

# ENIGMA 2000 NEWSLETTER

Sept 03

Articles, news reports and Items of interest: [enigma2000-owner@yahoo.com](mailto:enigma2000-owner@yahoo.com) Issue 18  
<http://groups.yahoo.com/group/enigma2000>

Welcome all, once again, to Issue 18. Once again we give our customary thanks to all our contributors for their ongoing support, and the interesting/lively (and I'm informed, sometimes controversial) discussions on the group site. This is the time of year when holidays traditionally interrupt the flow of info into E2K, not so this year – methinks many holidays were spent monitoring judging by the number of “new” finds. Monitors regularly reported a rapid improvement in listening conditions during August and this is confirmed with our only having received 2 alerts from <ips.gov.au> indicating disrupted conditions for the whole month.

Copyright – your editors take issue with a statement in the Aug 2003 edition of SWM Magazine (p 48) that the ENIGMA Control List is “not copyright”.

A group member, a gentleman of the legal profession, and regular contributor, comments :-

“although much of the information is now in the public domain it is there mainly as a long term result of the existence of the Control List, the acts of assemblage, editing, verification and presentation style of the information and its De Facto acceptance within the hobby would be recognised at law as copyright” [ this refers to UK/EU law and international formal agreements. Ed ]

“It is also my considered opinion that all other similarly originated documents published by ENIGMA 2000, for and on behalf of its members, and the hobby in general, would be similarly recognised”

(Ed's note, since the inception of E2K we have as a matter of routine taken “advice” on all our published material, and will continue to do so for obvious reasons)

Morse Profiles List

During September it is hoped that a completely revised, re-edited, detailed description listing of the CW stations (mainly for the more proficient monitors) will be placed onto the group site.

ENIGMA Control List Issue 19

Running a little later than expected owing to some last minute additions, should also be posted during September.

## SELECTED MORSE STATIONS

CW traffic jam:- GD

On Mon 25th Aug, 21.00z, 5735kHz

M10 “555” / M51 in prog and M01a “333” all decided to use the same freq, a bit of a nightmare for the recipients !!

M10e, back again, see entry,

M13b, back again, see entry

M18, back with us, see entry. (Now re-activated in the Control List)

M56 possibly heard again after some 6 years !!!, see entry

Unid1 voice IB

3 July, 06.30z, 9101kHz, suspected Chinese Mil but in LSB with YL synth voice

Unid GD

On Mon 28 Jul, 20.00z, 6805kHz Clg “238” for 4 mins, nothing other

On Wed 30 Jul, 20.00z, 6805kHz Clg “238” for 3 mins, nothing other

On Wed 6 Aug, 20.00z, 6805kHz Clg “238” for 4 mins, nothing other

On Wed 6 Aug, 20.00z 5327kHz Clg “523” for 9 mins, nothing other

GD comments that his initial impression was that this could have been an M23, however when M23 sends a 3f ID it usually lasts for 10 mins and is sent daily, this CW did not have the expected characteristic M23 sound.

( GD has offered to investigate further pending allocation of a new ID number, Ed )

M01

Still active on its regular freqs, although noticed that the CG is lower than previous, as low as 24.

M01a (end of month variant)

On Mon 25th Aug, 21.00z (in prog), 5735kHz. [Sending was so bad that even GD had great difficulty in understanding it]

Example:-

“784784784333 48 45477 783784785333 44777 44777 78 478 784333 43777 43777

784784 4333 44577 784784784 333 45198 78488478433 44198 45198 784784784 333 etc”

On Tue 26th Aug GD caught the repeat at 21.00z, 5735kHz and managed, with difficulty, to sort out the TX as being:-

784 784 784 333 43991 43991

784 784 784 333 43771 43771

040 01

040 01

784 784 784 333 43284 43284 all x 10

784 784 784 333 44341 44341 all x 11

784 784 784 333 43811 43811

784 000

even in this TX all the 784 & 333's were sent without any spaces, and why so many uneven repeats for just two 5f gps ?

There was no further repeat on the Wednesday.

[ If these TX's are intended as instructions for “field agents” they are either very competent CW readers, ignore the TX's or these TX's have no significance other than mis-information/dis-information. Ed]

#### M08a

Late starts becoming a habit, where it tends to omit the calls and go straight into the mssg.

On July 4th the 02.10z & 04.10z skeds were NRH

On July 6th, 10.00z 8136kHz the TX stopped at 10.02z but carrier remained up for normal sked time. However the TX restarted on 3925kHz at 10.02z !!!

On 13 July, 11.00z, 9238kHz (uncopiable, strong carrier overriding)

On 19 July, 10.00z, 9323kHz the first mssg was the same number as the first mssg on the 10.00z 3025kHz sked !!

(MS remarked he had never observed this happen previously) [ nothing found in our archives either, Ed]

On 9th Aug, 03.00z it TX'ed on 10125 // 4028 with the V2a sked on 4028kHz being blocked by M8a !! (another C'up)

On 31st Aug, 08.00z / 09.00z, 10236 / 9323kHz the sig was so bad the dits & dahs all sounded as dits.

Additional freqs heard 3025, 3244, 3926, 4027, 4478, 5763, 7975, 8010, 8136, 8186, 9060, 9112, 9153, 9238, 9323, 9328, 9330/1, 10119, 10126, 10235, 10293, 10343, 10345, 10446, 10566, 10715, 10858, 11430, 11565, 12093

#### M10

Are there some changes afoot here, from 5 July to 19th the 02.10z, 04.10z & 17.20z skeds have been NRH (and the 02.10z "new mssg" was not sent on 4th but a day late on 5th).

No set freqs, appears to be using many as in 2002

On July 3rd, 02.10z, 7380kHz

On July 19th, 02.10z / 04.10z, 7380 / 6780kHz "555 x 3, 041 x 3, 35, 277 x 3, 31" (R5)

On July 28th, 04.00z, 3808kHz "555" with very strong sig (S9+) into London UK, back to S5 on 29th !!!

From July 20th to 9TH Aug the 02.10z & 04.10z skeds were NRH.

On Aug 9th, 02.10z 7380kHz & 04.10z, 6780kHz "555" skeds and again on 30th Aug.

#### M10e back again (GD)

Not heard since 15 Jan 03 appeared again on Tue 19 Aug 07.00z, 7381kHz with very short mssgs, hand sent

Clg 111 x 3, 18153 x 3, 07 x 3, 72862 x 3, 06 x 3

Also possibly found on Wednesdays, 11.00z, 7845kHz, with longer mssgs in MCW. (GD investigating)

#### M12

On 18 July, 20.20z ,12229kHz, "219" sked

#### M13

On 6 July, 19.00z & 20.00z, 12494kHz , "261" sked.

On 10 July, 20.00z, 12745kHz, "714" sked.

On 19 & 20 July, 04.30z, 5878kHz, "411" sked, both poor copy.

On 20 July, 20.14z in prog, 12494kHz. (probably "261" sked)

On 3 Aug, 04.30z, 5622kHz "411" & 19.00z, 11444kHz "261" both reported as very poor sigs by MS with 20.00z sked NRH

#### M13b

Last reported March 2002, (appears 21.00z summertime/22.00z wintertime). nice catch JP.

On 13 July, 21.00z, 4638kHz, Clg 175 274 21.

(JP remarks "should have been 273 ?")

[maybe this was its 2nd mssg, so 274 could be correct. Ed/GD]

#### M13d

6 July, 02.30z sked nil heard.

NRH up to 30rd Aug

#### M18

After a very long absence on 26th Aug 21.20z, 4503kHz. Reported with an online "heads up" by Ary Boender

This station now re-activated in the ENIGMA Control List as from issue 19, to be published during September 2003.

#### M23 ICW per GD

On July 3rd, 09.00z, 7800kHz, sent the string "TNNAIAlAINIAl" (has been known to send a series of I's before a mssg)

On July 4th/ 6th 04.00z, 7630kHz, Clg 555 (R10)

On July 5th, 05.00z, 10520kHz, Clg 555 (R10) and 04.30z on 6th

On July 9th, 16.00 & 16.30z, 19950kHz Clg 555 (a high freq for this station)

On 7 July, 09.57z, 7800kHz. A very strange TX caught by GD

Sent letter S every 10 seconds for 8 minutes

Sent letter D every 10 seconds for 8 minutes

Then mix of both letters for 3 minutes, no message or other info sent

On July 11th, 09.28z, 7800kHz sending letters A D E I N O S T in random order

On 19 July, 04.30z, 10520kHz, Clg 555 (R10)

#### M39

No fixed freqs or skeds known

No reports

#### M40

On 23 July, 02.00z, 6680kHz. Clg "vvv cq 466, 437 hr hr 49 49"

#### M51

On 22 July, 06.58z, 3805kHz (very low freq), noted that the keying was "slurred" at times causing letters to merge.

M56 ( a very remarkable catch by GD, 90% certainty of ID)

This is the first E2K logging of M56 (possibly a Special Forces station) ,certainly none have been reported in the "numbers press" since Aug 1997.

On Thu 31 July, 17.55z, 5280kHz, long zeros.

Clg 87 87 01 01 52273 52273 000 1800 = 87 87 00 00 88888 01620 01620.

