

ENIGMA 2000 NEWSLETTER

Articles, news reports and Items of interest:

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Issue 6

Welcome all, to Issue 6 of the E2k newsletter. This month is the first anniversary of ENIGMA 2000 being set up, HAPPY BIRTHDAY TO US.

Again the past 2 months have seen a great amount of activity with more of our monitors sending in very comprehensive and detailed loggings. Your editors have been more than busy.

A warm welcome is extended to those who have asked to become monitors of specific stations or frequency bands and to whom "watch lists" have now been issued. We look forward to your future input to the Newsletter.

The CONTROL LIST Issue 12 will be posted onto our Website early September, together with other additions.

Station News (see individual entries for further details, where available)

XPH New Monday sked at 0720Z identified
E06 Being heard on 6900kHz in Asia
E07 New Friday sked at 0510/0530Z identified
E10 New "young" voice reported on EZI, and an ODD "Victor Charlie Delta" announcement by PCD (these have been reported, very rarely, in the past)
E11 New sked ?, 1230Z, Fri 10 Aug.
E25 May still be with us, possibly heard 0940Z, Fri 10 Aug.

V22 Heard again, re-activated on CONTROL LIST
M53 Heard again, re-activated on CONTROL LIST

V24 NEW Korean station added to CONTROL LIST
XJT NEW station(the Jet) added to CONTROL LIST
XBS NEW station (Buzzsaw)added to CONTROL LIST

Look for V24 South Korean station and V25, New Chinese station added to CONTROL LIST.
[Thanks Takashi].

SELECTED MORSE STATIONS

5680

The station that was documented in Issue 5 has apparently been logged since 1993 onwards. It once had a fixed daytime schedule which now seems to have ceased. Nowadays it appears to come on randomly, in both time and frequency.

M01 Hand sent and using short zero. On regular schedule.
4905kHz 2000Z 28/06 [025-214/40=7146n no EoM transm].

M03

Usually ICW, sent at about 17wpm but one slow [8wpm]. The speeds vary between 17 and 8 WPM . Some of the null calls are in MCW. The slow one has not been on Mondays and Tuesdays at 0800 and 0900 for a very long time. That ID, 508 is on at present on Tuesday at 0745 on 10250.

We have been informed that the 6905kHz 2000Z 10/04 documented in Issue 4 with ID 121 is a special ID that can come on at any time. [Thanks Anon of UK].

5520kHz 0800Z 12/07 [017/00]
7256kHz 1630Z 22/06 [287/00]

M08

AnonUK sent these interesting observations in:

9113kHz 0800Z 12/07 [UMTTA TIDRD UDGUD]
 11433kHz 0800Z 12/07 [RUMAW DTANA MUAGA] (Unusual 5 as last figure, first group)
 and these from Mark Slaten via 'Spooks' who converted the cut figs and noticed the same!
 9113kHz 0800Z 12/07 [49001 07363 43843]
 11432kHz 0800Z 12/07 [64915 30121 94181 (note "5" ending first gr)]

M08a

An interesting anomaly occurred in the early hours of 22/06. As reported by Mark Slaten via 'Spooks':
 4027kHz 0300Z 22/06 [46304 59782 50923 (stops at 0301Z QSY to 5758kHz)]
 5758kHz 0301Z 22/06 [46304 59782 50923 (stops at 0303z QSY back to 4027kHz)]
 4027kHz 0303Z 22/06 [in progress from 5758kHz]

Seemed as though the operator had his frequencies mixed up, or perhaps a little confused himself?

On another occasion, 13/07, John Maky US reports anomalous behaviour concerning M08a and V02a

Mark Slaten US remarked that the 29/07 9052kHz 0510Z transmission was up late due to transmitter going up and down. [Seems to be a general malady at moment, see XPH]

Regarding M08a, Takashi has this to say from Nagasaki: M08a, The Cuban Cut CW numbers, can be heard a lot from 0700z to 1300z (From East Asian evening to night). Occasionally two different M08a transmissions can be heard simultaneously on the different freq. Trying a lot, I've never heard this one before 0700z. Where is this M08a transmitting from in Cuba?

4016kHz 0400Z 21/06 [35511 25782 49573]
 4027kHz 0300Z 13/07 [UURDN ID_MA NGM_N]
 5116kHz 0200Z 13/07 [UURDN] See V02a
 5419kHz 0300Z 21/06 [35511 25782 49573]
 7526kHz 2200Z 24/07 [UDNWA UIDTD NWIRN]
 7863kHz 0800Z 16/08 [51652 09181 64981]
 7976kHz 0800Z 24/06
 8010kHz 0800Z 22/06 [94773 62181 09251] 2230Z 02/07 [23442]
 8135kHz 2300Z 24/07 [UDNWA UIDTD NWIRN] 2300Z09/08[80122 88783 53473]
 9052kHz 0510Z 29/07
 9062kHz 0500Z 15/07 [74093 69322 01591]
 9239kHz 1100Z 15/07 [07281 54563 01592]
 9330kHz 0715Z 16/08 then 0700Z 17/08 150grps R3 ends 0737Z
 10120kHz 0517Z 18/07
 10235kHz 0400Z 15/07 [74093 69322 01591]
 10236kHz 0800Z 24/06 [49353 09881 79491]
 10446kHz 0800Z 18/06 [27881 ----- 56722 (in progress)]
 11432kHz 0800Z 16/08 [96801 04622 88642]

M10

8190kHz 0210Z 30/06 [555x3 275x3 24 450x3 18 (R5)]
 0210Z 01/07 [555x3 275x3 24 450x3 18 (R5)]
 0210Z 05/07 [555x3 275x3 21 450x3 31 (R5)]
 0210Z 14/07 [555x3 186x3 25 450x3 31 (R5)]//7845

Apart from the 0210Z 8190kHz slot AnonUK has found M10 to be extremely busy with many transmissions each day and sent these examples to us:

0725Z on 5383kHz [799 476] [988 24]

0800Z on 5737kHz [708] [708 30]

1500Z on 14562kHz [853]

1630Z on 5861kHz [571 275 049 435]

1700Z on 6780kHz [708] [708 30]

1720Z on 11416kHz [185 or 275 450] [186 25 450 31]

1900Z on 5948kHz [708 30] Source remarks ' Must be an important message for 708, 3 repeats!'

2100Z on 4782kHz [619 32 071 17]

The 1720Z and 2100Z transmissions have been on daily for some weeks now.

The 5737kHz transmission was as follows:

5737kHz 0800Z 12/07 [555x3 708x3 30]

AnonUK observed that other transmissions probably exist too. Pse notify E2k if you are aware of them.

Mark Slaten [US] found 0410Z 8112kHz where the 0210Z 14/07 transmission was repeated 15/07.

LP remarks "9330kHz is allocated to, and used by BC stn WBCQ Montecello, Maine, USA.

M10E

July's transmission was heard as:

5020kHz 0900Z 02/07 continuing until [and including] 06/07

This schedule is reflected in S10E

M12

Logs in numerical order:

Again we thank Peter of Saffron Walden for his splendid analysis of this station along with Peter's log.

Peter writes: "M12 cw remains busy, although the late Friday evening schedule has changed for the July. The earlier evening schedules of 8084, 6856 and 5788kHz remain as for the last few months except for the schedule which operates on Mondays and Thursdays starting at 1700Z with call 462. Here, the first sending has shifted from 8084kHz to 8064kHz. I assume this is because M12's owners realised that the first sending was being flattened by an E05 transmission at 1700Z on 8085kHz. All well and good, except that E05 has now gone!"

Onto Peter's excellent log of this station:

184 were strong signals with key clicks and were sent on the following frequencies and times:

13444kHz	14878kHz	16174kHz	dk/gc
2051Z 01/06	2031Z 01/06		262 61 x2
2050Z 05/06	2030Z 05/06		617 229x2 longer than usual message
2030Z 08/07	2050Z 08/06	2011Z 08/06	617 229x2
	2030Z 15/06	2010Z 15/06	754 251x2 long msg
2050Z 19/06		2010Z 19/06	754 251x2 long msg
		2010Z 26/06	477 231x2 v.strong sigs no key clicks
	2030Z 22/06	2010Z 22/06	184 184 184 000 v strong clean sigs
2030Z 26/06	2030Z 26/06	2010Z 26/06	477 231x2
2050Z 29/06	2030Z 29/06	2010Z 29/06	477 231x2

184 not heard in July

462 produced some weak endings:

5788kHz	6856kHz	8084kHz	dk/gc
1740Z 01/06	1720Z 01/06	1700Z 01/06	2376 145x2
1740Z 07/06	1720Z 07/06		5073 144x2 [5788kHz very weak]
1740Z 08/06	1720Z 08/06	1700Z 08/06	3176 139x2 strong sigs key clicks
1740Z 18/06	1720Z 18/06	1700Z 18/06*	6429 142 [6856k strongest signal]
1740Z 22/06	1720Z 22/06	[1707Z 22/06 vy weak]	4826 141x2 weak barely readable
1740Z 29/06 wk	1720Z 29/06		3018 145x2

*Uses 8064kHz in anticipation of E05 using 8084kHz. That schedule since defunct.

505 messages as follows:

16032kHz	17532kHz	dk/gc
0720Z 10/06		505 505 505 000
0720Z 17/06		505 505 505 000
0720Z 24/06	0741Z 24/06	148 205x2 17532k stronger sig, S9+
0721Z 01/07		
0720Z 08/07	0740Z 08/07	5907 59x2 BC QRM to 17M freq

731 produced some clean strong sigs:

12123kHz	14364kHz	15726kHz	dk/gc
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	2040Z 01/06	2020Z 01/06	731 731 731 000
	2040Z 05/06	2020Z 05/06	9816 48x2 strong sigs,
	2040Z 08/06	2020Z 08/06	9816 48x2 v strong clean sigs
2100Z 19/06	2040Z 19/06		6712 67x2 strong clean sigs
2100Z 22/06	2040Z 22/06	2020Z 22/06	6712 67x2
	2040Z 26/06	2020Z 26/06	731 731 731 000
		2020Z 29/06	731 731 731 000 v strong, no clicks

731 not heard in July.

Another M12 was heard calling 510 510 510 000 on 12147kHz 2121Z 19/06 as well as on 26/07. Not around Friday nights. 13534kHz 2100Z 26/06 saw M12 over riding an E10 YL calling EZI a Khz lower.

M13

Sent in ICW and constantly changes times and frequencies, usually between 3.8 and 12MHz. Sent circa 9wpm usually very strong in UK. If you are observing M13 please offer us your log in exchange for the next months expected freqs.

Anon of UK made this interesting remark about M13, "Since 1st July started using hand sent morse, I have never in the 5 years I have logged it, heard it hand sent before. I wonder why, perhaps the machine has broken and they cannot afford to repair it.

