

ENIGMA 2000 NEWSLETTER

Sept 03

Articles, news reports and Items of interest: enigma2000-owner@yahoo.com Issue 19
<http://groups.yahoo.com/group/enigma2000>

*They mingle not with their laughing comrades again;
They sit no more at familiar tables of home;
They have no lot in our labour of the day-time;
They sleep beyond Englands foam. [Laurence Binyon]*

Welcome all, once again, to Issue 19 and we give our customary thanks to all our contributors for their ongoing support. The past 2 months have proved difficult for your editors with both illness and work commitments disrupting our activities !!, and an underestimate of the time needed to complete the revisions of our supporting listings. The improvement in listening conditions remarked upon in Issue 18 came to an abrupt halt during the last week of October when our Sun decided it was time to play some games, much has been made of this in the media and on every "radio" list so we will not expand on it here, suffice to say that NEVER in the past 6 years have we received 14 alerts in 6 days from <ips.gov.au> who supply our daily Solar & Geophysical reports.

E2K lists

By the time you receive this Issue copies of the following will have been posted on the group site, and all the other major "numbers" sites.

ENIGMA Control List Issue 19

New Short Form, Morse Stations Profile List 3 pages
New Detailed, Morse Stations Profile List 22 pages

New ENIGMA ID assignments:-

V26 & V27 a pair of strange Chinese stations that use MIXED Chinese/English
M83 is expanded to /a/b/c to include all its current formats
M89 - 92 added

Comments:-

E25, heard again clearly in UK after a long period of silence, see entry

E11, the comments in Issue 18 re the "stutter groups" (77777) come as no surprise to the CW team. This has been a feature of its CW counterpart M03 for the past 3 years or so, however it is only being sent when the GC is between 30 and 37. If the M03 message has a GC in the 50's then the stutter groups are not sent (per GD)

SELECTED MORSE STATIONS

Unid1 (per IB) 4 Oct, 01.00z, 8553kHz

TX using a known M87 freq, and also sounding like it, but with an unknown format of :-

De rdq (x11) qru qru

Zxs (x23) de rdq (x10) qru qru (etc) ending de rdq rdq rdq rdq qru qru va va

Unid2 (per IB) 12 Oct, 23.29z in prog, 7796kHz, lyw62 lyw62 lyw62 de lyw60 lyw60 qsa k

Calls appear to be legit Lithuanian ones, rather than tactical.

Unid3 (per IB)

Very strange TX to say the least, reproduced in full.

7720kHz GR34: Unid, 1154z 17 Oct CW 10f (IB)

... 93987t5 = 55353 97374 eee ? k

a: vvv rpt 345 = 334 = k

b: gr34 = t63t673395 = = = = 5535397374 r? k

a: rk

b: = = = = = gr 34 = 855192t245 = 324531t653 = 1641689282 = 9369483846

= 81371624t8 = 34t9735133 = 5355t72233 r? k

a: vvv r 44 = 57-626364t =

b: gr34 = 855192t145 = 324531t653 = 1641689282 = = = = 5355t72233 r? k

a: rk

b: = = = = =

a: rpt

b: = gr34 = 73t7t22636 = 2589142965 = 8t7685291t = 17538t9193 = 2429532158 =

8437367623 = t216782377 r? k

a: rpt aa 596 ...

b: gr34 = 73t7t22636 = 2589142965 = 8t7685291t = 17538t9193 = 2429532158 =

8437367623 = t216782377 r? k

a: vvv vvv qsa1 rpt t2 = 8 = 778 = 611 = qrs k

b: gr34 = 2489149965 = 8 eeee = = = = 8437366623 = t316782477 r? k

a: rk

b: = = = = = gr34 = 116979t413 = 67t357t2t7 r? k

a: rk

b: cq no k

a: rpt k

b: cq no k

a: as k

[Ed note :- There are a known 15 - 20 Chinese CW stations still under investigation by the CW team.]

M01

Still active on its regular freqs

M08a

On Sat 27 Sept the 13.00z / 12093kHz sked reappeared after a few months absence. The 12.00z / 10858 not heard
Timing appears to have improved. Skeds/freqs fairly consistent, still some no-shows.
Additional freqs heard
8173 unusual, 8096, 7862, 7526, 7519, 4173

M10

On 2 Sept, 04.50z, 5301//8190kHz, 555 264 21 331 41. Reuse of last years freqs.
On 11 Sept, 18.00z, 5946//9369kHz, 555 221 30 702 26
On 25 Sept, 18.00z, 5946//9369kHz, 555 783 26 343 41
On 6 Oct, 16.10z, 5028//7605kHz, 555 228 20 402 20
 16.30z, 7745//5078kHz, 555 571 20 275 31 049 38 435 21
 17.00z, 5078//8112kHz, 555 372 42 270
On 7 Oct, 06.15z, 14563//15897kHz, 555 461 45 689 39
On 8 Oct, 10.00z, 5078//7745kHz, 555 571 20 275 31 049 38 435 21 (repeat of 6 Oct)
On 9 Oct, 18.00z, 5946//9369kHz, 555 703 23
On 14 Oct, 16.40z, 7605//11416kHz, 555 360 35 276 32
On 20 Oct, 16.10z, 5028//7605kHz, 555 769 41 331 34

M12

On 1 Sept, 05.30z, 9062kHz, 115 sked
On 2 Sept, 04.02z, 9067kHz in prog, data burst after signoff (noticed previously).
On 9 Sept, 04.00z, 9067kHz, 303x3 1 R2, 2496 107 2496 107
On 23 Sept, 04.00z, 9067kHz, 303x3 1 R2
On 23 Sept, 04.20z 10367kHz, 303x3 1 R2
On 27 Sept, 19.00z, 13484kHz, 464 sked repeated 19.40z on 10473kHz
Possible new sked/freqs, the 03.40z TX proving somewhat elusive.

M13/a/b/c

Very active, about 100 TX's month and despite GD's predictions relatively few logs received.

On 6 Oct, 20.00z there were 3 M13's TX'ing on :-

4505 KHz 456 = 172 134 =

6304kHz 261 = 273 22 =

9343kHz 517 = 234 21 =

It appears that ID 456 is the only one that now sends long messages.

1 Sept, 20.00z, 9976kHz, 517 sked
1 Sept, 20.00z, 5426kHz, 456 sked
1 Sept, 21.20z, 9264kHz, 746 sked
4 Sept, 20.00z, 11216kHz, 253 sked
5 Sept, 20.00z, 6883kHz, 284 sked
5 Sept, 20.00z, 11216kHz, 284 sked
9 Sept, 21.20z, 9262kHz, 746 sked
16 Sept, 20.00z, 9976kHz, 517 sked
 21.00z, 8242kHz, 272 sked
 21.20z, 9264kHz, 746 sked
17 Sept, 21.00z, 6883kHz, 254 sked
18 Sept, 06.00z, 9177kHz, 823 sked
 06.30z, 10778kHz, 474 sked
21 Sept, 04.30z, 5584kHz, 411 sked
25 Sept, 20.00z, 11517kHz, 714 sked
26 Sept, 17.00z, 7965kHz, 448 sked
3 Oct, 20.00z, 11523kHz, 253 sked

M13b, 13 Sept, 21.00z, 3937kHz, 323 sked

M14

On 31 Aug, 23.00z, 5241kHz, clg 376

M23

Appeared on 12 Sept, after a break, 13.00z, 6850kHz, clg 364, but sounded as W64 or M64
GD remarks the CW was terrible with the first 2 or 3 dots/dashes after a space missing, recipient would have had to guess the first fig in each group
?? (Ed, interesting scenario)
On 15 Sept, 16.10z, 6850kHz sending 88888 for 10 mins

M40

On 26 Sept, 16.00z, 8788kHz a new 992 sked logged

M87

On 15 Sept, 01.00z, 8834kHz, 482 482 482 000 000 000, 482 000 000 t t t
On 23 Sept, 01.30z, 9838kHz, 249 249 249 000 000 000 x 7, 249 249 249 000 000 t t t
On 1 Oct, 01.00z, 8855kHz, 482 482 482 000 000 000 (R7) t t t
On 3 Oct, 06.30z, 11248kHz, 945 54 50 sked
On 5 Oct, 01.00z, 8819kHz, 482 482 482 000 000 (R7) t t t
On 14 Oct, 01.30z, 9816kHz, 249 249 249 333 333 333 call, 2 mssgs, ending = = 000 000 t t t

Thanks to AB, BM, DoK, GD, IB, ML, MS, PoSW, RN, Anon1 UK

UNID CW station [not numbers but interesting].

At 1800 [Summer] and 1900 [Winter] local RNGB has monitored a disciplined link. The frequencies involved are 6851, 7824, 8027 and 9104kHz. There may be others upto 12000kHz. The speed that the Morse is sent at is around 12wpm.

The message structure has this form [although the content may alter accordingly]:

OP C71 QSP FR ALL GE PSE P90 RPT
P90 VRF QIF QSL QTY CTI - -
NW HR QRU - - QRX QPN TNX 73/888
PA REW GB AR SK

The signal strength is very strong in RN GB's QTH.

The message structure appears professional although the use of 73/88 suggests otherwise.

RNGB confirms the sendings in parallel on the following freqs:-

6851 (weak); 7824 (good) 8027 (very good) 9104 (good), I checked 10493 and nothing heard, and looked in 11 mhz range , didn't have time to look in 12MHz.. Transcript for that message as follows : V5G V5G V5G DR OM HR OP U11 NW HR QRU ALL - QRX TMW - (whole tx then repeated twice), followed by OP U11 TKS - PA PUP REW 73/88 - GN AR SK

Today 29/09, 'V5G' at 1000z on 8027 10493 14681 and 16332kHz . I guess there would be a 12MHz somewhere as well. Signal strength was S9 + on 8 & 10 & 14 MHz, S6 on 16 MHz.

The msg was "" V5G OP F26 QSP FR ALL GD NW HR QRU - QRX QPN - V5G "" repeated twice then 73/88 ar sk.

Tx only lasted about 2 mins, so didn't get much time to search for other freqs. This evening 29/09 at 1800z V5G on 8027 (S9+) 9104 (S9) 6852 (S9).

Msg very short - V5G OP U27 QSP FR ALL GE - NW HR QRU - QRX QPN --- V5G (repeated twice, then usual 73/88 ending).Tx lasted only 3 mins or less.

Unless I'm in the groundwave I doubt whether this originates from UK. Southern or eastern Europe ? What do you think regarding the signal strength? Other txs that originate from UK like USAF & RAF are normally dead weedy from 9 MHz upwards. Messages must be pre assembled and machine sent as I've never heard a keying error. But read on:

RNGB stayed with the V5G mystery and eventually identified the station as the Ministry of Foreign Affairs, Bucharest Romania.

He identified the V5G as a shortened full call of YPM V5G. The 16MHz freq was 16332kHz.

Later RNGB emailed to inform us that the sked looks like this [October]: Mornings (except Sunday) 1000z 8027, 10493, 14681, 16332, 18544kHz. For the evenings 1800z 4452khz, 6852, 7824, 8027, 9104kHz.

All measured with radio set to CW mode

SELECTED VOICE STATIONS

E03/E03a

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

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

E05

After some silence E05 is back with us: AnonUK heard E05 and sent this message to ENIGMA2000:

"E05 is back with us, on at present on 8110 calling 652" then following up with the second frequency.[Thanks AnonUK]

PoSW wrote to say that he too listened for E05 and discovered that carriers were up as early as 1030z on 8110kHz and its parallel freq of 10583kHz.

PoSW also noted the nearby XJT which causes some concern.[Tnx PoSW]

A listing of E05 freqs can be found on: <http://www.cvni.net/radio/skeds/output/E05.deprec.txt>

8110kHz	1204z	29/09 [calling 652] //10581kHz
	1200z	01/10 [133-215/779 39], rpt 30/09 PLondon
	1200z	03/10 [133 etc] MPCrete and JPGB
	1200z03/10	[133 etc] MPCrete
10582kHz	1200z	30/09 [133-215/779 39] PLondon
	1200z	03/10 [133 etc] MPCrete and JPGB, PoSW
16110kHz	1215z	03/10 [ended 1250z] MPCrete

On 01/10 PLondon lugged his RX out during his lunch hour to discover that the signal on 8110 was S9+ whilst the //10583kHz was below par and smothered by a noisy signal on top of it. Deliberate or just one of those things?

Recently, 22/10, PoSW wrote that he had lost track of the 1200z E05 on 8,110 // 10,583 kHz noting that it did not seem to be around on Saturdays and Sundays and there was no sign of any other E05 schedules.

Peter then followed up with a 'flash' message to E2k that stated:

LATE NEWS ITEM!! :- TWO KNOWN E05 FREQUENCIES, 8080 & 8110kHz NOTED THIS MORNING, SAT 25th 0715z

S9+ CARRIERS MOD WITH 1016Hz TONE, BOTH WENT QRT 0729z

This is definitely worth keeping an eye out for - Thanks for this message PoSW.

E06

Voice Variant:

RNGB caught an English number station at 1700z 11/09 on 8170kHz (lsb well suppressed). He had never heard this OM before and asked if it was E20?

Like myself he had never heard E20. [two messages, different recipients, messages in different voices].

This sent a dual message; ID '671' repeated for 4 mins then 840 (35 groups); '671' repeated for short while then 928 (30 groups) each group repeated once.

The second message broke down half way through, '671' repeated, then message continued from break, ending 928x2 30x2 00000. RN GB recorded the whole transmission on tape sending both ENIGMA 2000 and Ary a 1 min sound clip for identification purposes.

The station has since been identified as a voice variant E06 and will be noted in the control list.

[Thanks to AnonUK, MikeL, PLondon and RNGB with the identification of this variant].

The sound sample can be heard in the Files Section, Sound Samples as 'E06 voice variant'.

8170kHz 1700z 11/09 [671-840/35 928/30 00000] RN GB, voice variant also heard by Gert.
2000z 23/09 [471 null msg] Gert

Of the usual E06 PoSW writes, "The E06 English Man continues to be busy; the Saturday 1230z + 1330z which was a regular schedule for several years seems to have gone - I haven't been able to this one since July. If it is still around it must be either a very weak signal or hidden inside the broadcast bands. However, there is a schedule running on the second and fourth Saturdays in the month at 1400z, repeated 1500z; and furthermore has been noted with two separate transmissions on at the same time with the same DK/GC but a different call, most bizarrely on Saturday 11-Oct at 1500z when the two separate E06s were logged with the same message and were mixing with each other."

PoSW's E06 log:

28-Aug-03, Thursday, 2211z, 9,060kHz, transmission in progress, strong signal, slightly distorted speech, lower sideband suppressed, ended a few minutes later with "230 230 55 55 00000".

29-Aug-03, Friday, 2200z, 9,060kHz, call "597", DK/GC a repeat of yesterday's "230 230 55 55".

13-Sept-03, Saturday, 1400z, 14,978kHz, E06 calling "109", DK/GC "234 234 65 65", signal peaking S9 but with deep QSB, lower sideband well suppressed.

1500z, 12,208kHz, repeat of "109" and "234 234 65 65", weaker than the first sending, S6.

27-Sept-03, Saturday, 1400z, 14,993kHz, "109" and "837 837 64 64"

1500z 12,208kHz, repeat of "109" and "837 837 64 64". Strong signal, lower sideband well suppressed.

1506z, 10,290kHz, another E06 running at the same time as the one on 12,208kHz; and when it ended at 1515z it did so with the same DK/GC as the one on 12,208, i.e. "837 837 64 64 00000", although a check with two receivers had shown that the two transmissions were not running in parallel.

28-Sept-03, Sunday, the next day repeats of yesterday's transmissions running at the same times, two different calls but each with the same DK/GC:-

1400z 14,991kHz, and 1500z, 12,208kHz, "109" and "837 837 64 64".

and:-

1400z, 12,190kHz, and 1500z, 10,290kHz, "917" and "837 837 64 64".

1851z, 10,220kHz, E06 transmission in progress, weak signal, difficult copy due to heterodyne from a carrier a few hundred Hz away, ended just before 1901z with "328 328 157 157 00000".

1930z, 7,780kHz, call "690", DK/GC "328 328 157 157", a repeat of the E06 noted on 10,220. Much stronger signal, S9 with the lower sideband well suppressed

1-Oct-03, Wednesday, 2100z 6,950kHz, "731 731 731 00000", very strong signal with lower sideband well suppressed.

2-Oct-03, Thursday, 0623z, 15,880kHz, early morning E06 in progress, signal strength S7 with deep QSB, lower sideband well suppressed, ended 0633z with "326 326 149 149 00000".

5-Oct-03, Sunday, 1930z 6,860kHz, "690 690 690 00000", good signal, lower sideband well suppressed, carrier noted approx. 15 minutes earlier. E06 schedule with call "690" was noted on Sunday 28-Sept on higher frequencies, see above.

11-Oct-03, Saturday, 1402z 15,920kHz, E06 in the middle of call up with "891", then "837 837 64 64" - a message with this DK/GC was also heard on Saturday 27-September, see above, S9+ signal, some QRM from FSK signal slightly LF, removed by copying E06 with the RX in USB mode.

