

**ENIGMA 2000 NEWSLETTER**

Articles, news reports and Items of interest:

<http://reachus.at/enigma>[e2k\\_news@hotmail.com](mailto:e2k_news@hotmail.com)

Nov 01

Issue 7

Welcome all to Issue 7 of the E2k newsletter.

Thanks to all who sent congratulations of our first anniversary, and comments of support and encouragement for the future.

There has been various speculation on the "lists" as to the possible changes we might see to the Numbers Scene following the tragic events of Sept 11<sup>th</sup> in USA. To date there do not appear to have been any. The closure of a Russian base in Cuba had the expected results but we wait with interest to see if its "facilities" turn up elsewhere. Following the end of the "Cold War" there was a drastic reduction in Number Station activity, part of the so called Peace Dividend. Yet as I sit comfortably on my Welsh hillside the world I now look out on is a far more dangerous place than it was then. Arguably it is now more dangerous than at any other time in history.

Why is this not reflected by our Number Stations ?

I announced in NL 6 that the CONTROL LIST Issue 12 would be on the Website in early Sept, I was wrong – the Gremlins struck – but Issue 13 WILL be there in early Nov.

V02c variant Added to CONTROL LIST

V25 NEW Chinese station added to CONTROL LIST

## SELECTED MORSE STATIONS

Note that freqs shown "cNNNN" are approx, analogue receivers.

This is only a limited representation of the logs received, in full they would have taken up the whole issue. Welcome to our new CW contributors and thanks to all.

### 5680

(M23), see issue 5 info, up to its tricks again interfering with the S & R freq.

### M01

Hand sent, short zero. Continues on regular schedule.

Report received of TX c7800kHz 08.00z 12/10 [436 22=84985]

5017kHz 20.00z 4/9 463

6261kHz 15.00z 15/9 463-40#/33=31440

5474kHz 18.00z 20/9 463 620

### M01a

5017kHz 20.00z 29/9 463 333 End of month variant (thanks HFD)

### M08

Poss TX's heard on these unusual freqs

c9360kHz 07..00z 26/9

c9060kHz 07.10z 26/9 (2<sup>nd</sup> freq ?, parallel ?)

### M08a

Busy as usual, slight variations in start times especially on 9330kHz as the following log excerpt shows, 11432kHz has also been starting early. Indications that some schedules may be discontinued.

All 9330kHz 30/8 31/8 5/9 06.58z

27/8 6/9 06.59z

1/9 3/9 10/9 07.00z

20/8 22/8 23/8 7/9 07.01z

8/9 07.02z

28/8 29/8 07.06z

4/9 07.07z

6/10 05.24z  
13/10 05.25z

While on 5/9 it waited until 07.10z then TX'd on 9239kHz ?? , highlighted in LP's log, also noted by MS (USA). This freq is particularly strong in Asia as is 9323, 9331, 10216 and 10446kHz  
Other freqs noted :- 3025, 3244, 9323, 5758, 4173, 4329, 4506, 10235, 10344, 5420, 7976, 3926, 11432, 7864, 9153,4016, 4478, 6825, 10858, 8186, 8136kHz ++

M10

c4795kHz	21.14z	10/10	555 619 26 071 23	
5741kHz	22.03z	4/9	555x3, 482x3, 263x3	// 9165kHz
6945kHz	21.04z	18/7	555 619 32 071	Active most evenings
			619 08 32	
	21.13z	19/8	in progress	// 4783kHz
6945kHz	21.03z	12/8	555 619 24 071 22	
			619 26 24	then faster 5F gps
c9180kHz	22.05z	25/9	555 483 20 919 37	
8190kHz	18.05z	22/7	555x3, 126x3, 801x3	
	21.05z	22/7	555 619 31 071	
12295kHz	19.31z	20/8	in progress,	
			slowed to send " <u>BT BT</u> 48 48 40 40 ,417 x 3, 26 x 4, <u>BT BT</u> "	
			then faster 5F gps.	
10922kHz	17.28	28/8	in progress	
			" <u>BT BT</u> 63 63 38 38, 450 x 3, 03 03 24 24 <u>BT BT</u> "	

Other freqs noted :- 4783, 7745, 7845, 8190, 5470, 6780, 5737, 6834, 8112kHz, ++

M12

Peter comments that the Friday night schedule changed for September and the Sunday morning freqs have reverted to those used earlier in the year.  
This is a very good station for those monitors wanting to improve their CW skills, plenty of traffic, not too fast, good number of groups, usually good sigs, various "dependable" times. This tabulation shows the current range of freqs and those most active.

4583kHz				
5783kHz	21.07z	11/9	in progress, 875 x 3, DK/GC 600 169	Key clicks
	Repeat	at 21.20z	4583kHz	
5788kHz				
6782kHz	16.00z	27/8	749 x 3 DK/GC 2916 144	Almost daily TX
	Repeats	at 16.20z	7657kHz and 16.40 8173kHz.	
6856kHz	18.50z	8/8	583 x 3, DK/GC 3925 145.	Repeat at 19.10 5788kHz
7657kHz				
8064kHz	17.00z	16/7	462 x 3, DK/GC 8261 143. Moved here from 8084 to avoid <b>E05</b> , on 8085, which has now gone. Repeats were 17.20z 6856kHz and 17.40z 5788kHz, very weak.	
	10.00z	23/7	462 x 3, DK/GC 7459 107?, very low GC. Weak sig. Repeats were 17.20z 6856kHz, 17.40z 5788kHz. Both very weak.	
	17.00z	6/8	462 x 3, DK/GC 5431 135. Repeat 17.20z 6856kHz and 17.40z 5788kHz	
	17.06z	23/8	in progress, repeats at 17.20z 6856kHz and 17.40z 5788kHz	
	17.00z	27/8	462 x 3, DK/GC 2916 144	Note that the DK/GC was the same as the "749" TX an hour earlier on 6782kHz etc !!!
			Repeats at 17.20z 6856kHz and 17.40 5788kHz	
8084kHz	18.36z	8/8	in progress, key clicks.	Very strong
	18.30z	29/8	583 x 3, DK/GC 7613 143	Strong, key clicks
			Repeats at 18.50z 6856kHz and 19.10z 5788kHz	
8173kHz	02.42	10/9	in progress	
10234kHz	21.02z	7/9	in progress, DK/GC 7631 65	Schedule change for Sept ??
			nothing heard on previous Aug freqs	
12062kHz	21.04z	3/8	in progress, ended 21.06z "000 000"	

12072kHz	20.44z	7/9	in progress	
12203kHz	19.25z	7/9	in progress	
13502kHz	19.44z	27/8	in progress	
13537kHz	20.40z	3/8	750 x 3, DK/GC 2198 51	Very strong
13576kHz				
14387kHz	20.21z	3/8	493 x 3, DK/GC 4184 143	Strong sig
14453kHz	07.05z	5/8	in progress	
	07.00z	19/8	494 494 494 000 rpt	Very strong
	Repeat at 07.20z 15953.			
	07.00z	26/8	494 494 494 000.	
	Repeat at 07.20 15953kHz			
14532kHz	07.00z	2/9	505 x 3 DK/GC 4127 103	New September Sunday freq
	Repeats at 07.20z 16032kHz and 07.40z 17532kHz			
	07.00z	9/9	505 505 505 000	
	Repeat at 07.20z 16032kHz			
14602kHz	19.26z	27/8	in progress	
14621kHz	19.13z	20/8	in progress, ended 19.23z "000 000"	
	19.10z	27/8	516 x 3 DK/GC 479 151	Good sigs, is this becoming a regular
	Monday slot ?			
14672kHz	20.37z	27/7	in progress, with 14729kHz, ended 20.41 "000 000"	
14729kHz	20.20z	17/7	750 x 3, DK/GC 184 31. Slight keying problem. Repeats were 20.40z 13537kHz and 21.00z 12062kHz.	
	20.20z	20/7	750 x 3, DK/GC 184 31. Repeat 20.40z 13527kHz	
	20.20z	27/7	750 750 750 000 rpt.	Strong sig
	20.24z	3/8	in progress, ended 20.26z "000 000"	
	20.20z	7/8	750 750 750 000 rpt	
	20.20z	21/8	750 750 750 000 rpt	
	20.20z	28/8	750 x 3 DK/GC 4826 74	Strong sig
	Repeats at 20.40z 13537kHz and 21.00z 12062kHz			
	20.23z	31/8	"750" in progress	This well established Friday schedule was
	MUCH stronger than the 14387kHz TX'ing at the same time. Peter comments that they either			
	come from different sites or are being "beamed" straight at him.			
	Repeats at 20.40z 13537kHz and 21.00z 12062kHz			
14934kHz	21.01z	10/9	295 x 3, DK/GC 2834 107	Very strong
	Repeat at 21.20z 13576kHz			
15953kHz	07.23z	5/8	in progress. Freq change for August.	
15962kHz	20.01z	31/8	493 x 3, DK/GC 4716 305	VERY long message
	Repeat at 20.20z 14387, only a minute after the above finished.			
16032kHz	07.20z	15/7	505 x 3, DK/GC 948 33	good sig.
	07.20z	22/7	505 505 505 000 rpt 2 mins	good sig
	07.20z	29/7	505 505 505 000 rpt	
16136kHz	19.11z	30/7	941 x 3, DK/GC 6981 209.	Possible that this schedule has been running
	on Mondays in July plus one other day too.			
17425kHz	18.54z	30/7	in progress, ended 19.06 "000 000"	
17477kHz	19.44z	31/8	in progress	
17532kHz	07.40z	15/7	repeat of 16032.	
18963kHz	18.36z	30/7	in progress, ended 18.46z "000 000"	

Other freqs noted:- 12200, 13503,

M13

9416kHz	08.00z	2/10	"456" <u>BT</u> 151 50 <u>BT</u>	
9183kHz	21.07z	17/7	in progress, 272 for 1 min then " <u>BT</u> 246 20 <u>BT</u> , 5F gps	
	thought faster TX than usual, with short finishing dashes			
9241kHz	20.03z	6/8	"261", <u>BT</u> 246 24 <u>BT</u> , 5F gps	again thought to be faster