At 18.00z M01 then came up on same freq, no more heard from M56

(I wonder if the above was in fact the complete TX as reports from the mid 90's also indicated very short TX's. Ed)

M83

On 7 July, 06.55z, 5200kHz

On 11 July, 06.53z, 5228kHz (a slow Auto TX)

M87 MCW & CW cut (all per IB)

On 8 July, 03.30z, 16420kHz, hand MCW

... 154 x 6, 000 000

154 x 11, 000 000

154 x 22, 000 000

154 x 7, 000 000

(Unusual TX in that every set of 3f groups ends with "000 000" rather than just the expected final group, Ed)

On 14 July, 00.01z, 7940kHz, CW.

... 684 x 11, 000

684 x 20, 000

684 x 11, 000 000

Thanks to AB, BM, DoK GD, JP, LP, ML, MoK, MS, PoL, RNGB, Anon2 UK, Anon1 EU.

### SELECTED VOICE STATIONS

Before we move onto the logs here is an interesting explanatory piece from JerseyAnon on the tones we hear prior to transmissions:

Tones on transmission.

Prior to the start of transmission it is not uncommon to hear the odd, or a series of tones. The polytones are no stranger as 1200Hz tones of short, medium, long or very long duration are heard at various times whilst the carrier is up prior to the message proper being sent.

Other Number Stations using Single Sideband also regularly send tones prior to transmission, the sendings usually being of good quality unless propagation takes a hand in the unwanted ionospheric effects to the sent signal.

Inter-modulation Distortion [IMD] is a problem with modulated transmission and a two-tone test is carried out using two non-harmonically related audio tones. The result of this test should be a correctly set up signal of good purity. Similarly a single tone test can be used to measure unwanted sideband and carrier suppression of SSB signals.

The quality of what is sent and received is obviously influenced by a properly conducted test and transmitter adjustment but there is another, less obvious, benefit.

Looking at the keying of any particular M10 transmission on a spectrum analyser one recognises the waveforms [the AF envelopes] as against those sent by a different transmission, say M13.

Each transmitter can quite easily have an unwanted signature, allowing it to be distinguished from any apparatus used for sending the same message. If the same message is being sent from a slightly different location [ships would be a good example] then a properly set up transmitter at each location would not aid the identification or direction finding from anyone with an interest to do so. So are these tones we hear random? Probably not! [Tnx JerseyAnon]

In addition to the exciting revelations by JerseyAnon we were also contacted by MB who sent us some thoughts on judging propagation and the state of the HF spectrum. [A very useful article given the state of propagation lately].

This, MB says, is what he uses:

Kiel Beacon 10144.0kHz [Sunspot Number, Magnetic Field, Flux, Boulder A index]

*Transmission path variable but generally pretty good.*

Haifa 4XZ [M22] 8103.0kHz [Continuous Call Sign on Loop, does not carry traffic all the time].

*Useful as a monitor on propagation to Israel.*

Nicosia Cyprus 5BA42 8737.0kHz [ID on Voice Loop, "Radio Telephone Maritime Service"].

*Useful as a monitor of propagation to this area.*

Note: Quite often 4XZ and 5BA42 will not be heard together. [It seems the propagation path is not quite the same for each transmission].

The VOLMET transmissions [all USB] are a useful indicator of propagation conditions as they provide a round the clock transmission:

Gander/New York VOLMET: 3485kHz, 6604kHz, 10051kHz, 13270kHz

*Gander and New York each have 30 min time slots in 1 hour. [New York is now back on air having been off for several months].*

Shannon VOLMET: 3413kHz, 5505kHz, 8957kHz 13264kHz

*On occasions propagation has been so poor that it has been impossible to receive a satisfactory signal on any of these frequencies.*

RAF VOLMET: 5450kHz, 11253kHz,

*This is an interesting station to listen to. Although the time schedule remains the same the Met Stations change depending on where the military action is taking place in the world. There is, however, a sort of fixed core of Met sites with one in every broadcast.*

Jammers

Commercial jammers are used to jam Commercial Broadcasts with Chinese Bubble and Musical jammers being a nuisance. Examples can be found as:

Chinese Jammers:                    9805kHz,                    9955kHz,                    11945kHz,                    13625kHz,  
   13670kHz,                    13820kHz,                    15110kHz,

Iranian Jammers:                    9530kHz [bubble]

Buzzer jammer:                    11430kHz, [possibly Russian].  
[TnxMB, Stirling stuff].

#### Non Number Station items of interest:-

American Forces Radio in single sideband still noted from time to time on 13,855 KHz, does not seem to be on every day. Also noted on 7,507 KHz, early mornings only UK time with a slight time delay relative to 13,855.

Amateur station in 15 metre band;- noted on Sunday 13-July at 1404z, 21,285 KHz;- callsign DJ3FK/ Aeronautical Mobile, location given as over northern Libya; unusual if genuine. Very strong signal, went QRT shortly afterwards much to the annoyance of the many stations waiting to work him. [Tnx PoSW]

#### A different view of numbers from CD:

"UK band Spunkle has released a set of songs called "Music for DXing" that are inspired by the hunt for signals. There's some XP inspired tunes as well as some more challenging pieces, and they nearly all feature the flotsam of the airwaves. The "artist" figured that fellow listeners might want to hear

them, and is interested in how "listenable" the collection is, given that some dxers don't seem to mind listening to the assorted fizzes of HF!" Download this fine album [E2k has a file copy and it is excellent] from: <http://1104.ca/dav>

Now onto the logs:

#### 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.

ENIGMA 2000 thanks those who have recently posted logs of E03/E03a [E04] activity via group.

#### E05

There have been no reports concerning E05 messages but this was received from AnonUK hinting at some 'E05' activities:

6970kHz 2100z    20/07 [Carrier only]  
8110kHz 2100z    20/07 [Carrier only]

Recently PoSW wrote for August, "No sign of any activity at all from the American Accent E05, last heard at the end of May; but on Saturday 12-July at 0706z there were strong carriers modulated by audio tone - measured as 1,022 Hz - on two known E05 frequencies, 8,110 and 9,090 KHz. Nothing has been heard since so perhaps someone was having a last nostalgic play with a couple of the transmitters before the scrap dealers moved in!" [Tnx PoSW]

#### E06

The E06 English Man seems to have deserted the one time regular Saturday 1230z + 1330z schedule - I couldn't find it at all in August although the second and fourth Saturday in the month 1220z + 1320z schedule turned up as expected. [Tnx PoSW].

5460kHz 2008z    10/07 AF and E  
5735kHz 2130z    18/07 [315 217 48 23346] AF  
9080kHz 1915z    16/07 [null msg 627] Gert  
                 2200z    16/07 [null msg 792] Gert  
9120kHz 2100z    08/07 [null msg 471] Gert  
9130kHz 2100z    22/07 [null msg 471] Gert  
11130kHz 2100z    16/07 [792 00000] RNGB  
12185kHz 2100z    12/07 [490 Null Msg] Jochen  
12200kHz 1500z    12/07 [null msg 736] Gert  
                 1500z    26/07 [736 495 126 35243] AF, hfd & selco  
13910kHz 1330z    17/08 [540 163 29 08367..] USB via Selco  
14510kHz 1400z    26/07 [736] selco  
14747kHz 1330z    12/07 [369 718 55 60492] AF  
                 1330z    19/07 [369 471 35 93770] AF  
15813kHz 1220z    09/08 [Null761] AnonUK  
16105kHz 1230z    12/07 [369-718/55=60492] Gert  
17430kHz 1320z    09/08 [Null761] AnonUK

#### E07

7739kHz 0510z    01/08 [701] HFD  
                 0510z    08/08 [701] RNGB  
                 0510z    22/08 [701 000] PLondon  
8251kHz 0510z    02/07 [246:0] hfd

0510z	09/07 [246:0] hfd
0510z	16/07 [246:1-4818/111=69375] Gert
9042kHz 0530z	06/08 [701 000] RNGB
0530z	08/08 [701 000] RNGB
0530z	22/08 [701 000] PLondon
9476kHz 0530z	16/07 [246:1-4818/111=69375] Gert
10353kHz 2052z	03/07 [573-143/68=38582] Gert.
2050z	31/07 [573 759 63 83289 55273] RNGB
10361kHz 0550z	16/07 [246:1-4818/111=69375] Gert
11059kHz 1740z	13/08 [810 234 -38grps] RNGB
11137kHz 2030z	07/08 [233 759 63 84289 55273] RNGB
12177kHz 1720z	13/08 [810 234 -38grps] RNGB
12203kHz 2040z	07/07 [682-358/27=71997] Gert and AF, RN GB
2040z	09/07 [682-358/27=71997] Gert, AF and Jochen
12226kHz 2010z	07/08 [233 759 63 84289 55273] RNGB
13506kHz 2020z	04/08 [950 423 30 51741 63205] RNGB
2020z	06/08 [950:0] HFD
2020z	18/08 [950 000] RNGB
13511kHz 1700z	09/07 [506 000]
1700z	23/07 [506 000] RNGB
13526kHz 2010z	17/07 [573:0] RNGB
2010z	24/07 [573:0] hfd
2010z	31/07 [573 759 63 83289 55273] RNGB
13872kHz 2020z	02/07 [682:0] AF & hfd
2020z	07/07 [682:1-358/27=71997] AF ,hfd RNGB
2020z	09/07 [682-358/27=71997] RNGB
2020z	14/07 [null msg 682] Gert
2020z	21/07 weak, AF
2020z	23/07 [682-257/42=29661] Gert
2020z	28/07 [null msg 682] Gert
13833kHz 1700z	13/08 [810 234 -38grps] RNGB
14911kHz 2000z	04/08 [950 423 30 51741 63205] RNGB
2000z	06/08 [950 000]
2000z	11/08 [950 000] RNGB
15638kHz 2000z	07/07 [682:1-358/27=71997] hfd
15640kHz 2000z	02/07 BLOCKED BY KOL ISRAEL. hfd

