The illustration of the division of language groupings by area can be assisted by perusal of the author's stated source.

Source: <http://www.geocities.com/Athens/9479/be3.html>

#### Luxembourg

This independent Grand Duchy, measuring 51 miles by 32 miles, lies at the junction of the borders of France, Germany and Belgium. The spoken language used by all levels of society is Letzeburgesch although all newspapers are printed in German, with some advertisements and articles in French.

This language, together with French and German is an official one. In nearby eastern Belgium live another 150000 ethnic Luxembourgers who also speak Letzeburgesch. This language is derived from 4<sup>th</sup> Century German, and has evolved so much as to give difficulty to many 21<sup>st</sup> Century Germans trying to speak it/

Historically, Luxembourg has belonged, at various times, to Burgandy, France, Spain, Austria and Germany. It has long had its own Royal Family. In recent years despite its neutrality Luxembourg was occupied by German troops in both World Wars. During WW2 some Luxembourgers formed their own fascist party modelled on the Nazis [NJDP].

A list of place names will show locations and can be used for comparison purposes:

<http://www.geocities.com/Athens/9479/lux.html>

#### Groups in the Alps

In this long mountain range, which runs through much of Europe, are to be found several minority groups who speak German as an everyday language. They have been grouped under the various country of residence or ethnic group name.

#### Italy:

South Tirol: In this beautiful region of the Italian Alps there is the strange situation of a majority of German speakers living in the area. Taken in the context of the area being politically and geographically part of Italy, they are in a minority of the Italian population. Since the 1950's there has been unrest in this area, presumably as a result of this. There has even been a movement for the independence for South Tirol. That is, however, outside the scope of this article.

Throughout Italy, are scattered various other groups of German speakers. In the Aosta valley of Italy and in other nearby valleys are to be found the Walser. These are a minority group who speak a dialect derived from High German [Hochdeutsch]. It is also similar to Hanoverian High German, the German equivalent of Oxford English. This dialect is related to the one spoken in the Swiss canton of Valais and bears no resemblance to the dialect of South Tyrol.

In Aosta there are two distinct dialects: In the town of Gressonei the dialect spoken is called Tits. The speakers of this, some 578 souls, make up 66% of this small town. The second, found in the Töitsu dialect and spoken in Eisseme by 292 souls. [About 80% of this small Alpine town - *a small minority indeed!*]. Taken together with the speakers living in Piemontes, val Sesia and Val Formazza, together with Aosta's Vallee de Lys, they number some 1000.

#### Gurinner Deutsch

This group live in the Swiss canton of Ticino which has an Italian majority. The area is named Bosco-Gurin and is a German enclave. They speak a high German and have, until recently, remained isolated from all other German speaking groups. Only now, is the influence of the dialects of Swiss areas such as Zurich beginning to have any influence on their dialect. Back in the middle ages they left their original home in the canton of Valais, settling in their present home.

Their dialect is akin to that spoken by Walser -Germans who live in Italy.

Geographically Bosco-Gurin is situated in Ticino [ a Swiss canton] where Italian is the predominant language.

#### Cimbrian

In Trentino a group closely related to the Mocheno - Germans who live in the Fresina valley. These are the most southerly located group of German speakers in Italy.

In the Friuli province of Italy are small enclaves of German speaking people whose dialect is Bavarian. Last but not least, still living in the Alps are groups of German speakers who are survivors of German communities in Slovenia. [See later entry].

#### Bavarian

As mentioned above there are several German speaking communities in Northern Italy who use this dialect. Around Trento and in the province of Veneto, one hears the Cimbrian [or German= Zimbrisch] dialect. Around 3800 persons in that area speak it. The people who speak Mocheno German, about 1900 in all, live in the three towns of Fersina Valley [Trentino]. These are, geographically, the most southerly German speaking community in Italy. In Friuli, are several alpine towns that also have German speakers resident.

#### Slovenia

In the area around Gotschee, was an old community who spoke the Bavarian dialect of German. Following WW2 most of these Germans were expelled. However some have remained, as has been the case in other "Language enclaves" in Northern Slovenia. They are Rut and Sorica. These communities are in no way related to the other German communities of Old Yugoslavia [see later].

Historical Note: During WW2, many ethnic Germans of all the foregoing national groups served as volunteers in the German Armed forces, the Wehrmacht. During the 1950's a nationalist group agitated, in some cases violently, for independence for South Tirol.

A list of place names for comparison and location purposes can be found at:  
<http://www.geocities.com/Athens/9479/tirol.html>

*Part 2 of this interesting piece from our German Desk will appear in the next Newsletter.*

Before we move onto News and Items of interest we offer a recount of a talk given by PLondon, on behalf of the Bexley Heritage Trust at Hall Place, Bexley, Kent.