7722kHz	0300Z	05/07 [254 (R5) BT 212 20 BT]
10371kHz	2000Z	06/08 [517 (R5) (Heavy RTTY blocking M13)]
11054kHz	2000Z	02/07 [517 (R5)] wk 16/07 [517 (R5) BT 207 34 BT (vy weak signal)]
11612kHz	2000Z	19/06 [517 (R5) BT 2.. .3 BT]
12884kHz	2000Z	05/07 [253 (R5) (too weak for copy)]
12325kHz	2000Z	17/06 [261 (R5) BT 244 21 BT]
12752kHz	2000Z	13/07 [714 (R5) BT 202 22 BT] 2000Z 26/07 [714 (R5) BT 202 22 BT]
13157kHz	2000Z	28/06 [714 (R5) BT 201 21 BT]

Anon of UK also mentions, "There is one M13 ID that I cannot list, 123, as it does not have any set times or frequencies. If anyone hears it at all I would like to know. The only logs I have of it are:

Sunday	2 May 1999	Time 2000Z	Message 114 124	Groups	Frequency 5315kHz
Friday	7 May 1999	Time 2000Z	Message 115 60	Groups	Frequency 5315kHz
Thursday	2 June 2000	Time 2000Z	Message 134 52	Groups	Frequency 5422kHz
Monday	2 April 2001	Time 0800Z	Message 143 138	Groups	Frequency 9998kHz

Please send details of hearing this station via E2k using the usual methods. Thanks AnonUK."

M14

Transmits on the first and third Friday of the month, ICW, MCW and machine sent.

Peter of Saffron Walden notes:

11425kHz 1900Z 06/07 [256 256 256 00000]

"As expected the first Friday of the month brings the M14 MCW. A very strong signal, carrier was on at 1847Z."

10635kHz 2000Z 06/07 repeat of 1900Z transmission.

"Second sending of 1900Z transmission, even stronger than the first sending. When I tuned across 10635kHz later the carrier was still on, finally going QRT at 2042Z.

M14A

There is a regular M14A transmission every Friday at 1900Z on around 4620kHz.

M16

ICW auto, usually VVVx3 8BY followed by 3 fig each group separated by (/).

Occasionally hand sent.

7668, 12075, 12169, 12283, 14433, 14925, 14931, 18415, 20946kHz

10248kHz 2150Z 28/07 [161/195/682/353/429] //14931kHz
14931kHz 2150Z 28/07 [161/195/682/353/429] //10248kHz

M18

Of this station Takashi of Nagasaki writes, 'Unable to hear M18 on 4073kHz at all for more than two months.'
Certainly looks as though that is the flavour for this one world wide, with no reports coming in.

M21

Russian Air Defense, can be heard still on 4560 and 6330kHz in dirty CW during the East Asian evening. Sending "BT991303??8?????" at 0906z. UTC+4hrs. Moscow time? Unbelievable! Its time isn't accurate.[Takashi of Nagasaki].

M22

4XZ reported by LP as:
10047kHz 2143Z 08/06 [VVV de 4XZ R3 BT BT] strong sigs.

M23

Has been heard at 2000Z on 5155kHz sending 123

As well as:

8307kHz 0800Z 12/07 [579 R10 // 9285kHz]
9210kHz 0300Z 15/07 [111 (R10) (stops-null sked)]

M24

These 30 to 40wpm transmissions continue:

7304kHz 0831Z 14/08 [528 (R4) 704x2 199x2 BTx2]
8157kHz 0830Z 03/07 [469 (R4) 753x2 111x2 BTx2]
9360kHz 0830Z 26/06 [937 (R4) 201x2 63x2 BTx2]
9362kHz 0830Z 20/06 [937 (R4) 408x2 173x2 BTx2]
9369kHz 0830Z 19/06 [937 (R4) 408x2 173x2 BTx2]
9418kHz 0800Z 14/08 [528 (R4) 704x2 199x2 BTx2]
10443kHz 0800Z 03/07 [469 (R4) 753x2 111x2 BTx2]
11636kHz 0800Z 26/06 [937 (R4) 201x2 63x2 BTx2]
12184kHz 0030Z 27/06 [675 (R4) 940x2 165x2 BTx2]
2148Z 01/07 [652 (R4) 831x2 249x2 BTx2]
12228kHz 2310Z 21/06 [374 (R4) 268x2 195x2 BTx2]
2230Z 02/07 [374 (R4) 502x2 191x2 BTx2 rpt28/06]
2230Z 12/07 [374 (R4) 690x2 113x2 BTx2]
13531kHz 0033Z 12/07 [843 (R4) 250x2 197x2 BTx2]
13838kHz 2230Z 09/08 [289 (R4) 374x2 196x2 BTx2]
13852kHz 0031Z 28/06 [715 (R4) 302x2 171x2 BTx2]
13952kHz 0039Z 21/06 [715 (R4) 860x2 237x2 BTx2]
14514kHz 0030Z 14/08 [375 (R4) 468x2 119x2 BTx2]
14532kHz 0000Z 12/07 [675x3 00000 (R4)]
14578kHz 2200Z 12/07 [374 (R4) 690x2 113x2 BTx2] rpt 12228kHz 2230Z 12/07
14843kHz 2110Z 14/07 [652x3 00000 (R4)]
15672kHz 0000Z 09/08 [496x3 00000 (R4) (null sked)]
16023kHz 0000Z 05/07 [843 (R4) 796x2 115x2 BTx2]rpt 13531kHz 0030Z
0000Z 12/07 [843 (R4) 250x2 197x2 BTx2]
16218kHz 2200Z 06/08 [289x3 00000 (null sked)] 09/08 [289 (R4) 374x2 196x2 BTx2]
0000Z 14/08 [375 (R4) 468x2 119x2 BTx2]
17544kHz 0000Z 26/06 [407x3 00000 (R4)]

M29

ICW in three formats, freqs around 3 to 6MHz with speed of 12wpm

5650kHz 0600Z 17/07 [15 33 16 0800=88784]
1200Z 17/07 [15 33 16 0800=88784]

5660kHz 0630Z 03/07
5750kHz 0630Z 17/07 [15 33 16 0800=88784]
1230Z 17/07 [15 33 16 0800=88784]

6630kHz 0600Z 17/07 [73 35 3 0800=87467]
6730kHz 0630Z 17/07 [73 35 3 0800=87467]

Anon of UK contacted us to suggest these times and freqs where he has heard weak signals on a Monday:

5310kHz 0800Z
5410kHz 0830Z

heard active in the past up to 9th October, 2000.

M40

One heard in the UK is on at 1700Z on 12300kHz, and 1730Z on 16100kHz[CQ 515].

Not on every day. 2000Z on 10642kHz [CQ 747]

This station changes its frequencies in March, May, Sept and Nov.

Anon of UK makes this helpful comment on receiving M40 in GB: "In the last NL you mentioned some frequencies for M40. I don't think that any of those are audible in the UK. It is still active but not every day. The frequencies that I can hear are:

1700Z 12300kHz CQ 515

1730Z 16100kHz CQ 515

2000Z 10620kHz CQ 747"

Thanks Anon of UK most helpful.

In addition to the above Takashi makes this most valid comment, 'Although the North Korean AM numbers went QRT completely last year, M40 and M82, North Korean CW numbers, can be heard occasionally.'

M45

5074kHz 1702Z 28/07 [074-614/38=30487] 5474kHz NRH

M50

A new designation of M50a has been registered. This variant sends 20 group messages.

Anon of UK writes:

M50A is on at 1930Z on 5372kHz. It is not always on every night. It was on last night

(Wednesday 11/07), again the sending was awful.

They sent a message of 40 groups, without a space in the whole message. Also as the sending was so bad I could only make out about 50% of the figures. I am sure no one could make any sense out of it, so I wonder what the purpose of it is. If it was for training, surely things should improve. The M50 I heard 4 years ago, the sending never improved at all, yet all the M1 M1B and M45 ops are very good

M53 Renumbered M40.

M83

5031kHz 0800Z 12/07 [L8KT DE LPWP QTC 11 20 12 1000]

MX

We last mentioned that this series of SLHFM's have been heard world wide and reported as such on these frequencies: 3195kHz R, 3594kHz, 3658kHz V, 4558kHz F&M, 4878kHz V, 5466kHz R, 7039kHz F&M, 8495kHz Unid.

John Maky noticed the strange 'CHH' being sent and asks if anyone has any ideas about that.

10872kHz 0235Z 13/07 [SLHFM "S" and "CHH"]

16332kHz 0235Z 13/07 [SLHFM "S" and "CHH"]

Although John monitored this transmission two days later, and some 4 hours earlier, note absence of 'CHH':

16332kHz 2210Z 15/07 [SLHFM "S"]

'C' Marker heard at 2113Z on 15/07 on the following frequencies:

5154kHz, 7039kHz, 8495kHz, 10872kHz, 13528kHz and 16332kHz
[This info from Ary Boender]

Takashi in Nagasaki sends the following interesting observations: The irregular letters transmissions in CW such as "FFUFRSURUFUFUSUFFIIUAF" have been heard a lot on 3594, 5154, 8495, 10528 and 13528kHz since the beginning of this July. Unable to hear usual "F" and "M" on these freq. Are these are coming from Vladivostok and suffering malfunctioning?

K ", very slow keying CW with a distinctive hum, has been occasionally heard on 5154, 10528 and 13528kHz. Unable to confirm 4558 and 7039kHz because of heavy QRM from North Korean clandestine (4557kHz) plus South Korean jamming and Hams.

We acknowledge the use of 'Spooks' in the production of this column.

SELECTED VOICE STATIONS

SEDA YE MOJAHED (Voice Of Mojahed).

It is unclear if this station is a direct relation of the more famous broadcast station. Our particular VoM operates on 8600 10080 & 12450. The Clandestine broadcaster uses a wide variety of frequencies below 9 MHz in general, jumping around rapidly to avoid jamming, while VoM Two sits on 7072 kHz most of the European evening. VoM Two is heavily jammed - causing untold misery to the 7MHz Amateur band, despite protests to Iraq (the broadcaster) and Iran (the jammer).

Our particular station is now generally felt not to be a clandestine but a 'numbers' type transmission. It was very active up until late April when transmissions seemed to become more erratic. On April 24th it turned up on 10090 instead of 10080. This failed to fool the jammers who soon spotted it had moved, a decoy carrier was then set up on normal 10080, it did not send anything but was jammed also, which shows the dedication of those trying to block the signal. It is suggested that the station is sending anti-Taliban information in the form of phrases, and some mention as been made elsewhere that these may be aimed (as suggested in ENIGMA) against the Afghanistan regime (motto "No Fun Allowed").

Although transmissions seem to have tailed off they may of course return at any moment. Another frequency worth watching is 10254, this often contains a steady carrier in the European evenings, but is attacked by two different jammers at the same time (despite the fact that nothing can be heard in the North of the UK).