1500z - 14,478kHz, and 13,910kHz, two E06 transmissions with different calls, "891" and "547" but both had the same DK and GC, "837 837 64 64", as with the earlier transmission - and they were mixing with each other. Strong carrier on 14,478 had been noted around 1445z and 13,910kHz, about 5 minutes afterwards. Monitoring both carriers on two receivers just before 1500z when audio tones came up on both frequencies at the same time seemed to indicate parallel working. The fun began a few seconds after 1500z when the English Man started up with calls "891" and "547" - both calls could be heard on at the same time on each of the two frequencies, one overlaying the other although "891" was the loudest on both frequencies. As the transmission progressed to the DK/GC of "837 837 64 64" the two transmissions were almost in parallel - but not quite! Listening to both transmissions at the same time gave a strange echo effect. Even stranger was something heard on 14,478 shortly after being tuned in; three times, quite distinctly, there was the sound of a strident chord from a piano; and I am sure it was that noise you get with from a PC running Windows 95 when one does something not very clever and an error message pops up on the screen. Some of us who are not too well versed in computers are quite familiar with this sound! So perhaps we can infer from this that E06 and related number stations are controlled by Windows 95 software!

12-Oct-03, Sunday:- the next day repeat of yesterday's transmissions but with none of the problems noted yesterday:-

1400z, 15,920kHz, "891" and "837 837 64 64".

1406z, 17,455kHz, transmission in progress, ended with "837 837 64 64" at 1415z, must be the first sending of the other E06 schedule using this DK and GC.

1500z 13,910kHz, "891" and "837 837 64 64" and on at the same time, 14,478kHz, "547" and "837 837 64 64", both transmissions quite separate, no mixing.

1930z 6,860kHz, "690 690 690 00000", strong signal, was also noted last Sunday.

[TnxPoSW]

Other E06 logs:

8141kHz 2100z 03/09 [527 139 139 46 46=50617] LC

Gert reported hearing E06 sending '123456789' repeated at 2050z 19/09 on 5731kHz:

5731kHz	2050z	19/09 [123456789 rpt'd] Gert.
6820kHz	2202z	25/09 [361] E
6868kHz	2100z	09/09 [471 00000] RN GB
12220kHz	1500z	13/09 af
12208kHz	1500z	13/09 [109-234/65=01254] hfd
	1510z	28/09 loud in Darmstadt, also with AF
14478kHz	1500z	26/10 [547 837 64 78450 26004] RN GB
14740kHz	1230z	14/09

E07

AnonUK kindly notified us of the E07 afternoon fixtures for Sunday and Wednesday and remarked that it "Seems a bit silly to use that 13828 frequency with so many high power BC stations on there." PoSW also offered the same information and logs. [This high freq use also been noticed with other stations too, notably the Polytones].

From AnonUK: E07 Sunday and Wednesday 1700z 13828, 1720z 12185, 1740z 10827kHz: [ID 818](#).

From RNGB2000z 13416, 2020z 11625, 2040z 10292kHz

10935kHz 2010z 11/09 [340:1-102/63=51057] hfd

13415kHz 2000z 08/09 [462 +msg 000 000] JoA

2000z 10/09 [msg in prog] PP

From Gert, hfd and AF:

6934kHz	0510z	17/09 [913:0]
7887kHz	2050z	11/09 [340:1- 102/63=51057]
9442kHz	2030z	11/09 [340:1- 102/63=51057]
10290kHz	2040z	08/09 [462:2-4386/25=64465]
10293kHz	2040z	01/09 [462:1- 752/38=66387]
	2040z	10/09 [weak]
10935kHz	2010z	11/09 [340:1- 102/63=51057]
11625kHz	2020z	08/09 [462:2-4386/25=64465]
12187kHz	1720z	17/09 [nnn:0] undermodulated
13415kHz	2000z	01/09 [462:1- 752/38=66387]
	2000z	08/09 [462:2-4386/25=64465]
13416kHz	2000z	10/09 [weak]
13828kHz	1700z	14/09
	1700z	17/09 [nnn:0] undermodulated

PoSW notified us of the Thursday schedule, and new freqs for October:

11-Sept-03, 2010 z 10,934 kHz "340 340 340 1", DK/GC "102 62" x 2.

2030z, 9,447kHz and 2050z 7,887kHz repeat sendings of "340" and "102 63".

25-Sept-03, 2010z 10,934kHz and 2030z 9,447kHz "340 340 340 000".

2-Oct-03, 2010z - new frequencies for October - 8,077kHz, "721 721 721 000". Very strong signal, S9+.

2030z 6,926kHz second sending of "721 721 721 000", slightly weaker than first sending. [Txn PoSW].

RN GB sent his September log for E07:

9447kHz	2030z	17/09 [340 000]
	2030z	23/09 [340 000]
10292kHz	2020z	01/09 [462 1 752 38 66387 ...]
10828kHz	1740z	10/09 [818 1 07229 00083...]
10934kHz	2010z	17/10 [340 000]
	2010z	23/09 [340 000]
11625kHz	2020z	10/09 [462 1 4386 25 64465]
12187kHz	1720z	10/09 [818 1 07229 00083...]
13416kHz	2000z	01/09 [462 1 752 38 66387 ...]
	2000z	08/09 [462 2 25 64465 79346...]
	2000z	10/09 [462 1 4386 25 64465]
13828kHz	1700z	10/09 [818 1 07229 00083...]
1700z	14/09	[818 1 7229 83 83467 45050...]

RN GB was the first to let us know that the early and late evening freqs for October were:

1700/1720/1740z 12215/10814/ 9346kHz [all AM mode] '283' 545 (88 groups) starting 17011

2000/2020/2040z 10657/ 9367/ 7776kHz [all AM mode] '637' 871 (59 groups) starting 29098

Followed by PoSW with:

2010/2030z 8077/6926kHz which he noticed was sending 712 712 721 000 on 02/10

10655kHz 2000z 06/10 [637 637 637 1 871 59 871 59] AnonUK

12215kHz 1700z 20/10 [his transmission had a good strong signal and AnonUK writes, 'This was odd because it repeated the same 2 messages as sent last Sunday, and I have never heard E07 repeat messages. I know that M12 does, but that is always on the same day apart from that mentioned below. The message to ID 749 at 1620 gets repeated to a different ID. Although there was a time many years ago when M12 sent the same message for many months [Txn AnonUK]

12215kHz 1700z 22/10 [283 2] PP France

On 23rd October 03 PoSW noted the Thursday schedule, 2010z 8077kHz, 2030z 6926kHz and 2050z 5216kHz [Jet QRM on last transmission] sent 721 721 721 1 dk/gc 930 49 x2

RN GB and Gert's October log:

6926kHz 2030z 09/10 [721 000]
6934kHz 0510z 10/10 msg not copied
7776kHz 2040z 01/10 [637 871 59 29098 05205...]
8103kHz 0530z 08/10 [913-5813/143=90801] Gert
8077kHz 2010z 02/10 [721 000] Gert
2010z 09/10 [721 000]
9346kHz 1740z 01/10 [283 545 88 17011 83146]
9367kHz 2020z 01/10 [637 871 59 29098 05205...]
2020z 01/10 [637 871 59 39098] Gert
10657kHz 2000z 01/10 [637 871 59 29098 05205...]
2000z 20/10
10814kHz 1720z 01/10 [283 545 88 17011 83146]
1720z 08/10 [283-545/88=17011] Gert
1720z 15/10 [283-497/52=30465] Gert
12215kHz 1700z 01/10 [283 545 88 17011 83146]
1700z 12/10 [2 msg format; msg1: 283-497/62=30465 msg2: 283-545/88=17011]
1700z 15/10 [283 497 62 30465 00981]

E10

From our E10 Desk: Sept 03

2.626

00:01 19/9 FTJ G72 EBCAH

3.150

00:30 11/9 PCD G49 CRROV * 00:30 13/9 PCD **G49 CRROV** * 00:30 26/9 PCD G60 PCBQW

3.640

23:45 2/9 CIO2 <> 21:45 16/9 CIO2 <> 02:45 24/9 CIO2 <> 00:45 27/9 CIO2

3.840

01:00 2/9 YHF G26 KMOVXB + G67 HFRRU * 00:01 15/9 YHF2 * 01:00 24/9 YHF G35 LWLIO + G31 CQJVG

01:00 28/9 YHF G9 KPJNB * 01:00 30/9 YHF **G9 KPJNB**

4.015

23:45 2/9 VLB2 <> 02:45 24/9 VLB2 <> 00:45 27/9 VLB2

4.165

00:15 2/9 KPA2 <> 23:15 16/9 KPA2 <> 01:15 28/9 KPA2

4.270

00:30 13/9 PCD **G49 CRROV** * 20:00 15/9 PCD2 * 23:30 17/9 PCD G93 DWNCC + G35 OZJHO (Freq 4.269.8)

23:30 18/9 PCD **G93 DWNCC** + **G35 OZJHO** * 22:00 25/9 PCD G49 NFXPG * 00:30 26/9 PCD G60 PCBQW

21:00 27/9 **PCD1**

4.360

00:15 2/9 MIW2 <> 23:15 15/9 MIW2 <> 01:15 28/9 MIW2

4.461

00:30 2/9 FTJ G5 AKDFH * 23:00 4/9 FTJ G100 ROIPI * 00:01 15/9 FTJ G 22 LPNXL

23:00 17/9 FTJ2 * 23:00 18/9 FTJ G50 YTCMV

4.648

00:15 2/9 KPA2 <> 23:15 16/9 KPA2 <> 01:15 28/9 KPA2

4.780

00:45 2/9 SYN2 <> 21:45 16/9 SYN2 <> 02:45 25/9 SYN2

4.880

00:01 19/9 ULX2

5.091

23:00 4/9 JSR G65 EKM?Z * 23:30 17/9 JSR G92 PUHKY 23:00 18/9 JSR G18 AMOLJ

23:00 22/9 JSR2 * 22:00 24/9 JSR G35 MTVCU

5.170

00:45 2/9 VLB2 <> 21:45 16/9 VLB2 <> 02:45 24/9 VLB2 <> 00:45 27/9 VLB2

5.230

00:45 2/9 CIO2 <> 18:45 18/9 CIO2 * 00:45 24/9 SYN2 * 01:45 24/9 CIO2 <> 02:45 24/9 CIO2

00:45 27/9 CIO2

5.339

00:15 2/9 KPA2 <> 23:15 18/9 KPA2 (Freq 5.338.7) <> 01:15 28/9 KPA2

5.435

01:00 2/9 ART2 * 00:01 4/9 ART **G19 KETRO** * 00:01 15/9 ART G107 DKEKU

23:00 16/9 ART G96 QMRKX * 23:00 18/9 ART **G96 QMRKX** * 01:00 24/9 ART2

5.820

23:00 15/9 YHF2

6.270

00:01 11/9 ULX G93 ACGEN

6.498

22:30 16/9 PCD G10 JCXY * 23:30 18/9 PCD **G93 DWNCC** + **G35 OZJHO**

23:30 19/9 PCD **G93 DWNCC** + **G35 OZJHO**

6.840

00:30 11/9 EZI G92 DJMKV

6.912

00:45 2/9 SYN2 <> 23:45 14/9 SYN2 * 00:45 15/9 **SYN2-2** * 02:45 24/9 SYN2 <> 00:45 27/9 SYN2
6.930
00:15 2/9 MIW2 <> 23:15 17/9 MIW2 <> 01:15 28/9 MIW2
6.986
00:01 15/9 ART G107 DKEKU

7.445
17:15 16/9 KPA2
7.605
00:15 2/9 MIW2 <> 17:15 16/9 MIW2 <> 21:15 27/9 MIW2
7.690
00:45 2/9 VLB2 <> 18:45 18/9 VLB2 <> 02:45 24/9 VLB2 <> 00:45 27/9 VLB2
7.760
02:00 24/9 ULX G55 FFPQG
7.811
23:45 3/9 CIO2 <> 18:45 18/9 CIO2 * 00:45 24/9 SYN2 * 01:45 24/9 CIO2 * 02:45 24/9 SYN2
20:45 24/9 CIO2 <> 00:45 27/9 CIO2

8.025
00:45 2/9 SYN2 <> 18:45 18/9 SYN2 <> 00:45 27/9 SYN2

9.130
23:30 2/9 EZI **G18 MESOP** * 23:00 3/9 EZI **G 90 PVCFL** * 23:30 6/9 EZI **G18 MESOP**
17:00 7/9 EZI G16 LZRF * 00:30 11/9 EZI G92 DJMKV * 22:30 15/9 EZI G 70 YFSNF
19:00 18/9 EZI2 * 23:30 22/9 EZI **G18 MESOP** * 23:00 30/9 EZI G65 WXBEL
9.202
23:30 22/9 YHF2

11.565
20:30 5/9 EZI2 * 22:00 8/9 EZI G60 TBDVK * 23:00 16/9 EZI G52 UXMPZ
22:30 22/9 EZI G12 FBKZ

17.410
16:30 8/9 EZI2

Bold Print Denotes Repeated message. <> Denotes From - To. No Change To Schedule Heard

E10 LogComments

Reception during the first half of September has been very poor at this location here in Kent

15 Sept

At 00:45 hrs **SYN2-2** heard calling on 6.912 normal procedure ending at 00:50 hrs (New one for me)

At 23:36hrs on Freq 5.091 two stations transmitting different groups at the same time. Normally JSR is heard on this freq

According to my log at 23:30hrs on the 15 Aug last month it was JSR & ART doing the same thing, unfortunately this time I was too late to hear the opening calls.

24 Sept

SYN2 switched to freq 7.811 & 5.230 for the 00:45 transmission (Normally occupied by CIO2) but it was back to normal with CIO2 on the 01:45 hrs transmission. At 02:45 it was SYN2 again but only on 7.811.

27 Sept

At 21:00 on 4.270 **PCD1** Transmitted its 5mins call, no group message. (Last reported heard by RN GB on the 17 June on freq 8.805)

Thanks to J6m A frequency that is not often reported : EZI on 15.980. I will add this to the ever increasing freq list.

A Big thankyou to JC Malta for his extensive E10 logs for Sept of which I append here, I have re-arranged his lists to make for a more easier reading and saving of space and have highlighted the repeated group messages. I hope this meets with your approval JC. JC 's overall reception was reported good

1Sept

1800 6840 EZI G23 WCHBL
1800 5435 ART2 * 1830 5435 ART * 1900 5435 ART2
1800 9130 EZI G23 WCHBL * 1830 9130 EZI G79 CJZSO * 1900 9130 EZI G96 PCFYU
1815 6930 MIW2
1815 5339 KPA2
1830 11565 EZI G79 CJZSO
1830 6270 ULX G85 NWCCR
1830 4270 PCD G94 JUERA
1845 5230 CIO2
1845 5170 VLB2
1900 6840 EZI G96 PCFYU

2Sept

1800 9130 EZI G38 LIHHF * 1830 9130 EZI G79 OTZSO + G39 BGWDJ
1800 5435 ART2 * 1830 5435 ART2 * 1900 5435 ART2
1800 6840 EZI G38 LIHHF * 1900 6840 EZI **G96 PCFYU**
1815 6930 MIW2
1815 5339 KPA2
1830 11565 EZI G79 OTZSO + G39 BGWDJ
1830 6270 ULX **G85 NWCCR**
1830 4270 PCD **G94 JUERA**
1845 5230 CIO2
1845 5170 VLB2

3 Sept

1800 6840 EZI **G38 LIHHF** * 1830 6840 EZI G79 OJZSO * 1900 6840 EZI G94 OENHD + G93 BJDZ
1800 9130 EZI **G38 LIHHF** * 1900 9130 EZI G94 OENHD + G93 BJDZ
1815 6930 MIW2
1830 6270 ULX
1830 4270 PCD
1900 5435 ART2/JSR

Note JSR and ART transmitting on same freq, then JSR was switched off

4 Sept

2200 6840 EZI G90 PVCFL * 2330 6840 EZI G77 HJDRX
2200 9130 EZI G90 PVCFL * 2230 9130 EZI **G18 MESOP** * 2330 9130 EZI G77 HJDRX
2200 5435 ART G95 XC?UY * 2230 5435 ART G95 XEFXZ * 2300 5435 ART **G19 KETRO**
2215 5339 KPA2 * 2315 5339 KPA2
2215 4648 KPA2 * 2315 4648 KPA2
2215 6930 MIW2 * 2315 6930 MIW2
2230 4270 PCD2 * 2330 4270 PCD
2245 5230 CIO2 * 2345 5230 CIO2
2245 5170 VLB2 * 2345 5170 VLB2
2315 4360 MIW2
2330 5435 ART G92 GWALL * 0000 5435 ART2

5 Sept

2100 5435 ART2 * 2130 5435 ART G76 RXQFE * 2200 5435 ART G75 XC?VY * 2230 5435 ART G92 XEFXZ
2115 6930 MIW2
2115 4360 MIW2
2115 5339 KPA2
2115 4648 KPA2
2130 6840 EZI G48 MRWEF * 2200 6840 EZI G90 PVCFL
2130 9130 EZI G48 MRWEF * 2200 9130 EZI G90 PVCFL * 2230 9130 EZI 1
2130 4270 PCD2 * 2230 4270 PCD2
2145 5230 CIO2 * 2245 5230 CIO2
2145 5170 VLB2 * 2245 5170 VLB2
2300 5435 ART **G19 KETRO**

6 Sept

1800 6840 EZI2 * 1900 6840 EZI G93 BLDQD
1800 9130 EZI2 * 1830 9130 EZI * 1900 9130 EZI G93 BLDQD
1800 5435 ART2 * 1830 5435 ART G40 ?PEBR * 1900 5435 ART2
1815 6930 MIW2
1815 5339 KPA2
1830 6270 ULX G85 NWCCR
1830 4270 PCD
1845 5230 CIO2
1845 5170 VLB2