#### Numbers Talk given for the Bexley Heritage Trust.

Hall place, a fine Grade 1 Listed country house built in 1540 for Sir John Champneis, a Lord Mayor of London, and extended in the 17th century, is set in beautiful formal gardens on the banks of the River Cray in Bexley, Kent. During World War 2 it was used as an intercept station in the Y service and staffed by American forces under British direction. The Luftwaffe signals intercepted there were passed to Bletchley for analysis. With the above scenario in mind a small exhibition was put together. This was opened for the night of the talk by request and a baby's gas mask, ration books, HRO and SX28 receivers could be seen.

ENIGMA 2000 were approached to give a talk in support of this exhibition and accepted the request. At 1930 on 28th May in the main Hall PLondon talked for an hour and six minutes on 'Secretive Communications, an enigma of the Short Waves' in front of an audience some 20 souls strong, including six E2k members.

In support of the talk were a series of sound samples and transparencies, the necessary equipment being operated efficiently by DoK, who also gave some input into the Slavic language when requested. The OHP was a little 'naff' but the transparencies could be read with a squint made at the right time.

At the end of the talk various intelligent questions were asked before the session closed at 2055.

The majority of those present stepped forward to thank PLondon for his 'interesting insight' into Number Stations, whilst others asked for more details. The next day E2k group site membership increased by eight.

We were unable to offer sample newsletters; E2k had asked Bexley Heritage Trust, and received an assurance, for the printing of a few copies of the current newsletter for the talk. Unfortunately the assurance was not valid!

Two persons, one blonde female were seen to enter the Hall together after talking outside. Inside the hall they sat apart separated by another female. At the end of the talk the two left immediately, not staying for a chat as others had. Perusal of the Guest book yielded a local Dartford number coded 01322 mnnnn. This number was later dialled but yielded only the NU [number unobtainable] tone. Paranoia, mere coincidence or something more sinister? There was a video and sound record made of the entire event, all those who attended being recorded.

Prior to the event PLondon was handed some news cuttings concerning 'Piglet', the failed BaE spy and a book, both for addition to the ENIGMA 2000 archive.[Tnx R].

After the event an extraordinary ENIGMA 2000 regional meeting was convened in the Jacobean Barn next door for 30 mins. [Unlike the Epsom meeting the members did not discover themselves to be under close scrutiny by unknown others!] Due to popular request, we anticipate another meeting in the near future.

Although a video record was made [Tnx to member who did this] copies will not be readily available. The question concerning copies of the talk, sound samples and transparencies being made available via the net has been discussed and as a result of certain very valid points concerning the content, and a singular event at the Hall, will not now be made available either.

[E2k did not request nor received any fee for its talk, no private expenses being claimed either].

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#### NEWS & ITEMS of INTEREST

##### Radio Pranks

According to a piece in the Metro 19/06 "Radio pranksters left Cuban leader Fidel Castro swearing at listeners after they duped him into thinking he was talking to Venezuelan president Hugo Chavez."

The Miami based Spanish Language station used clips from previous Chavez speeches to make claims about a lost briefcase.

##### Fancy Dress Pranks

At the recent 21<sup>st</sup> birthday celebrations for Prince William an impostor, dressed as none other than Osama bin Laden gatecrashed the party. Whilst seen as extremely funny by most persons the authorities have asked for a full enquiry to the matter and Royal Security has since been stepped up. Tony Blair has even apologised to the Queen - no doubt to try and boost his failing ratings amongst the voting public.

Hilda Murrell's killer charged.

Hilda Murrell was a 78 year old rose grower who lived in Shrewsbury. Apart from her fondness for roses she was also known to be an ardent anti-nuclear campaigner. On Saturday 24th March, 1984 her body was discovered in a remote wood several miles from her house.

Whilst Police treated the murder as 'ordinary' it soon entered the realms of the conspiracy theorists.

The Police version was that an unknown burglar entered Hilda Murrell's house and abducted her, killing and dumping the body subsequently. Conspiracy theorists linked Hilda Murrell's demise to several theories; Tam Dalyell apparently linked the death to the loss of various papers concerning the sinking by HMS Conqueror of the Argentinian Warship, the Belgrano. He forwarded the theory that she was interrogated by Government 'specialists' from the security forces.

Another theory was televised by Central TV. An interesting reconstruction was made by John Stalker who fielded a burglar/sex attack theory where Hilda Murrell, having been left for dead, crawled 1584 feet away from the scene.

At the time that Hilda Murrell was murdered she was preparing to offer a paper on Sizewell B nuclear power station, "An Ordinary Citizen's View of Radioactive Waste Management". Along with others she firmly believed that she was being targeted by private detectives working on the case for the security services. What was known was that a fake PO Box number was set up to gather details on the activists, many of whom complained about the harassment of being under constant surveillance and whose telephones were being tapped. Just before her death Mrs Murrell made a phone call to friends and was recorded as stating, "If they don't get me first, I want the world to know that one old woman has seen through their lies."

