

ENIGMA 2000 NEWSLETTER

Articles, news reports and Items of interest:

<http://reachus.at/enigma>e2k_news@hotmail.com

July 02

Issue 11

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

Welcome all to Issue 11 of the E2K Newsletter.

Thanks once again to all our contributors for their input, especially the “new” monitors that used the Prediction Charts and ventured to send in logs - albeit on an Anon basis - they were quite accurate, well done.

There is much more CW out there, to get your teeth into, if you want help please ask , it’s free.

Errata, in the Beginners Corner Issue 10, M45, the format should read “074 repeated for 4 mins” NOT 4 times. Oops, my fault.

M23 again reported in the Amateur bands.

V13, Control List description updated to “Star Star Radio” from New Star Radio, see Voice Station Section.

M13d, new freq noted, we’re starting to build up a fuller picture now.

E10’s, during early May a number of the E10’s were adding a “SE” suffix, not previously heard, there has to be a significance to this ?, as well as **33, 88 & 96** suffixes.

ABC did a marathon TX over 26/27th May, what started out as a “rare” station is rapidly becoming the most prolific, have M****d created a new “cell” somewhere ? (Thanks to BM for his work)

FDU also putting in more appearances, see later

E05 **again**, during w/c 6th May the “210 count 100” was sent 21 times, total now up to 188 times !!!!!

(end May) surely this is not a “message”!!

XPH, used a 4f DK, see later.

XJT, more info has come to light, see later

A number of interested people have asked “how do we get & correlate all our info, and know it is accurate”. Next issue, but only if space permits, we may publish one of our many received logs - for a previous issue - to illustrate the “raw material” from which the Newsletter is then edited.

CW

Following the M13 Predictions Charts published in last issue we thank those who submitted CW logs for the first time, keep at it, and for the encouraging comments received. We continue again this month with charts for July/Aug - you need more practice

Prediction Charts

These charts may be freely used by others, if reproduced in full, with appropriate credits.

Freqs shown as +-, +, -, indicate last heard freq and direction of search for current freq.

Where shown as “possible/search” day/time not certain, but assessed on historical info & experience.

M13 Predictions for July 2002 (Copyright ENIGMA 2000/GD)

<u>Day</u>	<u>Date</u>	<u>Time(utc)</u>	<u>Freq</u>	<u>ID</u>	<u>Notes</u>
Mon	1 st /15 th	08.00	9998+-	123	
Mon	1 st /15 th	08.00	????	456	search 7-10 meg
Mon	15 th	19.00	7834	417	
Mon	1 st /15 th	19/20.00	11054	517	
Mon	1 st /15 th	21.15	5766+	501	
Mon	1 st /15 th	21.20	10537+-	746	
Tue	2 nd /16 th	05.00	11477-	272	
Tue	2 nd /16 th	08.00	9998+-	123	
Tue	2 nd /16 th	08.00	????	456	search 7-10 meg
Tue	2 nd /16 th	19.00	8125	118	
Tue	2 nd /16 th	19/20.00	11054	517	
Tue	2 nd /16 th	21.00	9184	272	

Wed	3 rd /17 th	03.00	7722	254	
Wed	3 rd /17 th	06.00	????	823	search 9-10 meg Poss 12.30z sked
Wed	3 rd /17 th	21.00	6547	254	
Wed	3 rd /17 th	21.20	10537+-	746	
Wed	3 rd /17 th	21.00	4691	522C	
Thu	4 th /18 th	03.00	7722	254	
Thu	4 th /18 th	06.00	????	823	search 9-10 meg Poss 12.30 sked
Thu	4 th /18 th	20.00	12884	253	
Thu	4 th /18 th	21.00	4691	522C	
Thu	4 th /18 th	21.00	6547	254	
Thu	4 th /18 th	21.45	6878	757	
Thu	18 th	22.00	6683	186	G22 freq
Fri	5 th /19 th	04.00	????	284	search 6-8 meg
Fri	5 th /19 th	20.00	8153	284	
Fri	5 th /19 th	20.00	12884	253	
Fri	5 th /19 th	21.45	6878	757	
Sat	6 th /20 th	02.30	6716?	303	or 767
Sat	6 th /20 th	03.00	6212	378	
Sat	6 th /20 th	04.00	????	284	search 6-8 meg
Sat	6 th /20 th	20.00	8153	284	
Sat	6 th /20 th	04.30	5612+-	411	
Sat	6 th /20 th	20.30	5874	411	
Sat	6 th /20 th	21.00	5466	378	
Sun	7 th /21 st	02.30	6715?	303	or 767
Sun	7 th /21 st	04.30	5612+-	411	
Sun	7 th /21 st	19/20.00	12494	261	or 590
Sun	7 th /21 st	20.30	5874	411	
Mon	8 th /22 nd	03.00	6212	378	
Mon	8 th /22 nd	03.00	8247+-	491A	
Mon	8 th /22 nd	03.30	12136+-	458	
Mon	8 th /22 nd	19/20.00	????	261	or 590, search 10246 - 12494 Logs needed
Mon	8 th /22 nd	20.10	????	213	
Mon	8 th /22 nd	21.00	5466	378	
Mon	8 th /22 nd	21.20	????	746	search 11-9 meg
Mon	8 th /22 nd	21.45	3686	342	S05 freq
Mon	8 th /22 nd	22.00	????	456	Logs needed
Tue	9 th /23 rd	03.00	8247+-	491A	
Tue	9 th /23 rd	03.30	12136+-	458	
Tue	9 th /23 rd	13.00	8079	281	or 679
Tue	9 th /23 ^{rs}	20.00	9378	491A	
Tue	23 rd	21.00	5686	346	
Tue	9 th /23 ^{rs}	21.20	????	746	search 11-9 meg
Tue	9 th	21.45	3686	242	S04 freq
Wed	10 th /24 th	13.00	8079	281	or 679
Wed	24 th	20.00	5686	346	
Wed	10 th	21.45	????	307	or 269, E18 freq
Thu	11 th /25 th	15/17.00	8688	201	
Thu	11 th /25 th	20.00	12754	714	
Thu	11 th	21.45	????	307	or 269, Logs needed
Fri	12 th /26 th	15/17.00	8688	201	
Fri	12 th /26 th	20.00	12754	714	
Sat	13 th /27 th	02.30	6715	303	or 767 poss sked
Sat	13 th /27 th	21.00	4638	175B	

Sun	14 th /28 th	02.30	6715	303	or 767 poss sked
Sun	14 th /28 th	19.00	7834	417	
Sun	14 th /28 th	21.00	4638	175B	
Sun	14 th /28 th	21.15	5766+	501	
Mon	29 th	19.00	7834	417	

M13 Predictions for August 2002 (Copyright ENIGMA 2000/GD)

<u>Day</u>	<u>Date</u>	<u>Time(utc)</u>	<u>Freq</u>	<u>ID</u>	<u>Notes</u>
Thu	1 st /15 th	20.00	12752kHz	253	
Thu	15 th	21.45	7840+-	307	or 269 (May 7840)
Fri	2 nd /16 th	04.00	????	284	search 5-8 meg
Fri	2 nd /16 th	20.00	12752	253	
Fri	2 nd /16 th	20.00	7559	284	
Sat	3 rd /17 th	02.30	6715?	303	or 767 M13d
Sat	3 rd /17 th	03.00	6715+-	378	
Sat	3 rd /17 th	04.00	????	284	search 5-8 meg
Sat	3 rd /17 th	20.00	7559	284	
Sat	3 rd /17 th	20.30	5622	411	
Sat	3 rd /17 th	21.00	5070	378	
Sun	4 th /18 th	02.30	6715?	303	or 767 M13d
Sun	4 th /18 th	19/20.00	11445	261	or 590
Sun	4 th /18 th	20.30	5622	411	
Mon	5 th /19 th	03.00	6212+-	378	
Mon	5 th /19 th	08.00	9000+-	456	
Mon	5 th /19 th	19/20.00	9242	261	or 590
Mon	5 th /19 th	19/20.00	10872	517	
Mon	5 th /19 th	21.00	5070	378	
Mon	5 th /19 th	21.20	9937	746	
Tue	6 th /20 th	08.00	9000+-	456	
Tue	6 th /20 th	19/20.00	10872	517	
Tue	6 th /20 th	21.00	8725	272	
Tue	6 th /20 th	21.00	5570	346	poss sked
Wed	7 th /21 st	06.00	9/10000	823	poss 11/12.30z sked
Wed	21 st	21.00	5570	346	poss sked
Wed	7 th /21 st	21.00	6385	254	
Wed	7 th /21 st	21.00	4615	751C	
Thu	8 th /22 nd	15/17.00	8164	629	
Thu	8 th /22 nd	20.00	12614	714	
Thu	8 th /22 nd	21.00	6385	254	
Thu	8 th /22 nd	21.00	4615	751C	
Thu	22 nd	22.00	6683?	186	G22 freq
Fri	9 th /23 rd	15/17.00	8164	629	
Fri	9 th /23 rd	20.00	12614	714	
Sat	10 th /24 th	21.00	4051	659B	
Sun	11 th /25 th	19.00	8064	417	
Sun	11 th /25 th	21.00	4051	659B	
Sun	11 th /25 th	21.15	????	501	Logs needed
Mon	12 th /26 th	03.00	6857+-	387A	
Mon	12 th /26 th	19.00	8064	417	
Mon	12 th /26 th	20.00	9385	387A	
Mon	12 th /26 th	21.15	????	501	Logs needed
Mon	12 th	21.45	3868	342	S04 freq
Tue	13 th /27 th	03.00	6857+-	387A	
Tue	13 th /27 th	13.00	8079+-	281	or 679
Tue	13 th /27 th	20.00	9385	387A	

Tue	27 th	21.00	5570	346	
Tue	13 th	21.45	3868	342	S04 freq
Wed	14 th /28 th	13.00	8079+-	281	or 679
Wed	28 th	21.00	5570	346	
Wed	14 th	21.45	????	307	or 269 (May 7840)

SELECTED MORSE STATIONS

UNID1 CW (per IB)

7334kHz, 09.30z 16/5/02 sent "6t98 6t98 6t98 539 539 3t 3t = = , 30 x 5f, ends = = 539 539 3t 3t ttt"

UNID2 CW (per MS)

12457 & 12550kHz, 02/6/02, hand, 4dig-DE-4dig-K, approx once per min for 10 mins.

UNID3 CW (per PoSW)

8190kHz, 22.03z 7/7/02 sending "160" rptd, zero sent in full.

UNID4 CW(per PoSW & IB)

10400, 9280kHz, various times/dates sending "555" sometimes for extended periods.
This TX also noted during last winter on 6980 & 7770kHz.

M01

Maintaining the current sked.

M03

Updated Skeds

Sat 08.00z 8186 624,

Mon 07.00z 4958 040, Tue 07.30z 4870 041, 07.45 10720 503, 08.00z 7317 743, 09.30z 6480 552

Wed 07.30z 6941 508

Thu 08.00z 5815 013, 09.00z 6480 011

Fri 08.00z 4909 041, 08.30z 6252 017

M08(cut)

During May utilised the 9meg freqs ,very often in the early morning skeds

9062, 9064, 9113, 9153, 9239, 9323, 9329, 9331kHz

Harmonics still apparent, no triples logged.

Reduced activity after 08.00z during first few days of June.

M10

Improvement in keying noticed - got new kit ??

May/June, more early skeds monitored, eg.

04.06z (04.01z start ?) 5680kHz, 26 x 5f gps.

04.10z, 6780kHz, 30 x 5f gps

04.21z, 6780kHz, 35 x 5f gps

Other freqs 5860, 7380

On 16/6/02 18.00z it TX'd on the Amateur SSTV freq of 14230kHz, it's done this before!

M12

We need further confirmation of the Sunday morning first TX, 06.40 ?? 13484 / 14916. It would appear that these freqs are associated with different calls - 134/149

Confirmed as we went to press, thanks PoSW.

Recent Sunday early morning pattern has been :-

06.40 13484, 07.00z 14785, 07.20z 16085kHz = 134 sked

07.00z 14453, 07.20z 15953, 07.40 17453 = 494 sked

Started on Sunday 2/6/02 a further sked, as in June last year.

07.00z 14532, 0720 16032 = 505 sked. Third freq/time not yet known.

An “odd” start time, 19.55z has been noted since April on various days

Interestingly the Tue/Wed 18.30z 12133kHz call 963, repeated 18.50z 13544 & 19.10z 14728 has recently sent the same message as the 16.00z “749” sked.

There have also been a number of longer than usual mssg’s , especially on the “517” sked, where the usual 20min repeat has NOT been kept.

Also noted was the difference in signal strength between 14365 & 14722 TX’ing at the same time (12/4/02 20.23z) giving an indication of **separate** TX sites, with the stronger signal being very “clean”

Freqs used, 17525, 16125, 16157, 14722, 14725, 14784, 14728, 14567, 14366, 13544, 13374, 12133, 11407, 11103.

On 30/4/02 the 18.30z “963” sked on 12133kHz was repeated at 18.50z on a HIGHER freq of 13544kHz, very unusual - normally on a LOWER freq !! - while the “485” sked had start times of 19.15z, 19.35z, 19.55z. A full log check showed that this sked has used these “non-standard” times since beginning of April, perhaps this will be another “indicator” for M12/485.

The long standing Wed 18.30/18.50/19.10z “583” sked appears to have ceased, last heard 3rd April, as has the Wed 19.20z “418” sked last heard 1st May. ANY logs of these would be appreciated.

M12a (rare)

On Tues 21/5/02, 21.00z, 15772kHz, 21.24z 14572kHz, 21.40z 13372kHz

First confirmed report for a very long time, “753” sked, with DK/GC’s of “6724 149” & “5431 99”

M13

Logs received indicate the high accuracy of the prediction charts given in Issue 10.