7 Sept

1800 6840 EZI2 * 1900 6840 EZI **G93 BLDQD + G ? LWGOJ**
1800 5435 ART2 * 1830 5435 ART G27 NUGVV * 1900 5435 ART2 * 1930 5435 ART G32 VQYUF
1800 9130 EZI2 * 1830 9130 EZI G97 LUFYR + G11 UJYWI * 1900 9130 EZI **G93 BLDQD + G ? LWGOJ**
1815 6930 MIW2 * 1915 6930 MIW2
1830 11565 EZI G97 LUFYR + G11 UJYWI * 1930 11565 EZI2
1830 6270 ULX **G85 NWCCR**
1830 4270 PCD G24 VFHRO * 1930 4270 PCD G8 GCRQL
1845 5170 VLB2 * 1945 5170 VLB2
1845 5230 CIO2 * 1945 5230 CIO2
1915 4360 MIW2
1915 5339 KPA2
1915 4648 KPA2
2000 9130 EZI

9 Sept

1800 5435 ART2 * 1830 5435 ART G63 RPFNF + G27 NUGVV * 1900 5435 ART2
1800 9130 EZI2 * 1830 9130 EZI **G97 LUFYR + G11 UJYWI**
1800 6840 EZI2
1815 6930 MIW2
1815 5339 KPA2
1830 11565 EZI **G97 LUFYR + G11 UJYWI**
1830 6270 ULX G82
1830 4270 PCD G44 NF??G
1845 5230 CIO2
1845 5170 VLB2

12 Sept

2200 6840 EZI G59 FJYJR + G52 UXMPZ * 2330 6840 EZI G92 DJMKV
2215 6930 MIW2 * 2315 6930 MIW2
2215 5339 KPA2 * 2315 5339 KPA2
2215 4648 KPA2
2215 4360 MIW2
2230 5435 ART G94 Y?ZMK * 2300 5435 ART G147 DKE?V * 2330 5435 ART G47 KEXRM * 0000 5435 ART2
2230 4270 PCD * 2330 4270 PCD G49 CRR?V
2245 5170 VLB2 * 2345 5170 VLB2
2245 5230 CIO2 * 2345 5230 CIO2
2330 9130 EZI G92 DJMKV

13 Sept

1800 5435 ART2 * 1830 5435 ART G63 XFVAJ * 1900 5435 ART2
1800 9130 EZI2 * 1830 9130 EZI2 * 1900 9130 EZI2
1800 6840 EZI2
1815 6930 MIW2
1815 5339 KPA2
1830 11565 EZI2
1830 6270 ULX G82 YHOGH
1830 4270 PCD G49 NFXPG
1845 5230 CIO2
1845 5170 VLB2

14 Sept

1800 5435 ART2 * 1900 5435 ART2 * 1930 5435 ART G32
1800 9130 EZI **G19 AYCHF** * 1830 9130 EZI2 * 1900 9130 EZI2 * 2000 9130 EZI G59 FJYJR + G52 UXMPZ
1800 6840 EZI **G19 AYCHF** * 1930 6840 EZI2
1815 6930 MIW2 * 1915 6930 MIW2
1815 5339 KPA2 * 1915 5339 KPA2
1830 11565 EZI2
1830 4270 PCD **G49 NFXPG** * 1930 4270 PCD G20 VJZMN
1830 6270 ULX **G82 YHOGH** * 1930 6270 ULX2
1845 5170 VLB2 * 1945 5170 VLB2
1845 5230 CIO2 * 1945 5230 CIO2
1915 4648 KPA2
1915 4360 MIW2

15 Sept

1800 9130 EZI **G19 AYCHF** * 1900 9130 EZI G76 LIHVL
1800 6840 EZI **G19 AYCHF** * 1900 6840 EZI G76 LIHVL
1815 6930 MIW2
1830 4270 PCD2
1830 6270 ULX **G82 YHOGH**
1845 5230 CIO2
1845 5170 VLB2
1900 5435 ART2

18 Sept

1800 6840 EZI2 * 1900 6840 EZI G23 RHNON * 1930 6840 EZI G37 BNDBG
1800 9130 EZI2 * 1830 9130 EZI G52 MTUYG * 1900 9130 EZI G23 RHNON * 1930 9130 EZI G37 BNDBG
1800 5435 ART2 * 1830 5435 ART2 * 1900 5435 ART2 * 1930 5435 ART G32 VQYUF
1815 6930 MIW2 * 1915 6930 MIW2
1815 5339 KPA2 * 1915 5339 KPA2
1830 11565 EZI G52 MTUYG * 1930 11565 EZI G37 BNDBG
1830 6270 ULX G82 T?HQB * 1930 6270 ULX2
1830 4270 PCD2 * 1930 4270 PCD G5 JUZDK
1845 5230 CIO2 * 1945 5230 CIO2
1845 5170 VLB2
1915 4360 MIW2

19 Sept

1800 6840 EZI G19 AYCHF * 1900 6840 EZI **G23 RHNON** * 1930 6840 EZI **G37 BNDBG**
1800 5435 ART2 * 1830 5435 ART G180 DWDZA * 1900 5435 ART2 * 1930 5435 ART G32 VQYUF
1815 6930 MIW2 * 1915 6930 MIW2
1815 5339 KPA2 * 1915 5339 KPA2
1830 11565 EZI G50 MTJYG * 1930 11565 EZI **G37 BNDBG**
1830 9130 EZI G50 MTJYG * 1900 9130 EZI **G23 RHNON** * 1930 9130 EZI **G37 BNDBG**
1830 4270 PCD2 * 1930 4270 PCD G8 EIKFX
1830 6270 ULX **G82 YHOGH** * 1930 6270 ULX2
1845 5230 CIO2 * 1945 5230 CIO2
1845 5170 VLB2 * 1945 5170 VLB2
1915 4360 MIW2
1915 4648 KPA2
2000 9130 EZI G59 FJYJ? + G52 UXMPZ

20 Sept

2100 5435 ART2 * 2130 5435 ART G76 RXQFE * 2200 5435 ART G96 QMRKX * 2300 5435 ART G138 PWUEJ + G11 MQWNV
2130 6840 EZI 10minutes long * 2200 6840 EZI **G59 FJYJ? + G52 UXMPZ**
2130 4270 PCD G10 JCROW
2145 5230 CIO2 * 2245 5230 CIO2
2145 5170 VLB2 * 2245 5170 VLB2
2200 9130 EZI **G59 FJYJ? + G52 UXMPZ**
2215 6930 MIW2
2215 5339 KPA2
2215 4648 KPA2
2215 4360 MIW2

21 Sept

2200 9130 EZI **G52 UXMPZ** * 2230 9130 EZI **G18 MESOP**
2200 5435 ART G96 QMRKF * 2230 5435 ART G96 FZOZE * 2300 5435 ART G18 HWSWO * 2330 5435 ART G85 WKHVN * 0000 5435
ART2
2215 6930 MIW2 * 2315 6930 MIW2
2215 5339 KPA2 * 2315 5339 KPA2
2215 4648 KPA2 * 2315 4648 KPA2 * 2315 4648 KPA2
2215 4360 MIW2 * 2315 4360 MIW2

2245 5230 CIO2 * 2345 5230 CIO2
 2245 5170 VLB2 * 2345 5170 VLB2
 2330 6840 EZI G77 JNJWM + G34 IPPIJ
 2330 4270 PCD2
22 Sept
 1800 9130 EZI2 * 1830 9130 EZI * 1900 9130 EZI **G23 RHNON** * 1930 9130 EZI **G37 BNDBG**
 1800 5435 ART2 * 1830 5435 ART G133 SJBUU * 1900 5435 ART2 * 1930 5435 ART G32 VQYUF
 1800 6840 EZI2 * 1900 6840 EZI **G23 RHNON**
 1815 5339 KPA2 * 1915 5339 KPA2
 1815 6930 MIW2 * 1915 6930 MIW2
 1830 6270 ULX G75 GAKIS * 1930 6270 ULX2
 1830 4270 PCD G49 NFXPG * 1930 4270 PCD G120 RIYMJ + G39 DYAUD
 1845 5170 VLB2 * 1945 5170 VLB2
 1915 4648 MIW2
 1915 4640 KPA2
 1945 5230 CIO2
 2000 9130 EZI G59 FJYJR + G53 UXMPZ
26 Sept
 1800 6840 EZI G55 DGTEB * 1900 6840 EZI G15 MURYO
 1800 9130 EZI G55 DGTEB * 1900 9130 EZI G15 MURYO
 1800 5435 ART2 * 1830 5435 ART2 * 1900 5435 ART2
 1815 6930 MIW2
 1815 5339 KPA2
 1830 4270 PCD G60 MARYA + G75 NFXPG
 1830 6270 ULX **G75 GAKIS**
 1845 5230 CIO2
 1845 5170 VLB2
27 Sept
 1800 9130 EZI G55 DGTEB * 1830 9130 EZI
 1800 6840 EZI G55 DGTEB
 1800 5435 ART2 * 1900 5435 ART2
 1815 6930 MIW2
 1815 5339 KPA2
 1830 4270 PCD G84 XZOSS
 1830 6270 ULX **G75 GAKIS**
 1845 5230 CIO2
 1845 5170 VLB2
28 Sept
 1800 6840 EZI2
 1800 9130 EZI2 * 1830 9130 EZI * 1900 9130 EZI **G23 RHNON**
 1800 5435 ART2 * 1830 5435 ART G133 SJBUU * 1900 5435 ART2
 1815 6930 MIW2
 1815 5339 KPA2
 1830 4270 PCD G60 MARYA + G75 NFXPG
 1830 6270 ULX **G75 GAKIS**
 ©BMDartford Sept 2003

From our E10 Desk Oct 03:

2.626

00:01 2/10 FTJ G72 EBCAH * 00:01 13/10 FTJ2

3.150

00:01 2/10 PCD2 <> 00:30 16/10 PCD2 * 23:30 26/10 PCD G57 NSJZC * 00:01 29/10 PCD G39 OHQXF

3.360

23:45 26/10 VLB2 (New Freq)

3.415

22:30 21/10 ART G89 SKBCN * 22:00 25/10 ART2 * 00:01 29/10 ART2

3.640

23:45 1/10 CIO2 * 23:45 5/10 SYN2 (Freq Change) * 23:45 8/10 SYN2 <> 21:45 16/10 SYN2

23:45 26/10 CIO2 <> 22:45 28/10 CIO2

3.840

00:01 6/10 YHF2 * 01:00 13/10 YHF G9 KPJNB * 01:00 18/10 YHF **G9 KPJNB**

4.015

23:45 1/10 VLB2 <> 20:45 8/10 VLB2 <> 21:45 16/10 VLB2

4.165

23:15 1/10 KPA2 <> 21:15 8/10 KPA2 <> 00:15 16/10 KPA2

4.270

23:30 1/10 PCD G112 JEKBN * 20:00 3/10 **PCD1** * 20:30 3/10 PCD G23 NFQTN * 00:30 5/10 PCD2

20:30 8/10 **PCD1** * 23:30 12/10 PCD **G117 SVEDP** * 21:00 14/10 PCD2

4.360

23:15 1/10 MIW2 <> 21:15 8/10 MIW2 <> 00:15 16/10 MIW2 <> 00:15 25/10 MIW2

23:45 26/10 CIO2

4.461

00:01 2/10 FTJ G72 EBCAH * 00:01 6/10 FTJ **G72 EBCAH** * 23:00 6/10 FTJ G107 NZEHD

23:00 10/10 FTJ2 * 00:30 12/10 FTJ G114 JCSEN * 23:00 13/10 FTJ G58 BQGN

4.648
 23:15 1/10 KPA2
4.780
 23:45 5/10 SYN2 <> 20:45 8/10 SYN2 <> 21:45 16/10 SYN2 <> 21:45 22/10 SYN2 *
 00:15 29/10 MIW2 (Freq Change) extended call ended 00:26hrs
4.880
 00:01 2/10 ULX G86 UIQXI * 23:00 6/10 ULX2 * 21:30 16/10 ULX G58 G?PWH
 00:01 23/10 ULX G26 VZGVK + G101 JSJQX

5.091
 21:00 3/10 JSR2 * 23:30 6/10 JSR G87 XULTX * 21:00 14/10 JSR2 * 23:00 14/10 JSR G24 HHRJD
 21:30 16/10 JSR2
5.170
 18:45 1/10 VLB2 <> 20:45 8/10 VLB2 <> 21:45 16/10 VLB2 * 23:45 26/10 CIO2 (Freq change)
 22:45 28/10 CIO2
5.230
 23:45 1/10 CIO2 <> 20:45 8/10 CIO2 <> 21:45 16/10 CIO2
5.339
 23:15 1/10 KPA2 * 00:15 29/10 KPA2 extended call ended 00:26 hrs
5.435
 23:30 1/10 ART G71 VWSZU * 00:01 6/10 ART G18 HWSWO * 00:01 9/10 ART **G18 HWSWO**
 00:01 13/10 ART **G18 HWSWO** * 23:30 13/10 ART2
5.437
 01:30 4/10 ART G60 GJUHM
5.820
 20:30 8/10 YHF2

6.270
 00:01 2/10 ULX G86 UIQXI * 23:35 5/10 PCD G90 YHTRT (Freq Change) * 02:00 7/10 ULX G55 FFPQG
 23:00 13/10 ULX2
6.370
 18:15 5/10 KPA2 <> 21:15 8/10 KPA2 <> 00:15 16/10 KPA2 <> 00:15 25/10 KPA2 <> 00:15 29/10 KPA2
6.498
 23:30 1/10 PCD G112 JEKBE * 23:30 8/10 PCD G117 SVEDP * 23:30 12/10 PCD **G117 SVEDP**
6.840
 02:00 7/10 EZI2
6.912
 18:45 1/10 SYN2
6.930
 23:15 1/10 MIW2 * 17:15 7/10 **MIW G15 ECOSG** (ending 18:22hrs) * 19:15 8/10 MIW2
6.986
 20:00 3/10 ART2

7.358
 22:00 9/10 FTJ G21 HPUPT
7.445
 01:15 6/10 KPA2 <> 00:15 13/10 KPA2 <> 01:15 20/10 KPA2
7.605
 19:15 1/10 MIW2 * 20:15 3/10 **MIW** * 17:15 7/10 **MIW G15 ECOSG** (ending 18:22hrs) * 19:15 8/10 MIW2 <>
 00:15 16/10 MIW2 <> 17:15 23/10 MIW2
7.690
 18:45 1/10 VLB2 * 00:15 29/10 KPA2 (New Freq)
7.760
 02:00 7/10 ULX G55 FFPQG * 16:30 15/10 ULX2 * 01:00 29/10 ULX2
7.811
 18:45 1/10 CIO2 <> 20:45 8/10 CIO2 <> 21:45 16/10 CIO2
7.918
 02:30 7/10 YHF G15 K?UFI

8.025
 18:45 1/10 SYN2 <> 20:45 8/10 SYN2 <> 21:45 16/10 SYN2
8.127
 00:45 6/10 VLB2 (New Freq) <> 20:45 8/10 VLB2 <> 21:45 16/10 VLB2

9.130
 23:30 1/10 EZI **G18 MESOP** * 23:30 8/10 EZI **G18 MESOP** * 23:30 12/10 EZI2 * 18:30 28/10 EZI G92 VUYRO

10.648
 23:30 5/10 YHF2

11.565
 20:30 14/10 EZI2 * 21:00 14/10 EZI G92 FHWMP

15.980
 16:00 5/10 EZI2 <> 16:00 22/10 EZI2

17.140
 14:00 8/10 EZI2 <> 16:30 20/10 EZI2

19.715

16:30 8/10 EIZ2 <> 16:30 20/10 EZI2

Bold Print Denotes Repeated message. <> Denotes From - To. No Change To Schedule Heard

E10 LogComments

MIW

On November 2001 when I first began listening to E10 transmissions, MIW2 was regularly heard and still is, on various frequencies transmitting at 15 mins past the hour for 5mins with nothing said other than the call sign. On the other hand, MIW was to become in comparison a rare event. According to my logs, in Jan 2002 MIW sent a G26 message on 4 occasions, in March 2002, a group 35 message. In Aug 2002 it was heard 3 times, groups 37,33,20. And the last time I heard MIW was on Sept 10th 2002 sending a group 16 message. [In all 9 times in one year]. So it was with much pleasure that on 3 Oct this year at 20:15hrs that I picked up MIW transmitting on 7.605 for 5min with no group message. Better still on the 7th Oct at 17:15 hrs was MIW transmitting on 6.930 & 7.605 a group 15 message which it repeated 10 times finally ending at 18:22hrs. Conditions were not that good but I managed to log the transmission and also recorded it. In all 10 times in one day.

MIW G15

ECOSG DOTOA SMSCV TDAEM NBDZV DSEHX GJUDQ GNZHY LIXSU DNIER CUZGZ HULYW GFXSX MEGQZ WEIQO

SYN2 Seems to have temporary? dropped Freq 6.912 one of its better freq's, having not heard a transmission on that freq since it made the change on the 5th Oct to 3.640

Other stations who changed onto previously used freq's were SYN2 3.640, CIO2 4.360 & 5.170, MIW2 4.780 and PCD on 6.270. New freq's not previously recorded by me were VLB2 3.360 & 8.127 and KPA2 on 7.690.

Again many thanks to JC Malta for his October Logs.