E10

From our E10 desk :

E10 July 03

3.150

00:30 8/7 PCD G95 ISTWT

3.840

01:00 26/7 YHF G58 AFVHY

4.015

22:45 1/7 VLB2 \* 23:45 27/7 VLB2

4.165

23:15 13/7 KPA2 (Freq Change) \* 22:15 29/7 KPA2

4.270

00:01 21/7 PCD2 \* 23:30 24/7 PCD G23 QGHZG

4.360

23:15 1/7 MIW2 (Freq Change) \* 22:15 29/7 MIW2

4.461

21:00 4/7 FTJ G34 \* 00:01 25/7 FTJ G119 LIDFW \* 00:01 26/7 FTJ G119 LIDFW

00:07 26/7 MIW2 (Two calls only)

4.648

23:15 3/7 KPA2 (Freq Change) \* 22:15 29/7 KPA2

4.780

20:15 2/7 SYN2 (Extended transmission Ended 23:15 hrs) \* 23:45 27/7 SYN2

4.880

00:01 4/7 ULX G16 UFSTA + G24 WMCOL \* 22:00 8/7 ULX2 \* 22:00 29/7 ULX G37 MZIRI

5.091

21:00 4/7 JSR2 \* 22:00 8/7 JSR G30 HPHOJ \* 22:00 29/7 JSR G39 RRFNH

5.170

20:15 2/7 VLB2 ( Extended transmission Ended 23:15hrs) \* 23:45 27/7 VLB2

5.230

22:45 1/7 CIO2 \* 23:45 27/7 CIO2

5.339

22:15 1/7 KPA2 \* 22:15 29/7 KPA2

5.435

22:00 2/7 ART2

00:01 5/7 ART G160 LQXAB

00:30 5/7 ART G18 ABUAQ  
00:01 11/7 ART G160 LQXAB  
00:01 15/7 ART G160 LQXAB  
23:30 15/7 ART G51 BKCMJ  
00:01 16/7 ART G160 LQXAB  
00:30 25/7 ART G16 DZEMP  
21:00 27/7 ART G61 LSQRD  
22:00 29/7 ART2  
5.820  
22:00 6/7 YHF2 \* 20:30 27/7 YHF G95 HCTEW

6.210 N/H

6.270  
00:01 4/7 ULX G16 UFSTA + G24 WMCOL  
00:01 5/7 ULX G16 UFSTA + G24 WMCOL  
00:01 16/7 ULX G109 QGKOB  
00:01 25/7 ULX G69 HALZJ

6.370 N/H

6.575  
23:30 15/7 HNC-S (Ended at 23:40hrs) \* 23:19 20/7 HNC-S (Ended at 23:23hrs)

6.840

23:00 4/7 EZI G65  
23:00 16/7 EZI G65 JQRRX  
23:00 18/7 EZI G65 JQRRX

6.912

22:45 1/7 SYN2 \* 20:15 2/7 SYN2 (Extended Transmission ended 23:15hrs)  
00:15 25/7 MIW2 (Freq Change) \* 00:45 25/7 SYN2 \* 23:45 27/7 SYN2

6.930

23:15 1/7 MIW2 \* 21:15 19/7 MIW2 (Extended Transmission ended 22:21hrs) \* 22:15 29/7 MIW2

6.986 N/H

7.445

19:15 13/7 KPA2

7.540

20:00 17/7 JSR G105 OXAAC

7.605

23:15 1/7 MIW2 (Freq Change) \* 21:15 19/7 MIW2 (Extended Transmission ended 22:21hrs)  
00:10 26/7 MIW2 (Four calls only) then 00:17 to 00:22 hrs normal 5mins call \* 22:15 29/7 MIW2

7.690

22:30 1/7 VLB2 (Freq Change) \* 23:45 27/7 VLB2

7.760

19:30 13/7 ULX G69 KYTUB (Started group mess at 19:40 (Extended opening call))

7.811

22:45 1/7 CIO2 \* 23:45 27/7 CIO2

7.918

20:30 27/7 YHF G95 HCTEW

8.025

23:45 1/7 SYN2 (Freq Change) \* 23:45 27/7 SYN2

8.127

20:15 2/7 CIO2 ( Extended Transmission ended 23:15hrs) (Freq Change) \* 23:45 27/7 CIO2

8.805 N/H

9.130

23:30 3/7 EZI G63 UALNO  
23:30 4/7 EZI G63 UALNO  
19:01 7/7 EZI2  
00:30 8/7 EZI G86 ZVPLB  
23:00 10/7 EZI G65 JQRRX  
23:30 10/7 EZI G63 UALNO  
23:30 15/7 EZI G63 UALNO  
23:00 16/7 EZI G65 JQRRX  
23:00 18/7 EZI G65 JQRRX  
23:30 18/7 EZI G63 UALNO  
22:30 22/7 EZI G15 GAURN  
23:00 22/7 EZI G65 JQRRX  
23:30 22/7 EZI G63 UALNO  
23:30 23/7 EZI G63 UALNO  
23:30 24/7 EZI G63 UALNO  
21:00 25/7 EZI G65 JQRRX  
23:30 25/7 EZI G63 UALNO  
21:02 27/7 EZI G65 JQRRX  
23:30 27/7 EZI G46 ERLRD  
21:00 28/7 EZI G65 JQRRX  
23:31 28/7 EZI G63 UALNO

9.202

23:30 20/7 YHF2

10.648

23:30 16/7 YHF2

11.565

23:30 1/7 EZI G63 UALNO

23:30 3/7 EZI G63 UALNO

23:30 4/7 EZI G63 UALNO

18:30 14/7 EZI G86 ZVPLB

20:30 14/7 EZI2

19:30 17/7 EZI G75 OALQV

23:00 18/7 EZI G65 JQRRX

14.530 N/H

17.410

16:30 25/7 EZI2 \* 10:00 28/7 EZI G38 ALDDA

19.715

16:30 25/7 EZI2 \* 15:02 29/7 EZI G83 QKGDI

\*Bold Lettering denotes Repeated Message

#### E10 Log Comments

The noise factor has certainly gone up since last month and reception has been poor. I've had difficulty picking up the stns on various frequencies as you can see by the log.

I'm entering the xxx2 strings only once at the beginning and end of the month as I hear them, unless there is a change of schedule/Stn etc during the month.

I tuned in on the 2/7 at 20:15hrs and found VLB2, COI2 & SYN2 still transmitting, outside the normal time span of H+45 to H+50 this may have started at 1945hrs and continued till 23:15 hrs when all stopped. No group messages sent.

Note that CIO2/SYN2/VLB2/MIW2/KPA2 have all made freq changes at the start and during the month.

EZI Continues to transmit repeat messages, as does ART & ULX.

The most repeated messages from EZI heard during my survey in the three month period May to July were as follows:- G63 UALNO 30 times (Still being transmitted)

G83 NDNYP 12 times

G73 MQKIF 9 times

G65 JQRRX 9 times (Still being transmitted)

G81 VZZXG 8 times

HNC-S was twice heard briefly on the 15 & 20th of July again no group messages.

26 July. MIW2 must have been on the "Jerusalem Jollop" making two calls on 4.461 at 00:07 hrs just as FTJ had commenced a G119 message on that same freq. MIW2 then came up on an expected freq of 7.605 at 00:10 four calls only, then up again at 00:17hrs with the normal call of 5mins till 00:22hrs

#### E10 Desk Aug 03

3.640

20:45 3/8 CIO2 (Freq Change) <> 00:45 27/8 CIO2

3.840

23:00 7/8 YHF G58 NAIMC \* 23:00 13/8 YHF G26 XTFKT (Freq 3.839.8) \* 23:00 18/8 YHF G26 XTFKT

4.015

23:45 31/7 SYN2 (Freq Change) \* 00:45 01/8 SYN2 & VLB2 ( Transmitting at same time and freq)

22:45 1/8 VLB2 \* 00:45 3/8 SYN2 \* 20:45 3/8 VLB2 <> 00:45 27/8 VLB2

4.165

00:15 01/8 KPA2 <> 01:15 27/8 KPA2

4.270

23:30 11/8 PCD G105 SBKHS \* 22:30 25/8 PCD2 \* 01:00 27/8 PCD G93 ESCIR

4.360

00:15 01/8 MIW2 <> 01:15 27/8 MIW2

4.461

22:30 2/8 FTJ G10 EKVWI \* 00:01 12/8 FTJ G171 IHRNF \* 23:00 17/8 FTJ G51 BTBAE

20:30 21/8 FTJ G12 IMBXW \* 00:01 23/8 FTJ G34 NHZJZ \* 00:01 26/8 FTJ G34 NHZJZ

23:00 27/8 FTJ G108 FKbfd

4.648

00:15 01/8 KPA2 <> 01:15 27/8 KPA2

4.780

00:45 01/8 SYN2 <> 00:45 27/8 SYN2

4.880

23:00 20/8 ULX G95 MIUNB \* 22:30 25/8 ULX2

5.091

22:30 1/8 JSR G20 MAVRP \* 23:30 11/8 JSR G92 OAAIU \* 22:30 13/8 JSR G20 MAVRP  
21:30 14/8 JSR2 \* 23:02 15/8 JSR & ART (At same time and freq) \* 22:00 18/8 JSR G100 YZJYW  
22:00 19/8 JSR G100 YZJYW \* 20:00 21/8 JSR2