10372kHz 19.12z 7/8 in progress, ended 19.14z  
 12614kHz 20.00z 23/8 "714", BT 203 22 BT ended 20.13z, 3 slow dashes  
 8065kHz 19.00z 26/8 "417", BT 203 24 BT  
 4051kHz 21.00z 26/8 "659", BT 241 53 BT nice slow TX  
 Other freqs noted :- 5584, 4535, 10982, 9342, 9975, 11215, 11424, 6883, 7636, 3937, 11516kHz ++

M13a

????kHz 03.00z 10/9 139x3 000 (R5)

M14

11425kHz 19.00z 20/7 256 256 256 00000 MCW, the regular 3<sup>rd</sup> Friday slot  
 repeated 20.00z 10635kHz  
 19.00 17/8 as above 3<sup>rd</sup> Friday slot  
 19.00z 3/8 256, DK/GC 701 701 34 34 MCW, 1<sup>st</sup> Friday slot  
 repeated 20.00z, 10635kHz  
 11415kHz 19.00z 4/8 as above, repeat 20.00z 10635  
 usual "next day" repeat of full message  
 9273kHz 18.32z 7/9 "203" rpt, DK/GC 791 791 54 54 BT BT

M16

( Note that this station has been withdrawn from Control List)

c7668kHz 18.50z 22/9 8BY 629/237/816/395/155/914  
 // 10248kHz. Many TX's daily

M21

Good sigs in Japan in 4 – 7 mHz range

c7890kHz 07.30z 11/10 11739300131104 etc  
 c7910kHz 07.28z 13/10 1784858538628? etc

M22

The 10 – 13 mHz range giving good sigs into Far East

c8110kHz 21.45z 22/9 4XZ  
 c10100kHz 21.50z 12/10  
 c8100kHz 21.57z 12/10  
 c4280kHz 22.35z 12/10

M23

10910kHz 06.00z 15/9 Null mssg, 111 R10 almost daily  
 06.00z 16/9 Null mssg, 111 R10  
 9340kHz 07.08z 22/9 ID 10333 then 18gp mssg  
 07.00z 23/9 repeat of above Auto, 11WPM  
 07.00z 24/9 ID 10333 then 21gp mssg Auto, 11WPM  
 Interestingly both mssgs were only "11666 12666 13666" rptd

Other freqs noted :- 8307// 9285, 10650//9600, 19820kHz

M24

As of early October most of the schedules have gone??.  
 Will be interesting to see what happens long term.

17491kHz 21.10z 19/8 527x4 893x2 161x2 BTx2



stated is Greenwich Mean Time, GMT, [or UTC] as it is thought that some readers may mistake it for the figure 2. As such Zulu time will now be designated by a lower case 'z'.

Number monitors who would like to see tabulated frequencies of target stations could consult this web page: <http://www.cvni.net/radio/skeds/output>. ENIGMA 2000 cannot vouch for accuracy.

SEDA YE MOJAHED (Voice Of Mojahed)

In the last Issue I wrote that it was still unclear if this was a relation to the more famous broadcast station. I am afraid the answer is still unclear, however, further transmissions have been detected. ON WED 29/08 I was trapped in waiting for the Cable TV man and did some monitoring in the early afternoon, I found the familiar 'loop format' with Female announcer on 13430kHz. This was already in full swing at 1520z with jamming. Unlike the previous form of staying on one frequency the station was moving between 13405 and 13450kHz. I later found a similar situation in the area of 10230 kHz.

The format seems to be a mix of a brief announcement followed by about 1 minute of speech, this is sometimes interspersed with music and the whole thing starts again. Clandestine monitors have suggested that this is not a broadcast station but a 'numbers type station'. One to watch, given the present difficulties in the Middle East and surrounding countries. [Thanks 'C']

Perhaps as a statement to low power operation, whilst tuning along the medium wave looking for something to listen to whilst I was shaving, I happened upon a transmission carrying 'Hancock's Half Hour'. Immediately I became interested, Hancock being a blast from the past. The station that I had picked up was 'Swinging Radio England' on 819kHz. I listened and even entered a competition. I won a SRE frisbee!

In the package were the technical details of the station. Whilst I had no idea where the station broadcasts from, the MW quality was excellent in S.London [S9+20dB]. There is also a SW tx on 6276kHz [S9, variable]. It appears that the station runs no more than 30W from a single 807 [remember the blue flashes as they were keyed?] into a dipole on SW, whilst the RF is fed into an inverted L with 35 radials for 819kHz.

Whilst the fact that it is a 'pirate' station and really has no place within these pages cannot be disputed, the technicality of its low power transmissions and the ranges reached does. The results claimed by SRE for SW are excellent - remember AM transmission and only 30W - USA, NI, a lot of Europe. MW claims Kent, London, Sussex. Wonder if heard in the Midlands or further North? Really illustrates the fact that megawatts of RF are not really needed to reach a distant target, given the right conditions.

[A recent email to the SWM reflector bears out that SRE can be heard in US. The content as heard by myself was actually recounted by the American who posted the email].

Out of interest E2k would be pleased to learn how far and wide SRE can actually be received on both freqs.

On 30<sup>th</sup> September it was announced over the air that SRE had been received [on its SW freq] in New Zealand.

Didn't copy what island [at that distance probably of academic interest anyway] due to a rather loud clap of thunder.

Please send your voice logs to [e2k\\_news@hotmail.com](mailto:e2k_news@hotmail.com)

Ary asks: "What is the station that sends TROJKA VODZIM, SIDJORKA, ADJINKA etc., ends with koniec. She was on 5520 at 1930z 08/10. Answers either to Ary direct: [ary@luna.nl](mailto:ary@luna.nl) or via e2k using the usual methods.

#### **Onto the logs:**

E03/E03a

ENIGMA 2000 regrets details of the 'Lincolnshire Poacher' and 'Cherry Ripe' logs will not be published by e2k in the foreseeable future.

The 'D' Notice Committee have issued a notice [DA-5] which states, in part:

" (a) specific covert operations, sources and methods of the Security Service, SIS and GCHQ, and those involved with them, including the Special Forces, the application of those methods, including the interception of communications, and their targets; the same applies to those engaged on counter-terrorist operations;"

The entire 'D' Notices can be found at: <http://www.dnotice.org.uk/index.htm> and are Crown Copyright. We apologise for the lack of reportage on these two stations. However e2k is sure that those, whose logs, reports and

analysis will not be published will understand the situation and our reasons for with-holding this information.

E05

Peter of Saffron Walden wrote in his September log, "Several more long standing American Accent transmissions have gone, the Saturday and Monday 1800z on 9070//13444kHz, the Monday and Thursday 1900z on 10643//12197kHz - both of which vanished around the end of July and beginning of August.

Also gone is the Sunday 1200z on 15833//18036kHz, last heard on 12<sup>th</sup> August.

On the plus side a new E05 on Thursdays and Fridays at 2100z on 8080//10321kHz has appeared [as noted in ENIGMA 2000 newsletter, issue 6] as has a 2200z on 5175//6891kHz." Peter was unable to predict how long that particular transmission has been around but states that he first noticed it on Sunday 26<sup>th</sup> August. Although Peter heard it most nights he did not hear it on Mondays, 03/09, 10/09, Tuesday 11/09 or Friday 07/09. The transmissions have been noted on Saturdays and Sundays at 1000z and may be on daily at this time. Peter states, "With the morning transmissions 5175kHz is much weaker than at 2200z, but a reasonable signal nevertheless. To be able to receive such a relatively low frequency in daylight must mean that the transmitter site is not too far away and the intended recipients must be not much further away than Central Europe.

There have been changes during September, documented at the end of the frequency logs:

6891kHz	2210z	04/09 [757 count 199]	
	2210z	05/09 [680 count 199]	
6960kHz	2200z	12/09 [981]	
	2200z	08/10 [332] //9090//7960	
8080kHz	2115z	16/08	//10321kHz
	2110z	31/08 [493 count 78]	
	2100z	06/09 [493 count 78 028/70 248/23]	//10321kHz
	2111z	20/09	
	2100z	21/09 [494 53 99942]//10321	
	2100z	05/10 [891/132]	//10321
9090kHz	2200z	12/09 [981]	
9219kHz	2210z	24/08 [960 count 169]	
	2200z	08/10 [483]	
10321kHz	2100z	21/09 [494 53 99942] poorer sgl than // 8080	
10527kHz	2200z	21/09 [941 146 96049]	
	2200z	10/09*	
	2200z	17/09*	
10583kHz	2100z	01/09 [313/ 91 81590]	// 11580 (hfd)
10583kHz	2100z	11/09 [313] //11580	(hfd)
	2100z	15/09*	
11072kHz	1800z	02/09	//13465 (hfd)
	1800z	06/09	//13465 (hfd)
	1800z	16/09 [446/164]	
	1800z	23/09*	
	1800z	30/09 [126/191]	
11564kHz	1926z	27/08	
	1900z	03/09 [count 148 403/91 027/34 ]	// 13450kHz
	1915z	10/09	
11580kHz	2100z	01/09 [313/ 91 81590]	//10583 (hfd)
	2100z	11/09 [313]	//10583 (hfd)
	2100z	15/09*	
13450kHz	1900z	06/09 [842]//11564	(hfd)
	1930z	10/09 [count 189]	
	1900z	10/09 [817] //11564	(hfd)
13465kHz	1800z	02/09	//11072 (hfd)
	1800z	06/09	//11072 (hfd)
	1810z	16/09	//11072
	1800z	07/10	
13465kHz	1800z	14/10 [126] as 07/10	

13906kHz	1200z	02/09 [977/150 99916]	//15732 (hfd)
14739kHz	1500z	02/09 [613]	//16198 (hfd)
	1500z	28/09 [613/215 10140]	//16198 (hfd)
15732kHz	1200z	02/09 [977/150 99916]	//13906 (hfd)
16198kHz	1500z	02/09 [613]	//14739 (hfd)
	1600z	15/09 [721]	not //15682 (hfd)
	1500z	28/09 [613/215 10140]	//14739 (hfd)

[HFD's logs via spooks credited directly].

Those entries mkd\* are from Takashi, Nagasaki. Signal strengths were low, of an average signal strength of only S2, although the range covered 1 to 9. The S9 transmission was as follows:

15732kHz 1200z 29/08 S9 //13906kHz

Like Peter of Saffron Walden 'C' also notes the E05 changes and makes this remark accordingly:

"E05 Cynthia - Still a few around, but down on previous years. Regulars include -

FRI 2100z - 8080 // 10324kHz, SUN 1800z -11072 // 13465kHz, MON 1900z - 11564 // 13450kHz

THU 1800z - 11072 // ?