Rob of Essex has answered the call for holiday logs and has also sent a short account which will appear in Issue 7. From Greece Rob managed to hear the following [in date order]:

19/05	1600Z	11545kHz	E03	'Good signals from Cyprus'
21/05	0600Z	10650kHz	E10 YHF	
21/05	0600Z	14530kHz	E10 YHF	'Transmission stayed on 14M but not 10M'
26/05	0610Z	10528kHz	E10 SYN	'Repeating SYN'
27/05	1900Z	11075kHz	E05	'Calling 999'

Rob also noticed that a variety of jamming stations could be heard after 1400Z daily on 8350, 8390, 9310, 9320, 9325, 9340, 10280 and 10250kHz

Another station was heard in AM at 0600Z 26/05 on 26840kHz that Rob has described as a 'very strange buzz and pulse 10kHz wide and on air for 35 mins.

Rob's best catch was this unid station:

27/05 0525Z 10715kHz Rob describes this as 'Very odd, Numbers shouted as though on a parade ground. Five pronounced FIFE, Eight as Aytte. The transmission ended in four zeros, 0000 at 0610Z. Rob queries E18 but E2k is open to other ideas.

[Thanks for log Robb].

Another developing story is that surrounding the possible change of site for the E03. My own shielded loop points in the general direction of Cyprus at the date of this insert.

Takashi of Nagasaki makes this interesting point: Presumed South Korean female numbers, without ENIGMA code, are still active on 5715 or 6215kHz at H+00 or H+30 in East Asian midnight. Occasionally these are parallel. According to the BBS of the Asian Broadcasting Institute in Japan, the presumed South Korean numbers broadcast which starts with "General Kim Il-Sung's song" appears almost on 6215kHz at 1530z in 9, 10, 19, and 20th of every month. See V24 on revised ENIGMA Control List.

M of Kent reports this occurrence:

8000kHz 0600Z 17/08 YL unreadable, in noise, could discern "zero's" only. Still going 06.41 when a strong AM carrier killed sig. Previous report of V2 on this freq could be correct. Cannot confirm.

8000kHz 0315Z 18/08 There again but totally unreadable.
Any ideas folks?

Onto the logs:

E03 From M of Kent:
1900Z 05/08 6959//9251//11454kHz triplet [89730]

E03a Firstly a 'different' signal report from Down Under:
Chris ***** and "St*****" both report very high signal strengths with no fading for EO3a from Melbourne. There is a big Defence transmitter site at Diggers Rest not far outside of Melbourne. An Australian SWL magazine has carried reports that reception of this transmitter were very strong in Victoria, in the south of the continent. The magazine speculated that there might be a second transmitter not far from Melbourne and strongly hinted that the Defence site at Diggers Rest was the site in mind. [See News and Items of Interest]

Schedule: Sun to Fri, [0000Z transmission first, ends 2300Z]
Transmissions outside 1000 to 1300Z are not normally audible in Great Britain.

1000Z	20474//23461	0000Z	18864//21866
1100Z	18864//23641	0100Z	19884//21866
1200Z	18864//23461	2200Z	18864//24644
1300Z	18864//21866	2300Z	18864//21866

Takashi mentions this in his log: I heard Cherry Ripe in Jun 27th. At 1000z a powerful pulse-type jamming for a few seconds was intermittently busy on 20474kHz. Unable to hear CR at all. Suddenly she started at 1023z in progress, followed by a usual transmission until 1045z. Did someone forget to switch 20474kHz on? Parallel 23461kHz was a normal transmission. I had only ever heard such accidents twice.

CR usually takes a holiday on weekend and for 3 days at the end of every month. She is using the East Asian time.

John Maky [US] observed:

18864kHz 0000Z 05/07 [// 21866 weak]
21866kHz 0000Z 05/07 [// 18864 weak]
19884kHz 0100Z 05/07 [// 21866 rptg]
21866kHz 0100Z 05/07 [// 19884 rptg]

E05 Gert sent his June log in and confirms these transmissions:

6960kHz 2200Z 11/06 [190 gc87 97968] // 9090kHz
2200Z 27/06 [598 gc67 54785] // 9090kHz
9219kHz 2200Z 14/06 [190 gc38 97968]
12197kHz 1900Z 14/06 [466 gc212 56745]

The American accented YL continues her reduction in activity. The long standing 1700Z Monday and Thursday sendings on 8085//9219kHz have gone. They were the strongest transmissions in Cynthia's recent operating schedule. The Saturday 1400Z on 18617//19622kHz - which vanished in the first week of March, then emerged again in late April has gone again. There was no trace on 26/05 or on Saturdays since. The Monday and Thursday 1900Z USB transmissions on 7430//9219kHz also vanished in May. The data transmissions associated with E05 are still around; those heard in the month of June with strong signals include:

5314// 6880kHz 2020Z Sundays with fast FSK
10225//12229kHz 2040Z Tuesdays and Saturdays with fast FSK.
10643//12197kHz 1820Z Fridays with fast FSK
12229 kHz [// not found] 2100Z Mondays with 'Pulse Data'

In all cases the carriers are on well before transmissions begin - half an hour beforehand is not uncommon- usually with a few minutes of audio tone. Thanks PoSW

Peter also comments that six months ago there were eight separate E05 transmissions on a Saturday but now [30/06] there seems to be just 16198kHz at 1600Z and 9070kHz at 1921Z // with 13444kHz.

9090kHz 2200Z 18/07 [458, count 181]
9219kHz 2200Z 16/07 [271 Count 104]
10583kHz 2100Z 17/07 [430 Count 123], 2100Z 24/07 [rptg 034 Count 96 832/27] //11580
11580kHz 2100Z 14/07 [AM weak], 2100Z 24/07 [rptg 034 Count 96 832/27] //10538
13444kHz 1800Z 09/07 [AM vy weak]
13465kHz 1800Z 15/07 [AM rptg 900 Count 136]

John Maky and Mark Slaten both confirmed that E05/V05 transmissions have diminished but added a new dimension by adding that "Ever since last March, all E05/V05 (The Counting Station) broadcasts that seemed to be transmitted from the Warrenton Training Center have ceased. All remaining transmissions appear to be coming from Europe or the middle east, and are very weak here in the central US."

Mark went on to say " I agree with John that E05/V05 activity has drastically slowed down, but I did copy E05 on July 7, 2001 at 0316z on 9205m and I found the parallel freq at 0328z on 7620m. It was a YL/EE sending 3/2f traffic in the USB mode. That is the first time I had heard E05 in a few months, and I have not heard it since. Has anyone else heard it recently? Maybe the broadcast is being discontinued in favor of another mode of communication."

Thanks to 'Spooks' for use of the above.

'C' writes: I read on the 'Spooks' list that transmissions of E05 and V05 from Warrenton Virginia have possibly ceased in March this year. E05 traffic continues in Europe, most probably from the known site in Germany. Are traffic levels in Europe also on the slide ? Comments on this to E2k via the usual electronic methods please.

'C' sends the following E05 logs:

8080kHz 2100Z 03/08 [707/65] 16/08[USB 492]
10321kHz 2105Z 26/07 [863/158]
10324kHz 2110Z 03/08 // 8080

Joerg Eberhardt, Germany reported the following via 'Spooks':

8080kHz 2100Z 10/08 [492 67 80753] //10321
9219kHz 2200Z 10/08 [941 108 90870]
10321kHz 2100Z 10/08 [492 67 80753] //8080
14740kHz 1500Z 07/08 [981 15 72349] //16198. 19/08[USB 981 count 251 723/49 664/04]
16198kHz 1500Z 07/08 [981 215 72349] //14740

And from Anon, Scandinavia:

10583kHz2000Z14/08[USB 630 count 91 528/44 608/58] This was also audible in US.

E06 Gert's log listed activity by E06, in part:

16340kHz 1230Z 23/06 [602 dk345gc27 65228]

Whjilst Gallus Galus listed this on Spooks:

10430kHz 2205Z 16/07 USB in progress

Peter of Saffron Walden notes that the 'English Man' continues to be one of the busiest of the English Language stations, the weekly Saturday afternoon schedule continues in July: 1230Z on 17480kHz and 1330Z 14870kHz.

There used to be a separate E06 schedule on the second and fourth Saturdays in the month at 1400Z and 1500Z but I haven't been able to find one since.

13910kHz 2010Z 03/07 [307 Group Message] also 17/07, weak unreadable
11465kHz 2110Z 03/07 also 17/07 rptg 206, 17/07 620 for 1h+

Gert reports hearing :

13910kHz 2010Z 09/07 with two messages:

Msg 1: 206-dk934 gc255=69171

Msg 2: 206-dk681 gc307=78419

And concludes that observations made over all the Monday slots in July are worthwhile.

Captain Davros proved that fact by reporting hearing E06 on 16/07.

Gallus Galus listed this on Spooks:

10430kHz 2205Z 16/07 USB in progress

and hfd this:

11465kHz 2127Z 17/07 [620, more than 1h]

Anon of UK confirms :

12210kHz 2010Z 06/08 [ID 831 335 Group Message].

10230kHz 2110Z 13/08 [ID 831]

repeated on Tuesdays.

Greg Hajek[US] reports via Spooks:

12210kHz 2010Z 13/08 [USB Rptg 831x3 00000].

as well as copying:

7720kHz 1915Z 15/08 [ID 941] and repeated 2015Z 5760kHz, again ID 941. [rptd Thursday].

'C' reports:

13429kHz 2121Z 27/07 [687/309-55] Strong sig.

Whilst Joerg Eberhardt, Germany reported this via 'Spooks':

13877kHz 1400Z 08/08 [856-204/61 48676] note: tx in USB

Anon, Scandinavia sends, via Spooks:

12210kHz 2010Z 20/08 [831/ 205 147]

E07

Mondays and Wednesdays at 2100Z, 2120Z, 2140Z. H+20 and H+40 repeats of 2100Z broadcast.

Last time Gert answered some questions regarding the 05nnZ slot and now fills in the missing 0550Z frequency.

Gert also notices that the previous early frequencies chosen remain the same for July:

0510Z 8251kHz wed only

0530Z 9476kHz

0550Z 10631kHz

2000Z 15640kHz

2020Z 13870kHz

2040Z 12205kHz

Cap'n Davros reported hearing E07 on 16/07 on the above freqs whilst Ary posted:

12205kHz 2040Z 09/07 [682 5FGs 000 000].

Anon of UK remarked that the 0510Z on 8250kHz was a very strong signal and much better than the 2000Z transmission.

hfd reported:

12203kHz 2040Z 18/07 [482 1 443 52 74056 ...000 000]

13872kHz 2020Z 18/07 [482 1 443 52 74056 ...000 000]

15638kHz 2000Z 18/07 [682 1 443 52 74056 ...000 000]

E07 Used same frequencies as in May for June freqs.