Additional sked logged “Mon 13/5, 03.30, 11475kHz, ID 458”

Some “early starts” noted, if these continue we will amend our predictions accordingly.

M13d

Additional freq for First Sat’s ?

Sat 4th May, 02.30z, 6715kHz.

Sent “ 767 R5, BT 265 20 BT 20 x 5f 767 x 12 BT 265 20 BT 20 x 5f BT 000”

Sat 1st June, 02.30z, 6715kHz.

Sent “303 R5, BT 267 86 BT 86 x 5f 303 x 12 BT 267 86 BT 86 x 5f BT 000”

Above confirms the 767- short mssg & 303 - long mssg formats, as predicted by MS & GD

Ed note

The M13 stations generally are continually full of surprises, perhaps we will do an “article” in future.

Appears to be conforming to the usual M13 ID numbering for long and short messages, and sequential message numbers, we will watch carefully for any variations.

Has used the normal M13 format but the ID’s give it away.

M13 ID’s 281/679 do the same with 281=long & 679=short.

M13b uses a similar system, but changes ID each month, ie nnn = long & nnn nnn nnn 000 = short

Sat 18th May, 02.30z, 6715kHz

Sent an unprecedented 492 gp mssg, with the repeat it was TX’ing well over 3 hrs.

MS made a complete transcription of this marathon, but the expected 18.00/22.00z repeat was NOT found - either side of the pond ?

M14

The “first Friday of month” TX heard 3 May/7 June 19.00z 11540kHz “831” sked clg 467 467 93 93 = =” rpt 20.00z 10525kHz. Repeated on Sat 19.00z 11555kHz & 20.00z 10525kHz

The “third Friday of month” TX heard 19 April/17 May 19.00z 11550/11535kHz, rpt 20.00z 10525kHz with a 831 831 831 00000 4 minute nul mssg.

M23

Logs are confirming the info in Issue 10 as generally correct so will not repeat in this issue.

M24

Logged Fri 26 April 18.09z, in prog, 9220kHz, ending “= = 764 764 105 105 00000”
Mon 5 May 18.39z, in prog, 12086kHz, ending “= = 987 987 120 120 00000”

M26/34

Not reported for some while but a “possible” 2960kHz, 01.00z, 11/5/02

M29

The Mon/Tue skeds appear to be erratic, will this affect the Thurs G04 ?

M40

Many more logs being received.

5805kHz 12/5/02 clg 698

6238kHz 16/5/02 clg 97

6535kHz. 27/4/02 clg 619, 10/5/02 clg 727

6449kHz 9/5/02 clg 968

8210kHz 12/5/02 clg 698

14573kHz 04/5/02 clg 544

M51

No logs ???

M77

Heard 11th May 2002 with long TX, hand, 02.00z 6221kHz, mssgs of 64 & 73 gps, cut.

Noted that first & last gps of all mssgs were identical.

Last logging by MS was May 2001 ??, is this only an annual TX ??? Loggings appreciated.

M82

Fri 26th Apl 02, 11.35z, 3442kHz. Uses short Zero (t)

Single 5 fig gps, sends “r” after every 10th gp.

Sent “ ... 97150. Abv qtc nr 601 41 43 0426 2030 620 419 = 43 x 5f ended SK SK

Credits:- AB, CK, GD, HFD, IB, ML, MS, PoSW, TJ, Anon1 UK, Anon2 UK, Anon3 UK, Anon1 EU, Anon2 EU
Where have the Anon’s USA gone in past 2 months?

SELECTED VOICE STATIONS

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

E05

PoSW wrote, I think the big news on the numbers scene is the ending of the E05 schedules with the 210/100 message; there were two sendings Monday to Friday which had been on since late last year and these were joined by two daily sendings, weekends included, in April. My observations are that the 210/100 message was last transmitted on Tuesday 28-May; I happened to be at home on this day and I made a point of checking the daytime E05s; I was also at home the next day but found no sign of any of the four 210/100 transmissions, and there has been no trace of them since. Late May also saw the end of several E05 - related data transmissions which had been on weekdays since late last year. These were of two distinct varieties, one a fast FSK type and the other with a pulsing noise. The schedules for these were:-
0700z 8,029kHz, "Pulse data" type; 0740z 12,197 // 15,822kHz., FSK type and 0900z 6,891 // 8,125kHz, type. All of these were first noticed in late December and were on each weekday on which I was able to check between January and late May. However they now seem to have all gone; there was no sign of any of these schedules on Monday 3 - June; I am sure they must have been connected in some way with the 210/100 E05. Several other E05 schedules have also gone; - the Thursday and Friday 2100z on 8,080 // 10,321kHz., was last heard in the first week of May and the long - standing (since early 1998) Sunday 1800z on 11,072 // 13.465kHz has not been heard since 26 - May - presumably the similar schedule on Thursdays has ended too.

Also, the Saturday 1400z on 18,617 // 19,622 kHz, which had the habit of vanishing for a few weeks and then returning, had not been heard since 6 - April and I made a note in the log that it had probably gone for good; but, much to my surprise, it DID show up on Saturday 15 - June, "Call" 801, "Count" 130 - the first time I had heard it for over two months. I still can't decide if this schedule really does vanish for weeks at a time or if it is all down to propagation.'

PoSW noted these E05's during June:

6960kHz 2200z 03/06 [211/150] // 9090kHz
 2200z 05/06 [211/150] // 9090kHz
 6970kHz 2100z 04/06 [783/139] // 8110kHz
 2128z 15/06 [201/] // 8110kHz
 14739kHz 1500z 04/06 [787/215] //16198kHz
 18617kHz 1400z 15/06 [801/130] //19622kHz Last heard by PoSW early April

PoSW ends his E05 log with, "It looks as if this message with the "Call" of 210, and consisting of 100 5F - or more correctly 3 + 2 - groups, the total transmission time within a second of 29 minutes, has served its purpose. Now I wonder what that was?"

On 9-June-02, Sunday, no sign of E05 at 1800z on 11,072 // 13,465kHz; last heard on 26 - May. This schedule was first noticed in March 1998 but may now be no more!

Whilst 15-June-02, Saturday, 1400z 18,617 // 19,622kHz; this is the schedule which vanishes for weeks at a time; I last heard this one in early April! I have checked these frequencies at 1400z or just after on most Saturdays since then but there had been no trace of Cynthia until today. Weak but clear on both frequencies, 801/130." [Txn PoSW]

AnonUK has shared his April log with us, illustrating the vast number of 210/100 messages sent by Cynthia over that month:

Day	Time	F 1	F 2	ID	C	ID	C	ID	C	ID	C
Sun	0800			31M		7		14		21	
	1200	13450	16090	NH		M		M		M	
	1500	14739	16198	M		M		M		M	
	1800	11072	13465	731	44	M	287	189	287	189	
Mon				1		8		15		22	
	0800	10527	13996	210	100	210	100	210	100	210	100
	1200	13450	16090	210	100	210	100	210	100	210	100
	1900	9219	10527	M		210	100	210	100	210	100
	2200	9219	10527	M		M		M		M	
	2200	6960	9090	M		M		M		M	
Tue				2		9		16		23	
	0800	10527	13465	210	100	210	100	210	100	210	100
	1200	13450	16090	210	100	210	100	210	100	210	100
	1900	8086	9219	210	100	210	100	210	100	210	100
Wed	2100	6970	8110	273	179	585	128	585	128	535	115
				3		10		17		24	
	0800	10527	13465	210	100	210	100	210	100	210	100
	1200	13450	16090	210	100	210	100	210	100	210	100
	1600	14739	16198	985	195	985	195	985	195	985	195
	1900	8085	9219	210	100	210	100	210	100	210	100
Thu	2100	6950	7585	210	100	210	100	210	100	210	100
	2200	6960	9090	M		M		M		M	
				4		11		18		25	
	0800	10527	13465	210	100	210	100	210	100	210	100
	1200	13450	16090	210	100	210	100	210	100	210	100
	1600	10423	12197	NH		M		M		M	
Fri	1800	11072	13465	287	189	287	189	287	189	287	189
	1900	9219	10527	210	100	210	100	210	100	210	100
	2100	8080	10321	499	54	499	54	074	?	074	?
				5		12		19		26	
	0800	10527	13996	210	100	210	100	210	100	210	100
1200	13450	16090	210	100	210	100	210	100	210	100	
1500	14739	16158							828	215	

	1900	9219	10527	210	100	210	100	210	100	210	100
	2100	8080	10321	499	54	499	54	499	54	499	54
Sat	2200	9219	10527	M		M		M		M	
				6		13		20		27	
	0800										
	1400	18617	19622	M		M		M		NH	
	1600	14739	16198	M		985	195	985	195	917	175
	2100	6970	8110	585	128	M		M		853	115

Day	Time	F 1	F 2	ID	C
Sun				28	
	1200	13450	16090	NH	
	1500	14739	16198	828	215
	1800	11072	13465	287	189
	1900	8085	9219	210	100
	2100	6950	7585	210	100
Mon				29	
	0800	10527	13996	210	100
	1200	13450	16090	210	100
	1900	9219	10527	210	100
	2200	9219	10527	M	
Tue				30	
	0800	10527	13465	210	100
	1200	13450	16090	210	100
	1500	14739	19198	828	215
	1900	8086	9219	210	100
	2100	6970	8110	853	115
Wed					
	0800	10527	13465		
	1200	13450	16090		
	1600	14739	16198		
	1900	8085	9219		
	2100	6950	7585		
	2200	6960	9090		
Thu					
	0800	10527	13465		
	1200	13450	16090		
	1600	10423	12197		
	1800	11072	13465		
	1900	9219	10527		
	2100	8080	10321		
Fri					
	0800	10527	13996		
	1200	13450	16090		
	1900	9219	10527		
	2100	8080	10321		
	2200	9219	10527		
Sat					
	1400	18617	19622		
	1600	14739	16198		
	2100	6970	8110		

Message 210 C100 Logged 156 times to date

The repetitive 210/100 message has also been commented on by AF, PLondon , MikeofKent and JoA to name a few.

8110kHz 2100z 05/06 [Count 139]

After the marathon 200+ sendings [!] of the 210/100 message E05 activity decreased. However the following were monitored:

6970kHz 2200z 11/06 [919 Count 108 - 059 83] //8110kHz USB +20dB/9 S London.

2100z 16/06 [435 Count 201] // 8110

Tom [US] reported via group that he could not hear the 2200z 11/06 transmission.

6970kHz 2100z 18/06 [435count 210] //8110

8110kHz 2100z 18/06 [435count 210] //6970

AF's June log:

6970kHz	2100z	11/06	[919]	
13906kHz	1200z	09/06		
14739kHz	1500z	02/06	[787]	//16198
	1530z	23/06		//16198
	1500z	30/06	[080]	//16198

E06

May's transmissions include:

6925kHz	2100z	18/05	[231-698/34=86896]
9120kHz	2200z	11/05	[724 00000]
9190kHz	2208z	24/05	[ends 380 380 157 157 00000]
14610kHz	1330z	04/05	[1230z NRH]
	1330z	11/05	[401 00000]
14780kHz	1400z	11/05	[658 658 658 00000]
14863kHz	1437z	09/05	

June freqs open with:

1230z	14930kHz	
1330z	12206kHz	[both via AnonUK].

PoSW writes: "The E06 English Man has increased in activity, especially on Saturdays; the weekly 1230 + 1330z transmission continues and the second and fourth Saturday in the month schedule at 1400 + 1500z is back. There is also another E06 schedule on the second and fourth Saturday at 1120 + 1220z, the second sending on a higher frequency than the first which is unusual. The call is always "761" no matter what the frequencies; this has been heard several times over the past few months and has always sent a four minute "No message" transmission until 8 - June when there was a full message with a group count of 108.

12180kHz	1507z	08/06	[145/703 703 88 88]	2 nd /4 th Sats. Rpt of 14570kHz tx.
12205kHz	1330z	01/06	[378/694 694 52 52]	
	1330z	02/06	[378/694 694 52 52]	
14570kHz	1400z	08/06	[145/703 703 88 88]	2 nd /4 th Sats.
	1330z	08/06	[602 602 135 135]	
14930kHz	1230z	01/06	[378/694 694 52 52]	
	1230z	02/06	[378/694 694 52 52]	
	1230z	08/06	[602 602 135 135]	
12205kHz	1330z	01/06	[378/694 694 52 52]	
	1330z	02/06	[378/694 694 52 52]	
	1330z	08/06	[602 602 135 135]	
15815kHz	1230z	04/06	[804 804 804 00000]	
	1120z	08/06	[761/345 345 108 108]	
17430kHz	1220z	08/06	[761/345 345 108 108]	

PoSW noted TV QRM on the 12180kHz in his locale, also prevalent in South London and heard in Dartford too. [Tnx PoSW]

Other obs include:

12206kHz	1330z	08/06	[378-602/135=63717 00000]	S8 variable to +20dB/9
14930kHz	1230z	08/06	[378-602/135=63717 00000]	slt XJT QRM, S5 variable to nil.
	1230z	22/06	[378 512 60 12934]	Rptd 1230z 23/06 via Gert

From AF's June log:

12205kHz	1330z	22/06	[370...]	Very Weak
	1330z	23/06	[378 512 60 12934..]	
	1330z	30/06	[378 621 49 87792..]	
14930kHz	1230z	16/06	[378 145 23 11061..]	
	1230z	22/06	[378 512 60 12934..]	
	1230z	23/06	[378 512 60 12934..]	