The FRI 05/10 TX at 2100z on 8080//10321 was call '891' count 132 - the first two groups were rather odd - 223/23 and 870/70."

Whilst Keith of Kent offered these:

5180kHz	2240z	25/09
5200kHz	2200z	22/09 [500/201=07341]rptd 2200z 26/09
6995kHz	2215z	10/10

[commenting 'all freqs approx - analogue receiver]

Tnx Keith

Just prior to publication we received this interesting synopsis of E05, from Peter of Saffron Walden, "Cynthia has bounced back, the recent trend towards a decline in activity has somewhat reversed in recent weeks; there is the 2200z transmission on 5175//6891kHz, first noticed in the last week of August, which seems to be on every day except Monday and Friday. I couldn't find this one on Tuesday 11/09 [the day of the Terrorist attacks in US] when I checked 5175//6891kHz at approx 2225z expecting to find the transmission in progress. It has turned up on Tuesdays since.

5175//6891kHz are also used by Cynthia at 1000z, ie late morning in the UK. I have heard this one on Tues, Wed, Thurs, Sat and Sun. It was heard on Bank Holiday Monday 27/08 but I have not been near a radio on a Friday to confirm whether it is on every day.

There is a new E05 on Mondays and Thursdays at 1900z on 11564//13450kHz first noticed in late September - although both frequencies are usually very weak signals it would have been easy to miss them. Perhaps they have been there for some time.

The Saturday afternoon 1400z 18617//19622kHz has appeared again; this has vanished and shown up again several times this year. It has re-emerged in September and October.

The E05-related data transmissions are still around, two distinct varieties. 'Fast FSK' and 'Pulse Data' Most noticeable of these is a 'Pulse Data' transmission, always a very strong signal on 5790//6970kHz. Both have been used by Cynthia in the not too distant past. This 'Pulse Data' appears to be on daily at 0600z and again every day except Thursday, Saturday and Sunday at 1800z. Note the twelve hours between transmissions, rather like the 5175//6891kHz E05.

The strongest 'Fast FSK' type data transmission was the 1600z 9205//11526kHz, both S9+ signals, noted on Saturdays in September. No doubt they were there on at least one other day of the week too.

[Thanks PoSW]

### E06

This station is still busy as Peter notes: "the Saturday afternoon 1230z turned up as expected in September although I have not managed to find the repeat an hour later as yet. The other weekend E06 on the second and fourth

Saturdays - repeated next day if a full message - was noted, just the ending - on 08/09. Both sendings at 1400z and 1500z were logged the next day. I thought this one had gone as I had not been able to find it for several months, but it certainly back in September." Thanks PoSW

Gert's log for August lists the activity for this station and the latter part of the month is shewn here:

12210kHz	2010z	20/08	[831-dk205 gc147=28601]
	2010z	27/08	[831-dk796 gc 85=83660]
	2010z	28/08	[ repeat of above ]
18340kHz	1230z	25/08	[824-dk531 gc 68=39451]

Gert suggests trying each Monday in September at 2010z on 10205kHz and mentions trying again on tuesday for any repeat message. [See 12210kHz for 27 and 28/08 above].

Anon of UK suggests:

E06 Saturday 1230z 18420kHz  
1330z 15640kHz

AnonUK notes that E06 transmissions could be heard on Sat & Sun 08/09, 09/09 which confirms Peter's findings, offering this:

10270kHz 2010z 10/09

whilst 'C' offered this:

"Strange Transmission - On WED 19/09. I noted a 'rare' F Beacon stopping and starting on 6870 kHz at around 1908z. The SLB was very strong and clear. At 1915z E06 call 178 -00000 commenced on the same frequency, the two continued for several minutes until the 'F' beacon just disappeared, it was not possible to tell if these were coming from the same audio feed or two different transmitters, but the strength of each was the same.

6870kHz 1915z 19/09 [178/00000] SLB 'F' mixing with this transmission"

'E' sent the following log in:

5455kHz	1925z	08/08	[452 no msg]
9052kHz	2211z	24/08	
12190kHz	1746z	13/06	[137x3 00000]
13410kHz	1409z	25/08	[ends 654x2 131 groups]

This was heard by Joerg Eberhardt, Germany.:

6820kHz	2200z	28/09	[361-879/116 37107]
6915kHz	2015z0	06/10	[623x3 00000]
8135kHz	2100z	28/09	[361-879/116 37101]

Gert's logs reflect the September activity for this station as:

8170kHz	2110z	25/09	[452-907/181=18391]
10205kHz	2010z	03/09	[null msg 452]
10215kHz	2010z	10/09	[null msg 452]
	2010z	17/09	[null msg 452]
	2010z	24/09	[452-907/181=18391]
15640kHz	1330z	01/09	[null msg 931]
18420kHz	1230z	08/09	[931-620/81=70329]
	1230z	29/09	[931-425/38=94712]

whilst the October expectations predicted by Gert are:

Mondays

2010z and 2110z 8090kHz (683) (sometimes + / - 15 kHz)

Sat/Sun  
1230z 18750 kHz  
1330z 15660 kHz (740)

Gert further logged:  
9090kHz 1915z 06/10[623] and asks "Each sat??"  
[Thanks Gert, excellent work!]  
and  
18750kHz 1233z 14/10 [posted on spooks].

#### E07

Gert of Holland writes in with further frequency news for this station [later confirmed by AnonUK] and suggests:

Mon 0500z 9343kHz  
0520z 10943kHz  
0540z  
  
Mon/Wed 2000z 10657kHz  
2020z 9367kHz  
2040z 7776kHz  
  
Wed 0510z 6934kHz  
0520z 8103kHz  
0540z 9368kHz

Again Gert forwarded a splendid August log illustrating E07's habits for August and we again reproduce the latter parts below:

7739kHz 0510z 22/08 [null msg, 701]  
0510z 29/08 [null msg, 701]  
9343kHz 0500z 27/08 [null msg, 392]  
13506kHz 2025z 15/08 [950-dk734 gc176=42967] Station 5 mins late  
14911kHz 2000z 20/08 [null msg, 950]  
2000z 27/08 [null msg, 950]  
2000z 29/08 [950-dk5136 gc 83=98044]

whilst Gert's September log is as splendid too:

6934kHz 0510z 12/09 [null msg 913]  
8103kHz 0530z 19/09 [null msg 913]  
9343kHz 0500z 03/09 [null msg 392]  
0500z 17/09 [null msg 392]  
10292kHz 2040z 19/09 [462-397/89=70013]  
10943kHz 0520z 03/09 [null msg 392]  
0520z 24/09 [null msg 392]  
11625kHz 2020z 10/09 [null msg 462]  
13416kHz 2000z 05/09 [null msg 462]  
2000z 10/09 [null msg 462]  
2000z 17/09 [null msg 462]  
2000z 24/09 [462-397/89=70013]

[Thanks Gert].

Takashi in Nagasaki, Japan observed the following:

6840kHz 2005z 15/09 [ends 000 000]  
remarking on this freq also used by E10. [Thanks Takashi].

and

8050kHz 2100z 09/10 [posted by Ary, via spooks]

### E10

Interference To Transmissions - Some E10 transmissions are suffering from severe co-channel interference.

EZI 11565kHz - problems with a very wide and distorted broadcast signal - possibly Pakistan or India, neither put out great signals. Also some collisions with E05 on a rather odd 11564kHz on MON at 1900z. Why when they have the whole band to choose from do they have to collide ? Still under WYFR in German at 2100z.

JSR - 7540kHz in the European evening time this is now home to what appears to be a China Radio outlet, again this is a distorted transmission and resolves best in LSB. Possibly acting as a jammer against a Radio Free Asia broadcast. Again problems for JSR.

ULX - 6270 kHz - I have noted Global HF Systems Messages on this frequency, however, at present I am not certain which transmitter site is in use. Sigonella Italy is the latest station to be added to the network. EAM - Emergency Action Messages are quite frequently sent, it is odd to listen to the numbers and letters sent by GHFS mixing with the Phonetics of ULX. A poor choice of frequency by the operators - routine monitoring would have easily identified ULX as a regular if not authorised user.

©'C'

4875kHz	2030z	02/10	strong sigs	Sth London
6270kHz	0100z	12/09	//7760.0	ULX2
6840kHz	0100z	12/09	//9130.0	11565.0 EZI
6842kHz	0200z	12/09	//9130.0	11565.0 EZI
7760kHz	0100z	12/09	//6270.0	ULX2
7918kHz	0200z	12/09	//9202.0	YHF
9130kHz	0100z	12/09	//6840.0	11565.0 EZI
9130kHz	0200z	12/09	//6842.0	11565.0 EZI
9202kHz	0200z	12/09	//7918.0	YHF
11565kHz	0100z	12/09	//6840.0	9130.0 EZI
11565kHz	0200z	12/09	//6842.0	9130.0 EZI

### E11

Reported in Issue 6 for June and July E2k was grateful to receive the following from Gert:

9450kHz 1230z 28/08 [null msg, 312].

[Remember the 0800z transmission apparently remains on the same frequency 10050kHz].

Gert later reported:

5180kHz 2000z 16/09 [32 groups, intro missed]  
1930z 17/09 [123-42gr=03051]

With advice to watch that frequency. The messages read:

5180kHz 20.00utc sun 16 september 2001  60680 00247 43108 16833 78148 06970 35955  93592 41391 35855 26764 12568 85161 66062  95901 17921 54021 07303 65151 37817 73443  79190 95109 84825 71620 7195n 30131 28341  .07789 68178 66561 68026  out
---

19.30utc mon 17 september 2001  03051 76399 20658 65943 48773 11540 29694  31726 46026 20221 93374 47247 26961 42127  24239 23484 90332 15937 73405 40263 41311  .07897 80385 45668 90810 91111 21663 15633  73500 16645 98677 14844 07216 26823 10227  85941 30857 84811 27514 04265 82766 07893  out
---

Gert's E11 log reflects the above 5180kHz activity as well as the active 10050kHz activity:

10050kHz      0800z   06/09 [null msg 232]  
                 0800z   13/09 [null msg 232]  
                 0800z   20/09 [null msg 232]

Whilst this interesting insight to E11's little foray into 'proper messaging habits' was monitored and commented on by 'C':

"E11 - Station Sends Rare Message - certainly not renown for sending messages this station usually restricts itself to the 'Oblique' 00 format of five minutes of call and no message - e.g. 261/00.