1 Oct

1800 5435 ART2 * 1830 5435 ART G60 QWWJG * 1900 5435 ART2

1800 9130 EZI2 * 1900 9130 EZI G15 MURYA

1800 6840 EZI2 * 1900 6840 EZI G15 MURYA

1815 6930 MIW2

1815 5339 KPA2

1830 4270 PCD G56 XZOSS + G84 YROPY

1830 6270 ULX G81 SNJCY

1845 5230 CIO2

1845 5170 VLB2

2 Oct

2100 5435 ART2 * 2130 5435 ART G76 RXQFE * 2200 5435 ART1 * 2300 5435 ART G18 HWSWO

2115 6930 MIW2 * 2215 6930 MIW2

2115 4360 MIW2 * 2215 4360 MIW2

2115 4648 KPA2 * 2215 4648 KPA2

2130 9130 EZI G115 JMMIE + G20 SHAMP * 2200 9130 EZI G69 ZHETU * 2230 9130 EZI G18 MESOP

2130 11565 EZI G115 JMMIE + G20 SHAMP

2130 6840 EZI G115 JMMIE + G20 SHAMP

2130 4270 PCD2 * 2230 4270 PCD G90 YOTRI

2145 5230 CIO2 * 2245 5230 CIO2

2145 5170 VLB2 * 2245 5170 VLB2

2215 5339 KPA2

3 Oct

1900 9130 EZI G15 MURYA * 1930 9130 EZI2 * 2000 9130 EZI G69 ZHETU * 2030 9130 EZI G118 BRUVP

1900 6840 EZI G15 MURYA * 1930 6840 EZI2 * 2030 6840 EZI G118 BRUVP

1900 5435 ART2 * 1930 5435 ART G166 CHCXN * 2000 5435 ART G24 OYXGL

2030 5435 ART G156 RZAQB * 2100 5435 ART2

1915 5339 KPA2 * 2015 5339 KPA2

1915 4648 KPA2 * 2015 4648 KPA2

1915 6930 MIW Large number of MIW Rpts * 2015 6930 MIW2

1915 4360 MIW Large number of MIW Rpts * 2015 4360 MIW2

1930 11565 EZI2

1930 4270 PCD G23 NFQTN

1930 6270 ULX2 * 2030 6270 ULX GIPWH

1945 5230 CIO2 * 2045 5230 CIO2

1945 5170 VLB2

4 Oct

1800 4270 PCD G73 AINJE + G44 DURVE * 1830 4270 PCD2 * 1900 4270 PCD G21 YHTSJ

1800 5091 JSR G75 PKOFA * 1900 5091 JSR

1800 9130 EZI G93 GKJLB * 1830 9130 EZI G94 + G96 OPJFI * 1900 9130 EZI G68 EWZNB

1800 6840 EZI G93 GKJLB * 1900 6840 EZI G68 EWZNB

1800 5820 YHF G71 SKBFF * 1900 5820 YHF2

1815 7445 KPA2

1815 6930 MIW2

1815 5339 KPA2

1830 11565 EZI G94 + G96 OPJFI

1830 5435 ART G19 RBECO

1830 6270 ULX G81 SNJCY

1830 3416 ART G19 RBECO

1845 7811 CIO2

1845 5170 VLB2

1845 5230 CIO2

1845 6912 SYN2

1845 3640 CIO2
1845 4015 VLB2
1900 4560 YHF2

5 Oct

1800 5820 YHF G71 SKBFF *1900 5820 YHF G22 VMTEA
1800 4270 PCD **G73 AINJE + G44 DURVE** * 1830 4270 PCD2
1800 5091 JSR G75 PKOFO * 1900 5091 JSR2
1800 5435 ART2 * 1830 5435 ART **G19 RBECO** * 1900 5435 ART2
1800 9130 EZI G93 GKJLB * 1830 9130 EZI G86 UWPSP + G22 CNSZX * 1900 9130 EZI G65 EWZNG
1800 6840 EZI G93 GKJLB * 1900 6840 EZI G65 EWZNG
1815 7445 KPA2
1815 6930 MIW2
1830 11565 EZI G86 UWPSP + G22 CNSZX
1830 6270 ULX **G81 SNJCY**
1845 7811 CIO2
1845 5230 CIO2
1845 5170 VLB2
1845 4015 VLB2
1845 3640 SYN2
1900 4560 YHF G22 VMTEA

6 Oct

2100 5435 ART2 * 2130 5435 ART G76 RXQFE * 2200 5435 ART G95 RYORM * 2230 5435 ART2
2115 6930 MIW2 * 2215 6930 MIW2
2115 4360 MIW2 * 2215 4360 MIW2
2130 6830 ESZI G19 DYOB
2130 4270 PCD2 * 2230 4270 PCD G19 WKB
2145 5230 CIO2 * 2245 5230 CIO2
2145 5170 VLB2 * 2245 5170 VLB2
2200 9130 EZI G69 ZHETU * 2230 9130 EZI
2200 6840 EZI G69 ZHETU * 2300 6840 ART **G18 HWSWO**

7 Oct

1900 9130 EZI **G68 EWZNG** * 2000 9130 EZI **G69 ZHETU** * 2030 9130 EZI G118 BRUVP
1900 5435 ART2 * 1930 5435 ART G79 ZKHGE * 2000 5435 ART G110 ?XE?B * 2030 5435 ART G156 RZAQB
1900 6840 EZI **G68 EWZNG** * 1930 6840 EZI2 * 1930 6840 EZI2 * 2030 6840 EZI G118 BRUVP
1915 6930 MIW2 * 2015 6930 MIW2
1915 4360 MIW2 * 2015 4360 MIW2
1930 4270 PCD * 2030 4270 PCD2
1930 6270 ULX2
1945 5170 VLB2 * 2045 5170 VLB2
1945 5230 CIO2 * 2045 5230 CIO2

9 Oct

1800 4270 PCD G73 AINJX + G44 AUR?? * 1830 4270 PCD2 * 1900 4270 PCD2
1800 5091 JSR * 1830 5091 JSR G28 OLDNM * 1900 5091 JSR2 * 1930 5091 JSR G33 OHPMN * 1945 5091 JSR2
1800 5435 ART2 * 1830 5435 ART G86 BXJBR + G30 WRDVL * 1930 5435 ART G79 ZKHGE
1800 9130 EZI2 * 1830 9130 EZI * 1900 9130 EZI **G68 EWZNG** * 1930 9130 EZI2 * 1945 9130 EZI G92 FHWMP
1800 6840 EZI2
1815 7445 KPA2 * 1915 7445 KPA2
1815 6930 MIW2 * 1915 6930 MIW2
1830 11565 EZI * 1930 11565 EZI2
1830 6270 ULX **G81 SNJCY** * 1930 6270 ULX2
1845 7811 CIO2
1845 5170 VLB2 * 1945 5170 VLB2
1845 5230 CIO2 * 1945 5230 CIO2
1900 5820 YHF G24 JJ?TN
1915 4360 MIW2
1930 4270 PCD2 * 1945 4270 PCD2
1945 4015 VLB2
1945 4560 YHF2
1945 5435 ART G70 JYFP

11 Oct

1800 9130 EZI2
1800 5435 ART2 * 1830 5435 ART G86 BXJBR + G30 VR?VL
1800 6840 EZI2 * 1900 6840 EZI **G68 EWZNG**
1800 4270 PCD G73 AINJE + G44 AUR??
1800 5091 JSR G75 PKOFO * 1830 5091 JSR G28 GXAKQ * 1900 5091 JSR2
1815 7445 KPA2
1815 6930 MIW2
1830 6270 ULX G81 **SNJCY**
1830 4270 PCD G34 SYROP * 1900 4270 PCD1
1900 5820 YHF G24 JJMTN

17 Oct

1800 5820 YHF G71 SKBFF * 1900 5820 YHF G66 MINUP
1800 9130 EZI G54 HYSWH * 1830 9130 EZI G96 FLBGP
1800 6840 EZI G54 HYSWH * 1900 6840 EZI G58 HNKF
1800 4270 PCD2 * 1830 4270 PCD G83 S?FCR * 1900 4270 PCD1
1800 5435 ART2 * 1830 5435 ART G12 QYPKQ * 1900 5435 ART2
1830 6270 ULX G78 DUSQV
1845 7811 CIO2

1845 5170 VLB2
 1845 5230 CIO2
 1845 3640 SYN2
 1845 4015 VLB2
 1900 4560 YHF G66 MINUP
19 Oct
 1800 5820 YHF G71 SKBFF * 1900 5820 YHF G53 JWLPG
 1800 4270 PCD2 * 1830 4270 PCD G82 SJPCR * 1900 4270 PCD1
 1800 5435 ART2 * 1830 5435 ART G12 QYPKQ * 1900 5435 ART2
 1815 7445 KPA2
 1815 6930 MIW2
 1830 5091 JSR G60 SVGPJ
 1830 9130 EZI2 * 1900 9130 EZI G58 THINKF
 1830 6270 ULX G78 DUSQV
 1845 5170 VLB2
 1845 5230 CIO2
 1845 3640 SYN2
 1845 4015 VLB2
 1900 4560 YHF G53 JWLPG
 1900 6840 EZI G58 THINKF
20 Oct
 1800 5820 YHF G71 SKBFF * 1900 5820 YHF **G53 JWLPG**
 1800 4270 PCD2 * 1900 4270 PCD G78 PDBPN + G39 UYWWD * 1930 4270 PCD G13 CZATA * 2000 4270 YHF2
 1800 5435 ART2 * 1830 5435 ART G12 QYPKQ * 1900 5435 ART2 * 1930 5435 ART2
 1800 9130 EZI G18 QAOBK * 1900 9130 EZI G72 LPHNE * 1930 9130 EZI **G72 LPHNE**
 1800 6840 EZI G18 QAOBK * 1900 6840 EZI G72 LPHNE
 1815 7445 KPA2 * 1915 7445 KPA2
 1815 6930 MIW2 * 1915 6930 MIW2
 1830 5091 JSR G114 VWDDDB * 1930 5091 JSR G68 JSSWT
 1830 11565 EZI G96 ?BGP? + G56 NBIMD
 1830 3415 ART G12 QYPKQ * 1930 3415 ART2
 1845 7811 CIO2
 1845 5170 VLB2 * 1945 5170 VLB2
 1845 5230 CIO2 * 1945 5230 CIO2
 1930 6270 ULX2
 1945 4015 VLB2
21 Oct
 1800 5820 YHF G71 SKBFF * 1900 5820 YHF **G53 JWLPG**
 1800 4270 PCD G27 RKSPF * 1900 4270 PCD G78 PDBPW + G39 UYWWD
 1800 5435 ART2 * 1830 5435 ART G12 QYPKO * 1900 5435 ART2
 1800 9130 EZI G18 QAOBK * 1830 9130 EZI G96 FLBGP * 1900 9130 EZI **G72 LPHNE**
 1800 6840 EZI G18 QAOBK * 1830 6840 EZI G96 FLBGP * 1900 6840 EZI **G72 LPHNE**
 1815 6930 MIW2
 1830 5091 JSR G114 VWDDDB
 1830 6279 ULX G78 DUSQV
 1830 3416 ART G12 QYPKO
 1845 5170 VLB2
 1845 3540 SYN2
 1845 4015 VLB2
 1900 4560 YHF **G53 JWLPG**

Thanks to RN GB for the following from his October log:

4 Oct
 1330 17410 EZI2
6 Oct
 1620 7605 MIW2
14 Oct
 1745 5230 CIO2
 1900 5339 PCD2
 1900 6986 ART2
 2000 2743 ULX
 2000 3150 PCD2
 2000 4270 PCD2
20 Oct
 2000 5091 JSR
27 Oct
 1715 6912 KPA2
 1715 7690 KPA2
 1715 4780 MIW2

Thanks to all contributors to this column.

©BMDartford Oct 2003 [Txn Bob]

E11

AnonUK writes, "Concerning the E11 message mentioned in NL18, and the first and last group of it being 77777. This is nothing new, as the morse side, M03 has been sending that for at least 3 years.

The 77777 group is sent by M03, only when the message GC is between 30 and 37. The other messages sent by M03 with a GC in the 50s, does not have that 77777 group in it. I did notice some time ago, that with the messages in the 50s, the same message was repeated one year later, but I do not think they do that now." [Txn AnonUK]

8544kHz 0830z 02/09 [182/00] af
 0830z 30/09 [182/00] hfd
 0830z 09/09 [182/00] af
 0830z 23/09 [182/00] Jaf and RNGB
 0830z 30/09 [182/00] af
 0830z 14/10 [182/00]RN GB
 8759kHz 1030z 14/10 [312/00] JoA NEW FREQS
 8800kHz 1300z 14/10 [183/00] JoA NEW FREQS
 10125kHz 0800z 04/09 [232/00] af
 0800z 18/09 [232/00] PP.
 0800z 11/09 af
 0800z 18/09 af
 0800z 25/09 [232/00] af
 11116kHz 0800z 05/09 [232/00] af
 0800z 12/09 [232/00] RN GB
 0800z 19/09 [232/00]
 0800z 26/09 [232/00] hfd
 0800z 03/10 [232/00] RN GB

E15

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

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

E17Z

8170kHz 1700z 11/09 [671 840 35 06923 94933...ended 928 30 00000]

E23

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

Transmits Monday Wednesday and Thursday:

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

8188kHz 1155z 08/09
 1155z 10/09
 1155z 11/09
 1155z 22/09
 1155z 08/10 [00000,11111...99999 then headers 08084,41749,86909 (twice) weak near Paris, lots of static then into 51342,89852, 89696 14298 and so on] Tnx Pat Private

E25

This station is back! AnonUK emailed 02/09 to report, "E25 was on today for certain, a better signal than Saturday 30/08, but still not very strong

Manolis, Crete posted via the group:

9450 kHz (you know that) Tuesday 2/9/03

1239z Carrier on.
 1240z Arab Music begins.
 1244z Music ends, man started calling "22 222 222..." (I think he forgot the first "2" in the beginning)
 1248z He stopped calling "222". Said "Message, message, message".
 Message follows (16 x 4fgs):

7496 3161 3310 0603 6582
 8530 3304 1920 9177 7288
 7467 4674 7787 4361 9306
 3310

1249z "Repeat, repeat, repeat". Repeats the above
 1251z "End of message, end of transmission". Carrier went down.

Comments about signal strength:
 E25: 5-7 out of 7, lots of fading, averaging to 6/7. Also modulation was kind of "shallow".
 Arab BC Station 9460 kHz: Again 5-7/7 but mostly 7/7 slower fading.[Tnx Manolis].

The Arab station on 9460kHz is Radio Turkey and probably not a pointer to E25.

At 1246z on 14/10 PLondon received a telephone message from Mike of Kent suggesting that he listen to 9450kHz. Mike had found E25 active with an apparent null message of 725 74 [or 72]. This continued until 1250z when ML and PLondon both heard the transmission terminate with a sharp burst of data. The condx were very poor at both MoK and PL's QTH with an average noise level of at least S5.

9450kHz 1246z 14/10 [725 74 (or 72)] MoK/PLondon

Manolis [Crete] had another success on 26/10 which he notified via group:
9450kHz 1245z 26/10 AM mode.

1240z Carrier.
1245z No music intro, Arab man calling "780".
1248z "Message" x3. Message of 13 4-figure groups follows:

9394 3531 6210 1467 6518
5690 2666 5481 4555 7854
3353 8560 6210

1249z "Repeat" x3. Repeats msg.
1251z "End of message, end of transmission".

The audio quality was poor, I can't tell if this is due to the Solar Storm. QRM from a BC station on the same freq. The Arab man was more "professional". In the beginning I thought that the transmission was taped or synthetic like E03! [Txn Manolis].

Manolis again copied E25 on 27/10:

9450kHz 1245z 27/10 [Started with previous message]

He reported, "Reception really bad... I just managed to copy some groups to be sure that it was the same msg. Even Voice of Turkey on 9460kHz was weaker than usual."

For 29/10 Mamolis wrote:

Today's conditions were better, but there is still QRM on 9450KHz. E25 came up at 1243z, calling continuously "785 10". The man stopped at 1246z.

Via group Manolis mentioned, "While waiting for E25 I played around 9450KHz and I noticed that on 9435KHz a carrier was present at 1227z, turned off and came up again, then turned off completely at 1228z. Do you think it is related to E25? Looking for a new and "quiet" freq?" The subsequent posting from AnonUK stated, "Quite a possibility." So a freq worth paying some attention to. ENIGMA 2000 are certain that E25 is not directed towards Great Britain or Europe, that we can hear it is no doubt due to propagational matters. PLondon has only ever heard the E25 transmissions with great difficulty and E2k believes that the only signals of reasonable quality to have been intercepted in Great Britain are those taken by AnonUK and which appear in the Files section as a sound sample. That Manolis can hear the station from Crete, an altogether better location for interception of these signals, is perhaps an indication of the anticipated point of transmission somewhere in the Middle East rather than Europe.

G04
Nil Reports

G06
PoSW writes, 'The G06 German YL continues with her alternate Thursday 1830z schedule with a repeat at 1930z the next day - it is as if the usual format of this family of number stations, i.e. a transmission with a repeat one hour later on a lower frequency, has been cut in two transmitted on two consecutive days.'

In his log PoSW noted that several regular schedules are still running:-

Thursday 1830z Schedule:-

28-Aug-03, 6,887kHz, calling "Acht vier zwo", (842), DK/GC "Drei funef sechs" (356) x 2, "Vier zwo" (42) x 2, same as when this schedule last appeared on 14-August. Signal strength peaking S9, lower sideband suppressed, lots of static crashes from not too distant thunderstorms tonight.