5.170

00:45 01/8 VLB2 <> 00:45 27/8 VLB2

5.230

00:45 01/8 CIO2 <> 00:45 27/8 CIO2

5.339

00:15 01/8 KPA2 \* 23:15 25/8 MIW2 (Freq Change) \* 00:15 27/8 KPA2

5.435

23:30 3/8 ART G95 MHPCH \* 00:04 4/8 ART G19 KETRO \* 22:00 7/8 ART2 \* 23:00 7/8 ART G76 LRNTK  
23:00 13/8 ART G95 OGNXK \* 23:30 18/8 ART G?+ G48 QZETX ( No repeat)  
20:00 20/8 EZI opening call then at 20:04 ART2 \* 00:01 22/8 ART G19 KETRO \* 01:00 27/8 ART2

5.820

22:00 4/8 YHF2 <> 22:30 25/8 YHF2

6.370

19:45 20/8 CIO2 (Freq Change)

6.498

22:01 1/8 PCD G22 UJPJF \* 23:30 6/8 PCD G23 QGH?G \* 23:30 11/8 PCD G105 SBKHS

6.840

23:00 3/8 EZI G76 VIKCL \* 22:30 7/8 EZI G55 ZOGCQ \* 23:00 18/8 EZI G77 AESFH

6.912

00:45 01/8 SYN2 \* 23:38 8/8 SYN2 (Extended call ended at ?, see log comments) <> 00:45 27/8 SYN2

6.930

00:15 01/8 MIW2 \* 23:15 3/8 MIW2 ( extended call ended 23:27hrs ) <> 01:15 27/8 MIW2 \* 22:45 27/8 CIO2

23:15 27/8 MIW2

6.986

00:05 01/8 ART G19 KETRO (Freq 6.985.8) \* 20:00 3/8 ART2 \* 00:04 4/8 ART G19 KETRO (Freq 6.985.8)

7.605

00:15 01/8 MIW2 <> 01:15 27/8 MIW2

7.690

00:45 01/8 VLB2 <> 00:45 27/8 VLB2

7.811

00:45 01/8 CIO2 <> 00:45 27/8 CIO2

7.918

8.025

23:45 31/7 VLB2 (Freq Change) \* 22:45 1/8 SYN2 \* 22:45 2/8 VLB2 \* 20:45 3/8 SYN2 <> 00:45 27/8 SYN2

8.127

00:45 01/8 CIO2

9.130

00:30 01/8 EZI G88 UWDNE \* 21:00 1/8 EZI G76 VIKCL \* 20:00 3/8 EZI G86 WHEUI  
23:30 3/8 EZI G63 UALNO \* 00:30 5/8 EZI G88 UWDNE \* 23:30 6/8 EZI G63 UALNO  
23:30 8/8 EZI G63 UALNO \* 00:30 9/8 EZI G88 UWDNE \* 00:30 10/8 EZI G88 UWDNE  
23:30 11/8 EZI2 \* 23:30 13/8 EZI G18 MESOP \* 23:00 14/8 EZI G77 AESFH  
23:30 17/8 EZI G18 G18 MESOP \* 19:30 18/8 EZI G90 YWELQ \* 02:15 20/8 MIW2  
02:30 20/8 EZI G80 UOYWO \* 20:00 21/8 EZI G93 ZOFRC \* 22:30 25/8 EZI G28 ULKEE  
23:00 27/8 EZI G90 PVCFL

11.565

20:00 25/8 EZI G97 RMWBS

17.410

14:30 5/8 EZI2

**Bold Lettering denotes Repeated Message** <> Denotes From-To. No change to schedule

E10 Log Comments

I'm entering the xxx2 strings only once at the beginning and at the end of the month as I hear them, unless there is a change of schedule/Stn etc on that freq during the month. All freq's are in USB.

01 Aug. It had to happen, SYN2 & VLB2 have been swapping freq's for a while now, and on freq 4.015 at 00:45hrs both stns were transmitting at the same time. (Jerusalem Jollop strikes again)

8 Aug. Tuned into SYN2 transmitting at 23:38hrs (outside its normal schedule) on 6.912, 8.025 & 4.780, it may have commenced at 23:30 hrs but is normally heard at H+45 to H+50hrs. No group message given. This procedure is not rare and seems to occur with a number of xxx2 strings at various times. It is still transmitting at 01:00hrs as I close down.

15 Aug. You may have noticed that over the last month or so a majority of c/s have been late in opening the transmission at the expected times, 3/4 mins late in some of cases. At one stage I did think my computer clock was playing up but constant checks proved it not to be the reason. However today the all the transmissions I have heard, have started and ended right on time. One of the main culprits had been EZI whom I have been monitoring. Other minor changes noted has been the up/down tuning of the frequency for the odd transmission by certain c/s ie ART, YHF & EZI this month

At 23:00 hrs ART & JSR were transmitting at the same time on 5.091 very confusing lasted approx 4 mins before ending.



20 Aug. At 02:15hrs MIW2 was heard for its 5mins transmission on 9.130 a freq normally associated with EZI, may be a one off call, has not been heard since.

Many thanks to RN GB for the following

2626 2300z 24/7 FTJ  
3150 1830z 1/8 PCD \* 2030z 18/8 PCD2  
3640 2045z 18/8 CIO2  
4015 2245z 24/7 VLB2 \* 2045z 18/8 VLB2  
4270 1900z 1/8 PCD1 \* 2030z 18/8 PCD2  
4461 2300z 24/7 FTJ \* 1930z 1/8 FTJ \* 2030z 18/8 FTJ  
4463 1900z 1/8 FTJ2  
4560 2300z 24/7 YHF2 \* 2130z 9/8 YHF2  
4648 2115z 18/8 KPA2  
4780 2045z 18/8 SYN2  
4880 2300z 24/7 ULX \* 1830z 1/8 ULX G75 \* 1900z 1/8 ULX2  
5091 2000z 31/7 JSR2 \* 1830z 1/8 JSR 1900z \* 1/8 JSR2 1930z \* 1/8 JSR G106  
5170 1845z 1/8 VLB2 \* 2045z 18/8 VLB2  
5230 1845z 1/8 CIO2 \* 2045z 18/8 CIO2  
5339 2115z 21/7 KPA2 \* 1815z 1/8 KPA2  
5435 1900z 1/8 ULX2 \* 2030z 18/8 ART  
5820 1900z 1/8 YHF  
6270 1830z 1/8 ULX \* 2030z 18/8 ULX  
6370 1815z 1/8 KPA2  
6498 2100z 19/8 PCD  
6912 2045z 31/7 SYN2 \* 1845z 1/8 SYN2 \* 0515z 8/8 SYN2  
6930 2015z 17/7 MIW2 \* 2215z 24/7 MIW2 \* 0515z 8/8 MIW2  
7322 1930z 1/8 FTJ  
7358 2100z 7/7 FTJ \* 2100z 19/8 FTJ  
7540 1900z 22/7 JSR \* 2030z 18/8 JSR2  
7605 2023z 17/7 MIW2 \* 1845z 1/8 CIO2 \* 0515z 8/8 MIW2  
7690 2045z 10/7 VLB2 \* 2045z 31/7 VLB2 \* 1845z 1/8 VLB2 \* 1745z 13/8 VLB2  
7760 1830z 1/8 ULX \* 1830z 1/8 ULX  
7811 1945z 7/8 CIO2 \* 1745z 13/8 CIO2  
7918 1930z 1/8 YHF  
8025 1845z 1/8 SYN2 \* 1945z 7/8 SYN2 \* 0513z 8/8 SYN2  
7811 1745z 7/7 CIO2 \* 2045z 10/7 CIO2 \* 1745z 31/7 CIO2  
7918 1930z 31/7 YHF  
8025 1745z 7/7 SYN2 \* 1745z 31/7 SYN2  
8127 1800z 7/7 CIO2 \* 2045z 17/7 CIO2 \* 2045z 31/7 CIO2  
9130 1830z 1/8 EZI  
9202 1830z 17/7 YHF2 \* 1830z 1/8 YHF2  
10648 2030z 22/7 YHF2 \* 1830z 1/8 YHF2  
11565 1830z 1/8 EZI  
14530 0700z 10/7 YHF \* 2030z 22/7 YHF2 \* 0700z 25/7 YHF2 \* 2030z 7/8 YHF  
17410 1230z 5/8 EZI2

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Tnx Bob – excellent stuff.

E11

A message was sent on 15/07 and intercepted by AnonUK. Another was sent 19/08 and intercepted by AF, more follows after the logs.