I was surprised to find a message in full flow on SUN 19/09. at 1836z on 5624 kHz. Sending in USB (making detection all the more difficult), it sent a 32 group message. Although I missed the call I believe this may have been the 'Special Operations' call 121, which as been known to send messages."

5624kHz      1836z   16/09 [poss121/32] USB!

#### E17

6865kHz      0200z   10/10 [583 241 68 699 03 36897 74737 01290...]  
                 0200z   11/10 [repeat 10/10]

Nathan[US & via spooks] queried if this station was from Cuba as was a very strong signal. Comments please.

5344kHz      0310z   11/10 [00000] hvy QRM from 900Hz shift FSK

#### E18

As noted in Issue 6 AnonUK remarked on this stations apparent absence: " Should have been on Wednesday and Thursday. [10/07 & 11/07] I tuned from 5000kHz to13500kHz but could not hear it anywhere. E2k recently received info from AnonUK that he had observed E18 as follows:

6545kHz      2100z   12/09 [call 260 msg no 170]

AnonUK remarked "The call was 269 as it was a short message. The message number was 170, the last one logged was 165 in May. So where has it been since then? I have checked each time it was due on, listened to all its known frequencies and also tuned up and down the band."

AnonUK was not sure if E18 was on at 2200z after the 2100z transmission on 12/09. It was expected on the next day, Thursday 13/09. Remember that this station is generally heard on the 2<sup>nd</sup> Wednesday and Thursday of each month. E18 frequencies are listed as: 5155, 6545 and 8025kHz. The last reported observation of this station was on 8025kHz on 09/05 as covered in Issue 5.

#### 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.

Reported by DofKent:

8188kHz            1232z   08/10 [in progress, reasonable sigs]  
                      1230z   11/10 [in progress, weak C London] PofLondon

#### G04

After an apparent absence since the last heard transmission in May 01 [2005z 4830kHz, 2035z 4930kHz] Simon Mason released details of a contact's observation of G04, substantiated with an MP3 file.

5225kHz            0900z   01/10

Note the change of time, perhaps another offering occurs at 0930z on freq +/- 100kHz? Worth keeping an eye on. However this transmission was not heard by DofKent on the following Monday 08/10 or since.

#### G06

AnonUK writes:

11430kHz 1900z 03/09 Null message 308 2000  
and remarks normally heard on first Monday in month only.

Peter of Saffron Walden notes, "The German YL has been turning up on the first Monday of the month as expected, still with a four minute 'No Message', and was also noted on a Thursday with a full message much to my surprise."

6887kHz            1830z   23/08

and Gert sends in his latest log for G06:

8060 kHz            2000z   01/10 [dk275 gc 86]  
8070 kHz            2000z   02/10 [repeat of mon, dk 275 gc 86]

Peter of Saffron Walden further remarks: "First Monday in the month G06 turned up as expected in October and it was a full message format for the first time this year! This meant a repeat the next day. The alternate Friday evening, 1930z, G06 is back.

5440kHz            1930z   28/09 [947 Dk/Gc 326 326 48 48] same as 14/06

5442kHz ran throughout last autumn and winter months and into the spring of last year; last heard on 27/04 and not found throughout the summer months. [Any offers?].

If schedule matches last time she will turn up on alternate Fridays, although on one or two occasions she fooled us by missing two Fridays in a row. Should move to 4790kHz + or - a few kHz in the depths of winter.

As when observed before, the carrier was well on before the transmissions began. In this instance at 1843z with tone, then brief recitation of numbers 1 to 9 and a 947 in German. Plain carrier until 1930z when proceedings began with call 'Neun vier seben' then dk/gc 'Dei zwo sechs' x2, 'Vier acht' x2. Strength S7 to S8, lower sideband well suppressed."

[Thanks PoSW]

#### G22

This XV family station, Edna Sednitzer, which has the morse counterpart M13 as well as E18 and S04. G22 has once again been heard, this time by Gert of Holland, who sent in this entry:

5119kHz            2200z   20/09 Audio reported as very bad.

Gert kindly sent a recording, to e2k, which illustrated the horrible audio from which Gert managed [how?] to extricate this message:

186 [rptd 5 mins]  
Nr 238  
Gr 24  
22019 03081 02616 30233 13462  
17908 14963 02603 63709 07484  
26034 87087 21234 21034 60919  
31604 26336 17261 06176 36319  
43242 49717 23009 40160 000  
Excellent job Gert, thanks.

#### S06

4917kHz 1900z 11/09 [243-542/20] short msg  
6907kHz 1900z 06/10 [276x3 00000]  
9842kHz 0808z 09/10\*  
11150kHz 1835z 22/09 [ip 469/203]

\*AnonUK remarks, "Has been on the same frequency in October 1999 2000 and 2001. Not sure where it goes after that, but I have only heard it in October." Answers and comments via the usual routes please.

#### S10E

Came up as expected on 24/09 at 1300z on 10642kHz  
Next expected 22/10

#### S11a [Cherta], previously S12

4015kHz 2100z 19/09 [null msg 971]  
5180kHz 2100z 15/08 [null msg] tnx Gert.  
5624kHz 1900z 08/10 [121/27=03922] tnx again, Gert.

#### S17C

In issue 5 we reported that S17E has not been transmitting on 8190kHz, or at least had not been reported as being heard. On 05/09 I was alerted to the fact that 8190kHz was once again audible by D of Kent, who telephoned me with the news. Unfortunately I was unable to listen at that particular time but did so on 06/09 with the following results.

6495kHz 1250z 06/09 [70038]  
8190kHz 1250z 06/09 [70038]

We suggest monitoring both freqs for activity. If the 8Mhz freq has been in use all the time it suggests that propagation has made reception difficult in GB and that GB is not the target area. The parallel 6MHz freq has likewise been poorly received over the past months too and reinforces the idea of being aimed elsewhere. On 18/10 8190kHz was audible at S8 in South London while 6495kHz was obliterated by a very strong XJT transmission that could be heard from 6489 to 6510kHz, a massive bandwidth of 21kHz!

However on 19/10 whilst the 6945kHz signal was audible 8190kHz was also monitored by D of Kent. He reports: Shortly after the completion of the transmission on 8190kHz he heard a short tone, possibly a short zero or the letter 'T', followed by the figure '4' in turn followed by a barred U [..-].

HFD sent these S17C logs via spooks:

6945kHz 1250z 01/09 [91043]  
02/09 [90043]  
05/09 [84042]  
23/09 [88058]

#### S21

This log for the family XIV, Russian Lady was sent via spooks by HFD:

4454kHz	1842z	20/09 [454] //4854
4854kHz	1842z	20/09 [454] //4454 better sigs
	1842z	02/10 [ended 0-0-0] selco confirms this freq.

V02

via spooks:

3389kHz	0230z	02/10 [hum on carrier]
4017kHz	0300z	16/10
4174kHz	0320z	08/10, 0300z 09/10
4479kHz	0300z	17/10
7860kHz	1100z	14/01[962 05, 05 59]
10446kHz	0310z	17/10
11566kHz	0300z	12/10
18475kHz	2315z	12/10

From the logs of Peter of Saffron Walden we find:

8097kHz	0621z	08/09 [in prog good signal]
9153kHz	0732z	08/09 [weak]
9230kHz	0806z	02/09 [in prog good signal with deep QSB]
	0809z	09/09 [hum hrd on freq at 0810z. carrier only on at 0822z]
9331kHz	0613z	27/08 [in prog good signal]
	0700z	25/09 [69421 50401 --151 (xmtr all broken up)] *
	0700z	26/09 [ 69422 50402 0-152]*
	0700z	27/09 [xmsn breaking up]*

\*via Spooks

Note the characteristic 'hum' on the carrier, which Bunky and PoSW remark on. This hum is a particular trait of V02.

V02a

5762kHz	0200z	12/09
	0200z	29/09
5800kHz	0330z	10/09
6855kHz	0300z	10/09
8010kHz	0611z	12/09 AM in progress, missed calls
8097kHz	0533z	12/09 AM YL/SS/5FGs already in progress
	0605z	04/10
8675kHz	0200z	10/10 [616 05 vy weak, QRM. call-up 10+ minutes long]
9063kHz	0709z	26/09
9153kHz	0700z	26/09 [78523 98851 28473]
9323kHz	0417z	12/09 AM YL/SS/5FGs already in progress
12165kHz	0245z	10/09

Prior to the excellent logs for V09, V22 and V24 we have an interesting view of Chinese female numbers stations from Takashi of Nagasaki, Japan

Mode: AM

Announcer: Mandarin Chinese (live and recorded)

Starts at H+00 and H+30

Powerful signal in Japan.

For example, in the case of Guangzhou, V09

-Null message format (recorded voice)

All listening stations in the country. (x3)

This is Guangzhou calling. (x2)

Repeats above for approx. 5 mins.

Ends with "thanks."

-Message format (live voice)

All listening stations in the country. (x3)

This is Guangzhou calling. (x2)

Repeats above for approx. 5 mins.

There is a message, followed by a message number (x2), group count (x2), then 4FG (x2).

I'll repeat a message.

I'll repeat a message.

End of Transmission.

Thanks.

As far as I've heard, the message transmission is very rare.

Almost all are null message transmissions.

The Chinese female numbers can be divided into following three groups.

Group A, Guangzhou as ID, V09 and V16

6265, 6468, 6885, 7750 10750, 12012 and 13680kHz

Daily between 1500-1730z (East Asian midnight) frequently heard.

Occasionally two parallel transmissions can be heard, most frequently 6885//10750kHz.

V09 and V16 are same.

Group B, Beijing as ID, V22

4760, 6355, 6375, 6465, 8375, 9125, 10200, 10500, 15640, 16520, 16830, 16835, 17310, 18020 and 21450 kHz

Daily except East Asian Saturday on 8375kHz the carrier is continuously on between 1100-1700z. Repeats a null message for 30 mins intervals.

Usually non-parallel transmissions except 6465//8375kHz occasionally at 1700z.

Sunday at 0000 or 0030z 16520kHz can be heard frequently.