There were two other theories suggested - that involving a rogue private detective with a previous conviction for a sex offence and the other, the interrogation theory.

It seems possible that the truth may come out shortly. A man was reported as having been arrested on 09/06 and then stated as having been charged on 10/06. At the time Hilda Murrell's underwear had been removed and body fluid left. The further development of DNA recognition processes and the taking of samples by the police on arrest for certain offences this arrest may have been prompted by a match and an obvious confession.

Two books feature Hilda Murrell's story, but obviously not to the current events:

Stranger on the Line, the secret history of phone tapping: Patrick Fitzgerald and Mark Leopold. p217 to 218

Enemies of the State: Gary Murray p143 to 208

Online: <http://www.urbanparanoia.co.uk/rants/wkkm.htm>

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MOSSAD targets Britain, claims Daily Mail Newspaper.

On Tuesday 6th May a voice on a telephone call stated: "Hello! Have you seen the front of the Daily Mail today?" It was Rob of Essex. "Yes, I have come the reply."

The headlines read 'Israeli Secret Agents Target London'. The next comment was, not surprisingly, "Do you reckon we'll see better signals from E10?"

According to the 'Daily Mail' Israeli secret agents are stepping up their operations to counter the threat of 'exported terror'. [Two Britons are stated as having been involved in a suicide bomb attack previously]. The piece continues stating that Israel's Prime Minister Ariel Sharon has ordered MOSSAD to increase operations by infiltrating radical groups, tailing militants and gathering intelligence. The article also states that Sharon 'believes murderous Islamic fanatics are being allowed to operate freely from London'.

Although MOSSAD has a total of eight departments the Collections Department is the largest. It has offices in other countries that may, or may not, have diplomatic cover. The Department has a number of 'desks' that are responsible for various geographical regions, the case officers responsible directing the 'stations' they are responsible for.

A Technology Department is responsible for the development of advance technologies for support of MOSSAD operations. In April 2001 this advertisement was placed [in Hebrew] for the right sort of technologists:

#### THE MOSSAD IS OPEN

Only to 13 Engineers

The technology branch of the Mossad is looking for electronics engineers and computer science graduates.

Do you dream of developing sophisticated technological instruments?

Are you looking for work that provides a challenge every day? The

technology branch of the Mossad invites you to become a partner in

the production of clandestine technology. If you are looking for a

future in which you can contribute to yourself and to the State, send

your resume noting your citizenship ID number to this fax

number: 1-800-363-003; email: tec-job@zahav.net.il

The Mossad is open. Not to everyone. Not to many. Maybe to you.

This announcement is directed equally to men and women. Only suitable candidates will receive a response.

The Special Operations Division [Metsada] conducts highly sensitive assassinations [Dr Gerald Bull], sabotage and paramilitary and psychological warfare projects.

Fifteen geographically organised desks for Western Europe, USA, Latin America, CIS, China, Africa, Morocco, Algeria and Tunisia [collectively the Maghreb] Libya, Jordan, Syria, United Arab Emirates, Iran and Iraq [Remember Farzad Bazoft]. These desks make up the Research Department; responsible for intelligence production. This includes daily situation reports, weekly summaries and detailed monthly reports.

Will Britain be seeing an increase in Israeli Diplomats? Perhaps a head count on the number of persons who enter the Embassy at Kensington Palace Gardens might provide an answer, providing you can navigate around the added concrete obstacles outside.

©Harry Palmer

DST detain terrorist.

The French DST intelligence services have detained a man travelling at the Charles de Gaulle Airport whilst in transit from Germany to Reunion Island. The DST believe the man, Karim Mehdi, to have links to al Qaeda and whilst being interrogated admitted links to the al-Qaeda network. The

cell in question was believed to be that led by Mohammed Atta involved with the attacks on the Pentagon and New York. Mr Mehdi admitted that to investigators that he was going to Reunion Islands to plan an attack on the popular tourist destination.

MI5 not Nine to Five!

Deep fat friers aside, Freemasons Hall used as Thames House interior BBC's Spook's returns for another [wait for it] extended series. [Good views of the foyer area and fire escape from the Great Hall itself]. Looking in the Radio Times it was seen that a web site had opened, complete with message board. Whilst the majority of messages seemed to revolve around whether or not the characters Ellie and Maisie [or was that cupcake?] would survive from the last episode of the first series there was a particular message and replies which were of immediate interest to E2k:

Real spies communications methods

Is there anyone using this message board who is aware of how a foreign ministry would communicate with their agents overseas on short wave radio? Anyone know who enigma2000 are?... sal ibn hari

re: Real spies communications methods \*\*\*\* \* - 1st post - 27 May 2003 23:20

This could be totally unrelated, but there is a Yahoo group listed under shortwave, called- named after?-enigma 2000... they have something on bizarre stations picked up..broadcasting morse and 'number stations'.