14939kHz 1230z 30/06 [378 621 49 87792..]
 1235z 29/06

From the US we noted a report of a weak E06 via Spooks:

13283kHz 1400z 08/06

E07

Late April activity was logged by PoSW as:

11028kHz 2044z 22/04 [000 000]
 2040z 24/04 [920 920 920 1 1433 67 x2] Strong signal, low audio*
12217kHz 2020z 22/04 [920 920 920 1 1433 67 x2] Strong signal
 2020z 24/04 [920 920 920 1 1433 67 x2] Strong signal, low audio*
13922kHz 2000z 24/02 [920 920 920 1 1433 67 x2] Strong signal, low audio*

*Started 10s earlier than nominal time.

From Gert we receive this comprehensive log of activity:

7739kHz 0510z 03/05 [701 000 000]
 0510z 15/05 [701 000 000]
 0510z 22/05 [701 000 000]
 0510z 29/05 [701 000 000]
9042kHz 0530z 01/05 [701 000 000]
 0530z 24/05 [701 000 000]
12203kHz 2040z 01/05 [682-2738/62=05169]
13872kHz 2020z 08/05 [682-4582/74=93481]
 2020z 13/05 [682 - 457/39=51931]

For June:

8251kHz 0510z 19/06 [246 - 635/55 = 67015]
 0510z 26/06 [null msg 246]
14390kHz 2020z 03/06 [234 - 2513/29 = 46872]
16284kHz 2000z 05/06 [234 - 2513/29 = 46872]
 2000z 17/06 [234 - 268/47 = 67897]
 2000z 24/06 [234 - 114/36 = 78936]

as well as details of a sending of two messages in a special format:

16284kHz 2000z 26/06

234 234 234 2 for two minutes
518 64 518 64
25486 (64 grps)
234 234 234 2 (4 times)
114 36 114 36
78936 (36 grps)
000 000

E10

April E10 General Observations [BMDartford]:

I had intended this month to only monitor and report on the more exotic side of E10 i.e. Special Headers, Changes to C/S and the more Rarer Networks, plus any unusual breaks from the expected pattern. On April 2nd, HNCK was heard on 6.575, with no change to previous network transmissions and still no message. ART on 5.435 was heard not to be sending the expected group message on two occasions, the 2nd and 9th April. EZI was sending, but failed to mention the group schedule in its initial part of the transmission on two occasions during the evening of the 12th April, on frequencies 19.175 and 9.130 unusual?

Not very much one might say. Then Eureka! On the 14th came VLBTMX 1504 and MIWTMX 1504 both sending just the Special Header with no group message both at the same time on their respective frequencies. Each station

transmitted for 22 minutes. Apart from the first three letters the headers were identical. With reception being excellent I'm sure many will have heard these.

As to the more common networks I tried monitoring at various times during the evenings on different days, and as you can see from the log the same crowd of active and non active calls were always there, ART, CIO2 and VLB2 more so than the others.

For April 02 By Frequency

3150

00:03-07April PCD2, 00:34-18April PCD2

4015

23:46-06April VLB2

4270

22:04-06April PCD, 00:03-07April PCD2 //3.150

4360

23:47-06April CIO2 // 5.339 & 6.912, 00:45-07April CIO2, 20:47-28April CIO2

4461

22:03-06April FTJ, 00:02-07April FTJ2, 23:04-12April FTJ G88, 00:04-18April FTJ2

4780

23:47-06April SYN2, 00:49-07April SYN2, 21:47-09April SYN2, 20:49-12April SYN2

22:51-21April SYN2, 20:49-28April SYN2 //7.605.

5091

22:03-06April JSR, 22:03-09April JSR G53, 20:09-12April JSR G40, 23:04-18April JSR G5,

23:10-21April JSR G51, 20:02-28April JSR G27.

5170

23:46-06April VLB2 // 4.015, 21:49-09April VLB2, 22:47-11April VLB2, 20:48-12April VLB2,

20:11-14April VLBTMX 1504, 21:46-20April VLB2, 20:48-28April VLB2 //6.930.

5339

23:47-06April CIO2, 00:45-07April CIO2, 21:46-20April CIO2, 20:47-28April CIO2 //4.360//6.912.

5435

23:46-02April ART Nil, 22:02-06April ART2, 00:01-07April ART G44, 22:04-09April ART Nil,

22:46-11April ART G44, 22:58-12April ART2, 00:10-18April ART G44, 20:03-28April ART2,

20:32-28April ART G41,

6270

00:04-07April ULX G14, 23:30-13April ULX2, 00:02-18April ULX G8, 20:31-20April ULX2.

6498

23:04-18April PCD G54 Freq Change

6575

23:56-02April HNCK

6912

23:47-06April CIO2, 00:45-07April CIO2 //4.360// 5.339, 21:46-09April CIO2, 22:47-11April CIO2

20:47-12April CIO2, 20:47-28April CIO2

6930

23:21-11April MIW2, 23:18-12April MIW2, 20:11-14April MIWTMX 1504, 20:16-20April MIW2

20:48-28April VLB2

7605

22:51-21April SYN2 // 4.780, 22:49-28April SYN2

7918

20:33-12April YHF2, 23:32-13April YHF2, 23:29-21April YHF2, 20:08-28April YHF2

9130

22:36-11April EZI G11, 20:11-12April EZI?

19715

23:38-12April EZI?

Frequency Changes

PCD2 on 6.498 Reception good

SYN2 on 7.605 Poor due to heavy background noise

VLB2 on 6.930 Good, last used this freq 18Feb02

Noises

20th April at 20:14hrs a very powerful whistling noise was heard on 6.428 lasting for 2 minutes. Something sounding similar to a car alarm. A few moments before the main noise commenced it sounded like someone whistling to attract attention, tuning up I suppose? (Frequency used by ABC at times).

For May 02 By Frequency

4015

22:05 10 May VLBSE, 19:51 16 May SYN2 Nil, 23:46 28 May VLB2 Nil

4270

22:38 16 May PCD G?

4360

23:50 05 May CIO2 Nil, 22:05 10 May CIOSE, 19:51 16 May CIO2 Nil, 23:45 28 May CIO2 Nil

4461

21:17 06 May FTJ G98, 22:04 07 May FTJ G37, 23:04 10 May FTJ G88, 22:39 16 May FTJ G?

00:37 21 May FTJ G108, 20:36 27 May FTJ G?

4780

23:47 01 May SYN2 Nil, 22:49 02 May SYN2 Nil, 23:50 05 May SYN2 Nil, 22:03 10 May SYNSE

21:52 20 May SYN2 Nil, 23:46 28 May SYN2 Nil

5091

21:35 01 May JSR G60, 21:35 03 May JSR G90, 21:31 12 May JSR G90, 22:39 16 May JSR G?

21:05 20 May JSR2, 20:33 27 May JSR G45

5170

21:46 01 May VLB2 Nil, 22:47 02 May VLB2 Nil, 21:50 05 May VLB2 Nil, 22:05 10 May VLBSE

19:52 16 May VLB2 Nil, 23:45 28 May VLB2 Nil

5230

20:13 05 May KPA2 Nil, 20:02 09 May KPAZHYZ0905Z2050 Nil, 21:21 09 May KPA6 Nil

22:16 09 May KPA2 Nil, 22:20 10 May KPA2 Nil, 21:18 12 May KPA2 Nil, 19:18 16 May KPA2 Nil

21:13 20 May KPA2 Nil

5339

21:46 01 May CIO2 Nil, 22:47 02 May CIO2 Nil, 23:50 05 May CIO2 Nil, 22:05 10 May CIOSE

23:45 28 May CIO2 Nil,

5435

21:37 02 May ART G16, 21:37 03 May ART G9, 21:32 05 May ART G61, 22:03 07 May ART2 Nil

20:00 16 May ART2 Nil, 21:04 20 May ART G74, 20:34 24 May ART G133, 20:33 27 May ART G?

6270

21:34 02 May ULX G64, 23:02 07 May ULX2 Nil

6428

22:22 22 May ABC, 20:39 23 May ABC, 19:48 24 May ABC, 20:57 25 May ABC, 19:35 26 May ABC

20:15 27 May ABC, 22:00 28 May ABC, 22:50 29 May ABC

6498

22:42 23 May PCD G50

6912

22:47 02 May CIO2 Nil, 23:50 05 May CIO2 Nil, 22:02 10 May CIOSE, 21:46 12 May CIO2 Nil

21:51 20 May CIO2 Nil, 20:50 27 May CIO2 Nil, 23:45 28 May CIO2 Nil

6930

21:50 05 May VLB2 Nil, 22:02 10 May VLBSE, 21:46 12 May VLB2 Nil, 21:51 20 May VLB2 Nil

23:46 28 May VLB2 Nil

7605

23:47 01 May SYN2 Nil, 22:48 02 May SYN2 Nil, 22:01 10 May SYNSE, 21:47 12 May SYN2 Nil

23:46 28 May SYN2 Nil

7918

23:50 05 May CIO2 Nil, 20:33 24 May YHF2 Nil

9130

21:34 01 May EZI G79, 21:34 03 May EZI G79, 20:04 16 May EZI G22, 21:03 20 May EZI2 Nil

11565

21:32 06 May EZI G110

General Observations & Comments

5 May. KPA2 back on air again with a change of frequency 5.230. (Last heard on 18th Feb) Was still transmitting c/s at 00:33hrs 6 May 4hrs and 20mins later.

5 May. CIO2 at 23:50hrs transmitting on 4 freq's 7.918, 6.912, 5.339 & 4.360
(Voted E10's Frequency Hog of the Year)

9 May. Freq 5230. Special header from KPAZHZA0905Z2050 a total of 16 digets in all transmitted for 1hr 19 minutes and then suddenly changed to KPA6, some 55 minutes later this also changed to KPA2, which was only called twice when it stopped at 22:16hrs.

Looking at the SP Header one might be tempted to think that the 0905Z2050 could possibly be 9 May at 2050z a date time instruction. Then I went into the realms of fantasy and interpreted ZHAZ0905 as from Zechariah chapter 9 verse 5, I quote " Ash'ke-lon shall see it and fear, Ga'za also shall be very sorrowful" (This refers to the two towns in and near the Gaza strip), Ah well back to earth.

10 May. 22:00hrs approx E10 sprang to life for the second night running with SYNSE on 7.605, 4.780. VLBSE on 6.930, 5.170, 4.015 & CIOSE on 6.912, 5.339, 4.360 all transmitting at the same time on the different frequencies. The last two nights corresponding perhaps to the current activity in the Middle East?

20 May. From 21:03hrs to 00:37 21 May, the whole range of frequencies came to life with mainly null message senders. Many were heard 2/3 times but I only logged the initial call of the station. EZI2 on 9.130 was last heard on the 12 Dec 01 on 19.715 and JSR2 on 9 Feb 02 on 5.091 same freq.

22/29 May. ABC on 6.428 (See log for timings) Eight consecutive evenings, each session lasting over four hours, and may have continued for much longer after I had stopped listening. I last heard ABC on the 18th Feb on this freq. Sequence remains the same no message. During this period all the xxx2 calls seemed to be less active on the other frequencies, though ART, JSR & FTJ were still evident. Again this might be put down to poor reception at my end. Though at 23:45hrs the 28th COI2, VLB2 & SYN2 all opened up using 8 different frequencies at the same time (See log) ending at 23:51hrs

Top Five For May

CIO2, VLB2, SYN2, KPA2, ART.

C/Sign Variations

VLBSE, CIOSE, SYNSE, KPA6

Special Headers

KPAZHZA0905Z2050

Rare Networks

ABC

Longest & Shortest Group Message

ART G133. ART G9.

©BMDartford [Tnx BM]

6428kHz was occupied by XJT transmissions at 0650z 31/05, but previously home to the delcet and repetitive tones of ABC's unusual non-stop transmission. [Tnx Tansy].

E11

The first transmission of May [02/05] was preceded [at 0740z] by a series of tones as well as the 'whistling up' of the tx and some cursory voice traffic apparently French. This QRM continued and caused slight difficulty in receiving the usual 232/00!

10125kHz	0800z	02/05 [232/00]	Heavy QRM
	0800z	09/05 [232/00]	
11116kHz	0800z	03/05 [232/00]	Good sigs

0800z 10/05 [232/00]
0800z 24/05 [232/00] - continued 15s late [per JoA].
0800z 07/06 [232/00]
0800z 14/06 [232/00]

The run up to the transmission on 10/05 brought thoughts of S17C to mind. At around 0740z an ICW signal battered out VVV = TTT, which in turn was followed by a loud tty like transmission. Happily this ceased prior to the repeated 232/00.

A suggestion from Gert and received via the ENIGMA 2000 Group for E11:
Tuesdays, 1030z 9610kHz and 1230z 9448kHz for 312.

His subsequent logs reflected this:

9610kHz 1030z 28/05 [312/00]
1030z 18/06 [312 Null Msg] also via Gert
9448kHz 1230z 28/05 [312/00]

Whilst AF offers this for June:

9610kHz 1030z 04/06 [312/00]
9448kHz 1230z 04/05 [312/00]

E15

Possible sighting via 'Spooks' from Chris Acuff:

13202kHz 1435z 22/06
Any other

E17

From Bob in US:

9142kHz 0200z 08/05 [627x3 00000, repeating] AM

Issue 5 covered E17 in May last year, for which the following were heard:

9142kHz 0200z 08/05/2001 [0200Z 12/06/2001 249 650 197 rptd 0200z 13/06/2001 0200z 14/06/2001]
9220kHz 0602z 28/05/2001 [rpt 10708kHz 0400z 28/05/2001]
10708kHz 0400z 28/05/2001 [135x2 400x2 00000] also 0514z

E18

Gert of Holland wrote in to inform us that he had found E18 again:

7840kHz 2145z 09/05 [269-nr 178 gc 22 = 26151]

and suggests that this can probably be heard on the preceding Wednesday. Gert also notes this station follows CET. [Tnx Gert].