Group C, three figure IDs, somewhere in China, without ENIMA code

6721, 6468, 6906, 8337, 8870, 11016, 11262, 11298, 12310, 12630, 12877, 13210, 13260, 14336, 14860, 15753, 15958, 16572, 18649 and 22305 kHz.

Three figure IDs reportedly

017, 022, 029, 064, 095, 106, 109, 133, 138, 156, 179, 265, 298, 299, 315, 316, 323, 326, 364, 370, 380, 384, 406, 428, 431, 513, 516, 517, 548, 634, 639, 654, 677, 728, 735, 805

Very rare transmission in East Asian midnight..

Thanks to Takashi of Nagasaki for this excellent view of Chinese Number Stations

#### V06

" Spanish Lady - The first FRI of the Month transmission at 2100z was noted on 11440kHz with call 836 - 00000."

11440kHz 2104z 05/10 [836/00000]

[Thanks 'C']

#### V09

There is no knowledge of this station belonging to any family as such and appears to be an individual.

Listed as being previously heard on 5738, 6280 and 8036kHz it previously came to notice on 19/03 when it was heard on 7584kHz at 1600z.

From Takashi in Nagasaki, Japan

10750kHz 1500z 03/09 S9 [Sent from Guangzhou, in AM with echo]

Message read: "All listening stations in the country [x3] This is Guangzhou calling [x2]. This was repeated for approximately 5 minutes and ended with "Thanks." Takashi remarked, 'First time I have heard this station in such an echo-AM Mode.'

Heard again as:

10750kHz 1500z 19/09 S9 [Null message, again echo-AM]

[Excellent log, tnx Takashi].

This catch from Joerg Eberhardt, Germany.

10500kHz 1800z 22/09 [null msg, chinese , fm vx] Note mode comments.

### V13

From Ben Mesander via Spooks:

8300kHz 1338z 09/10[YL/CC 4FGx2 in prog] // 13750

13750kHz 1338z 09/10[YL/CC 4FGx2 in prog] // 8300

### V22

The following is the log entry received from Takashi, Nagasaki:

8375kHz 1300Z 05/08 ["All listening stations in the country [x3] This is Beijing calling [x2] Repeated for approx 5 mins, ending "Thanks." S9  
1300z 10/08 [Usual Null Msg format] S9  
1300z 03/09 [Usual Null Msg format] S9  
1300z 17/09 [Usual Null Msg format] S9  
1400z 19/09 [Usual Null Msg format] S9  
1400z 20/09 [Usual Null Msg format] S9

10200kHz 1600z 14/09 ["All listening stations in the country [x3] This is Beijing calling [x2] Repeated for approx 5 mins, ending "Thanks." S9  
Takashi remarked "First time I've ever heard this one on 10200kHz.

10520kHz 0030z 15/09 ["All listening stations in the country [x3] This is Beijing calling [x2] Repeated for approx 5 mins, ending "Thanks." S5

16520kHz 0000z 05/08 ["All listening stations in the country [x3] This is Beijing calling [x2] Repeated for approx 5 mins, ending "Thanks." S7

0030z 05/08 [Usual Null Msg format] S7

### V24

From Takashi who presumes these are 'South Korean female numbers':

5715kHz 1400z 14/09 S9

6215kHz 1400z 19/09 S9

1500z 19/09 S9

### V25

From Igor of Cherta we receive this log of the new entry:

8195kHz 1300z 24/09 ['516 this is 384' # 42 GC 8] Heavy QRM

8868kHz 1330z 24/09 ['516 this is 384' ? 42 GC 8] Gd Quality sigs

13560kHz 1700z 03/09 ['316 this is 728' #12 GC 10]

13557kHz 1900z 05/09 ['316 this is 728' without message]

15752kHz 1300z 05/09 ['064 this is 315' without message]  
15752kHz 1300z 20/09 ['064 this is 315' without message]  
15957kHz 1830z 22/09 ['370 this is 138' without message]  
15958kHz 1500z 24/09 ['370 this is 138' without message]  
[Thanks Igor]

### XPH

Thanks to John of Aylesbury August frequencies were confirmed as:

0600z 11623kHz 03/08 07/08 10/08 - 17/08 21/08  
0620z 13523kHz 03/08 07/08 10/08 14/08 17/08 21/08  
0640z 14523kHz 03/08 07/08 NRH NRH NRH NRH

2000z 15657kHz 03/08 07/08 10/08 14/08 NRH 21/08  
2020z 13970kHz 03/08 07/08 NRH 14/08 NRH 21/08  
2040z 12206kHz 03/08 07/08 10/08 14/08 NRH 21/08

John continued the excellent work for September, confirming the freqs as:

0600z 11634kHz 04/09 07/09 11/09 14/09 18/09 25/09 28/09  
0620z 13434kHz 04/09 07/09 11/09 14/09 18/09 - 28/09  
0640z 14834kHz 04/09 07/09 NRH 14/09 - - 28/09

2000z 13364kHz 04/09 - 11/09 14/09 18/09 - 28/09  
2020z 12107kHz 04/09 - 11/09 14/09 18/09 - 28/09  
2040z 11483kHz NRH - 11/09 14/09 18/09 - 28/09

Regarding the 12107kHz frequency used at 2020z John remarks, " 2012z onwards: Strong heterodyne with QRM-BC - including Bulgarian Gypsy type music, and some which appeared to be Greek. In my old WRTH (1999) there is infact a freq. allocated to V. of Greece as: 12105kHz., although I don't suppose they would use that freq. for broadcasting to the Balkans. It could just be a parallel freq. for world-wide listening.

On his last report on 28/09 John remarked that the BC QRM was caused by Voice of Greece broadcast 2kHz LF The carrier remained up for 30s after the 0620z and 0640z transmissions. John rightly remarks that this is unusual. [Thanks John]

This remark from Tom Pitts [US] via Spooks:

13434kHz 0600z 04/09 AM Faint unid MSFK preceding and following XPH

Peter of Saffron Walden noted the evening slots of 2000/2020 and 2040z with a total transmission time of 4 minutes and 15 seconds. However he also reported another schedule as:

2010z 13936kHz  
2030z 12229kHz  
2050z 10876kHz

all having a transmission time of 5mins 40 seconds. [Thanks PoSW].

October freqs confirmed by John as:

0600z 12103kHz 02/10 05/10 09/10 12/10 16/10 19/10 23/10  
0620z 13503kHz 02/10 05/10 09/10 12/10 16/10 19/10 23/10  
0640z 14803kHz 02/10 05/10 09/10 12/10 16/10 19/10 23/10

2000z 11541kHz 02/10 05/10 09/10 12/10 16/10 - 23/10  
2020z 10154kHz 02/10 05/10 09/10 12/10 16/10 - 23/10  
2040z 8131kHz NRH NRH - NRH 16/10 - NRH

The signal 2000z on 11541kHz is only 4kHz LF of E03's 1900z transmission and whilst there was no apparent clash with XPH on 02/10 the 'Jet' was heard on freq. As a result of this 'clash' the signals received on that freq were very poor, as well as being somewhat weak. Signal strengths of the 16/10 evening transmissions were particularly good at S9+30dB, in Aylesbury and South London. The 0640z 19/10 was noted as starting some 30s early whilst all signal strengths for the morning slots were S9+30dB  
[Thanks for your work on XPH John]

On 23/10 Captain Davros heard these additional transmissions:  
2010z 11595kHz, 2030z 10208kHz and 2040z 9040kHz

CD remarked that the transmissions were much longer than usual and signal strength was weak. The transmissions heard in the h+00 and h+20 slots were around +40dB in metered strength. Using that as a measure this does point to that heard by CD as being destined elsewhere. These 'in between' times have been heard before and are known to occur during the morning too.

[If anyone has the freqs could they please share them with us]?  
Nice work CD.

### **Now an additional interesting insight from DofKent:**

[The following is an extract from an article being prepared by D of Kent for publication in the ENIGMA 2000 newsletter at a later date]:

#### S17C, M10E and S10E

S17C [6945 and 8190kHz 1250z daily]

S17C continues to be a very weak signal from my location in Kent, only showing signs of improvement in the last few days [latter part of Sept]. The concurrent frequency of 8190kHz has now been heard daily since 03/09/01, previously not being heard on this frequency since 30/04/01. Shortly before this date the five figure message group became less predictable and much more variable. I find it surprising that SSB is not used more often; just the occasional use on one frequency with AM on the other.

I have been fortunate that over 25 years ago I constructed an audio processor, which has allowed me to copy these very weak signals which would otherwise be lost.

M10E 5020kHz, S10E 10642kHz, both 28 day cycle.

These stations seem to be settled in their new cycle, starting in a Monday rather than Thursday, although M10E had a day off on Tuesday 28/08/01. S10E did likewise on Thursday 30/08/01. During this period S10E appeared to be having transmitter problems as previously reported. [NL5]

We now come to the latest cycle [Mon 24/09] and it is often said that more can be learnt from errors and operator incompetence than from some decrypts.

On Tuesday 25/09/01 the M10E transmission was on time and commenced at the usual time of 0900z:

111 90992 21 68901 18 57929 15 99013 21 [repeats not shown].

This is a perfectly normal transmission following normal procedure.

S10E was due to commence transmission at 1300z but was late; I left my operating position briefly but before I could return I heard a short CW transmission. Unfortunately I did not have the recorder running but getting back I was in time to log the short CW part that followed at 1303z:

111 90992 [repeats not shown].

After 15 to 20 seconds the normal USB transmission commenced:

111 45648 25 72414 22 62218 15 99013 21

There are any number of interpretations that can be made on this. Suffice it to say the CW was hand sent and the USB previously recorded prior to being transmitted. [I prefer to leave these comments or speculations until my full article is completed].

I have tried to separate the transmission sites but unfortunately the Czech and Slovak Republics are in line on my azimuthal projection map of Europe and are on the same bearing as Prague Radio. The problem could be solved by having at least two other RDF sites, Northern Germany and Italy, for example.

Finally, I should declare a special interest in this part of Europe. I would appreciate any information including times and frequencies of any groups currently active from these areas. I look forward to receiving any comment [or bearings] regarding the above.

"NAZDAR." DofKent.

Addendum:

On Thursday 4<sup>th</sup> October S17C was again using sideband on 6946kHz. However for the first time since D of Kent has been monitoring this station [for at least a year] Thursday 11/10, at 1250z, saw 6946kHz using LSB whilst 8190kHz used USB.