I dont think that i can paste it, but if you search on google, 'enigma2000', the 3rd page , right at the bottom a site called 'electronic links' has , well. lots of similar site links.. they might be of interest. ...

Then this reply:

re: Real spies communications methods sal ibn hari - 3rd post - 29 May 2003 08:09

Thanks Jess, I found Enigma 2000 - lots of members and frequencies. Heard a message yesterday - someone speaking letters on 4461kHz yesterday night! Fantastic. Have you downloaded their newsletter? It really is full of interesting things to do with the Intelligence World. ...

You can read more: <http://www.bbc.co.uk/drama/spooks/>

The series took off well with a less than exciting start as the whinging and whining Ellie and her oh so cute child, Maisie escaped the threatened immolation by a Semtex packed laptop. Staying up to watch episode 2 via BBC3 was also an experience. This time Muslim extremists intended suicide bombings in Birmingham. A respected Muslim made much of this to the newspapers claiming that the storyline would tar all Muslims with the same brush and asked for the episode to be shelved. Erstwhile [and rather boring] hero Tom Quinn was blown up once again whilst bits of agent and unfortunate 16 year old fanatically impressed bomber rained down on him. It was noted that despite 'Tom' [think that's the legend he used for that episode] being blown off his feet and suffering theatrical blood around his mouth the police car windows remained intact - despite them being shut! In unbelievable style Tom lets his 'love' for Ellie and Maisie interfere in his work.

A decent review was read in T2, The Times 03 June and can be accessed:

<http://www.timesonline.co.uk/newspaper/0,,171-701060,00.html>

There was a similarity to the way in which the MI5 assisting Muslim was used. The Reda Hassaine story can be read:

<http://www.themodernreligion.com/terror/british-spy.html>

Interestingly Mr Hassaine is mentioned as "just before 4pm on Tuesday 10 November 1998 Hassaine walked into Scotland Yard and asked to speak to Special Branch." Episode 3 dealt with dirty money, laundering and the Russian Mafia whilst Episode 4 featured a drill involving the use of the nerve agent VX. All good stuff but a pity that the author of that story had not read Jane's offering on NBC weaponry to get his facts right. Nice to see 'survivall' single filter respirators and barrier suits being issued. Surely MI5 would be issued with S10 respirators and noddy suits? And were was the Fuller's earth and the auto injectors?

Those without digital tv mised Spooks in favour of being force fed with Tennis from Wimbledon. Oh Really! It's all too infuriating!

Now on to the real world!

Readers of various Sunday newspapers will not have failed to read that the British Intelligence services are not putting their hands up to having produced Blair's 'Weapons of Mass Destruction'. All the articles maintain that the document was not the work of our Secret Squirrels. The Metro [02/06] laid the facts out with Blair's spun report on Saddam's weapons' and stated that PM TB 'personally changed a key dossier about WMD to justify a war with Iraq...' The Metro stated that this was claimed by the former Cabinet Minister Clare Short. Ms Short accused TB of 'bypassing normal Whitehall procedures, relying on personal contacts with the US administration rather than Cabinet colleagues. As if that was not enough Ms Short also accused the PM of 'duping the public over the case for war'.

In usual form TB insisted the proof would be made public 'Over the coming weeks and months, we will assemble this evidence and then we will give it to the people'.

Whilst Foreign Secretary Jack Straw is stated as denying that the Intelligence reports had been hyped the former Foreign Secretary Robin Cook sated that the Government had made a 'monumental blunder' over Iraq.

Wonder if TB has read Frederick Forsyth's excellent novel 'Fist of God'? Professionally written it compares with TB's WMD dossier in its fictional origins.

On 03/06 the news buzzed with mention that the British Intelligence Agencies were said to be harbouring 'rogue elements' using the WMD dispute [did they ever exist?] to undermine the Government. Despite the rogue spies claim Intelligence chiefs are ready to defend their role on producing the Government's dossier on WMD. This means that the heads of MI5, MI6 and GCHQ will give evidence to the Commons Intelligence Security Committee, which is investigating the issue.

Unfortunately the Commons Intelligence Security Committee meets in secret and reports directly to the Prime Minister rather than the Commons -- and -- surprise, surprise! Its findings are not made public. John Scarlett, the former MI6 station chief in Moscow, chairs the Commons Intelligence Security Committee. He has already indicated his support, having dismissed suggestions of hype.