AF sent in an exhaustive E11 log for August. It was comprehensive enough to confirm these transmissions:

Tuesday

0830z 8544kHz [182 or 184] and 6814kHz  
1030z 9610kHz [312]  
1230z 9448kHz [312]  
1330z 9950kHz [313]

Thursday

0800z 10125kHz [232]

Friday

0800z 11116kHz [232]  
1030z 9610kHz [312]  
1230z 9448kHz [183]

Mixed logs:

6814kHz 0830z 15/07 [ Message sent! 184/34] From AnonUK  
8544kHz 0830z 12/08 [182/00] RN GB  
9448kHz 1230z 01/07 Tues [null msg 312] Gert  
1230z 08/07 [312/00] RN GB  
1230z 15/07 Tues [null msg 312] Gert  
1230z 22/07 Tues [null msg 312] AF

1230z 25/07 Tues [null msg 312] Weak AF  
 1230z 29/07 Tues [null msg 312] AF  
 1230z 05/08 [312/00] RN GB  
 1230z 19/08 [312/00]  
 9610kHz 1030z 04/07 [312/00] AF  
 1030z 08/07 [312/00] RN GB  
 1030z 15/07 [312/00] AF  
 1030z 18/07 [312/00] Good sigs, AF  
 1030z 22/07 [312/00] AF  
 1030z 25/07 [312/00] AF  
 9950kHz 1300z 08/07 [183/00] RN GB  
 1300z 22/07 [183/00] AF  
 1300z 05/08 [183/00] RN GB  
 1300z 19/08 [183/00]  
 10125kHz 0800z 10/07 [null msg 232] AF & Gert  
 0800z 17/07 [null msg 232] Gert  
 0800z 24/07 [null msg 232] Gert, RNGB  
 0800z 14/08 [null msg 232] RNGB  
 11116kHz 0800z 11/07 [232/00] AF & JoA  
 0800z 08/08 [232/00] Patrice  
 0800z 15/08 [232/00] JoA & RNGB

AF has looked into the E11 message of 19/08 and notes the usage of "77777" [Remarkable repeats].

8544kHz 0830z - 0841z 19/08/2003

184/33 184/33 184/33 184/33 (5 Minutes)

Attention

77777 77777 77777 77777 29009 29009 36883 36883 52648 52648  
 38682 38682 55976 55976 58568 58568 79619 79619 87632 87632  
 78145 78145 91169 91169 24735 24735 90467 90467 12104 12104  
 27363 27363 75093 75093 76206 76206 45599 45599 94136 94136  
 81903 81903 57317 57317 98075 98075 49233 49233 11525 11505  
 28563 28563 33657 33657 39820 39820 07426 07426 21026 21026  
 50013 50013 77777 77777 77777 77777

Attention

77777 77777 29009 36883 52648 38682 55976 58568 79619 87632  
 78145 91169 24735 90467 12104 27363 75093 76206 45599 94136  
 81903 57317 98075 49233 11505 28563 33657 39820 07426 21026  
 50013 77777 77777

Out

That means in in the 33 groups we have 4 times 77777! Could that mean anything special? For 'randomness' that seems to be to often. I compared this message with the only other E11 message I logged so far:

9063kHz 1030 - 1038z 01/09/2002

121/16 121/16 121/16 121/16 121/16 121/16

attention

32173 32173 36130 36130 00405 00405 65097 65097 17243 17243  
 64304 64304 86869 86869 25703 25703 59540 59540 56932 56932  
 77777 77777 48348 48348 13663 13663 54530 54530 68760 68760  
 63099 63099

attention

32173 36130 00405 65097 17243 64304 86869 25703 59540 56932  
 77777 48348 13663 54530 68760 63099

out

This 16 groups have also 1 times "77777".

So in 49 groups that should look random we have 5 times 77777, thats about 10% of the numbers!

[Thanks AF]

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		

E17

From Gert we receive this interesting log

6325kHz 2008z 04/08 [274 - 631/50] First groups were distorted, ended 00000

### E17Z

Heard by RN GB:

7635kHz 0710z 24/07 [274 115 30 24852 03473 etc, ending 115 30 00000] RRGB remarks 'she does not speak with an English accent'.

Another heard by Gert:

6325kHz 2008z 04/08 [274-631/50 first grps distorted].

### E18

### 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	06/08	AF		
		1155z	21/08	AF		
	0956z	25/08	[5f very weak] PatPrivFrance.			

### E25

From Manolis we received an interesting account of his discovery of E25 which reads:

I tuned my radio on 9448kHz USB around 12.29z but a strong carrier was nearby. (9450kHz) A man was reading something like "nine, (?), zero, five, thirty-one" until 12.33z. He had an Arab accent, and the signal strength was like of a BC station! (5-7 out of 7 signal strength indicator bars of my Sangean ATS-909 & 7m longwire.)

Today (Friday 22/8) I got back from my vacation, and I wanted to see if the culprit was still there. At 12.27z I tuned on 9450kHz, but I didn't find anything. I searched the frequencies nearby and I stumbled at a carrier on 9202kHz. At 12.30z started calling "EZII" until 12.31z. What a surprise! Back on 9448kHz USB, E11 calling "312/00". I kept on searching, and at 12.48z on 9450kHz, I heard Arab music! At 12.53z a man was saying (live) "two-zero, two-one, two-two, two-three, (longer gap), two-two-seven" continuously. He stopped at 12.57z (carrier down)! Excellent work Manolis - thanks for sharing!

9450kHz 1229z12/08  
1248z 22/08 [heralded by 'Arab' music, carrier down after figs at 1257z

Manolis' finding prompted those of us in Western Europe [includes GB and NI!] to tune our receivers to 9450kHz; without success it might be added.

It was encouraging that Manolis used the Sound Sample posted in the Files section to identify what he had heard. AnonUK emailed to say that whilst he was unable to hear an entire message he did hear some evidence of E25 activity due to peculiarities noticed just above the noise level on Sat 30/08 1245z.

### G04

Nil Reports

### G06

Gert writes in to inform us that for G06 on the first Monday of the month, 1900 and 2000z uses last years frequencies:

	1900z	2000z
jan	5084	8060
feb	6915	5360
mar	8035	6785
apr	9220	7680
may	11485	9115
june	12195	10310
july	11425	9240
aug	?	9120
sept	8170	6835
oct	?	5210
nov	5415	4585
dec	5190	3845

Frequencies may vary +/- 20 kHz from last years freqs.

PoSW wrote, "The G06 German YL has been turning up at the expected times; the Friday 1930z transmission is still inside the 49 metre BC band which makes for difficult copy. If this one follows the same pattern as previous years it should move to somewhere in the region of 5,442 kHz in September which is well away from the broadcasters. It will be interesting to see if the Thursday 1830z schedule can be found in September."

### First Monday in the Month Schedule

7-July-03, 1900z, 11,435 kHz, "Drei null acht" x 3, "Null" x 3 (308 308 308 00000). Good signal, lower sideband well suppressed. Carrier was up at 1836z on 11,425 kHz - which was the frequency used in July last year, moved to 11,435 at 1851z. 2000z, 9,265 kHz, repeat of "308 308 308 00000", strong signal, frequency for the second sending in July last year was 9,240 kHz 4-Aug-03, 1900z, 11,075 kHz, "308 308 308 00000", as in July; I missed this one in August last year so I had no starting point in the search; there was a strong carrier a few hundred Hz LF of G06 which caused a strong beat note and made copy difficult.

2000z, 9,120 kHz, repeat sending of "308 308 308 00000".

Thursday 1830z Schedule (Rule of thumb; if G06 shows up at 1830z on a Thursday the same message will be heard on the following day at 1930z on a lower frequency!)

12-June-03, 6,887 kHz, calling "Acht vier zwo" (842), DK/GC "Drei funef seben" (357) x 2, "drei funef" (35) x 2. Signal strength S7, lower sideband well suppressed. This schedule last heard on 22-May.

26-June-03, 6,887 kHz, same call, DK and GC as when last heard two weeks ago, "842" and "357 357 35 35".

10-July-03, 6,887 kHz, calling "Acht vier zwo" (842), DK/GC "Sechs funef seben" (657) x 2, "Drei neun" (39) x 2. Signal strength S9, lower sideband well suppressed.

24-July-03, 6,887 kHz, same as when last heard on 10-July, "842" and "657 657 39 39".

14-Aug-03, 6,887 kHz, call as always "842", DK/GC "Drei funef sechs" (356) x 2, "Vier zwo" (42) x 2.

#### Friday 1930z Schedule

13-June-03, 5,943 kHz, inside 49 metre BC band, severe QRM from broadcast station, last heard on 23-May on 5,933 kHz, a slightly clearer frequency. Call "Zwo eins acht" (218), DK/GC as last night's 1830z G06, "357 357 35 35".

27-June-03, 5,933 kHz, slightly better copy than when heard 10 KHz higher on 13-June, but still can only really be copied when using the RX in USB mode with the carrier tuned for zero beat. Call "218", DK/GC as last night's 1830z sending "357 357 35 35". Carrier was up when checked just after 1900z with numbers 1 to 9 in German spoken for several minutes after 1914z.

25-July-03, 5,943 kHz, "218" and "657 657 39 39", extremely difficult copy due to QRM from BC station.

15-Aug-03, 5,943 kHz, call is still "218", DK/GC same as last night's 1830z transmission, "356 356 42 42", usual severe QRM.

#### Sunday 2020z Schedule

22-June-03, 13,380 kHz, was also noted last Sunday, 15-June, and today's transmission had the same call, DK and GC, "Neun vier drei" (943) and "Eins zwo acht" (128) x 2, "Vier seben" (47) x 2. Signal strength up to S9, rapid QSB, lower sideband well suppressed. Not heard on the following Sunday, 29-June.

13-July-03, 13,380 kHz, still around in July; G06 on a Sunday used to be a rare event, just a few times per year! Call is still "943", DK/GC "Zwo funef sechs" (256) x 2, "Seben eins" (71) x 2. Strong signal, lower sideband well suppressed.