11-Sept-03, 5,934kHz - after a search to see if the Thursday G06 would turn up in September a suspicious carrier was noticed around 1820z on 5,934kHz - which happens to be similar to the frequency used by the **Friday 1930z** G06 schedule during the summer months. Sure enough the German YL started up - although at 1829z, a minute early! - with call "Funef seben neun" (579), DK/GC "Drei eins sechs" (316) x 2, "Vier vier" (44) x 2. This frequency is inside the 49 metre BC band and copy is just about impossible in AM mode but reasonable with the RX in USB mode and the carrier tuned for zero beat. Ended just after 1841z with DKDK GCGC and 5 x "Null".
25-Sept-03, 5,934kHz carrier was noted 20 minutes earlier. A false start here, called "579" in German just after 1830z then went quiet for over 2 minutes before continuing with

9-Oct-03, 5,934kHz still used in October with all the problems one would expect in copying a number station sitting inside a broadcast band. Call "Funef seben neun" (579), DK/GC "Eins drei acht" (138) x 2, "Zwo sechs" (26) x 2. Short message, ended just before 1839z. Should show up once more in October, on the 23rd or perhaps on the 30th.

Friday 1930z Schedule:-

29-Aug-03, 5,933kHz calling "Zwo eins acht" (218), DK/GC "Drei funef sechs" (356) x 2, "Vier zwo" (42) x 2, the same as when this schedule was last heard on 15-Aug. The voice was of higher pitch and with a more rapid speed of delivery than is usual for G06 - although this peculiarity has been noted before with the Friday 1930z G06.

12-Sept-03, 5,442kHz, has moved to this lower frequency as expected since this has been the routine in September of previous years. Call "Neun vier seben" (947), DK/GC same as last night's 1830z G06, "316 316 44 44". Carrier was up nice and early at 1851z, transmission started **exactly** 1930z, good signal, lower sideband well suppressed.

26-Sept-03, 5,435kHz a bit lower in frequency, "947" and "316 316 44 44", same as when last heard on 12-Sept.

10-Oct-03, 5,442kHz call "Neun vier seben" (947), DK/GC as last yesterday's 1830z transmission, "138 138 26 26". Strong signal, lower sideband well suppressed, normal pitched voice and speed of delivery. Should appear once more in this month; will probably move to a

frequency somewhere in the region of 4,792kHz in November - observed in previous years - and remain there throughout the cold, dark days of winter.

First Monday in the Month Schedule:-

1-Sept-03, 1900z 8,174kHz call "Drei null acht" (308), DK/GC "Vier zwo seben" (427) x 2, "Eins null acht" (108) x 2, so a full message format - the first since June. Signal strength S5 to S6 and both upper and lower sidebands seemed to be of about the same amplitude; this is unusual for G06, usually the lower sideband is suppressed.
2000z 6,835kHz repeat sending of "308" and "427 427 108 108", again with both sidebands.

2-Sept-03, Tuesday, 1900z 8,170kHz; because the first Monday in the month G06 was of the "Full message" variety there is a repeat on the following day, so "308" and "427 427 108 108" again. Repeated 2000z, 6,835kHz; and again, both of these next day repeats were equipped with both upper and lower sidebands.

6-Oct-03, 1900z 6,868kHz "308 308 308 00000", carrier was up at 1845z on 6,865 kHz - the frequency used for this first sending in October last year then QSYd to 6,868.

2000z 5,210kHz second sending of "308 308 308 00000", this frequency was used for the second sending in October last year. Both transmissions had both upper and lower sidebands as did September's first Monday G06.

Sunday 2020 z Schedule:-

21-Sept-03, 9,375kHz found in progress with call-up "Neun vier drei" (943) at 2022z, then DK/GC "Eins sechs drei" (163) x 2, "Vier acht" (48) x 2. Very strong signal inside the 31 metre BC band, some sideband splash QRM from a broadcaster, much reduced by using the receiver in USB mode. This Sunday 2020z schedule appeared on 13,380 kHz on several occasions during the summer months. Not found on the following Sunday, 28-September.

Other logs in support:

5210kHz 2000z 06/10 [308 Null]AnonUK
5422kHz 1930z 12/09 af
5435kHz 1930z 26/09 [947 316 44 86361] af, Gert and RN GB.
5442kHz 1930z 10/10 [ending 138 26 00000] RN GB
1930z 24/10 [947-138/26=64568] Gert
6835kHz 2000z 01/09 [308 427 108 52378 af
2000z 02/09[308 427 108 52378] af
6868kHz 1900z 06/10 [null 308]
8170kHz 1900z 02/09 [308 427 108 52378] af
8174kHz 1900z 01/09 [308 427 108 52378] af, Gert and RN GB.
9389kHz 2020z 14/09 [...167 48 00000] af

In a later letter PoSW wrote, "G06 German YL – Thursday schedule showed up on 23/10 at 1830z on 5924kHz, 10kHz lower than usual' I had been keeping watch on 5934 and having heard nothing assumed G06 wasn't going to appear but luckily I tuned LF and found her. 579 and 138 138 26 26 same as when last heard on 09/10.

Friday 24/10 1930z 5442kHz, the expected next day transmission, call 947 dk/gc as last night and the same as when heard on 10/10 [133/26]."

G22

4588kHz 2200z 02/10 [[186 - nr243 gr 20 = 50574] Gert
2330z 02/10 CSmolinski

SLAVIC STATIONS

Before we move onto the Slavic Station logs DoK, our Slavic Desk, writes:

Once again we are again at a time of major changes in Frequencies and, as with chart 7 in the last Newsletter an amended chart will have to be issued mid-November.

I expect that on the 1st November there will be changes in Frequencies but I hope the times of schedules will remain roughly the same.

Only minor changes have occurred since the last change on the 1st September 2003.

Chart 8, which follows, should be filed for future reference.

Chart No 8 [From 1st October, 2003]

Freq kHz	//	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
4485	6758							0210
3522	4485		0400	0400		0400		
4485	6763							0410
3522	5301			0430				
8175				0430				
Freq kHz	//	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
5301	8190		0450	0450				
5917		0535	0535		0535			0535
9986	11417					S0600		S0600
14565	159±	0615	0615	0615	0615	0615	0615	0615
5945	9166							0700

9986	13405								S0755
5076	8190				0800	0800			
9986	13405				S0820	S0820			
14445					0840	0840			
5945	9166			1140					
8143	12226				1200	1200			
5301	8190	1250	1250	1250	1250	1250	1250	1250	[S17C]
8175			1410	1410					
5945	9385			1500					
8175	9986								S1520
14565						1530	1530		
5027	7605	1610	1610						
5078	7745	1630	1630		1630			1630	
7605	11417			1640					
5078	8112		1700	1700					
5094	9166				1700	1700			
11417								1720	
6945	10582		S1740	S1740					
5945	9369	1800				1800			
7745	9385				S1820	S1820			
13405					S1855				
5945	10125	1920	1920						
8190	12295				1940	1940			
7745	9166			1950		1950		1950	
3383			S2020			S2020			
6895	7745	S2050		S2050					
3522	4782		2100		2100				
5474	6894					S2130		S2130	
5945			2200	2200					
3522	4485		2200	2200					

Interesting occurrences during this period are now listed.

9166kHz 1820z 02/10
749 1 [rptd]
7450 141 ~ text ~ 000 000

No separatives used and quite fast. Confirmed by AnonUK as M12 and heard again as:

8175kHz 1640z 07/10
1640z 14/10
1640z 21/10

This time and frequency had been used by M10 [family 1XA] but moved to 11417kHz. M12 is family 1B. Does this suggest that these two transmissions are linked and come from the same stable?

5945//9369kHz 1800z 09/10 M10 changed its message format from a two message format to a one message format. It remain a one message format to the date of writing.

13406kHz 1530z 10/10 [ended 1540z] Repeated series of 555; no message transmission.

Acting on information received from AnonUK the following M10E was received:

7845kHz 1100z 14/10
In progress 5-fig grps = 57 20 Hvy QRM.

7845kHz 1100z 22/10
111 33170 20 33170 17 20 ~ text ~ 17 20 000

Repeats and the full text, although logged, is not shown.

I had the intention to give details of the early morning, mid and afternoon irregulars but in view of time restrictions and possible changes that has been postponed.

A request relayed via PLondon from RN GB resulted in my logging the following transmission:

8027kHz 1800z 12/09
V5G HR OPC 18 QSP FR ALL GE =
NOW HR QRU = QRX OMW =
GB 73/88 = V5G AR SK [Rpts not shown].

8027kHz 1758z 16/09
Series of v's then at 1800z a repeat of that shown above.
[A mixture of terminology suggests the operator was perhaps also an operator.]

My thanks to AnonUK, PoSW and RN GB for their logs and information.

Recently whilst moving my books and shelves I selected two books for recommended reading.

1. Codes and Ciphers, by Frank Higinbottam BA., FLA. Published 1973 by The English Universities Press Limited; ISBN 0 340 12493 8 and
2. The Broken Seal, by Ladislav Farago. Published 1967, Random House [US] and in Great Britain by Arthur Barker Limited. [No ISBN stated] This excellent volume covers American and Japanese Code Breakers and culminates in Pearl Harbour.

Good reading and Listening and until the next time 'nazdar'! DoK – Slavic desk.
©DoK 31st October, 2003

ENIGMA 2000 would like to thank, wholeheartedly, TraceyC for her part in scanning D's piece in and sending across via email. Thanks to the wildcat strike by Post Office workers had TC not assisted with the article and chart you have just read it would still be on the Slavic Desk located somewhere in the Garden of England. Thanks Tracey, you're a real gem!

S06

Before we move to the logs for this station here is a chart compiled by Gert in Holland and AnonUK of S06 scheds over the last months [Tnx Gert and AnonUK]

Day	Time [UTC]	Frequencies [kHz] found in the month		
		Aug	Sept	Oct
Tue	0800+0810		7318+ 9840	7318+9840
Tue	1500			14739
Tue	1630	[March freq: 14561]		11470
Tue	1800	5745	5679	
Tue	1850+1900	10220+ 7608	10170+ ??	8170+ 5762
Wed	0700+0710	14580+16020	13420+15370	13420+15370
Thu	1000+1010			9225+11515
Fri	0600+0610	7845+ 9124		
Sat	1600+1700	14520+12180		13530+10752
Sat	1700+1800	13918+11150		??+ 8080

PoSW mentions that the S06 Russian Man seems to be slightly less active but the second and fourth Saturday 1700z + 1800z schedule never fails to appear as his subsequent loggings show:

13-Sept-03, Saturday, 1700z 12,200kHz, the second (and fourth) Saturday in the month brings expected Russian Man activity; calling "Cheteria syem dva" (472), DK/GC the same as when this schedule was last heard on the fourth Saturday in August (23rd) "Tri syem shesht" (376) x 2, "Vosyem cheteria" (84) x 2. Weak signal at first but became stronger around 1710z.

1800z, 10,210kHz, repeat of "472" and "376 376 84 84", carrier with tone was warming up the frequency at 1748z, stronger signal than first sending, both sendings had the lower sideband well suppressed.

19-Sept-03, Friday, 0540z 8,165kHz, an early morning S06 calling "Deviet tri cheteria" (934), DK/GC "Syem shesht noll" (760) x 2, "Adean adean" (11) x 2, short message, weak signal with QRM.

22-Sept-03, Monday, 2015z 10,670kHz, "Dva tri pyat" x 3, "Noll" x 5 (235 235 235 00000), signal strength S7 and with both upper and lower sidebands, unusual for S06 but has been observed before.

2115z 8,170kHz, repeat of "235 235 235 00000", signal strength S8, also had both sidebands.

27-Sept-03, Saturday, 1600z 6,992kHz, "Adean pyat adean" x 3, "Noll" x 5, (151 151 151 00000), strong signal, lower sideband suppressed, stopped 1604z.

1700z 12,200kHz, and again, 1800z 10,210kHz, the expected fourth Saturday in the month S06 with "Cheteria syem dva" x 3, "Noll" x 5 (472 472 472 00000).

Now onto others Sept logs:

5680kHz 1800z 09/09 [624.0] HFD
 1800z 09/09 [624 624 624 00000]jaf
 1800z 16/09 [624 00000] RN GB
 1800z 30/09 [624 624 624 00000]jaf

[It was noted by RN GB that the use of 5680 was a little 'naughty', that freq being an international rescue frequency].

5762kHz 1900z 16/09 [176 176 176 00000]jaf
 6815kHz 1810z 30/09 [624, no msg. RN GB notes 'same call used on same freq 0915z 24/09/96]
 6860kHz 2100z 23/09 [471 471 471 00000]jaf
 7620kHz 0600z 01/09 [967 301 10 29871...]RN GB
 8175kHz 2030z 25/09 [971-382/44=95832]Gert
 10670kHz 2015z 08/09 [235 235 235 00000]jaf
 13420kHz 0700z 03/09 [729 00000]RN GB
 0700z 17/09 [729 00000]RN GB

PoSW continued into October with:

4-Oct-03, Saturday, 1430z 14,890kHz, S06 calling "Cheteria deviet tri" (493), DK/GC "Dva syem pyat" (275) x 2, "Cheteria adean" (41) x 2, strong signal, lower sideband well suppressed. Carrier with tone had been noticed earlier.

1530z 12,190kHz, repeat sending of "493" and "275 275 41 41".

11-Oct-03, Saturday, 1600z 6,992kHz, "Adean pyat adean" x 3, "Noll" x 5 (151 151 151 00000), S9+ signal, lower sideband suppressed. Same routine heard on Saturday 27-September, see above.

1700z 10,750kHz, second Saturday in the month schedule, "Vosyem adean noll" (810), DK/GC "Cheteria pyat syem" (457) x 2, "Shesht dva" (62) x 2, signal strength S8, lower sideband well suppressed.

1800z 8,080kHz, second sending of "810" and "457 457 62 62", strong signal. This schedule should appear again on the fourth Saturday in October, the 25th.

And others offered:

5680kHz 1800z 14/10 [624 00000] International Rescue freq. RN GB
 1800z 21/10 [624 00000] Gert
 5762kHz 1900z 21/10 [176 Null] Gert
 7320kHz 0800z 07/10 [418 00000] 2nd harmonic on 14640kHz much stronger RRGB *must be using a T1154 transmitter! Ed.*
 7795kHz 0700z 17/10 [196 00000] RN GB
 8170kHz 1850z 21/10 [254 Null] Gert
 9150kHz 1730z 28/10 [start missed] Gert
 9225kHz 1000z 15/10 [missed start-dk261gc43] Gert
 1000z 16/10 [895-212/5=78111] Gert
 11515kHz 1010z 16/10 [895-212/5=78111] Gert
 11470kHz 1630z 14/10 [403 00000] RN GB
 1630z 21/10 [403-126/58=33322] Gert
 12190kHz 1500z 14/10 [403 00000] RN GB
 13420kHz 0700z 08/10 Five grp message
 [729 705 705 5 5 27095 93721 81293 73555 29671 705 705 5 5 00000
 Repeated at 0710z on 15380kHz [AnonUK].
 0700z 15/10 [729-705/5=50574] Gert

Apart from the usual Wednesday sendings AnonUK also found:

7605kHz 0820z 15/10 [471] AnonUK

S06C

6790kHz 1830z 22/09 [11202 rptd, ended 1838z]jaf

S10D

5475kHz 2130z 04/09 [555:361-13/18=23710] //6895 hfd
 6945kHz 1754z 01/09 af
 1747z 02/09 af
 1740z 08/09 af
 1740z 15/09 af
 1740z 22/09 af
 1740z 29/09 af
 8175kHz 1520z 06/09 af
 11416kHz 0600z 13/09 [555:667-65/20=90987] hfd This is the parallel to 9985kHz.
 0600z 02/10 [26/22?] PoSW
 13405kHz 1855z 17/09 [555, weak] hfd

PoSW noticed an interesting dk/gc on 23/10 and writes "0600z 11416kHz very weak signal, difficult to copy, 694 694 694 08 – a group count of 8, must be the shortest S10D message ever, I think. No apparent sign of a parallel freq since 9385 was dropped at the end of August – until today when frantic tuning found it on 9985kHz just as the transmission was finishing after 0607z. [Same freq as used in // with 8175kHz for the Saturday 1520z transmission] and 9985 was a much stronger signal than 11416.

This is the only example I have noted of an S10D frequency moving higher for the autumn; perhaps it was done just to get clear of the strong religious broadcast station, which sometimes shows up on 9385.

At 2130z 5473//6894kHz same 694 and 08 as head at 0600z. This schedule has gone downhill in signal strength in recent weeks, 5473 weak but clear, 6894 very weak, unreadable, and only occasionally detectable for a second or two at a time.

S10E

Nil Reports

S11A

4016kHz 2100z 03/09 [971/00]
 2100z 01/10 [971/00] Gert

S17C

Transmits on 5301//8190kHz at 1250z, ends circa 1257z.