16284kHz	2000Z	27/06	[234:1-3915/109=45226]
14289kHz	2020Z	27/06	
14389kHz	2020Z	18/06	
13447kHz	2040Z	27/06	

Gert sent the 05nnZ August freqs in as:

- mon	0500Z	9343kHz	(392)
	0520Z	10943kHz	
	0540Z	not found yet	

[Gert notes this as a new slot].

- wed	0510Z	7739kHz	(701)
	0530Z	9042kHz	
	0550Z	not found yet	

Mike of Kent reports:

7739kHz	0510Z	17/08	701 null mssg	May freq? New sked
9042kHz	0530Z	17/08	701 null mssg	May freq? New Sked
	0550Z	17/08	NRH in band	10800 to 11200

whilst Anon of UK sent the 20nnZ August freqs in as:

E07 Monday and Wednesday August.

14910kHz	2000Z	
13505kHz	2020Z	
12090kHz	2040Z	

ID 950

Hfd confirmed freqs:

14911kHz	2000Z	06/08	[950:1-5219/178=22797, qrt at 2020Z]
13506kHz	2025Z	06/08	qrt at 2045Z

but did not find last freq, whilst AnonUK offers this:

14910kHz	2000Z	06/08	ID [950	178 Group Message]
13505kHz	2020Z	06/08	ID [950	178 Group Message]
12090kHz	2040Z	06/08	ID [950	178 Group Message]

Anon, Scandinavia sends, via Spooks:

13506kHz	2020Z	20/08	AM weak
14911kHz	2000Z	20/08	AM weak, no message

E10

Gert of Holland reports:

6912kHz	2100Z	25/07	[VLBR55288461260715F100T19K100Z77260715461]
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Breaking the group up above one finds certain similarities repeated within the actual message:

VLBR 55288 461[1] 260[2] 715[3] F 100[4] T19K 100[4] Z77 260[2] 715[3] 461[1].

Thanks for that log and this info Gert.

Whilst this rare snippet comes from Clavestrian of Hungary, "This happened at 0228Z 01/08 on 4270kHz. I heard a Mossad station sending this message. During the 5LG-s I could hear short white noise QRM, circa 1sec. long and repeated every 5-6 sec. Suddenly with the interruption of the noise pulses the transmission was abruptly without any "end of message" or "end of transmission". After 1 or 2 minutes of silence the station said once: "Victor, Charlie, Delta" After this SILENCE! At 02:31 the station began the normal regime :PCD,PCD,PCD (some minutes) and so on..... Retrospectively I think that the white noise pulses were "external" because when the PCD-s message was finished I also could hear them BUT the abruption was real. [Thanks Clavestrian, nice work]!

C writes:

E10 - 'ABC' NOTED MAKING RARE TRANSMISSION The mysterious ABC was noted on SAT June 30th at 20.43 on 6428 kHz. Sending the ABC idler until 20.49 when it paused for several minutes until 20.53, transmissions continued until 21.09 when it ended abruptly with no message. ABC is most probably a 'type 3' station (see Issue 3 for explanation) and is unlikely to send anything other than 'ABC' or perhaps an additional letter or number. It is almost certain that there will be at least one other frequency used by this call. Anyone any idea where ABC is hiding ?

The ABC call breaks the rule of E10 stations - as ART is already allocated the 'A' and no two other E10 stations use the same starting letter in the callsign, e.g. EZI is the only station that uses 'E' etc.

EZI FLIRTS WITH 9170 - On FRI August 3rd I noted an E10 transmission in full flow on 9170, not recognising the frequency I tuned to other active channels and discovered it was EZI in parallel with 11565. EZI was not present on 9130 its usual frequency. I have not heard it since on 9170 so it was either a test or perhaps a mix up at the transmitter site (not surprising with this very busy network). Thanks 'C'.

'C's log also lists 10778kHz [2047Z 07/07] and 12376kHz [2045Z 27/07] as new CIO freqs.

E10 log from M of Kent:

4535kHz	0145Z	18/08	ART	S7	Grp 119, abrupt off at 0154Z in mid group, no sign-off ??
4535kHz	0201Z	18/08	ART	S6	Grp 14
5435kHz	2115Z	17/08	ART	S7	Grp 111
6912kHz	0145Z	18/08	VLB2	S5	Off 0150Z
6930kHz	0145Z	18/08	SYN2	S8	Off 0150Z
13921kHz	2045Z	17/08	CIO2	S8	off 2050Z

All in all a lot of work on E10 this issue. Thanks to all concerned.

E11 Has been heard on Tuesdays at 1230Z 9450kHz, ID 312, and at 1300Z 9950kHz. The 0800Z transmission on Thurs/Fri remains on the same frequency.

9450kHz	1230Z	17/06	[312 oblique 00 repeated 20/07]
	1300Z		Nil Required Heard
9450kHz	1230Z	04/07	[312/00]
	1230Z	10/08	[312-00 null msg]
	1300Z	10/08	[NRH 9450/9950/8033]
9950kHz	1300Z	04/07	[183/00]
10050kHz	0800Z	12/07	[232/00]

E15

Mike of Kent sent the following observation in:

E15 is alive and well.

14000kHz 1300Z 11/07 [FYP, weak, poor]

and makes this valid comment:

Interesting that FYP was on at 1400BST on 14000k, wonder if it's working to BST now, as that has been the long standing sked - will try the other freqs this way as time allows. NRH at 2000BST.

The next day Mike sent:

E15 is certainly working to BST.

18000kHz 1000Z (1100BST) 12/07 QRU null message 13 mins.
Well done Mike!

With the above in evidence we again print the known schedule, note all times Zulu/GMT, [for BST +1hr]:

1100Z 18000kHz	BEC	1700Z 14000kHz	FYS	2100Z 4130kHz	MSA
1200Z 17503kHz	WSP	1730Z 5834kHz	MSA		
1230Z 11170kHz	OSS	1800Z 5834kHz	WSP		
1300Z 11000kHz	BEC	1900Z 4130kHz	PAR		
1400Z 14000kHz	FYP	2000Z 5530kHz	NAS		
1630Z 6715kHz		NAS	2030Z 5530kHz		BEC

E17

Jmm queries hearing this station as:

10450kHz 0500Z 24/06

Jmm reported sigs as "heavily distorted" and 65 groups.

Nathan [US] reported, via Spooks:

9142 kHz 0200Z 09/08 [764: 315 79 13395 20401 62836 82382 69913 99298...] AM

E18

AnonUK remarks on this stations apparent absence: " Should have been on Wednesday and Thursday. [10/07 & 11/07] I tuned from 5000kHz to13500kHz but could not hear it anywhere, wonder if that has ended.

E23 Best frequency is usually 8188kHz. 4 weekly cycle starting on the first Monday of the Month.
Transmits Monday Wednesday and Thursday. Reported as active at end of June by Anon of UK.
Week 1 0957Z 6507kHz 1157Z 8188kHz 1257Z 5340kHz
Week 2 Was M4 but carrier only on frequency
0957Z 7250kHz 1157Z 8188kHz 1257Z 5748kHz
Week 3 0757Z 4832kHz 0957Z 6200kHz 1157Z 8188kHz 1257Z 6507kHz
Week 4 0757Z 5340kHz 0957Z 8188kHz 1157Z 7250kHz
Week 4 in AM only.

8188kHz 1157Z 03/07 [54505 42780 47533]
1157Z 16/07 [69023 79503 22999]

E25 Despite the non-activity we received this report from Mike of Kent:
'Possible activity on 9450kHz at 0935Z 09/08. OM totally unreadable.' Reports to E2k please
[Well done Mike].

G04 Has yet to come to notice again since beginning June 01. Perusal of its Morse counterpart, M29, shows reduced activity to date.

G06 10190kHz 2000Z 06/08 ID 308 Null Message
10240kHz 1900Z 02/07 [308 x3 00000] LSB suppressed
12180kHz 1900Z 02/07 [308 x3 00000] LSB suppressed

PoS W remarks, 'Similar frequencies used in July last year. This one has been no message so far this year.'
Peter does own up to having missed it in February!

S06 5745kHz 1800Z 24/07 [614x3 00000]
10230kHz 1200Z 03/07 [831 Null Message]
12165kHz 1200Z 03/07 [831 Null Message]

Further S06 observations come from Gert as:
14560kHz 2015Z 09/07 [Null msg 035]
2015Z 23/07 [Null msg 035]

S06C

RUSSIAN MAN SINGLE GROUP MESSAGE - I noted a rare 'single group' message from the familiar Russian Man (S6c) on SAT July 28th at 1838Z on 8185 kHz. A single 5F group of '11415' was sent and repeated in 5 minute blocks followed by breaks of a similar length. The group did not change throughout the transmission despite the long pauses. [Thanks 'C']

S10E

This station came up on schedule as:

10642kHz 1300Z 02/07 and continued, like its Morse counterpart, M10E, until, and including 06/07. The obvious question concerned the next cycle and whether S10E/M10E will actually transmit on 30/07 or wait until 06/08. D of Kent rang in to state that it, and M10E, certainly did and he says that the powers that be who control S10E must have read E2k newsletter and his comments about their equipment needing servicing. As a result:
10462kHz 1300Z 30/07 [Good strong signals without usual signal aberrations].

S17C

On Sunday 12th August at 1225Z onwards D of Kent reported heard on 6945kHz:

1228Z: carrier came up.

1231Z: '555' very weakly heard, followed by a 30s pause then two long MCW tones.

1236Z: '313' once only heard. Nothing else, carrier remains up.

1250Z: Normal S17C traffic heard.

1257Z: Konec

Heavy QRM/QSB on entire transmission, strength overall S0.

D of Kent thought that he was hallucinating at what he had received, but referred to his taped copy for verification prior to contacting E2k by landline. Thanks D of Kent.

Anon UK heard the following error on 07/08 when the content '313 42 42 05 05 85044' was also heard on 11416kHz. Despite continued monitoring by AnonUK and D of Kent nothing else has been heard from S17C on that frequency. AnonUK points out that 11416kHz is also an M10 frequency. One can assume that there is a link between the two stations.

6945kHz 1250Z 07/08 [313 42 42 05 05 85044] // 11416kHz? Possible error

S21

This station was heard by Anon of UK who remarked on the very poor signal strength.

5373kHz 1742Z 14/08

S30 [XT]

3757kHz 2125Z 17/08 S5

V02

5417kHz 0200Z 27/07

8097kHz 0604Z 11/08

9328kHz 0600Z 20/08

10445kHz 0530Z 18/06

V02a Note the references to V02a transmissions and those of M08a [from John Maky US].