As if opening the Metro newspaper on the 0552 toVictoria on 06/06 and reading the page 7 headline 'Weapons dossier sent back 6 times by No10' followed by 'The crucial dossier used by Tony Blair to justify the invasion of Iraq was returned to intelligence chiefs at least six times for re-writing, it was claimed last night.' That was early in the morning; later at 0708 on the radio station LBC [97.3MHz] Dr Ibrahim al-Marashi who wrote the plagiarised document 'Iraq's Security and Intelligence Network: A Guide and Analysis' was interviewed. In answer to questions he stated that he had not been contacted regarding its use and that the piece contained his original spelling errors. He did state that evidence of WMD's were all around if

the authorities read the correct signs in Iraq. Questioned on the threat that Saddam Hussein posed to the rest of the world Dr al-Marishi indicated that the threat was only a domestic one and cited the use of chemicals in the Iran/Iraq war.

A things progress it was stated in a few newspapers that Blair assured spy chiefs that there would be no more dodgy dossiers. Blair apparently promised 'that secret intelligence material will never be published again without the permission of MI6, MI5 and GCHQ.

A later report [Metro 12/06 by Mark Capper] had the headlines 'Blair dodges grilling over Iraq dossier' and stated in part... 'Mr Blair challenged critics to produce any evidence that the dossier had been tampered with.'

Dr Hans Blix [retiring UN Chief weapons inspector] stated that the US intelligence on Iraq's alleged WMD's was not solid and should not have been used to justify the war. He also said 'I have detractors in Washington - there are bastards who planted nasty things in the media' and claimed that the US pressured inspectors in Iraq to 'make more' of findings to trigger the war.

*[Really doesn't matter what Blair says - the war has been fought, many have suffered accordingly but Blair got his way. It doesn't matter if he never publishes another dodgy doc because the specific job he wanted done has been done].*

#### Detainee Secrecy Upheld

With reference to the holding of hundred of persons in connection with the 9th September attacks a Judge in the US has ruled that no information need be disclosed under the Freedom of Information Act. "America faces an enemy just as real as its former Cold War foes, with capabilities beyond the capacity of the judiciary to explore," wrote Judge David B. Sentelle.

Email snoopers face court.

British Bosses who snoop on staff emails and phone calls without first notifying the targeted employees could face legal action. Surveillance of emails, voicemail, Internet use and recording with CCTV cameras are covered by the Employment Practices Data Protection Code. However if criminal activity is suspected the above methods would be acceptable. Apparently the sending of pornographic emails is among the three most likely ways to get dismissed.

#### Increased Powers for ASIO

The Australian Security Information Office received the power to detain those suspected of having information about terrorist activities. The minimum age at which suspects can be detained has been raised from 14 to 16 to appease civil liberties supporters,

#### Comical Ali Released

Saddam Hussein's Information Minister, Mohammed Saeed al-Sahaf handed himself in to US forces but has since been released.

Mohammed Saeed al-Sahaf earned himself the nickname 'Comical Ali' due to the apparent outlandish claims [from the Coalition's view] he made concerning the advance of Coalition Forces through his country.

His rhetoric almost certainly stopped public order breaking down to the level of disruption seen after the US 'liberation' of Baghdad.

Whilst we can sit in front of a TV and see events within a few minutes of their occurrence, he served a country where the majority received their information by way of mouth. In that respect he did his job well.

#### Terrorism

We were not surprised to read that al-Qaeda has opened a new offensive against the West with the unfortunate deaths of 29 Americans in bomb attacks. The areas affected were the al-Hamra compound, al-Jadawel housing complex and the Vinnell workers complex.

Vinnell, a Virginia based company employs military specialists and has been accused of fronting for the CIA. In the past two employees were stated in 'Time' magazine as being involved in a failed attempt to overthrow Martin Bishop, the Leftist PM of Grenada. Shortly after another employee was implicated in the Iran-Contra affair.

Vinnell has been 'Saudi based' almost 30 years and had won a contract to train Saudi troops to guard oilfields. Not surprisingly in the 1991 Gulf War Vinnell troops were seen fighting alongside Saudi troops.

This unfortunate action clearly shows that despite the US action on terrorism, Afghanistan and Iraq, the threat has not diminished. The Times comment column accurately stated 14/05 'The bombs in Riyadh show that the threat of September 11 is not over'. It further stated, 'The Saudi bombs are being attributed to the al-Qaeda network. If so, we might reasonably ask for an inquiry into why two colossally expensive and destructive wars were fought by the West yet left unscathed the architect of all this woe'.

In the excellent series 'Das Boot' one scene showed the boat being depth charged by a British Corvette, on convoy protection, after torpedoing a tanker. As the crew shook with terror, the WEO was heard to say, "Now comes the bill."

[As those stranded in Kenya were no doubt aware, being unable to board British flights due to al-Qaeda threats]!

The headlines 'Bombing Threat to Embassy' referred to the closing of British and American embassies in Saudi Arabia; due the article states, to the 'Intelligence Agencies having picked up chatter between terrorist agents about new attacks against western targets'. Travel to Saudi Arabia has been advised against by the Foreign Office and 30000 British citizens already there have been told to take extra precautions. Not content with influencing ex-pats' lives the Government ordered the installing of concrete blocks around Parliament to guard against suicide bomb attempts. [That won't guard them against the effects of the ballot box though]!