©DofKent

**Please contact DofKent via [e2k\\_news@hotmail.com](mailto:e2k_news@hotmail.com)**

## ODDITIES

We were grateful to receive some Oddities News from Eddy of Australia. Eddy kindly wrote in with some revelations on the 'Foghorn' as well as the event on the SLHFB freq of 10872kHz.

Eddy stated that the foghorn appears to be moving about a bit. He heard it on 9064, 9073 and 9370kHz.

[This is the first report concerning the Foghorn for sometime. We would be grateful to receive others about this peculiar oddity].

Eddy further wrote of an 81bd data signal that has appeared on the well known SLHFB frequency 10872kHz. 20/09. If audible elsewhere perhaps one of you data guys would like to take a look.

[Thanks for your comment and news Eddy].

Keith of Kent comments, "There is a lot of stuff about, somewhat surprisingly there seems to be quite a big increase in CW work. I'm sure a lot of countries appreciate the simplicity of morse and its capability of getting through heavy QRM.

There seems to be a large increase in some very noisy transmissions between 5000 and 5500kHz, which cover several kHz. This type of transmission almost drowned the E05 transmission 5200kHz on 22/09."

Keith's remark could have been included in either the Morse or Voice section, however e2k has received various mentions about these 'noise' transmissions and we thought it best to include Keith's valid comment here. A quick [and recent] tune about between 5000 and 5700kHz 2010z 16/10 produced four 'jet' XJT signals as well as a few other mysterious noises.

## BACKWARDS MUSIC STATION (XM)

Monitored by 'C' as:

8118kHz      1909z    10/09 Backward Music Station

## BUZZSAW (XBS)

This is still very active and seems to be 24h per day. Transmissions continue between 5.1 and 5.8 MHz. In the last issue I wrote how it was crashing about and I am sure that many users will be less than happy with its care free attitude. On Wed July 18th it was directly on top of RAF Volmet on 5450 kHz causing severe interference. At that time it was working between 5440 and 5475 kHz. On Fri July 27th at 21.00 it was centred around 5860 (very high) and was crashing Vatican Radio (in Arabic) on 5885, the upper spread of the Buzzsaw was amazingly 5898 kHz. Vatican Radio was also under a very heavy teleprinter bang on 5885, which will teach it to go in the Fixed Service

band ! Recently it was heard hovering around 5598kHz. Strangely no mention was made of this by Shanwick Aeradio .

#### FADERS (XF)

Although E2k believes this oddity to be possibly defunct this little snippet was seen on 'Spooks':  
"So much for the disappearing fader, it's on now on 9251 USB, unless It's the backwards music station, monitoring from UK, 1939GMT."  
Thanks MW1DUJ

#### FSK BURSTS

Previously discussed in Issue 2, this particular station operates on 5435 kHz (approx) and can be heard along with E10's transmission.

Again we repeat JMM's piece: There is another one of the same type you can hear on 11610kHz at 2130Z. This frequency is not (yet) listed in the E2K NL. It sounds very weak compared to its 5435 counterpart, covered by mighty BC transmitters (China Radio International FF programme at this time)  
If you know anything about this station, its purpose and transmitter location(s) or can decode its messages, please contact ENIGMA 2000.

#### JET (XJT)

The jet still pops up on various frequencies, a sound file is now offered on Ary's N&O site. A reasonable chance of sampling the delights of this peculiar signal can be had on:  
2170, 4205, 4265, 5160, 6230, 6340, 8410 and 10265kHz. Other freqs have been published in previous NL's. The S17C transmission on 6495kHz was obliterated by a very strong XJT transmission that could be heard from 6489 to 6510kHz, a massive bandwidth of 21kHz at 1250z to 1257z on 18/10.

#### LINK 11

I was most interested to read that LINK 11 was associated with the EP3 Spy Plane (now returned to the US in bits) which made an emergency landing on Chinese soil. In Europe LINK 11 is easy to find and I wonder what it is used for in this part of the world?

Recent frequencies include - 4702 5732 6245 6880 7831 8030 8160 8303 9280 (often heard) and 13420.

Takashi kindly sends this LINK 11 log:

6695kHz	0818z	15/08	S8
	1454z	03/09	S9
6702kHz	2200z	13/08	S8
	1420z	03/09	S9
7473kHz	0820z	03/09	S9
8027kHz	2150z	13/08	S8
9021kHz	2114z	10/09	S9
10346kHz	0910z	20/09	S2
10845kHz	0835z	20/05	S4

and 'C' remarks: "Plenty of this still around - recent noted include 3190 3524 4440 4622 4702 5726 5775 7938 8030 8314 and 8905kHz."

#### S28 [formerly XB]

The observations shown below confirm the buzzing continues unabated:

4625kHz	0006z	30/09	Gallus Galus
4625kHz	0200z	01/01	Chris Gross
4625kHz	2046z	02/10	Sth London

#### S30 [The Pip]

Heard in Nagasaki by Takashi:

3757kHz	1842z	12/08
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TELEPRINTER 4710 kHz - Barford St John - also operates on 6702 and 9000kHz, on the evening of SEPT 11th the Teleprinter was very busy and seemed to have changed format. I am now of the opinion that the signal which we normally hear is possibly an 'idler' as the traffic sent SEPT 11th onward was at a much slower rate and with far fewer breaks. Is it possible that this could be some kind of link from the US Embassy London ? Any info or study of transmissions appreciated. ©'C'

X06

Jmm reported that X06 had been heard:

8081kHz 2110z 22/08 and offers the following URL where he has posted a sound file:  
<http://www.cvni.net/mp3/2001-08-22-2112z-8081U-X06.mp3> Thanks Jmm.

According to a log sent in by 'E', X06 was to be had on:

8081kHz 2017z 13/06 and had also been noted by 'E' as follows:

6932kHz	1726z	17/09
9056kHz	2037z	13/06
9172kHz	2032z	14/06
11093kHz	2010z	09/06

Further logs were received from 'C' who found:

7585kHz	1953z	19/09
9195kHz	1912z	11/09
11540kHz	1613z	05/10 Under 'Jet' transmission.
12195kHz	1622z	05/10 Msg sent RTTY

Peter of Saffron Walden wrote in with this most interesting account:

"The six tone repeating station continues to turn up following no schedule whatsoever as far as I can see with the usual routine. I was surprised by what happened on Tuesday 11<sup>th</sup> September at 1749z. There was a very strong 6-Tone station on 11411kHz and it proceeded as usual with the six tones running for several minutes and then some FSK data. I had a RTTY decoder hooked up to the receiver and I switched it on, not expecting any results, but the printer sprang into life and started printing groups of 5 letters. I have often tried this before but this is the first time I have ever managed to obtain anything which looked as if it had some meaning."

The printout [253 groups] was enclosed by Peter:

11144 40034 85784 11003 02549

HARRU YZLPT OOPCS CVIAA XYZKG RFDWH ABMEA VMAEY PGPBO KGTXN  
CVACJ QEDEF IQGKC PUTWX EIBKH NGTJJ RJORV TLUVC LJPKW JMHLI  
HXRMV XYICQ ERAUM KPCQU GHYZX MUDII UUCRY UMHNA JLDL HPQJP

Ending.....

LFMMU WTLAH XFGCL DACOO DIGDN OZGUX WLMHM UMFSN CNNGI ZFVFP  
TMJPR DOYPJ IIURI

11177 40034 69708 11001 13870

©PoSW

[Thanks for this hard work Peter, and for sharing with us].

Secret Squirrel [???] sends in via spooks this interesting find:

6959kHz 2016z 05/10

making the valid comment that X06 was sharing the frequency with E03. Would be nice to know if it totally occluded the sigs from E03. Please contact e2k via email/spooks to let us know. [Tnx for this SS].

SLOT-MACHINE (XSL)

XSL is heard on 4233, 4292, 6419, 6466,8555, 8589 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	1600z		
Mon	1700z	2215z	
Tue	1510z	1530z	1600z
Wed	1400z	1500z	1545z
Thu	1600z		
Fri	1450z	1600z	2140z
Sat	1400z	1600z	1700z

8588kHz	0608z	04/09
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whilst Ary hears:

8555kHz	2142z	05/10
8703kHz	2139z	05/10

Takashi offers:

4233kHz	0954z	03/09
4293kHz	0954z	03/09
6417kHz	0954z	03/09
6445kHz	0954z	03/09
8588kHz	0954z	03/09
8703kHz	0954z	03/09
All at S9		

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

Thanks to AK, Anon UK, Anon Scandinavia, Ary, C, 'D', D of Kent, 'E', Eddy of Australia, Gert of Holland, HFD, IB, J of Aylesbury, JM, Ben Mesander, JMM, K of Kent, LP, Mike of Kent, Mark Slaten, MW1DUJ, Peter of Saffron Walden, R anon, Rob of Essex, Spy Numbers Robot, Takashi of Nagasaki 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

Farzad Bazoft, Mossad spy?

Israel and Iraq had a formal state of war for some years. The French government not only provided Israel with the nuclear capability, built at Dimona and whistleblown by Mordechai Vananu in 1986, but also presented a reactor and technical assistance to Iraq. The facility was built at Al-Tuweitha, north of Baghdad.

Israel discovered this 'assistance' and eventually destroyed the Iraqi reactor and associated plant with an air strike on 7<sup>th</sup> June 1981.

The Iran-Iraq war waged from September 1980 to the uneasy cease-fire on 20<sup>th</sup> August 1988.

On 29<sup>th</sup> April 1988 arms dealers were present in the Baghdad 'Palestine-Meridian Hotel' ready to trade their respective state of the art weaponry to the Iraqi military machine. Also present, according to the Hotel registration details was the Chief Foreign Correspondent of The Observer. [British Sunday national newspaper]. That fact had been noticed by Iraqi security agents, as had his activity of noting down the names of those present in the hotel.

The Chief Foreign Correspondent was a freelance journalist who had penned a few pieces for the Observer on Middle Eastern matters and who did not have the blessing of the newspaper to use the title of Chief Foreign Correspondent. That man was Iranian born Farzad Bazoft.

Bazoft had arrived in London from his native Tehran around 1985. He had been outspoken and feared for his life after voicing his thoughts on Iran's new ruling Class; the Khomeini regime. With his own utterances he had endangered his life.