E23

From AF:

8188kHz 1155z 08/05 [...40940 59201...]
1200z 20/05
1210z 09/05 [in progress] selco
0957z 27/05 [via AnonUK]
8188kHz 1155z 17/06
1155z 19/06
1155z 20/06

G04

Continuing on from PLondon's re-discovery we are certain this Fraulien now follows a monthly 'schedule' on the first Thursday of each month. It follows the time change rule, but strangely the usual time of 2105/2135z became 2000/2030z in April last when this change took place.

March's freqs matched those used 03/01, whilst April's matched 04/00.

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

01/00:3440 3340,02/00:3920 3820,03/00:4520 4420,04/00:5210 5310,05/00:4830 4930,06/00:5220 5320, 07/00:5360 5460,08/00:5320 5420,09/00:4760 4860,10/00:4580 4680,11/00:4270 4370,12/00:4110 4210,
01/01:4120 4220,02/01:4280 4380,03/01:4750 4850kHz
03/02: [poss 4750] 4850, 04/02 5210 5310, 05/02 4830 4930.

In keeping with others observation of this recently emergent fraulein PoSW makes this comment on his reception 2-May-02, Thursday, 2000z 4830kHz. "G04 German YL with the rasping 3 - note call - up - once likened to a Rolf Harris Stylophone, if anyone is old enough to remember that - who now shows up on the first Thursday of the month - as predicted in issue 10! Strong signal, lower sideband suppressed, 34 x 5 figure groups and never uses the number "9" for some reason. Final "Ende ende" just before 2017z. 2030z 4930kHz repeat sending of G04, strong signal, on same frequency as a weak tropical broadcast station.

As predicted in NL10 the frequencies used matched those in 05/00 :

4830kHz	2000z	02/05	[87137]
4930kHz	2030z	02/05	[87137]

Both the above freqs were reported direct to E2k from JoA, DofKent and PLondon. The telephone was very busy. In keeping with past practice PLondon sat on the first expected sending from 1930z. At 1951z the carrier could be heard as a het tone and followed by a brief 'Achtung, Achtung '81737'. The carrier then closed prior to the 3 tones. This practice is normal with G04 as AF reported for April's sending 04/04 between 1950 to 1952z.

PLondon informs us that June's sending followed the predicted 5220/5320kHz. Unfortunately XJT was very nearby to 5220 and USB was selected to copy a pristine 'Achtung, Achtung ! 22148' message and repeat until 2017z when our starring Fraulien announced 'Ende Ende'.

Changing frequency to 5320kHz immediately the carrier dropped PLondon informs us of a peculiar annoying signal that sat on 5320. Sounding much like bursts of feedback ; a tinny, pulsed, screeching noise, described as 'that made by using a coarse file on a piece of metal not properly positioned in a vice' it sounded as though our Fraulien was going to have a bit of a battle on her hands for dominance of the frequency. Bang on 2030z the carrier raised followed by the 3 tones totally removing the unwanted sounds.

5220kHz	2000z	06/06	[22184] USB XJT QRM.
5320kHz	2030z	06/06	[22184] USB Strange sig on freq

First Thursday in July is 04/07, the expected freqs being 5360/5460 at the relevant times.

G06

E reports a G06 not entered in NL10:

5442kHz	1828z	29/03	[686 686 686 00000]. Noted as off at 1830z
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The G06 German YL continues to appear on the first Monday in the month but I have lost track of the Friday 1830z transmission, last heard on 26-April. Despite tuning around at 1830z on most Fridays in May and June I have been unable to find any trace; this was also the situation last year when the Friday G06 was not heard throughout the summer months, returning again in September. A G06 transmission was also noted on Sunday 21 - April at 2020z on 10,860kHz; this may have been a "One off", I have not been able to find her on Sundays since.

PoSW's log makes these comments:

21-Apr-02, Sunday, 2020z 10,860kHz, a Sunday G06!, something new. Calling "Eins null funef" (105), DK/GC "Neun zwei sechs" (926) x 2, "Drei vier" (34) x 2. Strong signal, lower sideband well suppressed, carrier with tone noted warming the frequency up at 2008z and I was surprised when the German YL started up at 2020z. Ended 2030z with DKDK GCGC and 5 x "Null".

26-Apr-02, Friday, 1930 UTC, 5,442kHz, Friday G06 German YL, last heard on 12 - April; and the call, DK and GC were the same as heard on that occasion, "947" and "326 326 47 47". Carrier was up at 1850z, numbers "1 2 3 4 5" in German repeated several times around 1858z - at normal pitched voice and speed of

delivery, unlike on some previous occasions, see above; audio tone noted at 1904z which stayed on for some time. Good signal, lower sideband well suppressed.

This may well be the last time this Friday Fraulein turns up for a while; I could not find her after the month of April last year despite searching on most Fridays during the summertime. She re-appeared again on the second Friday in September (14th) on 5,442kHz.

6-May-02, Monday, 1900z 11,490kHz, the first Monday in the month G06 German YL. Calling "Drei null acht" (308), DK/GC "Vier eins sechs" (416) x 2, "Zwo null" (20) x 2, short message, all done by 1908z. Good signal with lower sideband suppressed and with a distinct hum on the signal - similar noted on some recent S06 Russian Man transmissions. Carrier with tone noted 1851z with a single spoken "308" at 1853z. 2000z 9,115kHz, repeat sending of G06 "308" and "416 416 20 20". No problem in finding this, carrier with tone noted 1947z. Frequencies used in May last year were 12,220kHz and 10,220 kHz

7-May-02, Tuesday, 1900z 11,485kHz and again, 2000z, 9,115kHz, the next day repeats of yesterday's G06 "308" and "416 416 20 20"

3-June-02, Monday, 1900 UTC, 12,195kHz, the first Monday in the month G06 German YL. Call "Drei null acht" (308) x 3, "Null" x 5, a four minute "No message" transmission; strong signal, lower sideband well suppressed, carrier with tone noted 1847z.

2000 UTC, 10,310kHz, second sending of G06 "308 308 308 00000". Has reverted to frequencies of a similar order to those used in the same month last year, i.e. June 2001 frequencies were 12,190 and 10,180kHz [Txn PoSW].

For the month of May AnonUK informs us that G06 could be heard:

Monday & Tuesday 1900z on 11485kHz 2000z on 9115kHz

9115kHz	2000z	06/05 [308 416 20 68697...]AM
11485kHz	1900z	07/05 [308 416 20 68697...]AM
11490kHz	1903z	06/05 [308 416 20 68697...]AM

Also heard by AF.

June's frequencies, via AnonUK:

10310khz	2000z	03/06
12186khz	1900z	03/06
12195kHz	1900z	03/06 [308 00000] From AF

G07

PoSW makes these comments concerning the G07 reported in our last issue 10; having been heard on Friday 15 - March sending a continuous count of 0 to 9 was the G06 YL with this pre-transmission routine. I have often noticed this with the Friday G06 - but never with the first Monday in the month one. The higher pitched voice does sound remarkably like the old G07 YL, which incidentally I have not heard for a couple of years. I think the operator at the controls of the Friday night G06 sometimes gets bored waiting for 1830z and starts messing around with the various functions of the device on which the message is stored; I recall one occasion when the voice suddenly changed into that of the S06 Russian Man for a short while. When the transmission proper began at 1830z the voice was of normal pitch and speed of delivery.

S06

PoSW sent the following in:

The S06 Russian Man has also been busy, especially on the second and fourth Saturdays in the month, early evenings UK time; on Saturday 8 - June for example there were two separate S06 transmissions on the air, one at 1600 + 1700z and the other at 1700 + 1800z.

PoSW's log for S06 reads:

9-May-02, Thursday, 2048z 10,982kHz, something different here; this was a Russian Man but not the usual S06 voice. It was the voice used by S07 which I have not heard for two or three years at least. An obviously synthesized voice with a comical cartoon-like quality to it; used to be referred to as "Tinny voice" when it was often heard in the early days of "ENIGMA" with regular schedules. This was calling "Syem shesht adean" x 3, "Noll" x 3, "Dva tri dva pyat pyat" (761 761 761 000 23255), repeating this routine over and over until just after 2051z. Carrier stayed on for approx 30 seconds or so then went QRT. A.M. with both sidebands.

5-June-02, Wednesday, 2109z 12,165kHz, S06 transmission in progress, lower sideband suppressed, ended

message 2111z with DK/GC "Deviet null adean" (901) x 2, "Tri vosityem" (38) x 2, but instead of ending transmission started calling "Tri vosityem syem" (387) for a minute or so; a two - message S06 then; second DK/GC "Shesht deviet cheteria" (694) x 2, "Dva" (2) x 2, only two 5F groups in the second message! - which were "Dva dva dva dva dva" (22222) and "Null null null cheteria adean" (00041) - similar two message S06 transmissions where the second message consisted of two groups have been noted in the past. Ended with DKDK GCGC and 5 x "Noll" 2113z.

6-June-02, Thursday, 2100z 12,165kHz, same frequency as yesterday but not quite the same transmission; calling "Tri vosityem syem", (387), then DK/GC "Adean cheteria pyat" (145) x 2, "Dva" (2) x 2, a two 5F message sent first, but different to yesterday, "Adean adean adean adean adean" (11111) and "Null null null cheteria adean" (00041), followed by DKDK GCGC and "call "387" again, then second DK/GC "Deviet null adean" (901) x 2, "Tri vosityem" (38) x 2 - which WAS the same as yesterday, although sent as the second message today, followed by 5Fs.

8-June-02, Saturday, second (and fourth) Saturdays in the month finds S06 on the air:-

1600z, 14,860kHz, calling "Syem dva cheteria" (724), DK/GC "Tri shesht pyat" (365) x 2, "Cheteria dva" (42) x 2, good signal with QSB, lower sideband well suppressed.

1706z 12,175kHz, transmission in progress, ended 1712z, "365 365 42 42" and 5 x "Noll" - repeat sending of 1600z transmission.

and:-

1700z 14,650kHz, another S06, on at the same time as the one on 12,175kHz, calling "Null shesht cheteria" (064), DK/GC "Cheteria null pyat" (405) x 2, "Vosityem tri" (83) x 2, good signal, lower sideband well suppressed, carrier with tone noted warming up the frequency at 1648z and a single spoken "064" in Russian at 1650z.

1800z 11,480kHz, second sending of "064" and "405 405 83 83"; very strong signal, lower sideband well suppressed.

10-June-02, Monday, 2015z 14,730kHz, "Cheteria deviet vosityem" x 3, "Noll" x 5 (498 498 498 00000), until 2019z. Good signal, lower sideband well suppressed, carrier noted a few minutes earlier. [Txn PoSW].

AnonUK informed us that S06 could be heard in May as: Monday & Tuesday 1850z on 11130kHz 1950z on 9230kHz. Also notifying us that the Wednesday morning [08/05] S06 at 0700z had moved to 14580kHz and was a very strong signal. AUK further mentioned that all the S06's heard have very poor modulation [and that the 0700z transmission may possibly on at 0600z for the first time].

9230kHz	2008z	06/05
	1950z	07/05 [254 639 117 19329...]
	2000z	10/05
	1950z	11/05 [254-780/95=72876]
	1950z	14/05 [254 254 00000]
	1950z	21/05 Gd Strong sigs 00000
	1950z	28/05
11130kHz	1902z	06/05
	1855z	07/05
	1850z	14/05
	1850z	28/05
13480kHz	2110z	13/05
14580kHz	0700z	08/05
	0600z	15/05

Gert advised us of the following freq:

7682kHz	1900z	15/06 [Null Msg 895]
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AnonUK had problems finding the June Tuesday 1850z and 1950z transmissions but confirmed that the Wednesday slot remained unchanged:

11420kHz	1908z	11/06 also heard by AF
14580kHz	0700z	05/06 [729 Null Msg]

S10E

As was expected S10E, like its Morse sister M10E, re-appeared on 6th May.

10642kHz	1300z	06/05
	1300z	07/05 [weak in Central London].
	1300z	08/05 [weak in Central London]
	1300z	09/05 'selco'
	1300z	10/05 [reasonable sigs Central London]

Appeared as expected 3rd June.

10642kHz 1300z 03/06 Good strong sigs DofKent

Next appearance 1st July

S11A

9950kHz	1045z	25/04 [976-00] from AF
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From Gert we have a possible hint of a new Thursday slot

4783kHz	0500z	02/05 [972/00] suggested via ENIGMA 2000 Group.
	0500z	16/05 [972/00]

and asks if anyone has heard the Monday 0800z 8186kHz transmission lately? Answers please to E2k.

S17

The S17 format suggested a weekly schedule occurring on Thursdays and Fridays starting around 1015z and possibly again at 1250z with message groupings of 4 sendings, to three recipients daily [01/03 being 688, 351 and 401], producing a transmission of 12 actual messages. The actual sendings were preceded by a series of rapid tones and it seemed to end its schedule with rapid tones. The signal strength was fair to good in the SE of England.

Friday 01/03 produced this log from 7809kHz:

	1018z	tfb	688 59897	
	1022z	tfb	688 55719	
	1025z	tfb	688 54235	
	1028z	tfb	688 12774	
pause until	1033z	tfb	351 11036	
	1036z	tfb	351 04624	
	1038z	tfb	351 35159	[3x 351 35159 or 351 59]
	1041z	tfb	351 55047	
pause until	1056z	tfb	401 21511	
	1059z	tfb	401 62184	
	1103z	tfb	401 20925	
	1106z	tfb	401 37083	

pause at 1108:30z

1110z rapid tones 7s only -finish signal [?] Nothing further heard Off watch 1300z 01/03

©DofKent

To date no further reports have been received of this station, the above log and apparent traits posted to allow identification if later heard.