5117kHz 0205Z 13/07[changed from 5116kHz 0200Z 13/07 CW UURDN]

5762kHz 0200Z 30/06

6768kHz 0100Z 30/06

7555kHz	0311Z	29/07
7887kHz	0200Z	29/07
9153kHz	0700Z	28/06 [73672 53133 76991]
11566kHz	0300Z	13/07 [AM late start - mixing w/M8a]
12215kHz	0200Z	12/07 [95822 08382 20222]
12835kHz	0600Z	02/07

Takashi of Nagasaki noted this of V02 and V02a for those listening in the Asiatics: Recently it has been pretty hard to hear V02 and V02a, but only 13374kHz can be heard regularly at 0700z every Sunday, which is of maximum signal strength but very low modulation.

On 6900kHz the un-modulated carrier has been on for the past three months.S06 transmissions can be heard occasionally on this freq at H+00 or 30 in East Asian night. Thanks Takashi.

V06

14680kHz 2100Z 06/07 'ocho tres seis x3.

Always on the first of the month, this station has not been heard for a time.

Peter, who reported this, remarked that it must have been the second sending. Very strong signal, lower sideband well suppressed. Carrier with tone noted on frequency 12 minutes earlier.

V07

Peter of Saffron Walden makes this observation, "The V02 YL remains the most widely heard Spanish Number station. On Thursday 5th July I spent a few minutes tuning around looking for the Spanish language V07. I had previously been able to listen on a Thursday morning, V07 was on at 0610Z on 9283kHz and 0630Z on 10357kHz, regardless of the month, but I could find no trace - it was certainly on in May. Perhaps it has gone the same way as the G07 German YL.

V08

This interesting find from C:

ARABIC MUSIC STATION I was surprised to come across V08 on a new frequency and at a new time (to me, anyway). This station has in the past restricted itself mainly to 6645 and 11290. I came across V8 on THUR July 26th at 2006Z on a new frequency which I measured at 7662 kHz (although it was a little unstable), the message read by a Female announcer was in progress and ended at 2108Z with some 'Arabic' style music sent at quite low modulation. Most interestingly the carrier remained on (along with that strange associated 'clicking' sound) until 2100Z when the message and music were sent again. Clearly this was an important message. Transmitter went off at 2113Z.

V13

13750kHz	1400Z	11/07 [YL/CC/4FGx2]
	1400Z	27/07 [flute interval YL/CC 4fgx2]

V21

6529kHz	2220Z	16/07 [OM/SS "The Babblor"]
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XPH

Signal strengths have not been as solid as usual towards the end of June,there having been some propagation changes.15677kHz has been a poor choice with XPH signals hetrodyning with the BC [Chinese?] station occupying that frequency. Towards the end of the month the best evening transmission was indeed the 12211kHz which reappeared on 26/06 despite the short 2 min transmission of the null message prior.

June Freqs Tuesdays and Fridays:

12173kHz	0600Z	05/06 08/06 12/06 [Strong sigs SW London]
13473kHz	0620Z	05/06 08/06 12/06 [.....ditto.....]
14973kHz	0640Z	05/06 08/06 12/06 [.....ditto.....]

15677kHz 2000Z 05/06 08/06 [Strong sigs S London]
13901kHz 2020Z 05/06 08/06 [.....ditto.....]
12211kHz 2040Z 05/06 08/06 [.....ditto.....]

July frequencies confirmed [John of Aylsbury and Paul of London] as:

0600Z 11623kHz 03/07 06/07 10/07 13/07 17/07 20/07 24/07 27/07 31/07
0620Z 13523kHz 03/07 06/07 10/07 13/07 17/07 20/07 24/07 27/07 31/07
0640Z 14523kHz 03/07 06/07 10/07 13/07 17/07 20/07 24/07 NRH NRH

2000Z 14846kHz 03/07 06/07 10/07 13/07 17/07 20/07 - 27/07 31/07
2020Z 13438kHz 03/07 06/07 10/07 13/07 17/07 20/07 - 27/07 31/07
2040Z 12156kHz 03/07 06/07 NRH NRH NRH NRH - NRH NRH

John Maky [US] reported hearing XPH on 25/07 at 2000Z on 14846kHz (out of sched) as well as the scheduled 2000Z 27/07 and 13438kHz 2020Z 27/07

Some apparent problems with the XPH transmitter on 14523kHz preceding the 0640Z offering on 06/07 as follows:

Up at 0632Z off at 0632:30Z S9+20dB
Up at 0633Z off at 0634Z S9+20dB
Up at 0635:30Z loud hum on carrier, off at 0636Z. S9+20dB
Up again at 0636:15Z no hum. S7

0638:15Z strong hum on freq again then low carrier at 0638:30Z

0640 to 0643Z Very weak and down in noise to start, rising to S8 at end.

Prior to start up freq had some BC and general noise.

This 'problem' also manifested itself on 10/07 and 13/07 and has not been noticed in July since.

However on 17/07 2000Z 14846kHz transmission was rudely interrupted in mid-stream when at 2000:30Z all ceased. No carrier or tones were heard and the signal returned at 2002Z with a somewhat rough note with reduced signal strength, the transmission ending at 2002:30Z. On Friday 27/06 at 0600Z the problematic on/off carrier did not appear.

August frequencies confirmed by John of Aylsbury to be:

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

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

The morning frequencies remain unchanged. As such the first slot [0600Z, 11623kHz] attracts hetrodyne from the very strong emanations of Vatican Radio. The worrying resultant Het tone, circa 2040Hz, does not seem to cause any negative effect to the polytone transmitted on the same freq. A short sample run using VM's excellent 'Xperta' program stood witness to this. Perusal of a spectrogram of the same sample clearly shows the various tones, irrespective of the interference from Vatican Radio.

Bearing in mind that John's 25/07 spotting was out of sched this report is also interesting:

XPH on Monday 06/08 at 0720Z until 0726Z. Mike of Kent reported hearing polytone activity on 15790kHz, a frequency previously used in February.

At 0740Z Mike tuned to 16290kHz but makes the comment 'Nil required heard'. Whilst the 16290kHz freq was NRH the earlier 0700Z transmission was apparently missed but may have occurred on 14890kHz. If this is a new schedule then as the month turns the following frequencies may be of interest to the XPH'ers on a Monday morning, 13410, 14910, 16110kHz. In the evening 9450, 5782 or 7962, 4582kHz may apply. Reports to E2k please.

*At the time of writing, the entire evening slot 17/08 has not been heard, was it no tx by design or has the freq moved?

[Thanks to John of Aylsbury for his continued reporting of this station].

Please send your voice logs to e2k_news@hotmail.com

ODDITIES

BUZZSAW

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

FADERS (XF)

In the last issue I speculated that these had closed. I have since read further confirmation of this via Numbers & Oddities Newsletter. It would appear that this mode may have been replaced by more modern methods of communication.

FSK BURSTS

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

JMM writes: There is another one of the same type you can hear on 11610kHz at 2130Z. This frequency is not (yet) listed in the E2K NL. It sounds very weak compared to its 5435 counterpart, covered by mighty BC transmitters (China Radio International FF programme at this time)

If you know anything about this station, its purpose and transmitter location(s) or can decode its messages, please contact ENIGMA 2000.

XBS

7019kHz XBS 0218Z 18/08 A whopper, S9+, bubble jammer under XJT - see below.

JET (XJT)

8636/8460kHz 2120Z 17/08 Both S3 only

Further report states:

0222/30Z S5-S7 on its 10 freqs 2170/2193/2381/2580/2592 2613/2660/4224/4300/4565.

Still on all freqs at 03.00z

LINK 11

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

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

SLOT-MACHINE (XSL)

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

Still being heard in US, Oceania and like areas.

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

Sun	1600Z					
Mon	1700Z	2215Z				
Tue	1510Z	1530Z	1600Z			
Wed	1400Z	1500Z	1545Z			
Thu	1600Z					
Fri	1450Z,	1600Z	Sat	1400Z	1600Z	1700Z

6417.0kHz	1400Z	01/08
6445.0kHz	1400Z	01/08
8588.0kHz	1400Z	01/08
8703.5kHz	1400Z	01/08

However Takashi has noticed that Noisy XSL can be heard a lot on 4233, 4293, 6417, 6445, 8588 and 8703.5kHz In the daytime 4233kHz is silent. Propagation?

SIX NOTES (X06)

We have received an interesting response from Ary concerning this strange signal. "X06 is the same as M42. It is simply a selcall system used by M42 to call stations outside the normal schedules.

This system is called 'mazielka'. No idea what it means and isn't a Russian name.

'Mazielka' may be a NATO/western military nickname. As M42 is a 'diplomatic' network, the selcall is probably used for stations that have no fixed schedule and to call stations outside the fixed schedule. Transmissions usually appear within 30 minutes of the call. Often preceded by a CW callup. The transmission is not necessarily on the same frequency as the mazielka and may be on another pre-defined frequency. [M42 is listed in the ENIGMA control list as FAPSI networks].

Gert has recently heard X06 as:

9106kHz	2100Z	15/06
14932kHz	2000Z	20/06 also on 11093kHz.

LP reports:

10241kHz	2245Z	09/06 auto 6-note Fair signal ending at 2248Z
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More Info on 'oddities' can be found on Brian of Sussex excellent web pages:

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

Thanks to AK, Anon UK, Anon Scandinavia, Ary, C, 'D', D of Kent, Eddy of Australia, Gert of Holland, HFD, IB, J of Aylesbury, JM, Ben Mesander, JMM, John of Derby, K of Kent, LP, Mike of Kent, Mark Slaten, Peter of Saffron Walden, R anon, Rob of Essex, Spy Numbers Robot, Takashi of Nagasaki and all others for their contributions to the Morse, Voice and Oddities columns.

THE SIMON MASON COLUMN

Hello again and welcome to my first column in the ENIGMA 2000 newsletter. I have been persuaded to come out of semi-retirement to write an occasional piece for ENIGMA 2000 and hope to produce about 2 or 3 per year with the permission of the editor.

An anonymous person high up in the intelligence services of a certain Nordic country got in touch with me and provided some fascinating details. Here is part of his story:

Prior to 1991, we had positively targeted five Soviet transmitters as supporting intelligence operations against Scandinavia -- in Murmansk, Leningrad, Kaliningrad, Moskva and Rovno, between Kiev and Minsk.

They all conform to the pattern you describe. However, the by far greatest volume of instructions are sent as high-speed Morse (analogue) or as digital impulses -- there were no significant differences between KGB and GRU in this respect.

An agent would typically receive a message from twice a month to once every quarter, unless considered highly important (see below). Things such as covert mailboxes, routines for calling emergency meetings, work schedules for the next period would be covered by the regular debriefings taking place in a third country.

The KGB and GRU had a very strict and rigid pattern of promotion and postings, everybody who has left for the West agrees on that even if they agree on nothing else. If you perform an analysis of the subsequent career of those identified as Soviet intelligence operators, you get a density of roughly 5 secret agents per million in neutral states (always the most heavily targeted by both sides) and 3 per million in the US dependencies, making a total of some 800 active Soviet agents operating in the West at any given time, a highly likely figure (actually, there is more to

this figure and how it is arrived at, but that remains classified). You can compare this to the number of transmissions each day.