#### Codeword: 'Doughnut'.

As GCHQ staff [an estimated 4000+] prepare to move to the £330M building the Guardian newspaper was given a guided tour around the new doughnut shaped headquarters of GCHQ. [Donut to our cousins in the US].

According to the article, written by Richard Norton-Taylor, it is built on the outskirts of Cheltenham, Gloucs and is open plan. It replaces over 50 aged buildings on two sites.

GCHQ will tackle new threats, including those posed by terrorist networks. It is surrounded by roads with names such as Connery Way and Lazenby Drive.

Richard Norton-Taylor outlined notable points about the building and its contents as:

The construction and maintenance will cost circa £1.1bn over 30 years. Whilst the budget for operations is an official secret it is estimated to be around £800M.

GCHQ is the biggest employer in Gloucs. Its linguists are fluent in a total of 67 languages. I was also the first to develop a means of sending information securely via the internet. [CESG?].

The canteen can seat 600 and BT laid more than 5000 miles of cable [distance equivalent of Cheltenham to Cairo and back again] and 1850 miles of fibre optics. More than 6000 miles of electrical wiring have been installed.

Richard Norton-Taylor's article 'The Doughnut, the less secretive weapon in the fight against international terrorism' appeared in 'The Guardian' Newspaper of Tuesday June 10, 2003 on page 3.

#### Cuban Diplomats *Persona Non Grata*

Fourteen Cuban Diplomats at the United Nations and in Washington have been given ten days [14/05] to leave US. It is claimed that they were 'engaging in intelligence activities'. There has been no comment from the Cuban Foreign Ministry in Havana.

#### Disaster upon Disaster

In Issue 15 we printed these two stories:

Page 30:

Terror attack on Britain Imminent?

According to Blair Britain will enjoy an inevitable attack by terrorists. Most timely that 'G' wrote in with, "Whilst Mr Blair believes an al-Qaeda attack on Britain is imminent and that he 'could spend billions' in preparation, the sad fact is that he won't.

The Nation could be vaccinated against biological agents, could receive respirators and Atropine/Oxime auto injectors against chemical weaponry, but they won't.

All HM Govt has done is to pass laws to allow the Military to seal off areas affected by such a terrible attack and to shoot anyone who attempts to leave it.

The reason is obvious; keeping the unfortunates in a known area reduces the call on the NHS, allowing those so affected to conveniently perish and pass on the cost of their suffering to their nearest and dearest in the form of funeral charges.

Leaflets giving advice on survival matters could be printed, but instead HM Govt advises those with Internet access to download an American publication from the FEMA site.

That is if you have managed to find the Government UK Resilience site in the first place. Of course you could take a look at :

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

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

*followed by:*

Page 31

Shoot to Kill!

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

Not four months has passed and now we hear that the Police may have to shoot members of the public to control crowds after a chemical, biological or nuclear attack. Police, we are informed, would have to take tough and extreme action so that the risk of infection or radioactivity was not spread, and prevent members of the public trying to break cordons to get away. [A typical response if faced with something you cannot fight is to flee]. Then we hear that a Home Office spokeswoman states, "Police have existing powers to detain someone in the unlikely event that people try to leave the scene of an incident. This does not include shooting people and we are not bringing in powers to do this." She forgot to mention that the Military already have those powers.

Freight containers are being screened to detect any 'dirty nuclear devices' being brought into the country.

In the meantime we hear from Mr Bob Elder addressing the Police Federation [98000 members of a total of 130000] that 'it was clear that police could have to resort to firearms to stop contamination being spread by fleeing victims.' He also stated that 'It's an option that Government are going to have to consider'.

#### Foreign Bidders to win £6.5bn MoD work

The provision of Computer systems and missiles looks set to go to foreign bidders. The Defence Infrastructure Initiative, a scheme to maintain computers and simplify battlefield communications. The shortlisted consortiums are lead by US companies. Is Britain not capable of doing this work itself? A debate in the Times [26/06] asked 'Is giving defence contracts to foreigners unpatriotic'?

[Wonder if they thought about the thousands who lost their jobs and the proportion of those who suffered repossession because of Britain's ability of helping everyone else except Britons].

#### NSA releases info on Great Britain's INT

The NSA has released historical documents relating to COMINT and SIGINT work with UK up to 1945. The full details can be found:

<http://www.nsa.gov/programs/opendoor/index.html>

Bubbles free spy

A German tourist jailed for nine months was freed after a court decided that his holiday snaps did not compromise Greece's security. The tourist was a 55 year old Turkish born resident of Frankfurt, has been freed and granted the right to claim compensation.

A dead farmer, his radio and ghostly whispers

09 May 2003:0618

Hong Kong - A rural Chinese province was gripped by rumours of a singing ghost after a radio was left inside a dead farmer's tomb, a news report said on Friday.