S17C

DofKent rang in to say that there was no appearance on 8190kHz on 01/05. On 04/05 AF placed this info via Group:

6758kHz	1250z	04/05 [82046]USB
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This frequency is heavily utilised by a tty station and the resultant signals on this freq have not allowed S17c to be observed since 04/05. Interestingly 6758kHz was a stated freq for OLX Cz station in 1991. Despite the very poor conditions AF was able to inform us, and send a .wav of the 08/05 transmission as:

6758kHz	1250z	08/05 [98036?] or [58046-DofKent].
---------	-------	------------------------------------

6760kHz 1250z 30/05 Briefly -- AnonUK
1250z 31/05 Very weak PLondon

What is interesting is that AF is not troubled by the tty transmission at his location. AF managed to hear S17C as:
S17C

6758kHz 1250z 04/05, 05/05, 08/05, 09/05, 10/05, 11/05, 12/05, 14/05, 18/05, 19/05, 20/05, 21/05, 23/05,
24/05, 26/05, 27/05, 28/05, 29/05, 30/05, 31/05

DofKent rang into say that he had used a loop from his qth to try to null out the tty without much success. It is possible that this interfering tty type signal is from GB? It may also be military in origin. If it is, could their Lordships please authorize a new freq so ENIGMA 2000 can get on doing what it does best!

What is apparent is that the S17C transmission is not aimed at Great Britain. The fact that it is of reasonable copy near to the Polish border whilst the GB monitors suffer this 'tty indignity' reinforces that view. DofKent was fortunate in 'just' hearing S17C 1250z 10/05 but was unable to extract the five figure group due to the audio being obliterated by the tty.

In addition to the contact near the Polish Border we were also contacted by another monitor in the CZ republic, who reported hearing S17C RS59 and without QRM from tty.

DofKent later rang to say that his observations on this station have been marginally better around 05/06 due to the apparent cessation of the strong tty QRM, although a weaker signal persists, it allows monitoring of S17C for the present.

6758kHz 1250z 22/06 [12048] USB

AF copied S17c throughout the month of June and offers his log. Note all transmissions were USB:

6758kHz 1250z 01/06, 03/06, 04/06, 06/06, 07/06, 08/06, 09/06, 10/06, 11/06,
13/06 [Late start at 1253z], 14/06, 15/06, 16/06, 17/06, 18/06, 19/06, 21/06, 22/06, 23/06,
24/06, 25/06, 26/06, 27/06, 28/06 [very weak], 29/06, 30/06.

S21

4454kHz 1842z 30/04 [454 123 31 56729 ...000]
4854kHz 1842z 30/04 [454 123 31 56729 ...000]
5373kHz 1742z 07/05 [973 248 36 89122..]

V02

Audible in Great Britain via PoSW:

20-Apr-02, Saturday, 0628z 8,097kHz, regular Saturday morning V02 Spanish YL, transmission in progress, somewhat weaker than usual, slight CW QRM from French military "VVV VVV VVV DE FDC AR".

0727z 9,153kHz, V02 in progress again.

21-Apr-02, Sunday, 0704z 8,132kHz, V02 in progress, had gone when checked again at 0715z.

25-Apr-02, Thursday, 0538z 8,097kHz regular Thursday V02 in progress, good signal.

27-Apr-02, Saturday, 0717z 9,153kHz V02, a very distorted, unreadable signal. transmitter fault.

28-Apr-02, Sunday, 0800z 9,230kHz V02 warming up with "Atencion, seis nueve siete cero quatro" (697 04), then "Cero quatro seis tres" (04 63) repeated 5 times and into 5Fs at 0803z, with background buzzing noise.

1-May-02, Wednesday, 0605z 8,010kHz V02 in progress, strong signal.

4-May-02, Saturday, 0604z 8,097kHz V02 in progress, strong signal.

0706z 9,153kHz, V02 in progress, good signal, no trace of the distortion noted on this one last Saturday.

6-May-02, Monday, 0624z 9,331kHz V02 in progress, strength up to S7, ended just after 0642z with 3 x "Finale".

0641z 12,455kHz, another V02 starting up while the one on 9,331kHz was still on - just! Calling "Atencion, quatro dos seis cero uno" (426 01), then "Cero uno seis cinco" (01 65) repeated 5 times and into 5Fs. Distinct background buzz, ended just before 0647z with 2 x "Finale", a short transmission.

0759z 9,268kHz and yet another V02! Started a few seconds after 0759z, carrier with typical V07 background buzz noted a few minutes earlier, calling "Atencion, quatro quatro uno cero cinco" (441 05), then "Cero cinco seis nueve" (05 69) repeated and into 5Fs.

15-May-02, Wednesday, 0709z 9,063kHz V02 in progress, QRM from strong FSK/RTTY signal.

16-May-02, Thursday, 0529z 8,097kHz V02 in progress, strong signal from Cuba this morning.

0606z 8,097kHz V02 still going strong, now with QRM from CW "VVV VVV VVV DE FDC AR".

0719z 9,153kHz V02 again, speech severely distorted.
25-May-02, Saturday, 0717z 9,153kHz regular Saturday V02, QRM from some kind of utility transmission
 identifying from time to time in CW with "HEC". [*Berne Radio Switzerland*].
29-May-02, Wednesday, 0606z 8,010kHz V02 in progress, good signal.
30-May-02, Thursday, 0532z 8,097kHz V02, good signal.
3-June-02, Monday, 0609z V02 in progress, good signal. [*9331kHz?*]
8-June-02, Saturday, 0624z 8,097kHz V02 in progress, good signal.
 0711z 9,153kHz V02 again, weak signal with severe FSK/RTTY QRM. [Tnx PoSW]

Rest US via 'Spooks'

6855kHz	0400z	02/06
9212kHz	2212z	24/05
9268kHz	0600z	25/06 [weak withQRM]
9286kHz	0600z	07/05
10445kHz	0300z	03/06
c10600kHz	0500z	03/06
10875kHz	0817z	29/03 [Lousy audio] tnx E.

V02A

4028kHz	0300z	08/06 [ID 54712 24012 08382] USB
4035kHz	1000z	25/05 [83561 83381 46463]
4329kHz	0400z	05/06 USB
4479kHz	0300z	05/06 USB
4507kHz	1100z	25/05 [83561 83381 46463]
5762kHz	0433z	18/05
	0200z	01/06
	0200z	08/06 [ID 85432 54143 59592] USB
	0420z	08/06 [--- 53892] USB
5800kHz	0300z	03/06
6826kHz	0900z	27/05 [48002 23452 61862] late start
7555kHz	0300z	26/05 [----- 72352 -----]
7583kHz	1000z	27/05 [48002 23452 61862]
8097kHz	0600z	04/05
	0600z	08/06 [AM Extremely clear with handheld set in Wisconsin]!!!!
9153kHz	0700z	25/05
	0730z	01/06
	0700z	08/06 AM
9331kHz	0600z	06/06 [Atencion 58561 59202 91983] AM
10126kHz	0300z	08/06
	0400z	08/06 [ID 04333 51432 20972 (should be M08a sked)*]

[*Further to the above this nearby M08a was noted:
 10125kHz 0418z 08/06 [CW ----- 51132 (note: the V2a at 0200z was silent whilst the
 scheduled M08a transmitted)].
 10127kHz 0400z 11/06 [Attencion Attencion] AM

V07

April 02 sendings were 0600z 14387kHz, 0620z 16087kHz, 0640z 17487kHz. [Call 304]

AnonUK contacted e2k with these freqs on its first sending of May, Thursday 02/05:

14620kHz	0600z	02/05 [ID635 Null message]
	0600z	16/05 [635 000]
	0600z	30/05 [635 000]
16320kHz	0620z	02/05 [ID635 Null message]
	0620z	16/05 [635 000]
	0620z	30/05 [635 000]

Third frequency not heard in May but should be 17520kHz at 0640z.

17520kHz 0640z 16/05 NRH, prev Null msg. Freq in 16m BC band with station nearby: BC QRM

PLondon informs us that June started with:

14620kHz 0600z 06/06 [635 635 635 1 x8, msg then 000 000]

16320kHz 0620z 06/06 [635 635 635 1 x8, msg then 000 000]

17520kHz 0640z 06/06 [635 635 635 1 x8, msg then 000 000]

14620kHz 0600z 13/06 [635 635 635 000]

16320kHz 0620z 13/06 [635 635 635 000]

17520kHz 0640z 12/06 [NRH] Freq in 16m BC band with station nearby: BC QRM

14620kHz 0600z 18/06 [635 635 635 1 x8, msg then 000 000]

16320kHz 0620z 18/06 [635 635 635 1 x8, msg then 000 000]

17520kHz 0640z 18/06 [635 635 635 1 x8, msg then 000 000]

14620kHz 0600z 20/06 [635 635 635 1 x8, msg then 000 000]

16320kHz 0620z 20/06 [635 635 635 1 x8, msg then 000 000]

17520kHz 0640z 20/06 [635 635 635 1 x8, msg then 000 000] Severe BC QRM

V08

The V08 1800z 6,647kHz Middle Eastern YL turned up as expected on the first Saturday in May, (4th), [also heard by AF and E] but I could find no sign on the first Saturday in June (1st); this one may have appeared on the second Saturday (8th) instead, but I was so busy keeping track of an S06 I forgot to check! However, there was a V08 transmission noted in progress at 0803z on Wednesday 15 - May on 11,292 kHz, frequency appeared to vary.

4-May-02, Saturday, 1800z 6,647kHz, V08 Arabic YL maintains her first Saturday in the month schedule. I parked a receiver on 6,647 earlier and observed the carrier come up at 1738z. Audio tone for some time, transmission began just after 1800z with a few seconds of Middle Eastern music, then the YL voice. Modulation low in relation to the carrier and QRM from some kind of utility transmission - often noticed before but never as strong as it was today - made copy difficult. Voice stopped just after 1813z followed by music for about a minute. Carrier stayed on with various clicks and pops until QRT 1818z.

15-May-02, Wednesday, 0803z 11,290kHz, another surprise because this was the V08 Arabic YL with a similar type of transmission as heard on the first Saturday in the month. Not too strong, strength S6 or so, the frequency seemed to be shifting back and forth between 11,290 and 11,292kHz. Ended 0807z with music, very faint, unable to make out if it was the same as heard on the Saturday V08. This was the third Wednesday in the month so maybe a regular schedule here; I see 11,292kHz is listed for V08 in the ENIGMA 2000 Hitch - Hikers guide issue 3.

V13

From Hideharu Torii via Spooks we became aware of the fact that this station is apparently no longer called 'New Star Broadcasting Station' but 'Star Star Radio Station.' As we get to hear more we will keep you posted. It says its email address is w2789@hotmail.com and its postal address is PO Box 12587, Taipei.

V21

6529kHz 0051z 20/03

XP

The third evening scheduled freq for April was stated in part in NL10 for which we apologise and publish in full here [2040z 9475kHz].

As previously stated XP uses tones of 305, 321, 337, 353, 369, 385, 401, 417, 433, 449, 465, 481, 497 and 513Hz.

April Freqs per AnonUK, JoA, PLondon

0600z 11083kHz 02/04 05/04 09/04 12/04 16/04 19/04 23/04 26/04 30/04

0620z 12183kHz 02/04 05/04 09/04 12/04 16/04 19/04 23/04 26/04 30/04

0640z 13883kHz 02/04 05/04 09/04 12/04 16/04 19/04 23/04 26/04 30/04

ID018

2000z 12180kHz 02/04 04/04 09/04 11/04 16/04 18/04 23/04 25/04 30/04
2020z 10970kHz 02/04 04/04 09/04 11/04 16/04 18/04 23/04 25/04 30/04
2040z 9475kHz NRH NRH NRH NRH 16/04 18/04 NRH NRH NRH
ID194

Other scheduled XP courtesy AnonUK/JoA

2010z 14890kHz 02/04 05/04 09/04 12/04 16/04 19/04 23/04 26/04 30/04
2030z 13420kHz 02/04 05/04 09/04 12/04 16/04 19/04 23/04 26/04 30/04
2050z 11580kHz 02/04 NRH 09/04 12/04 NRH 19/04 23/04 26/04 NRH
ID845

May Freqs per JoA, PLondon

0600z 11157kHz 03/05 07/05 10/05 14/05 17/05 21/05 24/05 28/05 31/05
0620z 12457kHz 03/05 07/05 10/05 14/05 17/05 21/05 24/05 28/05 31/05
0640z 13857kHz 03/05 07/05 10/05 NRH 17/05 21/05 24/05 28/05 31/05
ID148

2000z 14597kHz 02/05 07/05 09/05 14/05 16/05 21/05 23/05 28/05 30/05
2020z 13417kHz 02/05 07/05 09/05 14/05 16/05 21/05 23/05 28/05 30/05
2040z 125nnkHz NRH NRH NRH NRH NRH NRH NRH NRH NRH
ID545

Other scheduled XP courtesy AnonUK/JoA

2010z 15910kHz 03/05 07/05 10/05 14/05 17/05 21/05 24/05 28/05 31/05*
2030z 14695kHz 03/05 07/05 10/05 14/05 17/05 21/05 24/05 28/05 31/05*
2050z 13374kHz NRH 07/05 10/05 NRH 17/05 21/05 24/05 NRH 31/05*
ID963

This second scheduled XP transmission on Friday 24/05 was plagued with problems. The 2010z sending started at 2014z finishing at 2017z. The carrier being heard at 2009z and somewhat later than usual. [S9 to +10dB over]. At 2022z we were treated to a few seconds of the second sending with the start and end tones only. At 2030z and on time the second sending was heard for 3 mins at S5. The third sending was the best at PLondon and started with no problem at 2050z. 252 and lodp for XP op!