The "old nations" -- whether Russia or Germany or France or Britain -- have proved themselves very adept at adopting efficient low-tech approaches of the "I-could-have-kicked-myself" kind, drawing from their very extensive repositories of experience. The Russians and the Germans are the masters of this game, and, interestingly, nearly always arrive at the same conclusions (which turn out to be embarrassingly correct); that the Soviet system produced a lot of constraints and political aberrations, should not obscure the basic soundness of their Staff work. They look reality into the face and make the best of a bad lot.

The touchstone remains whether the solution at hand will do the job or not. You can transmit your numbers in full four-channel stereo, if you like; it would add nothing but complexity and cost.

If you have some ancient vacuum-tube transmitters and reel-tape-recorders laying about, and can gainfully employ a good number of NSA Cray super-computers on trying to reveal nothing and that way prevent them from revealing more sensitive things, why not use the left-overs ? This is true Russian thinking.

Russian covert intelligence methodology does not rely on on-site training, as your interpretation would suggest. The long and difficult haul is to recruit a new agent -- that might take ten years, and usually be worth it. Training, which is normally part three on the road to agentship, nearly always takes place in a third country: in the last major case we had, the agent in question was first approached during a UN tour to Cyprus, said "yes" three years later, trained in Lebanon and Syria, worked in Sweden and was debriefed all across Europe and the Middle East, with Tel Aviv as the preferred choice.

And speaking of transmissions: he received them every Sunday, at the same time but according to a preset pattern of HF frequency changes; should he miss his instructions, the transmission was repeated 24 hours later. If one of my Staff came up with a report of extensive training transmissions, I would believe it -- but I would not believe there is any single agent at large, without further evidence.

What happened to the Stasi officers ? Well, they were most welcome outside Europe -- Africa (Zimbabwe in particular), Asia and South America (Chile, Ecuador, Peru) have stocked up on them, and now they can easily get up-to-date equipment. The losers seem to be KGB technical staff -- I know several who have moved to **** because they feel they will have no future in Russia.

There was a lot more material that I cannot divulge without betraying the gentleman's confidence, but the above details are the most relevant to Number Stations.
©Simon Mason.

ENIGMA 2000 ARTICLE

Issue 6 sees part one of this most interesting account of Radio Enoch, written by 'C':

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

INTRODUCTION - Tune outside the upper edge of the 49 Metre Band Shortwave any Sunday morning (and often at other times too) and you will doubtless hear the sounds of a variety of so-called 'Free Radio Stations'. Quite when these first started I am not sure but the scene was healthy in the mid-1970s when I first started listening and is still so today. The stations play music, read out listener's letters and generally provide good entertainment, the operators are enthusiastic and dedicated. The programmes are however strictly non - political.

Most stations cram into the band space doing their best to avoid various utility stations and each other, the only other

major threat to this 'harmless' fun are the D.T.I.. Those unfortunate enough to get caught are hauled before the courts where a magistrate who does not know the difference between shortwave and shortbread throws the book at them. Without exception the D.T.I. argue that these stations cause dangerous interference, and aircraft may fall from the sky or ships at sea may be drawn to collide - even worse any cries for help from these unfortunate disasters may be blotted out by the sounds of Boney M singing 'By The Rivers Of Babylon!' The lot of a Free Radio Station operator may not be a happy one.

Back in the late 1970s this cosy corner of Shortwave was invaded by an altogether different type of broadcast - the political pirate. This is the story of Radio Enoch. It was to last several years and attract considerable attention.

ENOCH WAS NOT ALONE! Before we look in depth at Radio Enoch it is worth mentioning several other stations which carried veiled political messages. Skyport Radio which transmitted on the 48 Metre Band from Hounslow in Middlesex had a curiously pioneering mix of music programmes. It was surely the first station in Britain to have an Hindi Film Music show, hosted by Mark King. The station also had a Contemporary Music show presented by Rob Holland. But Skyport also had another peculiar habit, that of sending out Communist Party recruitment information with its QSL Cards and it closed its transmissions with the 'International'.

Skyport was also closely associated with another Shortwave station - Radio Corsair, Corsair was more a one man band operated by Roger Stevens. In 1978 Skyport and Corsair held a special joint broadcast under the title 'Workers Radio 78'. Corsair was also involved in relaying Radio Rastafarri International, Rastafarri's programmes were somewhat chaotic but in essence they were pro Communist and had affiliation with Communists in South Africa. I doubt however that these stations attracted more than a passing interest from the authorities, the champion of all political pirates was about to burst onto Shortwave.

RADIO ENOCH - HISTORY Radio Enoch commenced Shortwave transmissions on Christmas Eve 1978 but its origins can be traced back to 1972. It was born from a long list of other stations. It started life as a 'pop pirate' Radio Jolly Roger in July 1972, Jolly Roger broadcast on 222 Metres (1363 kHz) Medium Wave to the West Midlands playing progressive music and reading out local sport and news articles, it also had a sister station Radio Jolly Roger South. The original Jolly Roger was raided by the GPO after 3 months of transmitting each Saturday between 10 and 5 PM, the operator was fined £75. As a result of the raid, Radio Jolly Roger teamed up with a number of other operators and formed the Birmingham Free Radio Network, Radio Dolphin, Radio Albatross and Radio Midlands Mobile. Each transmitted a 30 minute slot from a different location on Sunday afternoons, this way the GPO had insufficient time to trace the signals. Other stations came and went from the network including Radio Javelin, Radio Pegasus and Radio Signal North, but, despite the eventual collapse of the Birmingham Free Radio Network the seeds had been sown for another station - Two Spires Radio.

It was not until 1978 that Enoch began to evolve. In July 1978 a political group was formed: People Against Marxism. They set up Two Spires Radio which transmitted on 212 Metres (1410 kHz) with a power of 180 Watts. Two Spires was distinctly political and described itself as "The Station You Love To Hate". It transmitted from Leamington Spa to Warwickshire and the West Midlands, its programmes were a mix of music and political comment on local matters concerning the West Midlands. The signal was good in the service area but it did not offer national coverage, the operators had a big idea!

RADIO ENOCH HITS SHORTWAVE - It is the morning of Christmas Eve 1978 and Radio Enoch makes its first broadcast. The transmission commences with the tuning signal - the opening bars of the popular tune 'Coming On Again' repeated a number of times. The then to be famous introduction commences. The theme tune is 'Lest We Forget' by The Les Reed Orchestra. Anyone tuning in that day would have heard the following announcement.

"Good Morning Listeners, Good Morning to you patriots, you are tuned to the right wing wireless station Radio Enoch broadcasting from a secret location somewhere in England. Radio Enoch is operated by the right - wing pressure organisation People Against Marxism. Unlike the overtly Socialist British Broadcasting Corporation and Independent Broadcasting Authority, our broadcasts are free from the influence of Communist and Socialist Trade Union editorial modification. Our fight is a fight against Socialist advancement. Never before have the British people had to fight as hard as we must fight now to rid Britain of this evil and detestable philosophy, the philosophy of Marxist Socialism. Let us have some true Conservatism now".

If this was not enough for the unsuspecting listener and the Home Office, a list of Radio Enoch's aims followed:

They are not for the faint hearted!

- A firm stand against continued immigration
- Voluntary re-emigration
- Guest worker status for illegal immigrants
- Support for the governments of Rhodesia, South Africa & Namibia
- Withdrawal from the Common Market
- Restoration of British National Sovereignty

The transmission was carried on 6.3 MHz and 212 Metres (1410 kHz) to the West Midlands. Enoch announced that there would be a minimum of 10 transmissions during 1979. During this 30 minute broadcast a mailing address of 7, Woodside Grove, Hartburn, Cleveland was announced. The programme ended with the announcement "There's no pulling the plug on Radio Enoch".

A further transmission followed on January 14th 1979 using 40 watts of power on 6274 kHz and again 212 Metres Medium Wave. Station announcements were also made in Polish, French, Italian and Swedish. It was clear that the station was being widely received with letters read out from across Britain and Ireland. Not all the letters were complimentary and some suspected the station was a cover for The National Front, a point denied throughout the life of the station.

Transmissions were to continue at the rate of one per month, but the station had quickly drawn the attention of the Home Office who paid a visit to the mailing address.

FRONT MAN BREAKS LINKS WITH PIRATE RADIO ENOCH - A teenager who was put up as a front man for an extreme right wing pirate radio station said yesterday he had nothing to do with the outfit, his Hartburn, Cleveland home was broadcast as the address for Radio Enoch an illegal station putting out anti - union, anti - immigration propaganda. But 19 year old Andrew Ormsdan said last night he was simply acting as a mailing address for the station and had no feelings either for or against its views.

"I just took messages for them - a young chap would just come and collect them", he said. But I have stopped doing it now, they wanted to change their address, they told me.

Radio Enoch run by a mysterious group was the first peace - time station in Britain to broadcast nothing but political propaganda, the only music used was as background for its views on race and other - right wing topics. Mr Ormsdan, who had used his home as a mailing address for various companies in the past, said a man approached him and asked if the station could use the service. They agreed on a fee of £5. "I have no idea who they work for", he said, "it started just before Christmas and they have collected about 50/60 letters since then, it was a youngish man with long hair and jeans who used to come and get them. I have no sympathy with any party. I am neither for or against these people. It is none of my business what they do. I only pass on the mail. My only connection with pirate radio was when I published a magazine on the subject a couple of years ago". (Northern Echo March 23rd 1979). **ENOCH STILL GOING STRONG** - The Cleveland address was the only mailing address ever broadcast by the station, however it strongly promoted several other British organisations which had accompanying addresses and these continued to funnel reception reports and mail to the station. One of the most widely promoted was that of 'Choice Magazine' an anti-immigration publication which was offered free to listeners. Choice was fronted by The Dowager Lady Birdwood and an address of 10, Philbeach Gardens, London, SW5 became the semi official Enoch mailing address.

Other organisations were also plugged on a frequent basis, notably the right wing Monday Club based at 51, Victoria Street, London SW1. The Monday Club was well know for its support of the Rhodesian government. Another group the Campaign Against Naturalization also based in SW1 was regularly mentioned, along with their 'Undercurrent' Magazine. Also frequently promoted was 'Encounter' a publication of The Christian League For South Africa.

The South African link was to remain strong as speculation grew as to who was behind Enoch. The most obvious choice was none other than Mr Enoch Powell himself. Mr Powell, a former MP for Wolverhampton South was well

known for his outspoken views, but he denied any connection with the station. A record of his speeches was promoted by the station - entitled "On The Record" and was offered at £2 a copy from North Kent Records.

The South African connection was reinforced when Radio Enoch began asking listeners to retune at the end of their programme to Radio RSA from Johannesburg. A tape recording of the call of the Bokmakierie accompanied by the first bars of "Ver in die Wereld Kitty" on guitar advised Enoch listeners to retune to 25790 kHz for the RSA broadcast at 12.00 to Europe in English.