20-July-03, 13,380 kHz, same as on 13-July, "943" and "256 256 71 71"

10-Aug-03, 11,435 kHz and possibly started later than 2020z; having found no sign of G06 warming up on 13,380 kHz a suspicious carrier was noted on 11,435 at approx. 2015z; 2020z came and went and there was no sign of any kind of transmission but when checked again at 2030z the G06 German YL was heard in progress.

17-Aug-03, back to 13,380 kHz and 2020z, as in June and July; call still "943", DK/GC "Funef eins seben" (517) x 2, "Drei zwo" (32) x 2. Signal weak for a G06, S5 to S6 at best, lower sideband suppressed

#### Other observations:

6887kHz 1830z	14/07 [842-657/39=01290 hfd
9120kHz 2000z	04/08 [308 00000] m gb
9265kHz 2000z	07/07 ['308' 00000] af, hfd and mgb
11075kHz 1900z	04/08 [308:0] hfd
11435kHz 1900z	07/07 ['308' 00000] af, hfd and mgb
2025z	09/08 [943 517 32 05955] RRGB
2027z	10/08 [943] RN GB
13880kHz 2020z	13/07 [ID943, with a msg: 256/71] Jochen and hfd
2020z	19/07 [943-256/71=82822] Gert
2020z	20/07 [943-256/71=82822] AF

#### G22

6683kHz 2200z	03/07 [186 - Nr240 gr21=64406 poor audio] Initially discovered by Gert, also heard by CS in US.
2330z	03/07 [186 - Nr240 gr21=64406] AF
2200z	17/07 [186-240/21=64406] Gert

#### SLAVIC STATIONS

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

The past two months have been an eventful period for M10, S10D and S17C with changes commencing on Saturday 5th July.

As a result there has been more activity on the higher frequencies and new frequencies appeared from the end of July into August.

#### Chart No7 [As at 31/08/03].

Freq kHz	//	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
3808	5681		0400	0400		0400		
6780								0410
6763	9166		0450	0450				
8175			S0450			S0450		
6780		0535	0535		0535			0535
9386	11416					S0600		S0600
14565	15976	0615	0615	0615	0615	0615	0615	0615
5945	9386							0700

9986	13406							S0755
8190	12295					1200	1200	
6758		1250	1250	1250	1250	1250	1250	1250 [S17C]
7380	10923		1410	1410				
7745	9166							S1520
6763	4485	1610	1610					
4030	6801	1630	1630		1630			1630
5076	10125			1640				
5076	7745		1700	1700				
5076	8175				1700	1700		
8190	12295						1720	
8190	13502		S1740	S1740				
5945		1800				1800		
8190	13502		1820	1820				
13405	14445				S1855			
5076	8143				1900	1900		
8143	12226	1920	1920					
8190	13405				1940	1940		
9385	14445			1950		1950		1950
3563	4485		S2020			S2020		
8175		S2050		S2050				
3808	5735		2100		2100			
7475	9166					S2130		S2130
5945	9166		2200	2200				

©DoK31stAugust2003

Saturday 5<sup>th</sup> July saw the beginning of changes to the repeat routines as detailed in NL17 [p15]. These changes have reduced the number of repeats by over 50%, other routines mentioned in NL17 still apply.

These changes affected the 0210, 0400, 0410, 1720 and 2100z schedules and occurred two to three days after the publishing of NL17; like changes have also occurred on three previous occasions. Coincidence or paranoia? [Note correct spelling]!

For early risers, Saturday has rich pickings and on Saturday 21<sup>st</sup> July, whilst looking for the parallel to 14565kHz at 0615z, I was very surprised to find weak signals from 15700 to 16077kHz.

The strongest signals were 15976 and 15999kHz. Subsequent days led me to believe the parallel was 15976kHz and has been listed as such. However, these signals were only heard on days of good conditions. I would appreciate other reports of findings.

The spurious emissions lead me to believe that old technology is in use and an old transmitter being pushed beyond its design capabilities and without having the advantages of band-pass filters, some might call it junk! I have come across this problem before in both my amateur and professional life. Incorrect tuning of the power amplifier in order to try to increase the power output should also be considered, the resulting high SWR being more easily tolerated with a valved [tubes to our US cousins] power amplifier.

The S1855 schedule appears to be monthly. The 1900 schedule is not fully understood yet but it repeats the 1700 schedule messages.

The schedules from 1820 to 1940 appear to vary.

The 0535 schedules are repeated at 1630 and one message is repeated all week, 571, 275, 049 and 435 ID's being used.

On Thursday 14<sup>th</sup> August at 0615z M10 sent message 033 91 33 . This was repeated five times, by M10, over the next 12 days, culminating with it being repeated on Tuesday 26<sup>th</sup> August by S10D at 2050z on 8175kHz.. The was the first 'cross-over' message since earlier in the year and I wonder if this heralds a change at the end of the month.

I am writing this on 29/08 so by the time this is read all the foregoing may well be out of date and therefore should be used for reference purposes.

My thanks to AnonUK, Gert, PoSW and RN GB for their input. Finally Plondon for shaving with one hand and recording the 0400 and 0410z schedules, no doubt on an underwater writing pad!

*[A final note to UK listeners: If you consume too much ALE of a certain Australian Bre, are you likely to lose your head?]*

Until next time – Dobronotz & nazdar.

©DoK29thAugust2003 [Tnx DoK]

#### Onto the logs:

##### S06

5745kHz 1800z	26/08 [724:0] near to E03 HFD
1900z	05/08 [176 176 176 00000] AF
7245kHz 0800z	08/07 [null msg 394] Gert
7600kHz 1900z	15/07 [176:0] AF and E
7608kHz 1900z	01/07 [176:0] AF & hfd
1900z	19/08 [176 00000] RNGB and AF
1900z	19/08 [176?] USB, mighty clear!
8080kHz 1750z	01/08 [102 367 40 96220 07240] RNGB remarks, "This station could have started much earlier!"
1950z	05/08 [254 254 254 00000] AF
10220kHz 1850z	26/08 [257:0] HFD
11060kHz 1800z	26/07 [208-375/84=25342] AF, hfd and Gert
11150kHz 1800z	09/08 [Null 635] AnonUK
12210kHz 1500z	08/07 [493 00000] RNGB
13910kHz 1700z	09/08 [Null 635] AnonUK
1330z	14/08 [540 163 29 08367] AF
14580kHz 0700z	09/07 [null msg 729] Gert, RNGB
0700z	16/07 [null msg 729] Gert
0700z	13/08 [729 00000] RNGB
14860kHz 1400z	08/07 [493 00000] RNGB
15820kHz 1600z	09/08 [Null 724] AnonUK
16020kHz 0710z	09/07 [null msg 729, repeats 0700z 14M sending] Gert

PoSW's log included:

19-June-03, Thursday, 2017z, 14,540 kHz, Russian Man calling "Pyat voryem tri" x 3, "Noll" x 5. (583 583 583 00000). Signal strength S8, AM signal with both sidebands, unusually for S06. Stopped 2019z.

23-June-03, Monday, 2115z, 12,190 kHz, "Tri voryem cheteria" x 3, "Noll" x 5 (384 384 384 00000), S9 signal with lower sideband well suppressed. Carrier with tone had been noted almost 20 minutes earlier.

28-June-03, Saturday, 1600z, 14,860 kHz - the fourth Saturday in the month, along with the second, brings S06 activity. "Syem dva cheteria" x 3, "Noll" x 5 (724 724 724 00000), S7 signal, lower sideband well suppressed, was also heard on 14-June 1700z, 12,175 kHz, repeat of "724 724 724 00000", very weak signal, S3 at best.

and:-

1700z, 13,940 kHz, another S06 calling "Adean cheteria deviet" x 3, "Noll" x 5 (149 149 149 00000). Signal strength S8, lower sideband suppressed.

12-July-03, Saturday, 1700z, 12,175 kHz, "724 724 724 00000", same as heard in June, strong signal, lower sideband well suppressed.

1800z, 11,060 kHz, S06 calling "Dva null voryem" (208), DK/GC "Tri syem shesht" (376) x 2, "Voryem cheteria" (84) x 2. S8 signal, lower sideband well suppressed.

15-July-03, Tuesday, 1950z, 8,149 kHz, "Dva pyat cheteria" x 3, "Noll" x 5 (254 254 254 00000). Strength S9, lower sideband well suppressed. Carrier with tone noted approx 1940z.

26-July-03, Saturday, 1600z 14,860 kHz, fourth Saturday in the month, "724 724 724 00000", S9 signal with lower sideband well suppressed, repeated 1700z, 12,175 kHz, as heard on 12-July.

1800z, 11,060 kHz, same as when heard on 12-July, "208" and "376 376 84 84". Weak signal, almost lost in noise QRM from nearby TV sets, difficult copy.

29-July-03, Tuesday, 1850z, 10,410 KHz, "Dva pyat cheteria" x 3, "Noll" x 5 (254 254 254 00000).

9-Aug-03, Saturday, 1700z, 13,910 kHz, second Saturday in the month S06, "Shesht tri pyat" x 3, "Noll" x 5 (635 635 635 00000). Signal strength peaking S9 but with deep QSB, lower sideband well suppressed.

1800z, 11,150 kHz, repeat of "635 635 635 00000".

12-Aug-03, Tuesday, 1950z, 8,080 kHz, "Dva pyat cheteria" x 3, "Noll" x 5 (254 254 254 00000) - same transmission also heard on 15-July, see above; signal strength S8 to S9, lower sideband suppressed, carrier with tone noted 1936z.