The ghost stories swept through Tongzi county in Guizhou, western China, after the farmer - an avid music fan - was buried with his favourite radio switched on at his side, the South China Morning Post reported. - Sapa-DP

Royal Irish regiment to be axed

The Royal Irish Regiment is to be axed in Northern Ireland as part of a major plan to cut troop numbers in the Province, it has emerged. Military authorities plan to scrap all three Home Service battalions, comprising of nearly 3,000 soldiers under a new deal to break the deadlock in the peace process. [© Copyright 2003, Press Association].

Whoops? Not again!

NL16 Page 32 'Whoops'. If American bases are your thing try: <http://www.globemaster.de/regbases.html>

Apology and reinstatement sought.

A short news item suggests that an apology and reinstatement is to be sought for Mr Profumo who lied to the House when questioned about his affair with Christine Keeler.

Iraqi charged with 'toxic powder' offences

A 45 year old Iraqi male has been arrested in Belgium and charged with premeditated assault and battery. The Iraqi is suspected of having sent 10 letters containing toxic powder to the Prime Minister and the British, Saudi and American embassies and other offices. After coming into contact with the powder 20 persons had to be treated for skin and eye irritation and breathing problems. The powder is believed to be composed of pesticide and poison.

Cold War Bunkers for Sale

Disused Royal Observer Corps posts are being auctioned off. The purpose of these bunkers was to provide part of the monitoring facilities in the event of Nuclear War. Three men [or women] monitoring teams would have been housed 15ft beneath the surface, returning to the top to make various measurements. There is no electricity, water or gas and the designs were very cold as they relied on natural air movement for ventilation. The units were said to be expected to fetch at least £8200 [US\$13202]. One fetched £21000 [US\$31818]! Bearing in mind that they are set in land that measures 15 by 10 yards it would be possible to mount a decent antenna for operating in an electrically quiet area. For info and images: <http://subbrit.hosting.ic5.net/roc/index2.shtml>

Ultimate Radio Monitor?

For over 20 years hidden between a couple of walls in his parent's house Iraqi Jawad Amir amused himself by listening to the Arabic service of the BBC World Service on his transistor radio. The 49 year old who was sentenced to death by Saddam Hussein also found comfort in his copy of the Holy Koran. In the images of him in his hideaway he was shown wearing just one earphone connected to a rather large receiver, make unknown.

A part of Iraq remains forever British.

Trooping the Colour marked another year for HMQueen's official birthday and was no doubt watched by thousands at the scene and millions world wide via television. It was noticeable that this year crowds were not allowed to form along Horse Guards Road, presumably for security reasons. Across the World British Embassies would have celebrated this event with a Garden Party or two and other social events. No different was the bash held in the British Embassy in Baghdad for 'about 150 diplomats, spies, soldiers and assorted Iraqi worthies'. This, we are informed was to celebrate the re-establishment of a British presence in Iraq. Apparently the Australian guests used an armoured car whilst American generals used Humvees. Of course, as befits his status Paul Bremer [US Diplomat who says he is in charge of Iraq's provisional government] arrived in a cavalcade 'worthy of the US President himself.

A brass quintet from The Black Watch played music and HM's Ambassador, Christopher Segar, offered toasts to the Queen and Iraq's future. Wonder if he knows OFTEL have a say in how Iraq's telecommunications services are going to be refurbished. [Will the contractors - probably none British - even bother to listen to them? Probably not].

There was an excellent image from the garden party on the front page of 'The Times' 16/06 and a rather fine article accompanied it: <http://www.timesonline.co.uk/newspaper/0,,170-715319,00.html>

*[All this brings back personal memories of the Trooping, at the Parade Ground, Steamer Point, Aden when I saw HE Governor take the parade in full ceremonial dress. Excellent memories, the like of which will, sadly, never be seen again. The loss of our Colonies and Protectorates, the dissolution of Empire and our movement towards Europe means that Great Britain remains a dumping ground for the worlds 'ne'er do wells'. Even the special relationship with America has been nothing but one-sided, Blair runs when Bush calls. Great Britain? Not on your nelly - not any more].*

Baldock

PLondon recently travelled to see MH re his PC [was losing his NL downloads -- AOL user says all] in Kings Lynn. WAGN train from Kings Cross to KL passes through Baldock, excellent view of the monitoring stations 4 towers, rotatable and a couple of sat dishes. Well worth the £22 fare. [WAGN very clean, very efficient].

#### Spy Jailed

Alexander Zaporozhskiy, a former Russian intelligence officer has been sentenced to 18 years imprisonment for spying for the United States. He retired from the FIS in 1997 and was arrested in 2001.

American bid to own space.