Enoch also announced that it too was to transmit on Saturday afternoons on a frequency of 25770 kHz. I personally never heard these transmissions but understand some did take place.

THE HEAT IS ON By mid - 1979 everyone was searching for the mysterious Radio Enoch. Hated by other Free Radio Stations and hunted by the GPO, transmission times had been cut to 30 minutes, however, programmes were being aired twice per month. The Press and Radio Media were also captivated by the goings - on.

The station had increased transmitter power, and at one stage used 1Kw in SSB on 6243 kHz. In July 1979 the station celebrated 1 year of broadcasting (this counted from the start of Two Spires Radio). Transmissions were sent on 7.350 and 5.920 kHz Shortwave and 192 Metres (1560 kHz) Medium Wave. The GPO were in hot pursuit and some later transmissions were reduced to 20 minutes.

Newspapers were full of stories "Hunt For Mystery Radio Enoch", "Bid To Track Radio Enoch", "Radio Quiz". "A big Midlands hunt for the mysterious political pirate Radio Enoch has drawn a blank.... Post Office engineers will today be monitoring Shortwave frequencies in a bid to locate Radio Enoch".

"Radio Enoch Keeps Mum - Radio Enoch the extreme right - wing pirate radio station and the first to broadcast anti - communist propaganda in the UK failed to make a scheduled appearance last Sunday, however, it is likely to come up next Sunday on a frequency of 7.350 kHz in the 41 Metre Band. It should be possible to hear it all over Western Europe as well as all over this country. Transmissions last only one hour (?) in order to limit the time in which the transmitting site can be detected.

Transmissions probably involve no more than 6 to 8 individuals but a larger number, probably about 150 or so are "in the know", the organisation responsible is People Against Marxism apparently, a popular right wing group which denies links with the National Front or with South Africa. The two presenters take it in turn to present views, sometimes with background music including Land Of Hope and Glory and occasionally a pop disc. Caversham Park (BBC Monitoring Service) was scanning all previous Enoch frequencies last Sunday, however, other pirate stations are extremely unhappy about its existence". (Time Out).

On The September 2nd 1979 broadcast it was announced that Enoch would close for 6 weeks. Letters were still reaching the station via its semi-official address. Listeners in the UK, East & West Germany, Norway & Sweden were all read out over the air.

The Station had now made the front page of The Observer Newspaper. An earlier broadcast had referred to coloured children as "little aliens". Enoch really did know no limits.

The Observer article provided some interesting new information about the operation. "Radio Enoch Hits At Aliens, an illegal radio station broadcasting extreme right - wing views has begun operating in Britain, the first political radio station to broadcast in this country. Calling itself Radio Enoch the station appears to be based in the West Midlands and goes on the air about once a month, it is planning a one hour broadcast this morning on the Shortwave band. The group running the organisation describes itself as People Against Marxism and says 'its aim is to sweep public opinion towards the right. It denies any links with the National Front or the South African Government - saying it comprises professional engineers and right - wing politicians. Mr Enoch Powell who used to be the MP for Wolverhampton South - West said yesterday he knew nothing about the station nor its operation. When we left a message for Radio Enoch we were later contacted by a man who described himself as the station manager, but declined to be identified. He told us he was basically a Conservative and had once stood unsuccessfully as a City Councillor. "I am over 45 years, an engineering designer by profession, and have travelled widely abroad including Eastern Europe."

"Radio Enoch first began transmissions at the end of the year (1978) and since then there have been five or six further transmissions - they all begin with the words "You are tuned to Radio Enoch broadcasting in the fight against Socialist Government and Trade Union interference". In one recent broadcast a man with slight Midlands accent spoke at some length about the immigrant and non - white immigration and said, "as we come over the years to know the immigrant and to stand aghast at his numbers we come to know that on balance he is not doing anything for this country". The tone of the broadcast was informal with announcers reading their views above a background of music ranging from Tchaikovsky's Swan Lake to Elgar's Land Of Hope And Glory. Radio Enoch is vigorously anti-communist and anti - Union but it speaks out against the National Front which it describes as far too naive and far too inflexible. (The Observer).

It was not only the Press who were interested in Enoch. A BBC Radio 4 Satirical Comedy Show also took a side swipe at them with a parody of the programme. This is the full transcript:

"This is Radio Enoch, welcome to Kid Boreman's 'Latin Beat' - where we are not only beating up Latins but also immigrants and social workers. Stay with me through until mid-day when Dave Le Gorbelles hosts Listen With Big Brother.

And at 1.30 there's Second Class Citizen hour, followed by our children's programme in which we programme children.

At 5PM it's phone in time - with today's question - should we bring back hanging or should we bring back hanging, drawing and quartering? If you answer no and we trace your phone call we will invite you to appear on Butchers Dozen at 8 PM.

But right now it's Roberto Ralph's Recipe Time' and what's the recipe today 'Roberto'? - I give in. Correct. And now before we go back to Latin Beat it's time for the break"!

In what can only be described as a 'lighter' moment on Radio Enoch, the presenters actually admitted to having been amused! But didn't think much to the rather suspect 'Brummie' accents used in the sketch. Interestingly the parody had carried a Radio Enoch jingle made by the BBC sketch team for the show and this was used by the station on a regular basis.

TRANSMISSIONS CONTINUE - Despite all the attention, Enoch carried on with its political agenda. There was little it liked and lots it disliked. It turned its microphone on almost anything which moved, US Interference In Ulster, the suppression of right wing views on local radio phone-ins, Friends of The Earth and even unmarried mothers were all lambasted.

Several organisation fought back. Radio 4 commented, "It is wrong and immoral that Radio Enoch should transmit on Shortwave since there are no left wing radio stations to achieve a balance of political opinion."

And Time Out wrote - The Cuban revolutionary Guevara said "The radio is a factor of extraordinary importance, it explains, teaches, fires and fixes the future positions of both friends and enemies", ironically the loudest political station is called Radio Enoch and 80% of its output is right wing extremities. At present it is on Shortwave.

THE LAST TRANSMISSION In June 1980, 19 months after the first Shortwave transmission Enoch sent its final broadcast. Despite no official mailing address for over a year, letters were still reaching them, some 55 from the previous month had been received. The GPO had failed miserably to track the transmitters and Enoch had proved that it was possible to operate a clandestine station without Government closure. Enoch cited the Conservative's sweep to victory in the May 1980 election as its main reason for leaving the air, and vowed to return if a Socialist Government was ever returned to power.

In a final commentary the station said "No sooner as the Last Post sounded than the Home Office detection vehicles hit the road, the press start scribbling - always living in the hope that the operators will be caught - what a wonderfully sensational story we will have when at last they are caught, they think.

Letters are written to MP's - Mr Enoch Powell is flooded with calls from gutter journalists trying to find some

hairline link between Mr Powell and the station. A few even switch on their flea powered transmitters in an attempt to jam our high power transmitter. If the British government agrees to jam all Radio Moscow transmissions to Britain, Radio Enoch will close down! It would be a nice gesture if the new Conservative government offered Radio Enoch a license to broadcast".

Enoch closed in the manner it had opened, by attacking everything and everybody it despised.

THE UNANSWERED QUESTIONS Essentially there are four 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?

Enoch was professional and well organised. It was widely speculated that the station was supported by the South African Government. The station did promote a number of organisations with links to South Africa. Perhaps, however, its strongest supporter was 'Choice' the anti-immigration magazine.

The GPO/Home Office had failed to close down the station despite 19 months of intermittent operation. Doubtless they had good DF fixes but perhaps were unable to locate the sites used in the short time the station was on the air.

Was MI5 & GCHQ involved in carrying out investigations in to Enochs operations ?

The Conservative Government's victory perhaps acted as a catalyst for the station's closure. Or possibly the operators felt they had achieved their objective of running a political clandestine station on Shortwave! Enoch was probably the most well known of any Shortwave 'Free Radio Stations'.

If you have any further information or press clippings about the station please write to me, via ENIGMA 2000, Part Two is planned and will be published in a future Newsletter.

© 'C'

BOOK REVIEW

A SPY'S LONDON

Author: Roy Berkeley. With foreword by Rupert Allason (Nigel West).

Publisher: Leo Cooper, London. £9.95

ISBN 0 85052 1130

A very comprehensive illustrated guide to 136 sites in London, showing buildings in which espionage and counter-espionage type operations occurred. The locations are grouped into 21 easily negotiated walks, illustrated by clearly marked local maps.

The text referring to each site goes into great detail concerning the comings and goings of individuals, both friendlies and adversaries, and includes many details of operations involving SOE, MI5, MI6 (SIS), OSS, CIA, GC&CS, GCHQ, Abwehr, OGPU, NKVD, KGB, GRU, etc., etc.

The black & white photographs are of exceptional quality, and show a large proportion of the buildings unchanged since the relevant situations occurred during the period WW1 through to WW2 and the Cold War.

The most notable exception being Curzon Street House, 1-4, Curzon Street, W.1

This was the site of the MI5 Administration, Registry, and Technical departments. How many bugs were found in the walls, etc. when this building was demolished?

I thoroughly recommend this book, which will appeal to both specialists in this field and the general public.

Reviewed by John of Aylesbury.

In addition to the Book Review we take pleasure in listing some recommended reading sent to us by John of Australia. All the books are by Prof Desmond Ball, a named writer on SIGINT matters.

Ball, Desmond J. Australia's Secret Space Programs. Canberra: Australian National University, 1988.

Richelson, Jeffrey T., and Desmond Ball. The Ties That Bind: Intelligence Cooperation Between the UKUSA Countries. Boston & London: Allen & Unwin, 1985.

Desmond Ball & David Horner Breaking the Codes: Australia's KGB Network 1944-1950 Allen & Unwin \$29.95pb, 468pp 1 86448 578 7.

Desmond Ball. Burma's Military Secrets: Signals Intelligence (SIGINT) from the Second World War to Civil War and Cyber Warfare.

Thanks for these John.

NEWS & ITEMS of INTEREST

An obituary by 'C'

JOHN WALTERS - I was saddened to hear of the sudden death of the Radio and Television presenter John Walters, at the age of 63. John passed away on Tuesday July 31st. He was best known as the producer of John Peel's music show on BBC Radio 1 and for presenting radio shows of his own. Alongside his work with John Peel, John Walters also produced Jimmy Saville's 'Saville's Travels' as well as Andy Kershaw's programme, showcasing music from the developing world. John Walters was also a broadcaster in his own right, with programmes like Walters Weekly, Loose Ends and Idle Thoughts under his belt.