23-Aug-03, Saturday, 1700z, 13,920 kHz, fourth Saturday in the month S06, calling "Shesht tri pyat" (635), DK/GC "Tri syem shesht" (376) x 2, "Voryem cheteria" (84) x 2. Strong signal, lower sideband well suppressed. Carrier with tone was up at 1646z on 13,910 KHz then moved to 13,920 a few minutes afterwards.

1800z, 11,150 kHz, repeat of "635" and "376 376 84 84". [Tnx PoSW].

#### S10D

PoSW's log for this 'Slavic' station:

Saturday and Thursday 0600z Schedule, 9,385 // 11,416 kHz

28-June-03, Saturday "555 555 555 898 898 898 34", 9,385 kHz flattened by an S9+ BC station on the same frequency.

3-July-03, Thursday, "555 555 555 586 586 586 42" No sign of the BC station on 9,385 kHz this morning!

5-July-03, Saturday, unable to copy anything on 9,385 kHz; the BC station is back, S10d only just detectable. Nothing at all heard on 11,416 at first until 0606z when the Czech YL slowly emerged from the noise.

10-July-03, Thursday, "555 555 555 663 663 663 23", then "663 663 663 04 04 23 23"

11,416 kHz was a strong signal, much to my surprise; - what a contrast with Saturday - 9,385 only just detectable under that S9++ (Religious) broadcast station.

12-July-03, Saturday, same call - up as heard on Thursday, "663 663 663 23". No sign of the BC QRM on 9,385 so S10d clear signal; 11,416 very weak at first, became stronger as transmission progressed.

19-July-03, Saturday, "555 555 555 182 182 182 33", 9,385 KHz signal strength S4, weak but clear, no sign of the Holy Roller broadcaster, 11,416 kHz much stronger, S8 to S9.

24-July-03, Thursday, "555 555 555 031 031 031 32", the BC station is back on 9,385 but S10d heard clearly underneath; 11,416 strength S5.

31-July-03, Saturday, "555 555 555 877 877 877 27", 9,385 kHz with BC QRM, 11,416 very weak signal.

9-Aug-03, Saturday, "555 555 555 184 184 184 25", 9,385 just readable under S9+ BC station, 11,416 peaking S8.

21-Aug-03, Thursday, "555 555 555 919 919 919 25". Both frequencies signal strength S7 and the BC station on 9,385 much weaker than usual.

Saturday and Thursday 2130z Schedule, 7,475 // 9,165 kHz (same message as the 0600z schedule).

28-June-03, Saturday, "555 555 555 898 898 898 34", 7,475 kHz very strong S9+ signal, 9,165 S8 to S9.

3-July-03, Thursday, "555 555 555 586 586 586 62".

10-July-03, Thursday, "555 555 555 663 663 663 23", strong signals on both frequencies.

12-July-03, Saturday, "555 555 555 663 663 663 23", as on Thursday, very strong signals on both frequencies.

17-July-03, Thursday, "555 555 555 182 182 182 33", 7,475 strong signal, S8 to S9, 9,165 much weaker, only just readable, what a contrast!

26-July-03, Saturday, "555 555 555 031 031 031 32", again 7,475 kHz strong signal, 9,165 very weak, could only just be detected.

9-Aug-03, Saturday, "555 555 555 184 184 184 25", 7,475 kHz very strong signal, S9+, splatter QRM from a BC station on a lower frequency, 9,165 signal strength S5.

Saturday 1520z Schedule, 7,745 // 9,165 kHz

28-June-03, "555 555 555 197 197 197 37", 7,745 kHz strength S9, 9,165 slightly weaker.

5-July-03, "555 555 555 388 388 388 25". Signals on both frequencies weaker than usual, 7,745 kHz S5, 9,165 S7.

19-July-03, "555 555 555 624 624 624 27", 7,745 kHz very weak, only just readable, 9,165 much stronger, S9.

26-July-03, "555 555 555 273 273 273 21", 7,745 kHz S9, 9,165 S7.

2-Aug-03, "555 555 555 133 133 133 40", 7,745 kHz very weak signal, 9,165 kHz much stronger, S7.

16-Aug-03, "555 555 555 472 472 472 17", 7,745 strength S7, 9,165 S9 to S9+.

Monday and Tuesday 0540z Schedule, 9,369 kHz, 2 message variant

1-July-03, Tuesday "555 555 555 412 412 412 18 277 277 277 42". Heterodyne beat note from a broadcast station on 9,370 kHz.

7-July-03, Monday, "555 555 555 183 183 183 37 378 378 378 25", with severe QRM from the BC station.

8-July-03, Tuesday, "183 37" and "378 25", as yesterday. Difficult copy due to BC QRM.

14-July-03, Monday, "555 555 555 262 262 262 17 279 279 279 40", severe BC QRM.

29-July-03, Tuesday, "555 555 555 211 211 211 28 374 374 374 27", severe BC QRM.

5-Aug-03, Tuesday, "555 555 555 880 880 880 21 231 231 231 31", usual severe BC QRM.

19-Aug-03, Tuesday, "555 555 555 879 879 879 21 021 021 021 40", very strong signal for a change, completely over-riding the BC station on 9,370 KHz which was a very weak signal.

Monday and Tuesday 1740z Schedule, 8,190 // 13,502 kHz (same message as the 0540z schedule)

30-June-03, Monday, "555 555 555 412 412 412 18 277 277 277 42", 8,190 KHz S9+ signal - there had been an M10 CW on this frequency which ended approx. 5 minutes before S10d started - 13,502 KHz S6 to S7.

1-July-03, Tuesday, "412 18" and "277 42", as yesterday.

7-July-03, Monday, "555 555 555 183 183 183 37 378 378 378 25".

8-July-03, Tuesday, "183 37" and "378 25" again.

15-July-03, Tuesday, "555 555 555 262 262 262 17 279 279 279 40", 8,190 KHz strong signal, 13,502 much weaker.

21-July-03, Monday, "555 555 555 689 689 689 42 219 219 219 35".

28-July-03, Monday, "555 555 555 211 211 211 28 374 374 374 27". 8,190 KHz strong signal, S9, 13,502 much weaker, S4 at best.

29-July-03, Tuesday, "211 28" and "374 27", as yesterday. 8,190 strong signal, 13,502 very weak, only just detectable.

4-Aug-03, Monday, "555 555 555 880 880 880 21 231 231 231 31", 8,190 strong signal... 13,502 gets ever weaker.

5-Aug-03, Tuesday, "880 21" and "231 31", as yesterday.

12-Aug-03, Tuesday, "555 555 555 148 148 148 26 879 879 879 21", signal heard on 8,190 KHz only. nothing on usual // 13,502 which has gradually been becoming weaker and weaker over the past few weeks and now seems to have sunk into the noise completely.

19-Aug-03, Tuesday, "555 555 555 879 879 879 21 021 021 021 40", 8,190 KHz strength S9, 13,502 recovered somewhat, S5.

Sunday - also later found on Tuesday - 2050z 8,175 kHz Schedule

6-July-03, Sunday, transmission in progress at 2059z, ended a few seconds later with "Pozor pozor, 28 28 22 22 konets konets".

13-July-03, Sunday, "555 555 555 307 307 307 26", strong signal, S9+, no // found.

20-July-03, Sunday, "555 555 555 173 173 173 25", strong signal.

27-July-03, Sunday, "555 555 555 182 182 182 18".

3-Aug-03, Sunday, "555 555 555 377 377 377 19", very strong signal.

5-Aug-03, Tuesday, - hadn't realised until today that this schedule also runs on a Tuesday; "555 555 555 140 140 140 41".

17-Aug-03, Sunday, "555 555 555 273 273 273 20".

19-Aug-03, Tuesday, "555 555 555 834 834 834 22"

H-FD's logs:

8175kHz 0450z 17/07 [555:624-17/27=16614] hfd  
0720z 17/07 [555:182-83/33=40328] hfd  
8190kHz 1740z 21/07 [555:689-37/42=63420, 219-56/35=65310] //13502 hfd  
1740z 22/07 [555:689-37/42=63420, 219-nn/35=nnnnn] //13502 hfd  
1740z 29/07 [555:211-58/28=25080, 374-92/27=24121] hfd  
  
7745kHz 1520z 16/08 [555 472-96/17=546] //9166kHz  
2130z 16/08 [555 776-08/28=800] //9166kHz

S10E

Nil Reports

S11A

The UNID that PoSW had heard [Page 5 'Selected Voice Stations' NL17]:

5358kHz 2104z 21/05  
has been identified as S11A by AF, [Tnx] who informed us of the null message 176 x3 00000.

4783kHz 0500z 21/08 [972/00, started with cw "742/tt"] AF  
5358kHz 2100z 16/07 [null msg 971] AF, Gert and RNGB  
2100z 06/08 [971/00] HFD  
2100z 20/08 [971/00] AF

S17C

**It's all change from 1<sup>st</sup> September. DoK paged to say 'now on 8190kHz // 5301kHz'** Tnx Slavic Desk

The teleprinter that occludes S17C has been active since the change of frequency on 01/05. DoK has, like others, had problems with hearing the five figure sequence as well as the rest of the sending, except where there were breaks in the to transmission or the tp was sufficiently weak.

6758kHz remains the active frequency for now, the S17C transmission still occurs at 1250 to 1257z.