*Friday 31/05 2010, 2030 and 2050z transmissions did not appear as the usual melodious tones that we expected. The raising of carriers and subsequent tones, as the norm, indicated the run-ups to each transmission. At each expected transmission time Morse was heard, the characters being sent reasonably slow. However the speed changed to fast as the message was sent. Contact was made with AnonUK who confirmed that the signals heard were a M12 transmission. This firmly established the tenuous link, suggested by AnonUK for XPH in NL10, with XP too.

The messages sent were [E&OE!]:

963 963 963 1 963 963 963 1 rptd
781 26 781 26
[26 Groups of five figs]
000 000 [sent as TTT TTT].

June Freqs per JoA/Plondon

0600z 11157kHz 04/06 07/06 11/06 14/06 18/06 21/06 25/06 28/06
0620z 12457kHz 04/06 07/06 11/06 14/06 18/06 21/06 25/06 28/06
0640z 13857kHz 04/06 07/06 11/06 14/06 NRH 21/06 25/06 28/06
ID148

2000z 14597kHz 04/06 06/06 11/06 13/06 18/06 20/06 25/06 27/06
2020z 13417kHz 04/06 06/06 11/06 13/06 18/06 20/06 25/06 27/06

2040z 125nnkHz NRH NRH NRH NRH NRH NRH NRH NRH

ID545

Surprisingly this June XP is using May's frequencies, the first evening transmission at 2000z 14598kHz actually being hailed by a carrier that came up briefly at 1926, 1929 and 1933z.

Other scheduled freqs courtesy AnonUK

2010z 16174kHz 07/06 11/06 14/06 18/06 21/06 25/06 28/06

2030z 14878kHz - 11/06 14/06 18/06 21/06 25/06 28/06

2050z 13445kHz - 11/06 14/06 NRH NRH 25/06 28/06

ID184

New XP Transmission leads to further analysis

We received an email from PLondon [no doubt up early to celebrate HRH's Jubilee!] at 0545z 04/06.

He writes, 'I had occasion to get up early and switched my receivers on at 0415z. I had previously set 12173kHz as a guard whilst I was going to search for XP at around 0552z. I was surprised at 0455z when it became apparent that a carrier had appeared on 12173kHz. Although its strength tickled the meter at S4 to 5 I recognised the threatened transmission as XP when two short tones were sent at 0458z. Sure enough between 0500z and 0502z a null message was sent [and repeated on 13473kHz at 0520z]. The recorded signal was analysed giving an ID148 [the same ID as used throughout May - and now starting in June]. The section sampled contained these tones [Hz]:

303/337/512/335/303/352/399/462. Translated this breaks down as Space, 0, Repeat, 0, Space, 1, 4, 8.

[Eight characters used].

This is not the same as that sent [a full message] in May [0600z28/05] for ID148. A sampled transmission produces 300/352/300/350/399/461, Translated this produces Space, 1, Space, 1, 4, 8. [Six characters used]. This sequence is identical with that taken from 0600z 04/06, a full message sample.

The 2000z 04/06 transmission was a null message lasting only two minutes. However there was the same variation in the sequence: 303/338/514/338/303/416/403/416 or translated:

Space, 0, Repeat, 0, Space, 5, 4, 5. [Eight characters used].

I come to the conclusion that the six character sequence is sent when there is a full message, whilst the longer eight character sequence indicates the much shorter null message.

The discovery of the 0500z sending was an added bonus but raises further questions.

Is the ID148 a coincidence with the 0600z series sendings?

In June 2001, XP sent its 0640z message on 14973kHz. Such use would ensure that the ID would have been 149. On 04/06/02 the ID was 148. Does this mean that any subsequent full message will be sent on a frequency of say 148nnkHz; or will the full message never be sent because the 0500z transmission is an indication for the 06nnz series sendings?' AnonUK reported hearing the 0500z transmission again on 18/06 giving 1st and 3rd transmissions. The next 1st and 3rd sendings are: 2 & 16/07. Possible freq 0500z 11623kHz, 0520z 13423kHz.

[TnxPLondon].

12173kHz 0500z 04/06 [Null msg] 18/06 [Null msg]

13473kHz 0520z 04/06 [Null msg] -

1n8nnkHz 0540z NRH

ID148

12173kHz was monitored on Thursday 0500z 06/06 and Friday 0500z 07/06 but this early XP remained NRH with PLondon as did the same freq on Saturday 08/06.

XPH

Uses these tones, as measured by AnonUK:

1304 Space, 1234 : 0, 814 : 1, 844: 2, 879 : 3, 914 : 4, 954 : 5, 1038 : 6, 1089 : 7, 1143 : 8, 1202 : 9,

992 : Repeat, [1271 Separator].

XPH sends a preamble the same as M12, DK and GC. [The March one was 805, Space 131 Space 805 Space 131].

XPH is now believed to send in the evenings of Saturday and Tuesdays. PoSW found this evening schedule to be 1830z 14837kHz, 1850z 13372kHz, 1910z 11648kHz. [Noted that the ID reflected the 3rd letter of freqs in the evening sendings].

May's freqs [per AnonUK], reports also via JoA:

1830z 16350kHz 04/05 07/05 11/05 14/05 18/08 21/05 25/05 28/05

1850z 14780kHz 04/05 07/05 11/05 14/05 18/05 21/05 25/05 28/05

1910z 13377kHz NRH 07/05 11/05 NRH 18/05 21/05 25/05 NRH

ID373 [Reported as 383 elsewhere; the tones were 879, 1089 and 879: translates 373]

Of the 11/05 transmission AnonUK contacted E2k with this interesting observation:

"It sent a message but between the DK/GC and the message is sent as another 3 figures, they were 365. The DK/GC was 612 58 612 58. You may have noticed that XPH DK is always 3 figures, but M12 is mainly 4."

[Excellent observation AnonUK].

Of the XP/XPH sending on 14/05 JoA discovered that two sendings of XP/XPH were as follows:

14/05: XPH 1830 tx. 1829:43, XP 2020 tx. 2019:43 [freqs were 16350 and 13417kHz respectively]

JoA uses an MSF linked clock for timing accuracy and queries if the XP/XPH stations use either the same timing method or the same control room. [Is the Russian time signal still available on 4995kHz]?

AnonUK informed E2k that the ending on 25/05 varied by not ending 000 000.

June's freqs [per AnonUK], reports also via JoA:

1830z 17455kHz 01/06 04/06 08/06 11/06 15/06 18/06 22/06 25/06 28/06

1850z 15930kHz 01/06 04/06 08/06 11/06 15/06 18/06 22/06 25/06 28/06

1910z 14470kHz 01/06 04/06 NRH NRH NRH NRH 22/06 25/06 NRH

ID494 [62 groups recorded 1st sending]

Whilst monitoring the 1850z frequency of 15932kHz PLondon intercepted a tone being sent at 1845z. This tone was viewed on the Spectrum analyser in real time and measured at 1198Hz. This frequency corresponds to the figure '9'. Another 1200Hz tone was sent prior to the 1850z sending on 18/06, again corresponding to the figure '9'. More work needs to be done on this to see if other tones correspond in this way or if this is just pure coincidence. [PLondon added that the tones he had encountered before on XP all seemed to be around 1200Hz, so this match may be pure coincidence].

As this is prepared for distribution another 1203Hz tone has been sent, there being no '9' in the July ID 383

PoSW informed E2k of these apparently new sendings of XPH:

Late evening (UK time) XPH, noted on Thursday 6 - June with a "No message" transmission, so two frequencies only;- 2120z 18,459kHz and 2140z 17,459kHz.

XPL

This rare station [rare to these columns anyway!] was heard by E as reported in last NL:

5784kHz 2121z 29/01

From the XPL sample sent in by AnonUK E2k were able to measure freqs used as 327, 332, 356, 359, 386, 391, 416, 426, 442, 456, 480, 496Hz. The low freq sounds heard are believed to be the product of more than one tone sent between 322 to 582Hz [much like the tones produced by the telephone tones].

ODDITIES

Of the one tone two buzzes [1T2B] mentioned in NL10 JoA again writes, "11116kHz. Strange goings on: There seemed to be slight variations in 1T2B in that at 0608:04z & 0626:04z [03/05]. The long 10 sec. tone appeared to be replaced by Tone of a few secs then a series of very short ones (pips) then another tone of a few secs. After this it returned to the usual 10 second tone. The two buzzes as usual throughout."

JoA noticed some variation on the morning of 08/05. The long tone was replaced by a series of short tones (pips) and a longer one at the end. Once or twice the two buzzes had been missing. On one occasion the tone period appeared to be slightly shorter than the usual 10 seconds, whilst on another the long tone seemed to be replaced with a series of short tones (pips). This peculiar sound has been missing but was heard again by JoA who writes '1T2B has reappeared on 11116kHz USB Sat.15/06: 1826:04, 1835:04 through to 1847:04 & 1853:04 through to 1905:04 much as before. 1 tone (10 secs.) Pause (6 secs.) 2 buzzes (6 secs.) Total time 22 secs. First in hour: xx02:04, last in hour: xx59:04.'

E reports a series of 'rasps' which he describes as follows:

19180kHz 1306z 02/06 [2 tone rasp every 2 secs].
19586kHz 1307z 09/06 [3 rasps every 4 secs - same as 20480kHz].
20480kHz 1144z 02/06 [see above - 19586kHz]

BACKWARDS MUSIC STATION (XM)

No reports.

CRACKLE(XC)

This peculiar sounding signal has been reported for 2002 by 'C' as being heard, during the evening, on 5495 and 5505kHz. 'The Crackle' an old friend was noted again on SAT 15.12.01 and is still operating in the European evening time. The Crackle on 5495 // 5505 under Shannon Air Radio, is back ! Like a dog to a lamppost it as returned to its only known frequencies - where as it been ? Still crackling away for no apparent reason. Listen while you can for hours of entertainment. Any one any ideas on this ?

Gert of Holland confirms 'C's observations by hearing XC on a Thursday evening:

5496/5504kHz 2248z 20/12,
our recent report comes from E:
5505kHz 0143z 05/05

JET (XJT)

Continuing with his audit of XJT, PLondon has taken good advantage of the Jubilee holiday to carry out further observations of this peculiar, but very necessary signal. Observations made on the night of 31/05, early and mid-morning of 01/06[31/05 2145z to 0035z 01/06 and 1237z to 1326z 01/06].

Shown as freq, time, signal strength [time, signal strength if heard midday 01/06] or if freq not listed prior to midday 01/06 *Freq, time, signal strength*.

[Signal strength: 9+ means greater than 9 but less than 10dB. +10 means 10dB over 9].

2210 2142 +20, 2380 2143 +20 [1237 7], 2455 2145 +10, 2538 2145 +10, 2580 1237 7, 2595 2146 +10, 2632 2146 +10, 2640 1237 5,

2640 2147 +30, 2653 2148 +20, 2760 2212 +10, 2805 2212 +10,

3225 2214 +20, 3325 2240 +30, 3372 2241 +20, 3385 2241 +10, 3410 2242 +10, 3865 2245 +20,

4060 2247 8, 4115 2247 7, 4170 2248 +20, [1240 5], 4205 2248 +10, 4225 2249 +10, 4230 1240 3, 4255 2250 9+, 4266 2250 +10, 4300 2251 +10, 4315 2251 9+, 4510 2254 7, 4535 2254 9+, 4565 2255 +20, 4575 2255 7, 4591 2259 7, 4610 1241 1, 4645 2259 +20, 4780 2300 +10, 4810 2301 6, 4970 2304 7,

5160 2305 +20, 5165 1242 1, 5215 2306 +20 [1242 1], 5250 2307 8, 5270 2307 +10, 5335 2307 7, 5365 2308 +20, 5430 2309 +30, 5815 2319 9+, 5850 2320 +10,

6230 2223 +20 [1245 3], 6240 1245 5, 6250 2223 9+, 6320 2324 8, 6340 2329 +10 [1245 1], 6385 2231 9+ [1246 1], 6415 2331 9 [1247 1], 6440 2330 9+ [1247 3], 6475 2232 +20 [1248 5], 6505 2332 +10 [1248 5], 6895 2339 9+ [1249 wk], 6903 2340 +30 [1250 3], 6995 2341 6,

7425 2342 7, 7780 2344 9, 7855 2345 6,

8105 1252 7, 8115 2345 9+, 8175 2348 9+ [1252 5], 8240 2348 8, 8355 2349 8, 8410 2350 9 [1254 5], 8460 2350 +20, 8475 2351 +10 [1255 7], 8505 2351 8 [1255 9+], 8515 1256 9+, 8535 2352 6, 8610 2352 +10 [1257 3], 8635 2353 +20 [1257 3], 8660 2353 +10, 8670 1258 5, 8695 2354 +10, 8700 2355 +20,

9100 1257 3,

10265 0001 5 [1259 5], 10570 0002 9 [1300 wk], 10670 0003 6, 10755 0003 8,

11015 0004 5, 11045 0005 9 [1300 1], 11455 0007 9+ [1301 7],

12695 0010 +20, 12815 0011 8, 12885 1303 1, 12985 0012 8,
13065 1304 wk, 13075 0012 8, 13410 0013 8,

14420 0015 9 [1306 wk], 14724 1745 9+

16575 0030 7[1308 1],

17110 0032 8, 17125 1309 wk, 17340 1310 wk,

18365 0035 8,

19720 1312 1+, 19740 1313 1+,

21790 1324 wk,

22190 1325 5, 22450 1326 wk

The allocation tables within Great Britain's Radio Communications Agency document RA306 indicate that all of the above XJT freqs fall in bands designated 'Government Use'. Looking at the comments there are some other allocations, usually Maritime and occasional Aero service [NATS comms etc]. Of interest it is noted that this most disruptive 'Jet' signal does not seem to clash with other users. All Amateur bands seem 'Jet' free as do the Aero service bands.