Imm sent in a rather interesting piece concerning the apparent wish of the US to 'own' space. The development of exotic new weaponry, nuclear warheads and spacecraft will allow the US to hit any target on earth in seconds. The document concerned is 'The Strategic Master Plan [SMP]. The SMP states 'the US will not allow any other power to get a foothold in space.'

*In a discussion on the 0552 to Victoria a fellow commuter stated 'America has buggered up Iraq, Somalia and Nicaragua, space seems to be the next thing to ruin - they watch far too much tv.' Thanks Arun!*

To see the Sunday Herald piece by Neil MacKay: <http://www.sundayherald.com/34768>

Microsoft Word "bytes" Tony Blair in the butt

Microsoft Word documents are notorious for containing private information in file headers which people would sometimes rather not share. The British government of Tony Blair just learned this lesson the hard way.

Last week, Alastair Campbell, Blair's Director of Communications and Strategy, was in the hot seat in British Parliament hearings explaining what roles four of his employees played in the creation of a plagiarised dossier on Iraq which the UK government published in February 2003.

The names of these four employees were found hidden inside of a Microsoft Word file of the Iraq dossier which was posted on the 10 Downing Street Web site for use by the press. The "dodgy dossier" as it became known in the British press raised serious questions about the quality of British intelligence before the second Iraq war.

[Tnx Politech]

Interesting story

Simon Mason sent this via the [e2k\\_news@hotmail.com](mailto:e2k_news@hotmail.com) facility: You might have seen a section on my website (and in the original ENIGMA mag.) that dealt with the real life story of Thomas Wagner (Michael Michnowski) who contacted me a while ago and I posted his message here, changing his name to protect his identity: <http://www.simonmason.karoo.net/page465.htm>

Anyway, at the end of the piece I hoped that his story would see the light of day and I'm glad to say it has. Follow the link at the bottom of the page to see his incredible story! There are 11 chapters in all and an epilogue. The page links end around chapter 7, so you have to go here:

<http://radio.weblogs.com/0101986/stories/>

to see the full lot from 1 - 11. Could you pass it on to the spooks lot as I'm not at work and my post will get bounced.

**PLEASE REMEMBER THAT [E2K\\_NEWS@HOTMAIL.COM](mailto:E2K_NEWS@HOTMAIL.COM) HAS NOW BEEN DISCONTINUED. PLEASE SEND ALL INFO/REQUESTS VIA: [enigma2000-owner@yahogroups.com](mailto:enigma2000-owner@yahogroups.com)**

And finally:

We finish with a very apt quote from 'Captain Corelli's Mandolin'

"In those days Great Britain was less wealthy than it is now, but it was also less complacent, and considerably less useless. It had a sense of humanitarian responsibility and a myth of its own importance that was quixotically true and universally accepted merely because it believed in it, and said so in a voice loud enough for foreigners to understand. It had not yet acquired the schoolboy habit of waiting for months for permission from Washington before it clambered out of its post-imperial bed, put on its boots, made a sugary cup of tea, and ventured through the door."  
[Thanks for sending KW]

#### RELEVANT WEB SITES

Frequency details can be downloaded from:

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

<http://www.eyespy.com>

<http://www.globemaster.de/regbases.html>

<http://subbrit.hosting.ic5.net/roc/index2.shtml>

<http://www.bbc.co.uk/drama/spooks/>  
<http://www.timesonline.co.uk/newspaper/0,,171-701060,00.html>  
<http://www.themodernreligion.com/terror/british-spy.html>

<http://www.urbanparanoia.co.uk/rants/wkhn.htm> [Hilda Murrell].

<http://www.timesonline.co.uk/newspaper/0,,170-715319,00.html>

<http://www.sundayherald.com/34768>

<http://www.nsa.gov/programs/opendoor/index.html>

<http://radio.weblogs.com/0101986/stories/>

Finally a cracking reference received anonymously [but apparently in the public domain]:  
[http://www.mod.uk/publications/raf\\_fylingdales\\_upgrade/index.html](http://www.mod.uk/publications/raf_fylingdales_upgrade/index.html)

#### REQUESTS

GROUP 13: E2k would like to learn more of this secretive group

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

Please make your requests or replies via [enigma2000-owner@yahoogroups.com](mailto:enigma2000-owner@yahoogroups.com) or 076 2627 6417 pager.

#### STOP PRESS

All Members:	Tnx all members who supported the Bexley talk by attending and convening the extraordinary meeting after.
AnonNI:	Tnx for package.
DoK:	FIL/08 MYBNR AYANF UYAMM APXXX WRART ARFPW GASTR FFXXX
E:	Thanks for all info/logs.
LP:	Thanks for your log.
Marconi 1:	Trust bubbles ok? Welcome back.
SA:	Tnx for reports -- JIT!
Tom:	Tnx page msg re Bexley es post card.

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

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

**ENIGMA 2000 CAN BE PAGED VIA: 076 2627 6417**

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