04/09 67032, 06/09 28013, 07/09 76035, 08/09 76035, 08/09 78027, 09/09 70034, 12/09 65032, 13/09 73028, 14/09 71021, 15/09 65032, 16/09 65032, 17/09 78032, 18/09 73021, 19/09 65031, 20/09 65031, 22/09 76034, 23/09 76035, 24/09 67036, 27/09 76035, 28/09 78034, 30/09 87033.
[Tnx to AF, DoK, Gert and H-FD]

S21

4454kHz	1843z	02/09 [454 862 37 BT 95846]af
	1842z	09/09 [454 862 37 BT 95846]af
	1842z	11/09af
	1842z	16/09 [454 862 37 BT 95846]af
	1842z	18/09 [454 862 37 BT 95846]af
	1843z	22/09 [nnn 862 37 BT 95846] selco and hfd
	1842z	23/09 [454 862 37 BT 95846]af
	1842z	25/09 [454 862 37 BT 95846]af
	1842z	30/09 [454 862 37 BT 95846]af
4854kHz	1843z	02/09 454 862 37 BT 95846]af
	1843z	22/09 [454 862 37 BT 95846] selco and hfd.
	1842z	25/09 [454 862 37 BT 95846]af
	1842z	30/09 [454 862 37 BT 95846]af

V02

No reports apparent.

V02A

3292kHz	0200z	09/09 [gd sigs - M08a accompanies]
	0200z	16/09
	0200z	23/09
4017kHz	0300z	09/09 [gd sigs - M08a accompanies]
4027kHz	0300z	09/09 [gd sigs - M08a accompanies]
4028kHz	0500z	09/09 [A 40643 11243 94023; M8a in bg; repeat of 0400/4479 sked]
4034kHz	1200z	24/09
4329kHz	0400z	03/09 [USB 34371 40642 91413 (YL/SS) (rpt of 0300z on 4479m)]
4479kHz	0300z	03/09 [USB ID 34371 40642 91413 (YL/SS)]
	0340z	03/09
	0300z	17/09
5329kHz	0400z	03/09 [A 24371 40642 91413]
5417kHz	0200z	04/09
	0200z	05/09 [ID ----- 92921 (YL/SS)]
5762kHz	0200z	05/09
6768kHz	0400z	08/09 [A 83093 42563 77492]
6855kHz	0309z	08/09 [AM in prog; M8a in bg]
8010kHz	0605z	09/09[AM late, no callups, distorted]
8097kHz	0602z	04/09 af
	0625z	11/09 af PP
9063kHz	0700z	17/10 RN GB
10446kHz	0340z	03/09
	0507z	08/09 [A _____ 04462 06031; in prog; fast uno]
11566kHz	1330z	07/09
12165kHz	0200z	29/09
12180kHz	0100z	09/09 [strong sigs - M08a accompanies]
	0200z	10/09 [strong sigs - M08a accompanies]
12215kHz	0200z	04/09
	0200z	05/09 [ID ----- (YL/SS) (in progress)]
	0200z	09/09 [strong sigs]
	0200z	16/09
13436kHz	0100z	09/09 [strong sigs]
	0100z	30/09

Regarding V02 and the Spanish language YL from Cuba;- not much new to report. PoSW wrote that the usual Thursday 0500z 8,097kHz and Saturday 0600z 8,097kHz and 0700z 9,153kHz are regulars but once again signals have become much weaker in recent weeks compared with summertime loggings. One new V02 during October has been noted on Sundays on 6783kHz with a good signal starting up at around 0705z or a bit later, a short format variant which lasts for about ten minutes.

One other log from TomH via Spooks reflector:

4035kHz 1135z 25/10 [USB some fading and QRM from MARS net] TomH

V07

13381kHz	0600z	04/09 [372 000]af
	0600z	11/09
	0600z	16/09 [372 000]af
	0600z	23/09 [372 000]af
	0600z	25/09 [372 000]af
	0600z	30/09 [372:0]
14781kHz	0620z	03/09 [372 000] pp
	0620z	04/09 [372 000]af

0620z 11/09
 0620z 16/09 [372 000]af
 0600z 23/09 [372 000]af
 0620z 25/09 [372 000]af
 0620z 30/09 [372:0]

14521kHz 0600z 02/10 [584 000] PoSW
 0600z 07/10 [584 000] Gert
 0600z 14/10 [584 000] Gert
 15821kHz 0620z 02/10 [584 000] PoSW
 0620z 14/10 [584 000] Gert

POLYTONES [Will change to 07nn and 21nnz NOVEMBER].

XP August 03 morning sendings from JoA, PLondon.

0600z 10601kHz 01/08 05/08 08/08 11/08 15/08 19/08 22/08 26/08 29/08
 0620z 12201kHz 01/08 05/08 08/08 11/08 15/08 19/08 22/08 26/08 29/08
 0640z 13501kHz 01/08 05/08 NRH 11/08 15/08 19/08 22/08 26/08 29/08
ID625

XP August 03 Schedule 1 sendings from AnonUK, JoA, PLondon, PoSW

2000z 13953kHz 05/08 07/08 12/08 14/08 19/08 21/08 26/08 28/08
 2020z 12176kHz 05/08 07/08 12/08 14/08 19/08 21/08 26/08 28/08
 2040z 10736kHz 05/08 07/08 12/08 14/08 19/08 21/08 NRH 28/08
ID917

XP August 03 Schedule 2 sendings from JoA, PLondon.

2000z 14984kHz 01/08 05/08 08/08 12/08 14/08 15/08 19/08 21/08 22/08 NRH 28/08 29/08
 2020z 13849kHz 01/08 05/08 08/08 12/08 14/08 15/08 19/08 21/08 22/08 NRH 28/08 29/08
 2040z 12151kHz 01/08 05/08 08/08 12/08 14/08 NRH 19/08 21/08 22/08 NRH 28/08 NRH
ID982

XP August 03 Schedule 3 [Late sendings] from RN GB freqs from HFD

2120z 16309kHz 12/08 14/08 19/08 21/03 26/08 28/08
 2140z 14909kHz 12/08 14/08 19/08 21/03 26/08 28/08
 2200z 13509kHz 12/08 14/08 19/08 21/03 NRH NRH
ID395

Due to the increase in the reporting of this station and the apparent increase in sendings we present this in tabular form.
 [Input from AnonUK, E, H-FD, JoA, PLondon, PoSW and RN GB]:

XP Daily Log [Insert M for message, N for Null message, add 'o' if from other source]

MONTH: September, 2003

	AM	Sch1	Sch2	Sch3	XPB
1.	0600z 11204	2000z 12081	2000z 13938	2120z 14907	1830z 13368
2.	0620z 12504	2020z 10716	2020z 12228	2140z 13507	1850z 11634
3.	0640z 13904	2040z 9364	2040z 10876	2200z 12107	1910z 10143
	<u>ID259</u>	<u>ID073</u>	<u>ID928</u>	<u>ID951</u>	<u>ID361</u>

01[Mon]

02 0845/00189 N 00479/00072 00795/00195

03

04 07325/00107 N M

05 00738/00221 09482/00048

06

N

07[Sun]

08

	AM	Sch1	Sch2	Sch3	XPB
09	01935/00273	07325/00107	00643/00040	N	

10 06783/00291

11 00255/00223 N 00711/00065 No

12 01927/00201 00711/00065

13 00117/00259

N

14[Sun] 02471/00237

N

15	00117/00259		09598/00036		
16	00144/00211	00834/00195	nrh*	nrh*	N
17					
18		00834/00195	nrh*	nrh*	
19	00752/00079				
20	00144/00211		nn75n/00040*		N
21	[Sun]				
22			N		
23	00494/00083	00371/00147	N	?	No'
24			No+		
25		00371/00147	001n7/00179		
26	00147/00245		00758/00085		
27					N
28	[Sun]		No		
29			Mo		
30	01762/00169	N	N	Mo	N

* Solar disturbance until 22/09
 ' Inaudible at Plondon – vweak with AnonUK
 +Very Weak, almost inaudible with JoA
 ? Transmission heard by CAcuff, Mississippi – no details of msg.

On Monday 29/09 AnonUK wrote, "Just caught the end of an XP message at 1214 on 11422. Must have started at 1210z. Never heard it on at this time of the day before." AnonUK then searched for further sendings, which he was unable to find.

XP Daily Log [Insert M for message if no dk/gc available, N for Null message, add 'o' if from other source. Underscore indicates 50th tally mark]
 MONTH: October, 2003

	AM	Sch1	Sch2	Sch3	XPB
1.	0600z 11204	2000z 9203	2000z 11599	2120z 13378	1830z 9488
2.	0620z 12504	2020z 7932	2020z 10213	2140z 11578	1850z 8164
3.	0640z 13904	2040z 6785	2040z 9043	2200z 10178	1910z 7
	<u>ID259</u>	<u>ID297</u>	<u>ID520</u>	<u>ID351</u>	<u>ID417</u>
01	[Wed]		Mo		
02		N	No		
03	00578/00213		N		
04			N		N
05	[Sun]		N		
06			N		
07	00456/00097	04153/00089	N	Mo	N
08	AM	Sch1	Sch2	Sch3	XPB
09		04513/00089	N	<u>00678/00131</u>	
10	00871/00151		N		
11			N		N
12	[Sun]		N		
13			N		

14	00871/00151	00274/00179	M*	M*	Carrier Only
15			nrh*		
16		002nn/nnn79	nrh*	nrh*	
17	N		M		
18					N
19	[Sun]				
20					
21	N	N'	M'	nrh'	N
22					
23		N		nrh	
24	00576/00211		Mo		
25	^				
26	[Sun]				
27					
28	M	00584/00151	nrh*	nrh*	N
29					
30		Mo*		nrh*	
31	[Fri]	Mo*	M		

* Solar Storm forecast 15th to 20th October and 28th to 30th October: Poor signals to inaudible.

' Further solar activity causing difficulty with these transmissions.

^ Clocks retard 1h to return to Greenwich Mean Time [z] or UTC. XP Schedules will operate -1hr until 01/11 and then change to 07 and 21nnz. XPH will maintain zulu time operating as before.

NUMBER PREDICTIONS

November 2003 from Gert of Holland

Date	Day	Time (utc)	TX	Name	Freq (kHz)
1	sat	16.00 + 17.00	S06	Russian man 00000	search, oct freqs 13530 / 10752
1	sat	19.00	V08	Eastern music	inactive, but try 6645
2	sun	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)
2	sun	20.20	G06	German lady 00000	search, july freqs 13380
3	mon	11.55	E23	Voice of E05	8188
3	mon	19.00 / 20.00	G06	German lady 00000	5415 4585 (both +/- 20 kHz)
3	mon	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
4	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search, oct freqs 14521 15821 16421
4	tue	08.30	E11	Oblique	8544 or 6814
4	tue	10.30	E11	Oblique	7840 or 9610
4	tue	12.30	E11	Oblique	7439 or 9448
4	tue	13.00	E11	Oblique	9950 or 8088
4	tue	15.00	S06	Russian man 00000	search, oct freq 14739
4	tue	16.30	S06	Russian man 00000	march freq 14561
4	tue	18.00	S06	Russian man 00000	search, sept freq 5679
4	tue	18.42	S21	Russian lady	3323 3823
4	tue	18.50 + 19.00	S06	Russian man 00000	search, sept freq 10170 + ???
4	tue	08.00 + 08.10	S06	Russian man 00000	search, try 7318 and 9840
5	wed	06.10 / 20 / 40	E07	English man 000 000	6934 8103 9368
5	wed	07.00 + 07.10	S06	Russian man 00000	13420/15370 or 12366/???
5	wed	11.55	E23	Voice of E05	8188
5	wed	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)

5	wed	21.00	S11a	Cherta	try 4016 or 3823
5	wed	21.00 - 23.00	E18	Five Free	Search, inactive?
5	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
6	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, oct freqs 14521 15821 16421
6	thu	08.00	E11	Oblique	10125 or 10050
6	thu	10.00 + 10.10	S06	Russian man 00000	search, oct freqs 9225 / 11515
6	thu	11.55	E23	Voice of E05	8188
6	thu	13.00	E11	Oblique	9950 or 8088
6	thu	18.42	S21	Russian lady	3323 3823
6	thu	21.00 / 21.30	G04	Three note oddity	Search, inactive?
6	thu	21.10 / 30 / 50	E07	English man 000 000	search
6	thu	23.00 + rpt 00.30	G22	Edna Sednitzer german	search, try 4588 4031 or 4014
7	fri	06.00 + 06.10	S06	Russian man 00000	search, aug freqs 7845 / 9124
7	fri	06.10 / 20 / 40	E07	English man 000 000	6934 8103 9368
7	fri	08.00	E11	Oblique	11116 or 11260
7	fri	10.30	E11	Oblique	7840 or 9610
7	fri	12.30	E11	Oblique	7439 or 9448
7	fri	19.30	G06	German lady 00000	5442 each 14 days
8	sat	12.20 / 13.20	E06	English man 00000	search
8	sat	14.00 / 15.00	E06	English man 00000	search, oct freqs 17456 / 13910
8	sat	16.00 + 17.00	S06	Russian man 00000	search, oct freqs 13530 / 10752
9	sun	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)
9	sun	20.20	G06	German lady 00000	search, july freqs 13380
10	mon	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
10	mon	22.45	S04	Edna Sednitzer	search, try 3868 or 3373
11	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search, oct freqs 14521 15821 16421
11	tue	08.30	E11	Oblique	8544 or 6814
11	tue	10.30	E11	Oblique	7840 or 9610
11	tue	12.30	E11	Oblique	7439 or 9448
11	tue	13.00	E11	Oblique	9950 or 8088
11	tue	15.00	S06	Russian man 00000	search, oct freq 14739
11	tue	16.30	S06	Russian man 00000	march freq 14561
11	tue	18.00	S06	Russian man 00000	search, sept freq 5679
11	tue	18.42	S21	Russian lady	3323 3823
11	tue	18.50 + 19.00	S06	Russian man 00000	search, sept freq 10170 + ???
11	tue	22.45	S04	Edna Sednitzer	search, try 3868 or 3373
11	tue	08.00 + 08.10	S06	Russian man 00000	search, try 7318 and 9840
12	wed	06.10 / 20 / 40	E07	English man 000 000	6934 8103 9368
12	wed	07.00 + 07.10	S06	Russian man 00000	13420/15370 or 12366/???
12	wed	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)
12	wed	21.00 - 23.00	E18	Five Free	Search, inactive?
12	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
13	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, oct freqs 14521 15821 16421
13	thu	08.00	E11	Oblique	10125 or 10050
13	thu	10.00 + 10.10	S06	Russian man 00000	search, oct freqs 9225 / 11515
13	thu	13.00	E11	Oblique	9950 or 8088
13	thu	18.42	S21	Russian lady	3323 3823
13	thu	21.10 / 30 / 50	E07	English man 000 000	search
14	fri	06.00 + 06.10	S06	Russian man 00000	search, aug freqs 7845 / 9124
14	fri	06.10 / 20 / 40	E07	English man 000 000	6934 8103 9368
14	fri	08.00	E11	Oblique	11116 or 11260
14	fri	10.30	E11	Oblique	7840 or 9610

14	fri	12.30	E11	Oblique	7439 or 9448
14	fri	19.30	G06	German lady 00000	5442 each 14 days
15	sat	16.00 + 17.00	S06	Russian man 00000	search, oct freqs 13530 / 10752
16	sun	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)
16	sun	20.20	G06	German lady 00000	search, july freqs 13380
17	mon	11.55	E23	Voice of E05	8188
17	mon	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
18	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search, oct freqs 14521 15821 16421
18	tue	08.30	E11	Oblique	8544 or 6814
18	tue	10.30	E11	Oblique	7840 or 9610
18	tue	12.30	E11	Oblique	7439 or 9448
18	tue	13.00	E11	Oblique	9950 or 8088
18	tue	15.00	S06	Russian man 00000	search, oct freq 14739
18	tue	16.30	S06	Russian man 00000	march freq 14561
18	tue	18.00	S06	Russian man 00000	search, sept freq 5679
18	tue	18.42	S21	Russian lady	3323 3823
18	tue	18.50 + 19.00	S06	Russian man 00000	search, sept freq 10170 + ???
18	tue	08.00 + 08.10	S06	Russian man 00000	search, try 7318 and 9840
19	wed	06.10 / 20 / 40	E07	English man 000 000	6934 8103 9368
19	wed	07.00 + 07.10	S06	Russian man 00000	13420/15370 or 12366/???
19	wed	11.55	E23	Voice of E05	8188
19	wed	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)
19	wed	21.00	S11a	Cherta	try 4016 or 3823
19	wed	21.00 - 23.00	E18	Five Free	Search, inactive?
19	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
20	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, oct freqs 14521 15821 16421
20	thu	08.00	E11	Oblique	10125 or 10050
20	thu	10.00 + 10.10	S06	Russian man 00000	search, oct freqs 9225 / 11515
20	thu	11.55	E23	Voice of E05	8188
20	thu	13.00	E11	Oblique	9950 or 8088
20	thu	18.42	S21	Russian lady	3323 3823
20	thu	21.10 / 30 / 50	E07	English man 000 000	search
20	thu	23.00 + rpt 00.30	G22	Edna Sednitzer german	search, try 4588 4031 or 4014
21	fri	06.00 + 06.10	S06	Russian man 00000	search, aug freqs 7845 / 9124
21	fri	06.10 / 20 / 40	E07	English man 000 000	6934 8103 9368
21	fri	08.00	E11	Oblique	11116 or 11260
21	fri	10.30	E11	Oblique	7840 or 9610
21	fri	12.30	E11	Oblique	7439 or 9448
21	fri	19.30	G06	German lady 00000	5442 each 14 days
22	sat	12.20 / 13.20	E06	English man 00000	search
22	sat	14.00 / 15.00	E06	English man 00000	search, oct freqs 17456 / 13910
22	sat	16.00 + 17.00	S06	Russian man 00000	search, oct freqs 13530 / 10752
23	sun	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)
23	sun	20.20	G06	German lady 00000	search, july freqs 13380
24	mon	09.55	E23	Voice of E05	8188
24	mon	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
25	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	search, oct freqs 14521 15821 16421
25	tue	08.30	E11	Oblique	8544 or 6814
25	tue	10.30	E11	Oblique	7840 or 9610
25	tue	12.30	E11	Oblique	7439 or 9448
25	tue	13.00	E11	Oblique	9950 or 8088
25	tue	15.00	S06	Russian man 00000	search, oct freq 14739