It was his involvement with the television programme Here & Now and my involvement with ENIGMA which allowed me to meet John Walters in 1997. John along with a producer, camera man and sound engineer all visited my home and also made a 'site visit' to Menwith Hill to film a 10 minute piece about Number Stations. The programme was broadcast on BBC1 television on MON 21st April 1997. John's whimsical and relaxed style made my one and only television appearance a day I will always remember. I am sure he will be greatly missed. [Thank you 'C'. Those of us who saw John Walters' report on ENIGMA in 1997 will remember that piece with mixed feelings].

A Speculative View of E03a as a message carrier for a different style of 'Stay behind' Network has circulated the gossip circles in Australia for some time. Here, from 'Black Jack' of Oz, we print those views: To date it has always been thought that E03a with her 'Cherry Ripe' and excellent British accent has been transmitted from the island of Guam. However an anonymous E2k source has sent this speculative view to us. [Read E03a in Selected Voice Stations too]:

"Hong Kong is about to be returned to China and some HK public servants are anxious to leave, but they don't have either the skills, the capital or the political refugee status that would see them welcomed as migrants anywhere else.

A chappy "attached to the Foreign Office" approaches them individually with a solution - in return for undertaking a few regular tasks, they will be provided with a well-paid job in HK and their immediate family will be granted permanent residency in Sydney. In the fullness of time they can apply for Australian citizenship, with powerful sponsors guaranteed. After this they can fulfil their filial obligations by bringing their parents, brothers etc across under Australia's Family Reunion program, keeping them all safe from the Public Security Agency's attentions. All well and good, but in parts of Sydney, Australia, the Chinese community might as well be back in HK, given the amount of Chinese government scrutiny they suddenly find themselves under. China is Australia's most important trading partner and they are not afraid to pressure Australia about dissidents and "bad elements". So there can be no contact with UK officials. All orders are transmitted by radio.

Changing political fortunes affect them too. Historically Australia's conservatives, the Nationals, get 10% of the primary vote. But lately their supporters have been leaving them in droves for One Nation with its strong policy against Asian immigration. The Nationals put pressure on their allies in government, the Liberals, to change migration policy. The Liberals respond by closing the Family Reunion program, making it harder for permanent residents to become citizens. So things look a bit iffy for people already engaged in a risky activity." Our source adds by way of a footnote, "All just speculation and gossip, of course, but I wonder if there is any basis for it?"

As ever, Comments via the usual channels please.

Mobile Phone Technology puts Stealth Planes at risk.

In 1999 during the Yugoslavia bombings a Stealth fighter was downed. Many claims existed from it being visible to radar when it rained [clutter] or that a spy had actually disclosed the mission and targets.

PRAVDA printed an interesting piece on this matter in which it claimed emissions from Mobile Telephone masts can be used in conjunction with GPS to detect, pinpoint and eventually be used to destroy aircraft using stealth technology. The piece, written by Timothy Bancroft-Hinchey, states,

"Using retransmission antennae from mobile telephone networks with GPS navigation systems will prove fatal for these aircraft, according to research from a British engineering group.

The multi-channel terrestrial receptor systems for mobile telephone networks create a low-frequency radiation. UMTS, or third generation (3g), technology allows rapid Internet access at 28 and 40 GHz (Giga Hertz). It is precisely at these frequencies that the new passive radio system functions.

The constant emission of this signal, when issued between retransmission antennae, creates an invisible screen, which is broken whenever an aeroplane violates its space. In this way any passage of a Stealth weapon system can be easily monitored, through analysis of the disturbance of the field under study.

If a plane flies over the area targeted, the signals that the antennae send to the air are interfered with and therefore any Stealth aircraft can be detected and, if necessary, destroyed.

The detection system uses receivers similar to TV antennae to capture distortion signals and if a GPS system is added, any computer can capture the result, even a laptop, which could register the position of an aircraft to within 10 metres." [Taken from Pravda 25/06/01, written by Timothy Bancroft-Hinchey].

US Army officer a Spy.

Lt-Colonel George Trofimoff was arrested trying to get money from a Russian handler who was a FBI agent. For 26 years, 1968 to 1994, Trofimoff was involved with an intelligence centre in Germany.

In court the prosecution alleged that Trofimoff had collected \$300,000 for photographing US Intelligence documents and giving them to the Russian KGB.

The defected former KGB General, Oleg Kalugin, testified at the trial that Trofimof was a top spy for the Soviet Union. Trofimof, who is 74, was found guilty.

Spy equipment produced in Saransk.

Two males in Saransk were arrested by agents of the Mordvinian Ministry of Internal Affairs department "R", which deals with crimes involving high technology.

The two men had produced 'spy' equipment presumably using CCD cameras and miniature microphones.

The equipment was described in the original article as, 'camcorder not smaller than a match box with 1-millimetre diameter' and also as, 'sound- and video-recording equipment' compatible with VCR's.

The devices were sold for as little as two thousand roubles, around GBP43.00 [or \$69].

The young men were accused of illegal production, sale and acquisition for sale aims of technical facilities, aimed for secret obtaining of information and sentenced to 3 years of imprisonment.

Espionage Charge on American Scholar?

A US Fulbright scholar, John Tobin has been arrested on a drug conviction in Russia.

The spy claim was made when a Russian Scholar, Scientist Dmitry Kuznetsov stated that Tobin had interrogated him whilst he was in prison in the US. Dmitry Kuznetsov is recorded as having served a 6th Month term in

Bridgeport Jail in Connecticut, but no record exists of him being visited by John Tobin whilst in the Dept of Correction's care.

John Tobin was doing Political Research at a university in Voronezh at the time of his arrest outside a local nightclub. He was sentenced to 37 months, in April 2001, but later reduced to a year on appeal.

Whilst the espionage charges were never filed Tobin claimed that he was framed because he refused to become a spy for Russia.

Bowman system to replace Clansman.

The forty year old Clansman system will now be replaced at a cost of £1.8 Billion. The contract to build and supply the new battlefield radios has been awarded to Computing Devices Canada.

It is expected that 1600 workers in Oakdale, Gwent, South Wales will start production in 2004.

Huge support costs for Clansman added burden of some £200M. Clansman was designed in the 1960's and has become obsolete and unusable according to reports.

During the Kosovan conflict British troops turned to mobile phone use due to the ability of the Serb troops to easily eavesdrop on the Clansman transmissions.

The 12 year delay made Bowman a by-word for mismanagement by Army procurement, it is said, the apparent run of bungled MoD contracts had cost £2.8 Billion.

Geoff Hoon, Defence Secretary is reported as having stated, 'Our armed forces can now look forward to receiving the most modern and integrated secure communications system anywhere in the world.'

Menwith Hill Activity

Approximately 100 peace protesters entered Menwith at 0500 on 2nd July, 2001 according to Greenpeace. Three groups entered in protest against the 'Son of Star Wars' National Missile Defence programme. Two teams scaled razor wire topped fences to get in and later twelve protesters were seen atop a water tower.

Fifty others audaciously marched straight through the main gates of the complex whilst playing the theme tune to Mission Impossible.

Flags emblazoned with anti-Star Wars slogans were seen as were demonstrators dressed as missiles.

Some arrests were made according to the MoD. North Yorkshire Police were known to have attended.

Outside the base others collected around the main entrance and shouted at workers as they were arriving for work.

Stephen Tindale, the Greenpeace UK Executive Director said George Bush's NMD was 'a disaster' and called on Tony Blair to refuse American requests to use Menwith Hill and Fylingdales as part of the NMD.

RAF Akrotiri attacked.

At the beginning of July 40 persons were injured and damage worth about £300,000 was caused when youths rampaged and entered the British Sovereign Base.

The trouble started when a local MP was arrested staging a protest against the erection of 2 more radio masts. The Cypriot Government has requested a delay in the work until electromagnetic tests have been carried out.

The Times newspaper carried a full report on the troubles and background being of interest to E2k:

"Britain regards its two sovereign military bases on Cyprus as vital strategic interests, despite the end of the Cold War. Since the 1960s the bases have helped protect Britain's oil interests, in part replacing the Suez Canal foothold removed by Egypt's President Nasser. They collect intelligence for GCHQ, the Government's communications centre in Cheltenham. A British official said: "Cyprus is in a unique position in the world. It is at the junction of three continents. It is a really important place for us as part of our worldwide strategic communications network."

American U2 spy planes use the RAF Akrotiri base to monitor the

Camp David peace accords in the Middle East."
[Taken from The Times 05/07:
Forty hurt in Cyprus base attack by Michael Theodoulou and Michael Evans].

3500 British Soldiers are deployed in the two bases in Cyprus, which cost £168Million to run.

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

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

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

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

Issue 3 of EyeSpy! Magazine carries an interesting article entitled 'The Numbers Game' written by Harry Palmer. The flavour continues with articles on Comms interception, Echelon etc. A recommended read.

Also a letter concerning MV Gaul can be read.

E2k has already received this little adjunct about the depths of oilfields at sea: "Re: Gaul - NL 5 [ENIGMA 2000] & ES!3 Ed.[EyeSpy Mag Issue 3], Letter. Most of Gulf, i.e. Arabian side is no more than 150 ft. The deepest, more to the Iranian side, is no more than 600 ft. Brazilian fields are much deeper. Still I expect the same type of ROV's are used for both." That was received anonymously - tnx sender.

RELEVANT WEB SITES

An interesting site detailing the Turkish Intelligence Organisation, MIT:

<http://www.mit.gov.tr/english/main-e.html>

Andreas Erbe brings details of this URL:

<http://www.sma.gov.au/database/radcomm/freq.htm>

on which a real-time searchable database of licence details for all radio and TV services (LF, MF, HF, VHF, UHF, Satellite), can be found (excluding amateur), and it includes powers, emission designators, tx site locations, antenna characteristics, address, owners, operational dates, frequencies, callsigns, and lots more.

<http://www.eyespymag.com>

REQUESTS

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

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

Please make your requests or replies via e2k_news@hotmail.com or 076 2 627 6417 pager.

STOP PRESS

Oddity, bubble jammer sweeping the NAT 5-8meg aero freqs for hours overnight, heard on 16th & 17th. This has been reported before on WUN but this time neither Gander or Shanwick moved their primary freqs. [Thanks M of Kent].

Msg: Rob of Essex - Thanks for letter and contents, most helpful.

LP - Thanks for Log, rx'd 20/08, elements included here.

'D' - Not heard from you since our last acknowledgement. Pse contact E2k via alternate address.

CONTRIBUTION DEADLINES FOR 2001/2 ARE AS FOLLOWS:

Issue 7 Oct20
Issue 8 Dec10
Issue 9 Feb19
Issue 10 Apr19

Please note that all items intended for publication in the next ENIGMA 2000 newsletter should be received in good time. Please send your articles, news items and requests via the above e-mail address. Please indicate if you wish to be contacted direct.

If you wish to be credited with your article please indicate, otherwise all work will be treated as 'Anon'.

ENIGMA 2000 CAN BE PAGED VIA: 076 2627 6417

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