In London Bazoft found the exile Iranian population boorish and sought the company of the exile Iraqi population in London. During his search he met an Iraqi businessman at a party and immediately struck a chord with him. This businessman was a Mossad case officer who was instructed to cultivate Farzad Bazoft. Whatever the arrangements Bazoft joined the BBC for a research assignment, did well and eventually became a regular contributor to the Observer on matters concerning the Middle East, including Iraq.

Shortly after his arrival, in Great Britain, Bazoft was imprisoned for a serious offence. On his release he suffered from bouts of depression and was also short of funds. These facts were not missed by Mossad who formerly recruited him. Using Mossad money Bazoft researched various matters and produced quality articles. Apart from those that ran in the newspapers he also had input into television news.

Later, in September 1989, Bazoft travelled to Iraq and used his fluency of Farsi to interject with Iraqi officials on the behalf of other reporters; for all this he remained a solitary figure and did not readily mix with the other foreign journalists.

He was also taken to going out alone and remained in Iraq after the other journalists had left the country.

Mossad had exploited Farzad Bazoft to the full. His remit, whilst in Iraq, was to investigate the 'supergun' operation, Project Babylon, run by the Canadian Dr. Gerald Bull. A cover was arranged which would protect Mossad but clearly indicate that Bazoft was working for a British company, Defence Systems Limited, DSL.

Farzad Bazoft was arrested by Iraqi authorities near a supergun test site and in the company of a British nurse, Daphne Parrish. His whereabouts, prior to his appearance on television had been unknown for several weeks. He appeared on video-tape and made a firm confession that he was spying for Mossad.

The London based DSL denied any knowledge of Farzad Bazoft whilst Members of Parliament commented on the sending of Bazoft to Iraq by the Observer newspaper.

On 15<sup>th</sup> March 1990 Farzad Bazoft was executed, by hanging, in the Abu Ghreib prison.

The Head of Project Babylon, Canadian Dr Gerald Bull, the world authority on long range ballistics was assassinated outside his Brussels flat on 22nd March 1990.

He was shot five times with a silenced 7.65mm automatic pistol. No blame was ever apportioned for this murder but rumours were rife that Mossad was involved.

On 28th March 1990 HM Customs and Excise officers at London's Heathrow Airport impounded a shipment of Krytrons, nuclear triggers, on information received from US Intelligence.

On 10th April 1990 HM Customs and Excise impounded a shipment of sections of Gun Barrel destined for Iraq, starting repercussions that would cause some official departments and Industrial companies embarrassment in Britain as a MI6 source became the prime suspect in the resultant Customs and Excise investigation.

The following newscast was intercepted, that in parenthesis are intercept info or corrections:

[INA 13524kHz 1956Z 18/03/90 50R]

ZCZC INA 18/03/1957

93 IRAQ-SUDANESE DAILIES

KHARTOUM MARCH 18 INA --- TWO SUDANESE DAILIES HAVE DENOUNCED THE BRITISH CAMPAIGN AGAINST IRAQ WHO IS USING HIS NATURAL RIGHT IN DEFENDING HIS SOVEREIGN TERRITORY, INDEPENDENCE AND NATIONAL SECURITY.

CARRYING AN ARTICLE HERE TODAY THE PAPER AL-INQATH AL WATANI SAID IRAQ HAD EMPLOYED THE SIMPLEST FORMS OF SOVEREIGNTY THAT EVERY INDEPENDENT STATE WOULD EXERCISE TO MAINTAIN SECURITY, REALISE TOTAL SOVEREIGNTY, AND OBSERVE BEHAVIOUR OF THE FOREIGNER'S RESIDING WITHIN THE TERRITORY

MORE ----  
2/HAJ  
NNNN

ZCZC INA 18/03/1958  
94 IRAQ - SUDANESE DAILIES  
(2) KHARTOUM

THE DAILY ADDED THAT THE IRAQI COURT MADE NO EFFORT IN CONDEMNING IRANIAN SPY FARZAD BAZOFT FOR THE ZIONIST IDENTITY AND BRITAIN FOR IT MADE ITS JUDGE[MENT] ON THE GROUND OF BAZOFTS OWN AND WRITTEN CONFESSION.  
INQUIRING WHETHER MARGARET THATCHERS GOVERNMENT BELIEVES THAT IRAQ IS STILL UNDER BRITAINS MANDATE THE PAPER MADE IT CLEAR THAT THATCHERS DESCRIPTION OF BAZOFTS EXECUTION AS BRUTAL WAS ACTUALLY APPLICABLE TO HER, FOR THE BRITISH GOVERNMENT WAS ALWAYS IGNORING PRINCIPLES AND LAW

MORE ----  
2/HAJ  
NNNN

ZCZC INA 18/03/2000  
95 IRAQ - SUDANESE DAILIES  
(3) KHARTOUM

ANOTHER SUDANESE DAILY SAID BRITAIN AND THE EUROPEAN COMMUNITY HAD MADE THE BAZOFT EXECUTION AN OPPORTUNITY TO TRY THEIR POLITICAL, ECONOMIC AND DIPLOMATIC PRESSURE ON IRAQ, NOW BEYOND THE SCOPE OF FOREIGN INFLUENCE AND INTERESTS. AL-DAN L HADITH DAILY WENT ON SAYING THAT IRAQ HAD USED HIS RIGHT OF DEFENDING HIS SECURITY AND PREPARED FOR PREVIOUSLY COUNTED AND EXPECTED REACTIONS

MORE ----  
2/HAJ  
NNNN

ZCZC [IN]A 18/03/2002  
96 IRAQ - SUDANESE DAILIES  
(4) KHARTOUM

IT STRESSED THAT IRAQ WHO HAD SENT INTO SPACE A SATELLITE-CARRIER ROCKET AND HAD A CAPABLE MILITARY POWER AND OIL AND HUMAN RESOURCES COULD NOT BE FEARED BY SUCH A FEVERISH ASSAILANT.

THE PAPER CLARIFIED THAT THATCHER'S GOVERNMENT AND PRESS MEDIA THAT CLAIMED FREEDOM AND DEFENCE OF HUMAN RIGHTS WERE STILL THE LARGEST SOURCES OF MORA[L] AND MATERIAL SUPPORT TO RACIST REGIMES

2/HA[J]  
NNNN

Just before he was executed, Farzad Bazoft denied that he had ever spied for Mossad. It is known that he was drugged at the time of his taped confession.

Since this piece was written an article appeared in the Sunday Times concerning an actual nuclear bomb that had [the article claims] been produced by Iraq. The area where it was produced was apparently highly secret and known only to the few who lived there. The soil sample taken by Farzad Bazoft was rumoured to have come from that site.  
©P.Beaumont

## BOOK REVIEW

"CHURCHILL'S SECRET WAR"

Author: Robin Denniston (Son of Alastair Denniston, Head of the Government Code & Cipher School 1919-1942).

Publisher: Chancellor Press, Div'n. of Octopus Publishing Group, Ltd., London.

ISBN 0-75370-382-3

A detailed account of Sir Winston Churchill's use of Sigint before and during WWII, particularly in relation to the neutrality of Turkey.

Prior to WWII there was little military radio traffic, the bulk of any intercepts being ex-cable of diplomatic origin. The outbreak of the Spanish Civil War and the Abyssinian War of 1935-36 began to provide military & naval radio traffic, mainly of Italian origin, which was decrypted by GC&CS, and at about the same time there was a commercial section monitoring German imports of strategic materials.

These activities provided some practical experience for the major , which lay ahead.

Not forgetting the invaluable contribution of the Poles who passed details of the Enigma Machine to the British & French in the woods at Pyry on the southern outskirts of Warsaw in 1939. A machine was brought back to Bletchley Park via Paris and London.

Churchill, as First Lord of the Admiralty in 1914, having been involved with the British misfortunes of the Dardanelles and the failure of Turkish neutrality in WWI, was particularly 'tuned' to the scenario of Turkey being neutral again.

This book relates to his influence on British foreign policy to ensure that Turkey did not align itself with the Axis powers.

Actual diplomatic decrypts from many sources to many destinations made in the period 1941 until D-Day are enumerated in Appendix 1.

Appendix 2 enumerates the countries whose diplomatic messages were intercepted, together with relevant call signs and frequencies in kHz., also showing which intercept station (known as a "Y" station) received the messages.

Other appendices, notes, and bibliography give a wealth of information, with details of sources. Lastly there is an extensive index making this a valuable reference book.

©John of Aylesbury

## NEWS & ITEMS of INTEREST

Out of respect for all those who perished in the US Terrorist attack 11/09, or suffer as a result, ENIGMA 2000 will not publish any articles on the matter in this issue.
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### **Cuban Number SW Transmissions confirmed as Spy Messages:**

Firstly, we start with an excellent tip-off from Arik in New York City who wrote in to say,

"While reading the New York Times over breakfast today,[30/09], I was stunned to read third to last paragraph in the following story about the arrest of Ana Belen Montes of the Defense Intelligence Agency on charges that she spied for Cuba. Here's the excerpt:  
"According to the F.B.I., Ms. Montes received numeric messages from Cuba

by shortwave radio, which she decoded on her home computer, and replied in code by telephoning a pager number from pay phones."

The rest of the story can be found on the URL:  
<http://www.nytimes.com/2001/09/30/national/30SPY.html>

[Thanks Arik, an excellent find, confirming the broadcasts as being exactly what the numberists always accurately suspected they were]!

Ms Montes, 44, was charged with spying for Cuba on 21<sup>st</sup> September, being the highest ever official charged with espionage at the Defense Intelligence Agency. The DIA handles analysis for the Pentagon. Officials have said that Ana Belen Montes, who had high level security clearance, spied for Cuba for at least 5 years and identified at least one American undercover agent as well as a secret intelligence gathering programme. American training in the Caribbean was also compromised. A former top Pentagon official stated that, 'the damage could be multiplied if Cuba shared stolen intelligence with other governments hostile to the United States. Ms Montes had access to a daily synopsis of American intelligence worldwide.

[Thanks to all those who sent in the reports making the above possible].