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JAMMERS

5320, 5600, 6420, 6880, 7040, 7050, 7070, 8320, 8340, 8515, 9360, 10280, 10470 and 13410 kHz.

NEW PIP XT2

Heard on 2200kHz, 2207kHz, 3250kHz and 7605.5kHz, no recent reports to e2k, C also notes: "XT2 - The New Pip - Which was discussed in the last issue was noted for the first and last time (by me anyway) on 7606 kHz at 1849z on WED February 2nd. Seems to have gone very quiet recently".

S28 [formerly XB]

Still buzzing!

4625kHz 1838z 14/03

S30 [The Pip]

Continues to Pip away on 3757kHz.

SLOW POLYTONE

Heard last on:

10132kHz 1851z 12/03 [Tnx C]

See P25 NL10 and P26 of issue 9 for previous coverage. Please listen out for this one!

X06

E wrote in with the following for Mazeilka:

7691kHz 2028z 27/05

11093kHz 1926z 29/05

16320kHz 1115z 23/03

also Gert who heard:

16064kHz 0600z 09/05

16117kHz 0600z 09/05

1225z 06/06

13458kHz 0700z 28/05

Plondon recently encountered Mazeilka:

11412kHz 2045z 11/06 [818, 990, 915, 958, 882, 850Hz]

SLOT-MACHINE (XSL)

XSL is heard on 4233, 4292, 6419, 6445, 6466, 8555, 8589 and 8703.5kHz. USB mode

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

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

SQUEAKY WHEEL(XSW)

3828kHz has not been lately reported, however PLondon noted :
14671kHz 0015z 01/06 Weak to inaudible.

TELEPRINTER 4710

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

4710kHz	0620z	27/05 [t/p active]
6702kHz	0621z	27/05 [t/p active]
9000kHz	0622z	27/05 [inactive]
11122kHz	0623z	27/05 [t/p active]
15020kHz	0623z	27/05 NRH

WOPWOP(XWP)

The freqs stated as the 'schedule' for this particular signal appear to be barren over most of May. Has the schedule changed, finished or what? Whilst C reported a like signal around 1900z in the frequency range 13950 to 13965kHz PLondon has noted another WOPWOP like signal:

15660kHz 0027z 01/06 S5 variable to 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 AF, AK, ANUER, Anon UK, AnonNI, Anon Scandinavia, AR, Ary, BMDartford, 'C', CD, D of Kent, 'E', Gert of Holland, HFD, IB, J of Aylesbury, JMM, K of Kent, LP, Mike of Kent, Mark Slaten, 'P', Peter of Saffron Walden, R anon, Rob of Essex, Selco and all others for their contributions to the Morse, Voice and Oddities columns. As ever we acknowledge information from the Spooks site.

ENIGMA 2000 ARTICLE

Before we proceed with the Article; We recently received an interesting positive appraisal of KofKent's 'Gladio article, printed in Issue 9. AnonMW writes:

The Gladio article was of particular interest, as I know the Americans had a similar programme in Italy, in the same time frame, but with (typically) much more equipment layout. Even large caches of arms were hidden at various locations in Italy, for the use of "stay behind" units. I know we had (the Brits, that is) a similar set up in West Germany although I have yet to see any admission in print (Electronic or otherwise).

My late father, who served in the Royal Navy in WW2, told me about the tunnels below Gibraltar. He reckoned there were ammo dumps, hospitals, even food stores down there.

AnonMW [Tnx AnonMW].

[E2k is aware that tunnel maintenance is still undertaken and that it is possible for visits to be approved for service personnel].

Following on from the very popular first part we now offer:

"THIS IS RADIO ENOCH" THE STORY OF BRITAIN'S POLITICAL CLANDESTINE
BY 'C'
PART TWO

I hope you enjoyed Part One of the Radio Enoch story published in Issue 6. My thanks to those readers who kindly sent me details of web sites containing Enoch information. I have acknowledged the use of some material at the end of this part.

We left Part One with four unanswered questions.

Who supported Radio Enoch?
Why did the GPO fail to find the transmitter?
Was MI5 & GCHQ involved in tracking the station operators?
Why did the station close?

I will attempt to throw some light on these questions, however, we will be left to speculate on others.

WHO SUPPORTED RADIO ENOCH? One thing which I did not reveal in Part One was the fact that I did actually meet two of the operators of Radio Enoch, although it does not answer the question posed above I hope you will find the account of interest. In the 1970s I was involved with the pop-pirate scene and a friend of the operator of Radio Solent City, I also used to listen to stations in the 49 Metre band and QSL them. I had sent off-air recordings to Radio Enoch via the mailing address and received studio recordings and photographs in exchange. My memory of the 1970s is not all that great now, but I remember that many stations at that time used a mail forwarding address at Newark in Nottinghamshire, a meeting had been arranged (in a Pub) between some of the Pop Pirate operators - I mentioned this to my contact at Radio Enoch and he arranged to meet myself and two people from Radio Solent City. Although the meeting was in a public place not many people really new each other and I distinctly remember that no one looked very impressed when the two mysterious men (who were well dressed unlike us scruffy student types) in the corner announced 'they' were the operators of Radio Enoch ! I think I was about the only person that spoke with them. In answer to the question "Who Supported Radio Enoch" I did get the impression that it was not such a big operation - something which you will find contradicted later in this article. At the age of about 17 I think I learned a lesson - to take care who you invite to the party !

WHY DID THE GPO FAIL TO FIND THE TRANSMITTER? In the mid - 1970s we had not reached the Digital Watch stage of technological evolution, but DF systems did exist even if they were left over from WWII. The General Post Office (GPO) were charged with locating those 'naughty pirate stations' and seemed to have most success with MW pirates which were much more popular then. Radio Jackie in London was raided every week! Short Wave stations tended to be left alone, the occasional raid taking place, perhaps the fact that they were not attracting the attention of vast numbers of listeners was a factor. Radio Enoch had however woken up this sleepy corner of that strange mode known as SW on the dial. The British Press had probably not reported on a story concerning SW since the days when Radios were marked with those strange places like Lahti (where is that). Radio Enoch was in the Press and on Radio 4. The GPO was under pressure to silence its extreme views.

The following is information, which I came across on the Web - and provides new information, which I did not have when preparing Part One. "The only Radio Enoch broadcast to be attended by the authorities was the first transmission. The MW transmitter had been installed in a council flat in Tile Hill in Coventry and a long wire aerial was taken from the flat to a high tree some distance away. A neighbour telephoned the Police to complain about a suspicious character climbing trees, and the Police arrived during the first transmission and removed the aerial from the tree - end and started to tug it, thereby pulling the transmitter along the floor of the flat. The Police then entered the flat and asked the operators what they were doing; "We have been trying to receive Radio Caroline". The Police were then given a demonstration and in boomed Radio Caroline. The transmission continued that day from another location. In subsequent weeks, one-hour broadcasts were made at 11.00 on Sunday mornings. Long - wire aerials were installed at various locations in the Midlands usually between two trees in country lanes using thin and "invisible" wire. Typically, the aerials were not used until several weeks after installation in case suspicion had been aroused. The MW

broadcasts did not attract an audience in view of the short transmission hours and lack of any form of publicity, and in November 1978, the operators had a rethink. From this was born Radio Enoch on SW.

Radio Enoch evaded the authorities by moving transmitter sites. The most powerful transmission came from a farm near Shrewsbury. A doctor's clinic was used in Portsmouth, a Sub Post office in inner London, a country residence in Kent, and several farms in the Midlands amongst a dozen or so other locations. The transmitters were put into hiding between broadcasts. Some 200 people were in the know"

This insight in to the transmitter sites used is most interesting and perhaps goes some way to explaining how Radio Enoch evaded the GPO, I am sure that other SW pirates did not travel so far and wide.

TRANSMITTERS & EQUIPMENT - According to one report a number of transmitters were built and acquired including KW Vanguard with 1,200 watt Yaesu Musen RF amplifier. Force air-cooled 4Cx20B transmitter, Heathkit HW101 - 2 x 6164 amplitude modulated and other homebrew MW, VHF and Shortwave transmitters.

WAS MI5 & GCHQ INVOLVED IN TRACKING THE STATION OPERATORS? We can sadly only speculate on these questions. I would imagine that the GPO had requested the assistance of GCHQ and its CSOS out stations in tracing and DFing the signals in the limited time of the transmissions. Whether MI5 ran a file on Radio Enoch we will probably never know. My guess is firmly that they did - given recent revelations by David Shayler on just 'who' does have a file at MI5. Britain's obsession with all things secret would doubtless have given MI5 a good opportunity to pack a flask and sandwiches, desperate to find out as much as possible about Radio Enoch's operations, even possibly an attempt at infiltration, who knows. I managed to meet the operators so it was not 'that' difficult! Perhaps one day the truth may come out but don't hold your breath.

WHY DID THE STATION CLOSE? - The political climate was changing, Thatcherism was now taking hold and the old traitors in the Conservative Party were been displaced. Thatcher was Powell's natural successor for representing right-wing opinion, and she brought a halt to uncontrolled immigration, a virtual demolition of the trade unions, and an end to the loony left, and a major towards the dismantling of international socialism.

GLAD TO SEE THE BACK OF IT! - Not everyone was sad to see it close. Comments on the Internet (some too rude for this article) include - "Frankly, I'm appalled by the number of websites and publications which write with a nostalgic, even sympathetic, view of Radio Enoch" & "The presentation style was stuffy and formal, a parody of 1930s BBC Home Service announcers".

And to end our look at Radio Enoch I will leave the last words to another e-mail contributor - "Thankfully, Radio Enoch is now long dead and buried. So is Mr Powell. Sadly, their racist ideas still exist and must be fought wherever they arise".

ACKNOWLEDGMENTS - My thanks to S.Lewis and Sterling Times. <www.sterlingtimes.co.uk> for use of material in this part. C.

©'C'

NEWS & ITEMS of INTEREST

CENTRAL ASIAN LANGUAGES.

Re: NL8, pages 4/5. I was interested that translations of Tajik (Tadzhik) and Farsi numbers had been made.

The query as to whom the transmissions are intended for, or where the target is assumed to be, is a complicated one, as there is an extensive mixture of languages used in the area. The following is an approximate breakdown of languages by country:

AFGHANISTAN: Pashtu (Pushtu) 35% Dari Persian 50% Turkic Languages (primarily Uzbek & Turkmen) 11% 30 minor languages (primarily Balochi & Pashai) 4% Tadzhik in the North ?% In addition there is much bilingualism.

KYRGYZSTAN: Kirghiz (Kyrgyz) Russian In May 2000 the Kyrgyzstani legislature made Russian an official language equal in status to Kirghiz.

TURKMENISTAN: Turkmen 72% (official) Russian 12% Uzbek 9% Other 7% TAJIKISTAN (TADZHIKISTAN): Tajik (Tadzhik) official. A form of Persian (Farsi). Russian used widely in Government & business. (See also NL5,

pages 9/10)

Population consists approx: 59% Tadjiks, 23% Uzbeks, 10% Russian.

UZBEKISTAN: Uzbek, a Turkik language. Other minority languages as occurring in the other states. To complicate matters there are substantial numbers of Uzbeks in Tadjikistan and substantial numbers of Tadjiks living in Kyrgystan.

Perhaps the Spooks contributor who supplied the translations would be kind enough to supply the translations of the Ordinal Numbers for Tajik & Farsi. They must be very similar, as both these languages are described as forms of Persian.

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Professor Bill Tutte

In May 1941 Bill Tutte went to Bletchley Park having previously trained at the Code and Cipher School, London. One of 8000 persons he helped to process 10000 German ciphers daily. The German Army ciphers were more resistant to analysis than the other versions used by the German Navy and Airforce. With this in mind it was necessary to read a higher level machine cipher which used a 32-letter alphabet based on the Baudot Teleprinter code.

This code was produced by a Lorenz machine [Codenamed 'Tunny'], whilst the cipher was referred to as 'Fish'; its German name believed to be 'Sagefisch' or 'Sawfish'.

The first 'Fish' traffic intercepted was via a German Army link between Athens and Vienna. Thanks to a mistake made by a German radio-operator two long cipher messages circa 4000 characters were intercepted, each with the same 12 letter indicator. The messages differed in other ways, longer spacing between words and differing punctuation.

Using just those two messages Bill Tutte worked for four months; writing out sequences by hand and making calculations, he managed to deduce the inner workings of the Lorenz machine.

A wheel of 41 sprockets, another with 31! With others he was able to arrive at the conclusion that the Lorenz machine had 12 rotors and was able to determine the paths of their interconnections. He had, of course, never seen a Lorenz machine.

Bill Tutte was also involved in the creation of algorithms to break the codes that the Lorenz machines produced until 1943 when the enemy took further precaution against deciphering. As a result of this event Colossus, the world's first electronic computer, was designed and built by British Post Office engineers led by Tommy Flowers. Bill Tutte's algorithm's developed with two others, Max Newman and Ralph Tester could only be used on machines and Colossus used these algorithms to break the Lorenz codes. In this way intelligence suggesting Hitler's intentions was gained prior to the D-Day invasions in 1944.

William Thomas Tutte born in Newmarket, Suffolk was educated at Cambridge gaining a Degree in Chemistry.

Whilst at University he worked on 'squaring the square'; dividing a square into a number of unequal smaller squares, eventually publishing a paper describing a solution. Bill Tutte suggested that was the reason for him being asked to go to Bletchley Park.

Professor Bill Tutte, OC, FRS, born 14th May 1917 died 2nd May 2002 aged 84.

New NATO Communications Base?

Property Week says that a greenfield site is the subject of first refusal by Marconi for its now HQ. However with its debts and low shares the plans [£250m] for this site has been shelved for the foreseeable future. The site was originally a Coventry airfield [at Ansty] but NATO is reported as considering the area for a 1m sq.ft development away from electrical pylons 'which disturb communications' and has been involved in 'secret' talks with developers and planning authorities. [Txn E, excellent info].