25	tue	16.30	S06	Russian man 00000	march freq 14561
25	tue	18.00	S06	Russian man 00000	search, sept freq 5679
25	tue	18.42	S21	Russian lady	3323 3823
25	tue	18.50 + 19.00	S06	Russian man 00000	search, sept freq 10170 + ???
25	tue	08.00 + 08.10	S06	Russian man 00000	search, try 7318 and 9840
26	wed	06.10 / 20 / 40	E07	English man 000 000	6934 8103 9368
26	wed	07.00 + 07.10	S06	Russian man 00000	13420/15370 or 12366/???
26	wed	09.55	E23	Voice of E05	8188
26	wed	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)
26	wed	21.00 - 23.00	E18	Five Free	Search, inactive?
26	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
27	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, oct freqs 14521 15821 16421
27	thu	08.00	E11	Oblique	10125 or 10050
27	thu	09.55	E23	Voice of E05	8188
27	thu	10.00 + 10.10	S06	Russian man 00000	search, oct freqs 9225 / 11515
27	thu	13.00	E11	Oblique	9950 or 8088
27	thu	18.42	S21	Russian lady	3323 3823
27	thu	21.10 / 30 / 50	E07	English man 000 000	search
28	fri	06.00 + 06.10	S06	Russian man 00000	search, aug freqs 7845 / 9124
28	fri	06.10 / 20 / 40	E07	English man 000 000	6934 8103 9368
28	fri	08.00	E11	Oblique	11116 or 11260
28	fri	10.30	E11	Oblique	7840 or 9610
28	fri	12.30	E11	Oblique	7439 or 9448
28	fri	19.30	G06	German lady 00000	5442 each 14 days
29	sat	16.00 + 17.00	S06	Russian man 00000	search, oct freqs 13530 / 10752
30	sun	18.00 / 20 / 40	E07	English man 000 000	???? 5737 4612 (id 976)
30	sun	20.20	G06	German lady 00000	search, july freqs 13380

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ODDITIES

BACKWARDS MUSIC STATION (XM)

5435kHz 0002z 05/09 Chris Acuff, Mississippi US:
5725kHz 2223z 25/09 [QRM from a digital broadcast nearby, use 5277 LSB for clearer reception!] MPetrakis

XFR [Frogs]

14787kHz 1130z 07/10 AnonUK
1315z 07/10 PLondon

JAMMERS

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

MAZEILKA (X06)

PoSW's log:

30-Aug-03, Saturday, 1014z, 12,181kHz, weak signal, strength S4 to S5 only. Went off just after 1019z, listened for 3 minutes, nothing further heard.

31-Aug-03, Sunday, 2105z, 7,584kHz, strength S9, went off 2113z, listened until 2116z, nothing further heard.

8-Sept-03, Monday, 1836z, 9,197kHz, very strong signal with background buzz, went off just before 1843z - just like someone pulling the plug out, as seems to be the case with X06 these days, nothing further heard.

1848z 11,411kHz, another very strong X06, vanished a few seconds after being tuned in and again, nothing further heard.

24-Sept-03, Wednesday, 2012z, 9,105kHz, good signal; as always vanished suddenly and nothing further heard.

2024z, 11,467kHz, something a bit different here; this was X06 being transmitted in suppressed carrier mode. Noted while tuning across the band, no audible tones with the receiver in AM mode but the rhythm of six tones was evident. Quickly selecting USB mode and tuning the signal in produced a strong X06. Went off 2031z, nothing further heard.

2-Oct-03, Thursday, 1356z, 12,224kHz, a weak X06, strength S5, vanished 1401z, nothing further heard.

1403z, 9,105kHz strong signal, much stronger than the X06 on 12,224 a few minutes earlier. Went off about a minute after being tuned in, listened until 1407z, nothing further heard. [Tnx PoSW]

Heard by AF, Germany

7820kHz 1910z 23/09

Heard by Jochen Schupper, Marburg Germany:

8123kHz 0600z 18/09

12066kHz 1942z 15/09

Martin Potter heard X06 on 3517kHz 0240z 16/10 and again at 0730z 19/10

MP's location is in Canada.

RN GB heard X06 on:
12118kHz 1800z 17/09

S28 [formerly XB]

It buzzes away on 4625kHz.

From Oliver Vollacker, Darmsstadt, Germany:

4625kHz	2244z	19/09
	1852z	22/09
	2312z	22/09

www.geocities.com/uvb76

S30 [The Pip]

Continues to dominate 3757kHz in the 80M band.

From Oliver Vollacker, Darmstadt, Germany.

3756kHz	2339z	19/09
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PLondon received a phone message from AnonMW to the effect that he was hearing a pip like sound on 8629kHz 1600 to at least 1730z on 18/10. A marker possibly, but a very strong signal in South London and Wales.

SLOT-MACHINE (XSL)

XSL is heard on 4152.5, 4231, 4290.5, 6249.5, 6416.5, 6444.5, 8312.5, 8587.5 and 8703.5kHz. USB mode

Still being heard in US, Oceania and like areas. E2k would like to receive details of any observations made in Great Britain, Eire and Europe please.

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

Sun	1500z	1600z	1900z
Mon	0900z	1700z	2215z
Tue	1510z	1530z	1600z
Wed	1400z	1500z	1545z
Thu	1600z		
Fri	1450z	1600z	2140z
Sat	1400z	1600z	1700z

The text via <http://www.geocities.com/hfasia/files/Japanese-PSK.html> describes the Slot Machine as Japanese PSK with a Vertical bandwidth of 3kHz. It states frequencies in use as:

4152.5, 4231, 4290.5, 6249.5, 6416.5, 6444.5, 8312.5, 8587.5, 8703.5kHz

6445.0kHz	1416z	07/09
6447.0kHz	1200z	25/09
8513.5kHz	0508z	07/09
8588.0kHz	0508z	07/09
8588.0kHz	0518z	09/09

SQUEAKY WHEEL(XSW)

Can be heard strutting its stuff on 3828kHz

TELEPRINTER 4710

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

4710kHz	0640z	16/10
9000kHz	0642z	16/10
11222kHz	0643z	16/10

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

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

Frequency information and trends can be downloaded from:

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

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

Non Number Station radio observations

PoS asks, "Has everyone noted the great chunks of noise inside some of the broadcast bands?" and continues: They are always very strong and I think they are experimental transmissions for the new digital shortwave broadcast standard. Frequencies noted include 5,975, 6,095, 15,780 and most recently in October, 7,315 and 9,410 this last one logged with a massive signal on Saturday 11-Oct at 1150z and of special interest because it is a BBC World Service frequency.

Somewhat lower in the spectrum, in terms of both frequency and technology, broadcast activity noted on 252 KHz longwave observed in September. This frequency is allocated to the Republic of Ireland and for a while back in the nineties carried a pop music station "Atlantic 252" aimed at the younger generation but the limited audio quality obtainable from long wave did not go down too well in the era of CDs and MTV and the station folded a few years ago. There had been reports in Shortwave Magazine from time to time that the Irish state broadcasting organisation RTE was planning to use 252 KHz to relay their domestic service to a wider audience but I had heard nothing - until Saturday 6-September when I chanced to tune down the longwave band and found 252 occupied by "RTE Radio 1" with a strong signal. It was interesting to hear a broadcast station in the English language (well, mostly!) from outside the UK with a mixture of feature programmes, current affairs, traditional Irish music and so on and gave the impression that it was actually run by grown ups in contrast with a lot of the dumbed down style of presentation of a large part of UK domestic broadcasting. It was on every

day until Thursday 18 - Sept when there was no trace when I checked 252 at 1850z. It showed up again on the weekend of 27 and 28 - Sept but has not been heard since - shame!
[TnxPoSW]

Manolis [Crete] writes, "And a reason why the ionosphere is amazing... Even if the conditions were bad these days, it is fantastic that propagation sometimes benefits a harmonic of a station and not its real frequency... I heard a Greek pirate's transmission on 9220kHz at 1312z.[29/10]. Possibly it was the 5th harmonic of 1844kHz which was barely audible!!!!

ENIGMA 2000 ARTICLE

Part 3, the concluding section, of this interesting piece from our German Desk.

Sudeten Germans

Bohemia and Moravia which are today part of the Czech Republic had a German population as far back as the 12th Century. In the Sudeten region of Czechoslovakia immediately prior to WW2 there existed a strong German minority. This area was annexed by the Germans just prior to WW", as a result of Hitler's expansionist policies, his "Drang Nach Osten" [Push to the East]. Post WW2 this area was returned to Czechoslovakia and most of its German residents forcibly expelled. Not all left however. Official Czech sources give the number of Ethnic Germans still living there 51000. German sources estimate this number as 200000.

Germans in Slovakia

The region of Carpathia, today divided between Slovakia and the Ukraine was home to German settlements as far back as the 11th Century. The main regions in Slovakia which were German settled were the areas of Zips and the city of Pressburg. The 1938 estimate of Carpathian Germans living in Slovakia is stated in the records of the time as 130000. Post WW2 most were deported. A census taken in 1991 showed the number of Germans as 5629. Unofficial estimates suggest 15000.

Sources

This article has been researched using the following sources:

1. The excellent site at: <http://www.geocities.com/Athens/9479/deu1.html>
[This site is a must for anyone interested in anthropological subjects, minority languages or ethnic groups].
2. Feldgrau.com: The excellent research site owned by Jason Pipes. If you want information on any 1914 - 18 or 1939-45 war involving the German Armed Forces, Police, Auxiliary or Intelligence Services, try this site.
3. Waffen-SS by DSV Fosten and RJ Marrion. Published by Almark [Out of print]? An excellent and concise source of information on the many and varied SS Divisions and their uniforms and equipment.
4. Private conversation with various individuals, over many years. As the majority can no longer be asked for permission to divulge their identity I have given all the courtesy of anonymity. Many belonged to the MSO [Mixed Services Organisation] which all who served in BAOR will recall. I always found them worth getting to know, preferably early in the evening! They can best be described as a type of Balkan Pioneer Corps, fed, housed and clothed by the British Army. In return they performed hard labouring jobs and various guard duties for BAOR [particularly on big NATO schemes]. Interestingly many were Serb, the only language we had in common was German - that of our former enemy.
5. CIA World Fact Book. An excellent source of information on the internet. It covers everything most researchers will need on any country worldwide; population, armed forces, railway systems, airports and so on.

Historical Notes and comment

Many of the regions mentioned in this article, save Switzerland, were incorporated, forcibly, as a result of conquest into Germany, or, as the times went, Greater Germany.

Luxembourg, Alsace-Lorraine, the Sudetenland and East Prussia were amongst these. As such they were subject to the conscription laws in force in wartime Germany. Once conscripted would have served in whatever branch of service they were selected for, be it Army, Navy or Air Force. Many went voluntarily in thousands of cases into the various 'foreign legions' of the Waffen-SS. Others would be subject to the labour laws and could be forced into the Reichs Arbeits Dienst, the Labour Service.

Ironically, following 20th July, 1944 attempt on Hitler's life all foreign units serving in the German armed forces were incorporated, by the stroke of a pen, into the SS. Thus those serving had no say in the matter, certainly a case of compulsory transfer!.

All the ethnic German groups mentioned provided a source of voluntary recruitment during WW2, notably the SS who had sufficient volunteers to form complete divisions. These divisions were named after various national groups or heroes ie Belgium: Legion Wallonie, or French: Legion Charlemagne.

I have omitted the Legion of St George, a unit formed of disaffected British Nationals who were PoW's. They had a strength of between 60 to 2 to 300 depending on what source one believes. They were omitted because, like many of the other National Legions, they are not relevant here.

So, how do these eastern ethnic groups stand today? Post-reunification times and attitudes have changed.

When East Germany still existed, that existence was never officially recognised by the West German government. Today millions of Marks have had to be invested in rebuilding infrastructure and industry, the technology of which has not progressed beyond the 1950's.

The influx of former East Germans and latterly, ethnic German groups seeking work in the affluent former West Germany has staggered the labour and financial market.

Unemployment, once unknown in East Germany, and not a real problem in West Germany, is now a real threat to the economy.

One of the first acts on the reunification of East and West German Armed Forces was the compulsory retirement of 70000 officers and senior NCO's, along with the East German Border Guard Force.

Presumably, these were considered too indoctrinated by what is considered an extremist regime.

How do today's Germans view all this? One of my long time German friends, an ordinary working class person, expressed this opinion on the influx of Eastern and ethnic groups from East Germany and beyond.

She said, "They come here [the West] and claim they were bitten in the arse by a German Shepherd Dog sixty years ago and now claim it makes them German!"

I too watched an interesting interview some years back, in the immediate reunification times. The interviewee was from the former East Prussia. When asked what he would do about the lack of work in his area he said, "Go West." The interviewer then asked what he would do if the work dried up. "No problem," he replied in heavily accented German, "I can always work 'black'". This is the literal translation of 'Schwarz Arbeiten', to work black or be on the black economy. We would say 'off the books' or 'on the fiddle'.

So, with unemployment rising, the economy faltering, several thousand unemployed servicemen and former secret police men and STASI agents, small wonder the German Numbers keep rolling onto the short waves. We seem to be living, according to the ancient Chinese curse, 'in interesting times'. [Tnx German Desk]. ©ENIGMA2000. May,2003.

[ENIGMA 2000 is privy to the little known fact that the majority of Secret Policemen and STASI agents are now taxi drivers. All former East Germans have to do is tell the driver their name and they are taken straight to their home address!]

NEWS & ITEMS of INTEREST

Interesting follow on's from PoSW:

With reference to the story in the ENIGMA 2K newsletter issue 18 on the subject of the Swedish DC3 aircraft found in 300ft of water;- there was feature on this on the "Newsnight" programme on BBC2 TV on 25 - Sept. Unfortunately I missed the start since it was already running when I switched the TV on but the general theme seemed to be that for most of the Cold War the Swedish government ran an electronic surveillance operation directed against the Soviet Union on behalf of NATO despite Sweden's declared policy of strict neutrality.

Also around late September or early October there were a couple of espionage and military intelligence related stories which seemed to vanish quickly from the media. First, I am sure I heard - possibly on the late news on BBC Radio 4 - of a new twist to the story of the "Gaul", the British deep water trawler which sank off northern Russia in 1974 ;- the story was to the effect that human remains recovered from the wreck had all been DNA tested and links had been found with living relatives of the crewmen; all except for one set of bones which could not be DNA linked to any relatives of any of the crew; and it was suggested that these were the remains of the intelligence officer who was on board the Gaul to undertake spying operations against the Soviet navy.

The other story in the news around this time concerned a military exercise somewhere in Scotland in which some soldiers from Ukraine were taking part; apparently they became a bit too enthusiastic and had set up a roadblock on a public highway and were stopping passing motorists and forcing them out of their cars and so on. In certain parts of the United States of America - amongst the good ol' boys of the survivalist and militia movements for example - it is widely believed that that the US government has plans to suspend the constitution and use foreign troops, the former Warsaw Pact countries, Albania and China are often cited as examples, to maintain order within the USA. It is quite easy to see how an incident like this might fuel someone's paranoia!

Strangely, these news stories seemed to vanish quickly from the broadcast media and I could find no mention of them in the newspapers. [TnxPoSW].

British Embassy shot at.

Following the arrest of an Iranian national, who is accused of involvement with an explosion in Argentina, the British Embassy Chancery building in Tehran Iran was struck by five rounds. No one was injured.

The shooting is believed to have been carried out but two gunmen who escaped on a motorcycle.

The British Embassy is the most visible symbol of the coalition in Iran, the US Embassy being closed when it was invaded by 'students' over 20 years ago. [Crack US troops - Delta Force- also launched a rescue operation of its Diplomats but failed miserably]. Two days prior the Embassy was pelted in protest of the US led coalition to protect Ayatollah Baqr al-Hakim who died in a bomb attack previously.

A second attack occurred six days later [09/09] when 3 or 4 rounds were discharged near to the Embassy at 2025z [0055 local].

Gas! GAS! Quick, boys! -- An ecstasy of fumbling

If in some smothering dreams, you too could pace
Behind the wagon that we flung him in,
And watch the white eyes writhing in his face,
His hanging face, like a devil's sick of sin,
If you could hear, at every jolt, the blood
Come gargling from the froth-corrupted lungs
Bitter as the cud

Worrying stuff indeed from the pen of Wilfred Owen, a British First World War poet, in his piece 'Dulce Et Decorum Est', which memorably paints a picture of the effects of a poison gas attack but also removes the lustre and fine veneer of patriotism

My friend, you would not tell with such high zest
To children ardent for some desperate glory
The old Lie: Dulce et Decorum est Pro patria mori
[A sweet and fitting thing to die for one's Country].