Rob of Essex wrote, in addition to his logs of stations received, whilst he was on his holidays in Greece. Rob stayed on the island of Kos which is apparently near to Turkey, and, as Rob reckoned, a good place for an HF listening post. Rob was unable to turn up any visual or radio evidence of this and apologised for the short log [see last issue]. Rob wondered if this was because of intelligence agencies not having any interest in Greece. However, Rob relates an article that he read in a book entitled 'A Visitors Guide to Modern Greek Behaviour and Habits'. The article states 'They believe that the CIA and KGB have a get the Greeks Dept and would like to blame them for everything. This mode of thinking of course has led the Greeks to believe they are not to blame for anything, Foreign Governments are in the middle of it all. There are all sorts of theories: that the CIA and KGB collaborated for years to make sure that only 25% of the six public toilets in Athens were functioning so as to prevent tourists coming to Greece and thus discredit the Government' !! Thanks Rob!

E2k received an interesting notification from Simon Mason. It appears that the Union des Ecouteurs Francais, an organisation devoted to the spreading of knowledge in radio communications and techniques, is carrying out research on Number Stations. They intend to publish a booklet accompanied by a CD containing audio clips of various stations, including the now [?] defunct East German stations.

Code Breaking Americans in Kent.

The last tenant of a stately house in Bexley, Kent was Lady Limerick who lived on the estate known as Hall Place until 1943.

The house was built in mid 16th century and was later owned by an Archbishop of Canterbury. Apart from having such an upright figure of society as an owner, Sir Francis Dashwood took ownership of the estate in 1772 for 150 years. Sir Francis is better known as the founder of the notorious Hellfire Club.

Many famous persons are known to have stayed there, including the then future George VI and Queen Marie of Romania. Bexley Council purchased this estate in 1935.

During the Second World War it was used by code breaking American troops.

[Thanks D of Kent]

**Further to the above:**

A talk to be given at Hall Place on 24<sup>th</sup> October, 2001 at 1930 and entitled 'Bletchley Park' - Code breaking in the Second World War. 'This talk has a special relevance as Hall Place housed American soldiers who fed back intercepted codes to Bletchley Park as part of Operation Ultra.'

Unfortunately the talk was by ticket only and the event was sold out by the time that ENIGMA 2000 found out about it.

We were told that a lot of Americans who served there are still trying to find out the full picture as to what actually went on. There are apparently groups in the US of those wishing to know the full story.

ENIGMA 2000 would particularly like to hear from any interested party who has attended this talk, to discuss and allow a resumé to be written, or from those who may have served at Hall Place during WW2.

MI5 to help the Private Sector?

The organisation, MI5, is reported as offering its services to the Private Sector. Information on the criminal links of company's foreign associates and their rivals will be made available. However, co-operation will be expected and those 'on the take' will be asked to 'keep their eyes open' in their travels.

With the end of the Cold War and the supposed diminishing terrorist targets it would seem to those 64 executives invited to attend the lecture, entitled 'Secret Work in an Open Society', given by MI5 head Sir Stephen Lander, at Millbank that MI5 is trying to uncover new areas for its expertise.

Sir Stephen was reported as having said, "increasingly, organised crime, drugs and money laundering are our common enemy. When getting into deals abroad, particularly in Eastern Europe, you can get into bed with the wrong people if you don't have good risk assessment information on them."

What of MI6? Will this foreign intelligence service assist MI5 in this new and exciting venture or will it stay silent on these matters? An article written in the Gloucestershire Echo and Citizen of 10/09 entitled 'We won't spy for big business - GCHQ' Puts up a good case. The information contained within the piece states that 'Spy Bosses at GCHQ are refusing to let giant corporations use their eavesdropping services for industrial espionage.' The article goes further when it discloses, 'Bosses at the GCHQ listening post in Cheltenham, which employs 4000 people, have dismissed the suggestion that they may also take on commercial contracts.'

Be that as may, there is the ongoing EC claim that Echelon has been used to enable the US to gain the upper hand in seeking lucrative contracts. If that is the case would the UK not do it by the same means? Another question that needs to be asked is, 'if GCHQ does not assist in this manner will UK PLC buy this commercial intelligence from someone who can?'

The final paragraphs within the piece in the Gloucestershire Echo and Citizen of 10/09 quietly sums the entire matter up: 'GCHQ, MI5 and MI6, the secret intelligence service, have supplemented the dwindling work against republican terrorist and Cold War foes by muscling their way into the fight against organised crime. Reports suggest market forces and competition may now lead them into competitive tender to big business'.

The information for this piece was taken from 'The Independent', 07/09 and Gloucestershire Echo and Citizen 10/09.

US Colonel sentenced for spying.

Following up from our report in Issue 6, George Trofimoff received a life sentence for selling military secrets to the Soviet Union during the Cold War. He worked for the KGB whilst employed as the civilian chief of the US Army Joint Interrogation Centre, Nuremberg 1969 -1994.

Troffimoff was a US Army Reservist holding the rank of Colonel. Trofimoff, aged 74, born of Russian parents who had fled the Russian Revolution, is reported as having been recruited to the KGB by his foster brother, a bishop in the Russian Orthodox Church.

MV Gaul, yet another aspect!

Following ENIGMA 2000's first article on the tragic loss of MV Gaul and the recount of Mr Prescott's statement that another survey will be undertaken when the new technology is developed for ROV use.

It may interest readers, and indeed Mr Prescott, that such a deep depth device already exists.

This information was gleaned from the web on this URL:

[http://www.rov.net/pages/Perry\\_Scorpion\\_spec1.htm](http://www.rov.net/pages/Perry_Scorpion_spec1.htm)

For those without net access we list the relevent specs, in part, as:

"The SCORPION® is designed to meet the needs of current and future application requirements in market areas including:

- Drilling Support
- Offshore Construction Support
- Pipe Survey and Installation Support

Subsea Tool Deployment  
**Deepwater Salvage**

Specifications: (subject to change without notice)

**Depth capability: 1,000 meters (Optional deeper depth available) ."**

Why is it necessary for Great Britain to develop the 'new technology' when it appears that it already exists?  
E2k will not ask, 'why the delay?' We all know the answer.  
The full page can be accessed using the above stated URL. Another very interesting site can be found on  
<http://www.teleport.com/~samc/seas/deep3.html>

Money recovered from former Peru spy chief.

Peru has recovered about £13m kept in secret Cayman Islands accounts linked to former spy chief Vladimiro Montesinos.

The money is a small fraction of the amount thought to have been hidden away by the head of intelligence under former president Alberto Fujimori.

Mr. Montesinos is now in jail in Lima awaiting trial on corruption charges.

Meanwhile, Peru's congress has called on Mr. Fujimori to return from Japan to face charges of human rights abuses.

[ Thanks J of A ]

India's Intelligence Agencies undergoing radical reorganisation.

Following the avoidable failures of preventing the intrusion of Pakistani soldiers and Islamic mercenaries into northern Kashmir state [May 1999] and the murder of Border Security Force members by Bangladeshi's frontier guards it has become obvious that Indian Intelligence Agencies have a need to be radically reformed.

It has been widely accepted that the failure of the relevant intelligence agencies to report the overt movement of troops and equipment in the affected regions allowed India's armed forces to be caught 'unawares'.

[Thanks 'E']

Russian Hackers recruited by US?

Verse, a Russian Hacker was reported as being asked to collaborate 'in the interests of American intelligence services against the Russian Federation.'

Verse is reported to have been contacted by a retired US Air Force colonel who instructed 'Verse' how to communicate with US authorities. His task was to hack into the FSB central servers and provide programs to conducive to electronic surveillance. He was also asked to recruit other hackers to help him with his task. He was also asked to find and copy databases that would be of interest to the US whilst destroying others.

However, 'Verse' contacted the FSB and confessed all he knew about this matter.

[Thanks 'E']

Guilty Plea entered in ENIGMA machine theft case.

The defendant in the Enigma Machine case pleaded guilty the other week at Aylesbury Crown Court. Dennis Yates was given 10 months imprisonment. There is still to be an on going investigation into who stole the machine, and the involvement of possible insiders at Bletchley Park.

## RELEVANT WEB SITES

<http://www.nytimes.com/2001/09/30/national/30SPY.html>

<http://www.eyespy.com>

<http://www.cvni.net/mp3/2001-08-22-2112z-8081U-X06.mp3>

<http://www.nytimes.com/2001/09/12/national/12INQU.html?ex=1000958400&en=cf8a>

[http://www.rov.net/pages/Perry\\_Scorpion\\_spec1.htm](http://www.rov.net/pages/Perry_Scorpion_spec1.htm)

<http://www.teleport.com/~samc/seas/deep3.html>

<http://english.pravda.ru/main/2001/10/04/16998.html> [An interesting piece from Jmm-thanks].

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

<http://www.edinburghnews.com/news.cfm?id=EN01178148>

## REQUESTS

ENIGMA 2000 would be pleased to hear from any ex-members of 367SU who would like to offer a potted history of the SU and station LSW in particular. E2k would like to write a short article on this now-lost facility.

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

Please make your requests or replies via **e2k\_news@hotmail.com** or 076 2627 6417 pager.

## STOP PRESS

ISB feeder in use with US broadcasts to Afghanistan. 8700kHz has been heard carrying the programme and has been heard at 1630z with a good steady signal. Thanks 'C'

MI5 search Universities in crackdown.

It has been reported that students at two City Universities have been vetted to stop those with terrorist tendencies studying in the UK. The newspaper report from the Edinburgh News was sent anonymously to e2k and says that Special Branch officers have been holding talks with Vice-Principals at scientific and technical colleges. [Presumably nation wide]? The report adds that the Vice-Principals have been asked to look out for signs of unusual or suspicious projects or programmes being undertaken.

The ENIGMA 2000 poser.

There is no meaning to this but a gold star to the person who emails [or contacts via pager] to say where this number sequence can be found:

025 3059 7154 026 1245 5333 9416 027 3496 7572 028 1644 5713 9777 029 3833 7895

Valid clues: 'never sent by radio but pick up your logs to solve', and 'Always seen in castles'.

'A' of Strathclyde - Tnx pager msg, all understood.

'D' - Tnx for contact - entire message read, totally understood and acted upon.

'E' - Tnx for log / info c09/10 via Editor's h/a. All further info/material gratefully received same address.

'LP' - Tnx for your logs, excellent as always. Pse continue to send.

'ROB' - Tnx page, es contact 'b beard'. Have recording if you want/need copy. Tnx recent letter es cuttings 'P'

## CONTRIBUTION DEADLINES FOR 2001/2 ARE AS FOLLOWS:

Issue 8      Dec10  
Issue 9      Feb19  
Issue 10 Apr19

**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 the above e-mail address. 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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