Female Head of MI5

The current Deputy Director General of MI5 who was short-listed amongst four names to replace the Sir Stephen Lander has had her appointment approved. Miss Eliza Manningham-Buller will take over in October. This will be the second woman to head the Security Service, the previous lady being Dame Stella Rimmington. The heads of the other Intelligence services are men; Chief of SIS [MI6] is Sir Richard Dearlove and the Director of GCHQ is Francis Richards.

Squadron Leader John Mott, who flew clandestine missions for SOE.

Squadron Leader John Mott who joined the RAF Volunteer Reserve 1938 served in the RAF until 1959. During that time he became a bomber pilot in 1941 and was shot down over Brittany. Thanks to the help of an 'anti-Boche' couple he was able to evade capture as well as learning French and assisting the local French Resistance with communications with London. AS the result of a possible compromisation from a captured airamn who was being interrogated by the Gestapo he returned tp London via Spain and Gibraltar. After being debriefed John Mott was posted to 138 Sqdn, later 161 designated to SOE. He flew Lysander aircraft to drop and pick up agents in occupied France.

As the result of a particularly boggy landing field he abandoned his Lysander on 28/05/42. He eventually fell into the hands of the Vichy Police. After a series of hair raising and life threatening events he eventually escaped reaching Allied troops at Porto San Giorgio on 19/03/44.

Squadron Leader John Mott passed away on 9th May, 2002 aged 85.

The full obituary can be read in Friday 31st May, 2002 issue of the Daily Telegraph.

Ephraim Halevy may resign

The head of Mossad, Ephraim Halevy 67, may resign over a split with Ariel Sharon. This split is believed to have been caused by the inability and strategy of Israel to defeat the Palestinian uprising.

Joint Sovereignty for Gibraltar?

Whilst the newspapers report this question of Joint Sovereignty for Gibraltar and the opposition of Gib's 30000 people who wish to remain British subjects, this interesting little snippet appeared in 'The Times' 10th May:

"The Rock is home to a sensitive signals unit that plays an important role in monitoring the region....."

Gibraltar was ceded to Great Britain in 1714.

Interestingly, it was reported that the military assets would remain under total British control irrespective of the outcome of any talks with Spain. The Spanish government has been pushing for 'joint use' in much the same way it enjoys with the US at Moron and Rota.

Bailiffs at Lourdes?

The Soviet-built ELINT and SIGINT facility base at Lourdes, Cuba has been offered to the Chinese government for its operations against the United States. The USSR leaving Cuba with unpaid debts from Russia has closed the 26 square-mile facility, the largest outside Russia. In response to this apparent Russian debt Cuba has reportedly seized some of the eavesdropping technology from the Russians prior to its return to Russia.

Israeli Underground?

Two Jewish fundamentalist settlers are alleged to have been trying to construct a Israeli 'underground' and were arrested by Shin Bet. As a result Israeli police and security dervices are investigating the possibilty of a worldwide religous war being started.

British reporter 'treated well' in Pakistani gaol

Amardeep Bassey, a British reporter being held in a Pakistani jail amid allegations of spying has told his editor he is being well treated. He is being held in Landi Kotal prison near Peshawar because his visa did not have an exit stamp. Mr Bassey is the investigations editor of the Birmingham-based 'Sunday Mercury' and had been travelling from Kabul to Pakistan when he was detained.

BOWMAN on its way

The first high frequency (HF) radio prototype systems have been recently shipped to General Dynamics by the Harris Corporation for integration into the UK's BOWMAN Tactical Radio Programme. The radio prototype systems are expected to roll-out mid 2003.

Plane Spotters to appeal.

The plane spotters who suffered the indignity of Greek Justice have met Jack Straw to discuss the chances of an appeal.

New Israeli satellite

OFEK-5 is a new Israeli satellite expected to be able to monitor the near Arab States has been launched.

EyeSpy! Magazine, Issue 09.

Some interesting articles on the subject of Intelligence and features a piece on Echelon and another on Spy Satellites [The History and Purpose of Corona, Argon and Lanyard].
Well worth a read.

EyeSpy! Magazine, Issue 10.

A host of interesting articles, and in particular, Numbers Up, by E2k's Harry Palmer, is about DIA spy Ana Belen Montes.

'Spooks' BBC1, Monday nights
[unless programming suffers the indignity of World Football]

Despite assurances from the BBC and others that this program is near to reality the viewer cannot but realise that they have been drawn into a rather up-market production [the entrance doors do look like those at Thames House] with fantastic story lines and larger than life characters. So far our heroes have: sent PLondon to sleep during the first episode; been reduced in number as a female administrator had various bits of her body deep-fried [attracting complaints about the amount of violence].

Another hero, 'Tinkering Tom', suffering from a gunshot wound [only skin deep of course] had to own up to 'being a Spy for HM Govt' to his common law wife and her child - all that in between mobile calls where he 'goes for a drink'! Another female operative readily admits, "I am an employee of Her Majesty's Secret Service" during a hostage situation at the Turkish Embassy. Of course her lipstick with the designer label 'HNO3', that's Nitric acid to the less scientific of you, a full set of lock-picks and a mobile telephone with a camera attached [yes they do exist, as 2M transceiver, having been advertised in PW] probably gave the game away.

Then we are treated to an insight of the financial indiscretions by some of HM's employees being covered up by the service. Credit Card fraud and deception on payments to non-existent 'sources' are suggested. If it were for real these persons would end up in Court and no doubt the subsequent proceedings becoming test cases for the Theft Act!

For me the best moment was the MI6 linkman's [Jools Sivitar - what a handle] remarks to a female whilst at a Wagner recital, concerning skinheads, and his later remark about the Valkyries being clad in SCUBA suits!

Surprisingly the story lines in the episodes screened 04/06 and 18/06 featured the theft/use of a 'Dead Ground' Map outlining all the National Secret bases and sites, which if sabotaged would cause real problems. The Times 06/06 carried an opening story concerning the identification of 300 like sites that may be of interest to Al-Qaeda terrorists. [Pure coincidence or something more sinister]? It is a watchable series, if only to see Jenny Agutter, but it is obviously total fantasy. Or is it?

[If one can believe some of the stories in the press it appears that MI5 has enjoyed a massive interest in employment with them and has suffered excessive application as a result of the airing of 'Spooks'. Well we can all dream, can't we]? Perhaps the apparent blowing up of 'Tinkering Tom' by a semtex loaded laptop will put all these sad 'wannabees' off. It is right to mention that 'Tinkering Tom', or was that Matthew, had better security around his house than Thames House itself! Swipe card entry indeed!! At least the laptop wasn't left at Rabato's Tapas Bar.

With another series promised next year perhaps we'll find that TT survived whilst his locked in lover Ellie and child Maisie [also known as 'Cupcake' - hastily whispered in your ear] didn't. And what of Ellie's estranged husband who was last seen in detention [did PACE apply there?] after persuading a Traffic sergeant to misuse the PNC to do a vehicle check on the now late[?] 'Tinkering Tom'?

Incidentally if you had wanted to cancel a cab from 'Sunny Cabs' and rung 08705 100 179; you would have been surprised.

With the end of the current series that too has ended with, 'The number you have dialled has not been recognised.'

Advanced passive radar system sold to Iraq

Whilst not known fully it appears that the Kolchuga passive radar system [the early warning and targeting system that consists of four stations] has been sold to Iraq.

This passive radar system is manufactured by Topaz of the Ukraine. Iraq officials apparently used the services of an unknown Jordanian to broker the deal and it is rumoured that up to 100 Million dollars have been offered up front. Kolchuga, which takes its name from the ancient Russian warrior body armour, can identify, detect and lock anti-aircraft missiles on aerial targets at a range of near to 500 miles. It can override 'stealth' technology whilst being capable of detecting ground targets at 370 miles.

Covert Action launched by US against Saddam Hussein

According to recent news reports in British newspapers and via Radio and TV news reports Mr Bush has issued orders to the CIA to capture [or kill!] Saddam Hussein in a covert mission. This secret plan, sanctioned by George Bush, has authorised the use of 'all possible tools' to capture the Iraqi leader.

How can this be secret if the rest of the world knows about it? This rings of the US marines coming ashore, in covert fashion, only to be met by the glare of floodlights of the world's news teams cameras in Somalia a few years ago! Will Mr Blair be swayed to supply British troops to do the job for Mr Bush?

Iraqi envoy expelled for spying.

Abdul Rahman Saad was asked to leave the United Nations by the end of June for 'activities incompatible with his diplomatic status'. In other words - spying. Mr Saad has apparently approached several American diplomatic and UN workers asking them to contribute to Iraqi intelligence operations.

Mark Thomas's Map of Secret Britain

An excellent round the country exposé of secret sites and trivia. The use of number station sound was good too. E03, E10 and Papa November made an appearance. We were also treated to an explanation of the 'Works Traffic Only' notice just past junc 8, eastbound, on the M4. It is the entrance to/from an American Arms dump, he says. The expected repeat is worth a look if you missed it first time around. MT's action in trying to get into a facility at Corsham was humorous and interesting. It was a stark reminder that even in these less threatened days, than those of the Cold War, HM Government still sees the need to protect itself in a bunker, whilst the taxpayer, who funded these sites, will be left to their own devices.

RIP Act yet again

London Metro headlines, 10/06, upset the occupants of the 0607 to Victoria with its front page 'New threat to e-mail privacy' headline. The line that prompted discussion was, 'Privacy campaigners say it will make Britain 'the most spied on country in Britain'.

Page 11 of the 'Times' summed the whole matter up when it discussed the piece in *The Observer* newspaper from the Sunday previous. It read, "There was more to delight conspiracy theorists. "Millions of personal e-mails, other internet information and telephone records are to be made accessible to the police and intelligence services in a move that has been denounced by critics as one of the most wide-ranging extensions of state power over private information," *The Observer* discovered.'

What astounded this commuter was the remark from the bloke sitting opposite who chirpily said, "Forget the media hype and the b*ll*cks surrounding this; what I want to know is how's it done!" Don't we all!

Incidentally, the *Observer* article was entitled 'Police to spy on all emails'. The BBC news site however put a totally different perspective on the whole matter by listing those destined to have access to our private comms as: Local authorities [Any local authority in England and Wales, Local councils, District Councils, Fire authorities. Common Services Agency of the Scottish Health Service, Central Services Agency for the Northern Ireland's Health and Social Services, Government departments of Environment, Food and Rural Affairs. Health, Home Office, Trade and Industry, Transport, Local Government and the Regions, Work and Pensions, Enterprise, Trade and Investment for Northern Ireland, Environment Agency, Financial Services Authority, Food Standards Agency, Health and Safety Executive, Information Commissioner, Office of Fair Trading, Postal Services Commission, Scottish Drug Enforcement Agency, Scottish Environment

Protection Agency, UK Atomic Energy Authority Constabulary , and, finally New postal service providers. [Tnx Jmm].

In usual manner HM Govt announced a few days later, after no doubt having been testing the water with the earlier release, that they would delay the new powers to 'build in extra privacy safeguards'. [LOB!]

Metro 24/06 Page 6 had a headline 'Why your passwords aren't secret after all'. It then outlined how computer users put themselves at risk to internet fraud by using the names of children and pets as passwords. Nothing new there, but the sub-heading below, 'E-spies target 100,000' lead to a more interesting piece. According to the Metro writer Jenny Parks up to 100,000 e-mail users are secretly spied on by police and security services each year. She says that about 1500 investigations are backed up by a warrant signed by the Home Secretary. Officials, she writes, can order Internet service providers to hand over information on anyone suspected of theft, fraud, paedophilia or threatening national security. What is interesting is that without a warrant the data received by the investigating body shows only details of the sender and recipient and the date and time the email was sent.

Ms Parks concluded her piece with the fact that 1476 warrants were issued in the year 2000, BUT informs us Internet companies are receiving more than 400 requests for information a day.

Noticed in Diplomatic Service and Overseas List of the Queen's birthday honours.

Order of St Michael and St George
KCMG: Francis Neville Richards, Director, GCHQ

RELEVANT WEB SITES

Recommended URL by Jmm, an excellent and informative read!:

<http://www.cvni.net/~mwolf/polygraph/federal-polygraph-handbook.pdf>

A particularly strange site if you read more than just the Radio stuff. [Wonder if FBI know about this?]:

<http://ruckus.org/man/comms/index.html>

and the release of files from MI5:

<http://www.pro.gov.uk/releases/may2002-mi5/list.htm>

http://www.europarl.eu.int/tempcom/echelon/pdf/prechelon_en.pdf

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

<http://www.insightmag.com/news/254144.html>

<http://www.eyespymag.com>

<http://www.thameshouse.net>

REQUESTS

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

We would be interested to hear from anyone who served with 367SU at LSW.

Please make your requests or replies via **e2k_news@hotmail.com** or 076 2627 6417 pager.

STOP PRESS

Swinging Radio England has recently issued notification stating that it has made the decision to stay off the air permanently. No more Hancock, Navy Lark, Goons or Whacko! Some people's weekend will never be the same.

Peruvian Spy Case jailing: Vladimiro Montesinos jailed for 9 years 4 months for illegally taking control of National Intelligence Service whilst an adviser to the spy agency.

A Bell [XPH] pse contact e2k via pager or e-mail and leave time/contact details. [Tnx]
E: Pse send ABM article with updates, will run. Tnx for pkgs.15/05 es 24/06

CONTRIBUTION DEADLINES FOR 2002 ARE AS FOLLOWS:

Issue 12 Sep 22
Issue 13 Nov 22
Issue 14 Jan 21

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'.

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