On Sunday 7th September Exercise Osiris was held in the confines of Bank London Underground Station to mimic the effects of a chemical agent being released on a tube train whilst in transit between two stations. At 1148, we are told, a simulated attack was made on a tube train outside Bank Station. The driver, aware of the mishap stopped the train some 50 yards short of the platform, and still within the tunnel. Two British Transport Policemen approached the train with a Chemical Agent Monitoring Meter, CAM, [probably manufactured by Graseby Instruments, now Graseby Dynamics Ltd of Watford Hertfordshire] and tested for chemical agent presence. [Was it actually an ICAM – Improved Chemical Agent Monitoring Meter]. The meter is simple to use having only an on/off switch and a mode select switch.. The modes are G and V, being nerve and vesicant agent respectively.

[CAM L1A1]. Was Detector Kit, Chemical Agent, Residual Vapour, No1 MK1, NSN 6665-99-961-6082 used. Deifferent from the CAM it consists of a pouch containing an aspirating pump and various reagents and detector 'tickets' for the detection of vapour hazards.

They were no doubt wearing an S10, or more likely the AR10 civilian respirator and a nobby suit, tastefully turned out in Blue, *de riguer* of the moment. [Nobby suits can be made more fashionable with the wearing on the extremities of Detector Paper, Chemical Agent No2 Mk2 Liquid, one colour, NSN 6665-99-225-1005. Of course the paper could give a false positive if the bearer is smothered in aerosol deodorant]. The paper only responds to direct liquid contamination and will not react to vapour.

On board the train 60 casualties were patiently waiting. All volunteers from the Met Police Training College Hendon [and no doubt replete with chips with their breakfast from the canteen that morning] these disciplined young persons patiently waited to be rescued as any British member of the public would also do.

The London Ambulance Service and London Fire Brigade, along with Police Controls would be meeting at the RVP, sorry, rendezvous point and a plan to deal with the immediate problems would be taken from operational requirements.

Ladders, we were told, were extended to allow easy access to the track for rescue personnel wearing green chemical exclusion suits. [On the Sky TV report whilst all this was going on a bloke could be seen walking about in T shirt and Jeans in the affected area]!

Unfortunately it took 30 mins for the first help to arrive - but hey, this is Britain and no doubt there was an incident elsewhere involving refugees and asylum seekers, who must come first.

On the surface, reports would be made of the temperature, wind speed and direction and any other meteorological information that might seem necessary. The fact that animals were still flying above the station and no dead pets were about would also hint at the fact that the liberated agent had not reached the surface. Of course Air and Ground temperature affect agent characteristics, higher air temperatures possibly causing the evaporation of aerosol particles and, due to the diminished size of the particles, increase the chances of them reaching the lungs. If the temperature is low the opposite occurs, temperature affects the persistence of the agent greatly. Humidity will affect the dissemination [and therefore] the effectiveness of a chemical agent. Rain is a variable factor that may, or may not help disperse an agent. Wind is self explanatory and for a chemical agent to be most effective the wind needs to be steady and less than 4knots/hr. A built up urban area may cause higher persistence in agents rather than in an open area. Porous brickwork may absorb agents for them to be released at a slow rate on an undeterminable date.

Decontamination was carried out under tents and casualties ferried to University College Hospital, although some presented themselves under their own steam.

A sample of the agent would be placed in a modesty container and transported to an adequately equipped laboratory for detailed analysis, possibly at the hospital used for the treatment of casualties. The London facility is believed to be in the Camberwell area of London and probably not even stocked up as such either!

The exercise started at 1148 and ended at 1515. A success, or just a message to those who might perpetrate such a horror on England?

One thing though - This must have been the only tube that has run to time lately - and you can bet a penny to a pound of s**t that the casualties didn't have to wait 8 hours in casualty for treatment whilst Britain's refugees and asylum seekers get seen first. After all us Nationals only pay for all this. Wonder if there was a busker on the train with his guitar ruining decent music and expecting money for it, or the usual east European woman with her baby begging from carriage to carriage?

Was it realistic? Apart from the emergency services part, there were no screaming, panicking persons defaecating in fear, running up the tunnel the wrong way in sheer panic, fighting each other to get out to save their life above all others. Did anyone set about the rescuers - I'll bet not. No they all behaved in a really decent and disciplined good manner, returning to Hendon to take another appreciative look at the Carp pond behind Peel House before debrief and the completion of a 728 to claim for soiled clobber. [Further reading: Jane's Chem-Bio Handbook, 2nd Edition ISBN 0 7106 2571-5]

Why Exercise 'Osiris'? Osiris was the ancient Egyptian great God of the Dead, King of the Afterlife - synonymous with the Land of the Dead and the setting Sun. Bit explanatory that! I'd hate my sun to set in some dirty underground station, to be truthful!

For those of you who have served the Colours and suffered the initial basic training remember this: BLOT-BANG-RUB!

MI6 in West End of London

The expansion of MI6 has caused it to acquire a new property for £2M per annum rent in the West End.

The lease is a long one for the building which offers some 60000sqft [5574sqM] for use by the SIS. It is apparent that SIS has outgrown its Vauxhall Cross headquarters and has called for a 10 to 20% increase in budget and a rapid expansion in its counter-terrorism unit.

It is claimed that whilst the deal has been agreed and signed, a get-out clause allows MI6 to walk away from the deal if its identity is matched to the building.

From Gallus Galus we hear about the construction of a NSA eavesdropping station in South Algeria [according to a newspaper]:

ALGIERS (AP) - An American eavesdropping station will be built soon in SouthAlgeria, claims Sunday "Le quotidien d'Oran" ("the daily newspaper ofOran"), quoting "informed sources". This station of the National Security Agency (NSA) which will be based in Tamanrasset (3.550km south of Algiers) aims at "intercepting then analysing all communications by telephone, data-processing network or radio". Moreover, referring to these same "informed sources", the daily newspaper announces a visit by American General Charles Wald, No2 of the American Command in Europe, to South Algeria. Arrived Saturday to Algiers, he will be received there by the major general Mohammed Saheb, commander of the sixth military region area, which encompasses territories having borders with Mali, Niger, Mauritania, Morocco and Libya. Pointing out published information one month ago by the "New York Times" relating to a project of an American military base settlement in this area, the "Quotidien d'Oran" estimates that the visit of General Wald General "addresses Algerian-American concerns about security in this area where threats are multiple". The last events having had for theatre this area of the world are as many factors which worry Washington and mobilize the Algerian army, explains the newspaper.

One can thus quote the thwarted coup d'etat against the Mauritanian President Maaouya Ould Sid' Ahmed Taya, ally of the United States and Algeria, supposed links between Al-Qaïda and the Salafist Group for Predication and Combat (GSPC), and its role in abducting 31 European tourists or the proliferation of weapons and smuggling.

Since the attacks of September 11, the Algerian-American military co-operation knew an unprecedented boost, noticeably stressed by Algerian officers following training in the United States, the common naval operations between the Algerian navy and the sixth U.S. fleet based in the Mediterranean, the delivery of the first night vision equipments and the exchange of intelligence about Al-Qaïda. More info:<http://fr.news.yahoo.com/030907/5/3dvl.html>. [Txn Gallus Galus] However JoA suggests that, "There are 3 high points in the Hoggar region: Tahat 2918m., Assekrem 2728m., and further East and less likely is Dj. Serkout 2306m. Maybe it will be situated on one of these." [Txn JoA]

Possible Terrorists arrested

Eleven suspected Algerian terrorists were arrested in a series of anti-terrorist raids on business premises and homes on 30/09, as announced by Sir John Stevens, Chief Constable, on LBC97.3.

This was the culmination of a long running investigation by the Police and MI5 into the links in North African communities with supporters of extremist Islamic groups. Eight were held at London's maximum security Police Station whilst three were held in Manchester. A fourth person in Manchester was released. The Manchester arrests were compared in the 'Daily Mail' as not being as significant as those in London.

Cold War Spy Towers demolished

Two 600ft high antenna mast ahve been demolished at the former British Intelligence radio station at Criggion, 10miles from Welshpool, in mid-Wales.

The station was originally built during WW2 and its heyday was in the 1960's. After the fall of communism in the mid 1990's the station became surplus to requirement.

Session Papers on TSO site:

Report of the Interception of Communications Commissioner for 2002 HC 1047

Report of the Intelligence Services Commissioner for 2002 HC 1048

Annual Report of the Chief Surveillance Commissioner to the Prime Minister and to Scottish Ministers for 2002-2003 HC 1062

The House of Commons Session Papers are out on the TSO site and ENIGMA 2000 received an email which stated: 'If you haven't already then have a read at <http://www.official-documents.co.uk/menu/com2003.htm> which are the official reports of the secret service commissioners. They give an interesting insight into these official matters without revealing anything. My favourite quote was from the Communications Commissioner':

"13. In February 2002, at the request of the Secret Intelligence Service (SIS), I paid a short visit to Jamaica, Barbados, and Trinidad to discuss the question of legislation governing the interception of communications with representatives of the governments, senior officials, members of the judiciary and others in those countries. I believe that this visit was welcomed and fruitful. It was followed up successfully by members of the legal department of SIS. "

Our correspondent remarked, "Don't you just hate those awful business trips to the West Indies right in the middle of the UK winter !! and you can bet it was followed by several members of SIS :) Odd there don't appear to be any trips to Belgium or anywhere boring like that. [Excellent post IW, please post again!].

Intel Chatter

This URL has been sent in by IW:

<http://slate.msn.com/id/2088261/>

Very interesting and worth a read.

Pulled Story:

Ottawa Sun

September 19, 2003

Nine Israelis face deportation

Spy agency suspects they may be foreign agents

By JOHN STEINBACHS and ANDREW SEYMOUR

Ottawa Sun

NINE Israeli nationals -- who[m] CSIS suspects are possible foreign agents -- were arrested by Immigration and Ottawa police tactical officers last Friday, blocks from Parliament Hill. The nine have all been charged by Immigration for working in Canada illegally. All are in their 20s and were apparently selling art in Ottawa.

The arrests follow similar takedowns of Israelis in Toronto and Calgary over the past few weeks.

An Ottawa police source said police were told members of the group were possible agents from Mossad, Israel's spy agency, but given no further information by CSIS.

CSIS declined to comment yesterday.

All nine have since been released and are staying in several rooms at a Lisgar St. apartment-hotel.

Citizenship and Immigration spokesman Rejean Cantlon confirmed that nine Israelis were arrested last Friday for working in Canada without a permit. Immigration hearings were held Wednesday and nine exclusion orders were issued.

No weapons

Ienav Sofer, Amit Yedudai, Rani Rahuhim Katsov, Roy Laniado, Shulamit Gorelik and Anatoly Belnik received exclusion orders for two years for working without authorization and misrepresentation. Koby Cole, Sharon Moskovitz and Yafit Avram were issued exclusion orders for one year.

All will be deported as soon as paperwork is ready, likely within the next few weeks, Cantlon said.

They were arrested with the help of tactical and patrol officers Friday between 5 p.m. and 6 p.m.

No weapons were found in their rooms.

Yesterday, eight were found walking down Lisgar St., but offered no comment when asked if they were Israeli art students.

This is not the first time students selling art in Ottawa have caused concern with law enforcement. In 2001, Centrepointe residents complained of foreign students selling paintings in their neighbourhood that turned out to be fakes.

"We're outraged"

The story of Israeli art students peddling paintings in foreign countries has been reported in the media and on the Internet in the past.

U.S. reports have alleged that groups of students had been trying to sell art in federal government buildings, prompting concerns about intelligence gathering, but no proof has ever been found linking the art peddlers with espionage.

"I keep seeing these things and looking into them, I really don't know how credible they are," said former CSIS chief of strategic planning David Harris. "Certainly it would be extremely surprising if such an outfit would repeat a (technique) in that sort of way."

Israeli Embassy spokesman Ben Forer said the matter is being treated very seriously.

"These are illegal workers ... we're outraged by this," he said. "We expect Israeli citizens that would like to work in Canada to equip themselves with the appropriate work permits before they come to Canada."

Forer laughed when asked if the arrests had anything to do with terrorism or if the nine are agents of Mossad -- whose operatives have been known in the past to favour using bogus Canadian passports.

"We don't know full details about what the paintings were but it was a completely commercial matter," Forer said.

[Story apparently pulled from the Ottawa Sun prior before it was run].

Car Park/Bomb Shelter

An ex-soldier [REME] on the Robert Elms show on BBC94.9 rang in to say that the massive car park under Hyde Park was a bomb shelter. He was most emphatic that there were blast doors, still operational today.

A visit has been made to this car park and it is massive, complete with a long service corridor. We also believe it to be the venue for the exchange of Dr Radcliffe for money, and the shooting of the CIA agent Barney by Harry Palmer [Sir Michael Caine] in the great British film, 'The Ipcress File.' [Tnx KW].

MI5 told of SVR plots to top tycoon in London

MI5 was told of a plot to assassinate a media tycoon in London. The Russian billionaire, Boris Berezovsky was to be stabbed with a pen containing a poison. The venue for this attack was to be Bow Street's Magistrates courthouse that he would attend to contest charges of fraud. The assassin apparently lost his nerve and betrayed the plot to British Security Services. [Tnx E].

You wouldn't look twice at this ad

Capita Ras posted a recent ad for Administrators in Central London £16576 [pay award pending] plus excellent benefits. Needing only 2 A levels or equivalent and 5 GCSE's inc Maths and English at Grade C or above you'll receive a comprehensive induction programme, ongoing development and varied career opportunities. 'Beyond that, benefits include a good pension scheme, generous holidays and excellent social and gym facilities.

Central London – surely not, Vauxhall Cross slums it on the South bank, unless of course it's the new West End location that no one must know about! [Millbank is only marginally better as it's only just north at the end of Lambeth bridge. [Tnx E].

Land deals for Mossad

Mossad have purchased land near to the Syrian border in Northern Iraq for the purpose of spying on Syria and Iran. The land covers around 618 acres and has already been fenced in prior to an intelligence base being constructed there. Sources have added that other Israeli bases will be built near the Iraqi/Iranian border to monitor traffic and cells that gather along the Iranian border. It is believed that the Mossad agents speak fluent Arabic and Kurdish and are disguised as locals. It comes as no surprise that there is 'extensive teamwork between American and Israeli intelligence personnel on the Iraqi border' to ward off potential Islamic extremists targeting American forces. [Al-Bayyan, via 'E']

F83 in the National Geographic

Menwith Hill has is the subject of an interesting article in the latest [November] issue of 'National Geographic magazine on the general theme of high-tech surveillance. The article includes a photograph taken at Menwith Hill showing several satellite dish installations and three vertical lattice masts which look as though they might have something to do with shortwave radio. [via PoSW, tnx].

£1.25Billion

That is the cost to Great Britain of the US led fiasco in Iraq. What has it achieved so far? Apart from the appalling conditions in Iraq that will pervade as long as America gives the orders there is also the question as to where the money will come from. Looking at the performance of the NHS and the high amount of stealth taxes being sneaked on the British public it is obvious.

Incidentally, congrats to 18 yo Trooper Finney who rescued and continued to act in defiance of the so-called friendly fire incident by some gung-ho A10 American pilot in Iraq. Tpr Finney was awarded the George Cross, the highest award available for his bravery. Three other British servicemen earned the Queen's Gallantry Medal for similar selfless acts in friendly fire incidents. [KW, who sent this news in asked us to state that our blokes have to earn their medals].

In passing DoK wants to know what has happened to his old base, RAF Habbaniyah, 50 miles from Baghdad and the town of Falujah which he knows well. DoK recalls that the British forces, Iraq, had excellent relations with the Iraqis. Piracy on the High Seas

An interesting piece in The Times [31/10] gave details of the acts of Piracy on the high seas. The acts are almost impossible to stop and ships masters are advised to ensure they are beyond 75 miles from land in the affected areas. There is also the interesting suggestion that use of maritime VHF radio is avoided to stop Pirates locating their next victims.

A frightening end

In his letter to ENIGMA 2000 PoSW concluded with this rather chilling observation:

"To end with; I am finishing this letter a bit after 7 AM on Wednesday 22-October. I was listening to the "Today" programme on BBC Radio 4 on 198 KHz longwave while typing until a short while ago when the dulcet tones of John Humphreys suddenly vanished; the big transmitter at Droitwich has gone off the air! It was reported a few years ago that the captains of Britain's nuclear submarine fleet regularly check to confirm they can receive the 198KHz signal and if they can't hear it they assume Britain has been knocked out by a nuclear strike and come to a state of war readiness; I hope that procedure no longer applies!" [Tnx PoSW]

RELEVANT WEB SITES

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

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

<http://fr.news.yahoo.com/030907/5/3dvl.html>

http://www.bbc.co.uk/shropshire/history/2003/07/radio_masts.shtml

http://www.subbrit.org.uk/sb-sites/sites/c/criggion_radio/index.shtml

<http://www.thales-communications.ltd.uk/about/history.htm>

<http://www.official-documents.co.uk/menu/com2003.htm>

<http://slate.msn.com/id/2088261/>

http://www.subbrit.org.uk/sb-sites/sites/r/rugby_radio/index.shtml

<http://www.aftenposten.no/english/local/article.jhtml?articleID=609108>

http://www.roke.co.uk/sensors/stealth/cell_phone_radar_concept.asp

Tnx to all who ranswered the call for information on the FWA, Meibion Glydwr and for the massive response.
E: Tnx your msg/log/cuttings
LP: Tnx your log

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

Please note that all items intended for publication in the next ENIGMA 2000 newsletter should be received in good time. Please send your articles, news items and requests via: enigma2000-owner@yahoo.com
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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Our apologies for the delay in the final preparation of this issue; mainly due to the
unfortunate Mail Strike.