DoK rang in to report a different number on 17/07 it was 00040, also heard by hfd. [A previous offering that was of this ilk was sent 27/06 when it was 00037]. However, that on 18/07 was 67032, a totally different number! 23/07: 69045

Groups reported by AF, DoK and HFD were:

01/07 69038, 05/07 72044, 06/07 67032, 08/07 58032 [?], 13/07 67028, 14/07 67041, 15/07 75042, 16/07 58038,  
17/07 00040, 18/07 67032, 19/07 77058, 20/07 94032, 21/07 90079, 22/07 69038, 23/07 69045, 25/07 67000, 26/07 69036,  
27/07 69036, 28/07 76053, 29/07 70038, 30/07 69038.

From AF, DoK and HFD for August:

01/08 00031, 02/08 56035, 03/08 67038, 04/08 98034, 05/08 39058, 09/08 68038, 10/08 69048, 11/08 67032 12/08 91034,  
15/08 69035, 16/08 69039, 17/08 00079, 19/08 65041, 20/08 78039, 22/08 70038, 23/08 62032, 24/08 70038, 26/08 84033,  
27/08 96036, 28/08 68037, 29/08 84042, 30/08 75036, 31/08 69040.

S21

AF sent in his July log:

4793kHz 1742z 03/07 [973 830 38 BT 32621] same message as June 2003.  
1742z 08/07 [...338 32 000] new message  
1742z 10/07  
1742z 17/07  
1742z 22/07 [973 338 32 BT 33012]  
1742z 29/07 [973 338 32 BT 33012]  
1742z 31/07 [973 338 32 BT 33012]  
5373kHz 1742z 01/07 [973 830 38 BT 32621] same message as June 2003.  
1742z 08/07 [...338 32 000] new message  
1742z 15/07 [973 338 32 BT 33012]  
1742z 17/07 [973 338 32 BT 33012]  
1742z 22/07 [973 338 32 BT 33012]

For July RNGB offered 4973//5373kHz 1742z 31/07 and remarks '973 with message, bad modulation].

August reports from AF and also heard by RN:

4973kHz 1742z 05/08 [973 338 32 BT 33012 msg 7/2003]  
1742z 05/08 [973 338 32 BT 33012]  
1742z 12/08 [973 729 34 BT 28157]  
1742z 14/08 [973 729 34 BT 28157]  
1745z 19/08 [793(!) 729 34 BT 28157 different (life?) voice for 739]  
1742z 26/08 [973 729 34 BT 28157]  
1742z 28/08 [973 729 34 BT 28157]  
  
5373kHz 1745z 19/08 [793(!) 729 34 BT 28157 different (life?) voice for 739]  
1742z 26/08 [973 729 34 BT 28157]  
1743z 28/08 [973 729 34 BT 28157]



## V02

Dave Mosier, Tucson, AZ posted this via 'Spooks' and made the comment that he has not heard this format in years! Distinct pauses every 10th group.

6837kHz 0733z 27/07 [A 132-74. rpt of 0703z]

PoSW also found a V02 station:

27-July-03, Sunday, 0704z 8,132 KHz, Senorita from Cuba starting up with "Atencion, uno tres dos (pause) siete cuatro" (132 74), repeated many times and into 5Fs after 0706z. When checked again at 0717z had gone leaving carrier only, which went QRT shortly afterwards. [Also reported by Dave Mosier, Tucson, AZ].

## V02A

3292kHz	0402z	29/07	wk sigs
	0200z	05/08	
4017kHz	0300z	29/07	
	0300z	05/08	
4028kHz	0324z	12/07	BM US
	0500z	25/07	[A 0xx21 82711 x6x01] Badly distorted DM US
	0100z	08/08	C Acuff
	0300z	09/08	USB (in progress. M8a blocking out. YL/SS)
4329kHz	0400z	16/07	AM
4479kHz	0415z	04/07	In progress S5 PLondon
	0410z	11/07	In progress Gd sigs PLondon
	0300z	16/07	LSB
	0400z	18/07	Gd sigs, sl fade. PLondon
	0307z	30/07	
	0400z	01/08	S2/3 PLondon
4507kHz	1100z	30/08	
5417kHz	0200z	04/07	USB
	0208z	22/08	[AM In prog]
5762kHz	0200z	05/07	AM
	0400z	12/07	[AM A 48713 85493 ???1; extremely poor audio ]BM US
	0426z	09/08	[USB (in progress) ----- 95362 (YL/SS)]
	0400z	30/08	[52623 5034. 30992 (YL/SS)]
5883kHz	0500z	09/08	[USB (in progress) ----- (YL/SS)]
	0500z	30/08	[52623 50347 30992 (YL/SS) (rpt of 0400z on 5762m)]
6768kHz	0412z	07/07	LSB in prog, S5 PLondon
	0400z	14/07	Good sigs, better in LSB Ended 0426z PLondon
6855kHz	0300z	14/07	Gert //10466kHz
8010kHz	0602z	18/07	
	0617z	01/08	weak sigs
	0608z	11/07	
	0630z	25/07	RNGB
	0617z	29/08	
8097kHz	0600z	10/07	Gert & RNGB
	0530z	07/08	RNGB
	0543z	21/08	BM
	0600z	21/08	[A 05103 13213 87881] BM
	0600z	30/08	[AM ID ----- 89501 85372 (YL/SS)]
8136kHz	0900z	06/07	USB (in progress - missed callups)
9063kHz	0700z	09/07	RNGB
	0700z	18/07	[AM A 03692 11031 80543]
	0702z	01/08	
	0700z	13/08	RNGB
9153kHz	0700z	19/07	[AM A03693 53541 9345]
	0731z	05/07	E
	0700z	24/07	
	1300z	08/08	
	0700z	14/08	in prog RNGB
	0700z	30/08	[AM ID ----- 85372 (YL/SS) (rpt of 0600z on 8097m)]
9322kHz	0400z	07/08	
9323kHz	0400z	10/07	[ID 81772 13042 28.11] MS
	0400z	21/08	Good sigs PLondon
10446kHz	0300z	14/07	Gert //6855kHz
	0300z	16/07	LSB
11566kHz	0300z	11/07	[AM A 03891 01701 37441]BM US
	0300z	18/07	[AM distorted signal]
	0320z	22/08	
12165kHz	0200z	07/07	AM
	0203z	21/07	
12215kHz	0200z	04/07	USB
	0200z	29/07	[A 91371 06492 27632]
	0200z	08/08	
	0212z	22/08	

PoSW also sent a log for VO2A, one interesting entry being:

17-July-03, Thursday, 0539z, 8,097 kHz, transmission in progress, weak signal with an unusual variety of QRM from a station slightly LF, i.e. an OM voice in the French language calling out days of the week from Dimanche through to Samedi!

#### V07

Gert informs us that V07 is also using last years freqs:

	0600z	0620z	0640z
jan	10879	12179	13479
feb	13366	4866	16266
mar	14387	16087	17487
apr	14387	16087	17487
may	14621	16321	17521
june	14621	16321	17521
july	13837	14937	16637
aug	13837	14937	16337
sept	13381	14781	16281
oct	13521	15821	16421
nov	12152	13552	14952
dec	?	?	?

From Gert,HFD,MPetrakis & Pat Privat:

13837kHz 0600z 10/07 [null msg 893] also RNGB on 10/08  
0600z 15/07 [null msg 893]  
0600z 05/08 [893 265 46 78345] RNGB  
0600z 12/08 [null msg 893]  
0600z 21/08 [weak sigs]  
14937kHz 0620z 08/07 [null msg 893] also by hfd also RNGB on 10/08  
0620z 17/07 [null msg 893]  
0620z 24/07 [null msg 893]  
0620z 05/08 [893 265 46 78345] RNGB  
0620z 12/08 [null msg 893]  
0620z 28/08 [893:0] HFD  
16337kHz 0640z 05/08 [893 265 46 78345] RNGB

hfd offered:

13840kHz 0600z 08/07 [893:0]  
0600z 22/07 [893:0]

AnonUK found the August freqs and a message

0600z 13838kHz  
0620z 14938kHz  
0640z 16338kHz

The message: Call 893 235 46 235 46.

[TxAnonUK]

#### POLYTONES

On 10<sup>th</sup> June 2003 the 2010, 2030 and 2050z transmissions started at ten minutes earlier [2000, 2020 and 2040z]. This means that on a Tuesday night there are two XP transmissions to monitor and although this poses no problem to the E2k monitors there is a need to recognise the two stations. We shall refer to the original 2000z et al sendings as schedule 1, the other, previous 2010z sending, as schedule 2.

Schedule 1 signals are generally, but not always, stronger than Schedule2. The frequencies used in Schedule2 appear to be one megahertz higher than those of Schedule 1. Finally, Schedule 2 has a tally mark on every 50<sup>th</sup> group, the 303Hz tone for that group being correspondingly longer.

Now onto the logs:

XP June 03 morning sendings, courtesy JoA, PLondon:

0600z 11157kHz 03/06 06/06 10/06 13/06 17/06 20/06 24/06 27/06  
0620z 12458kHz 03/06 06/06 10/06 13/06 17/06 20/06 24/06 27/06  
0640z 13857kHz 03/06 06/06 10/06 13/06 17/06 20/06 24/06 27/06  
ID148

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

2000z 14597kHz 03/06 05/06 10/06 12/06 17/06 19/06 24/06 26/06  
2020z 13417kHz 03/06 05/06 10/06 12/06 17/06 19/06 24/06 26/06  
2040z 11532kHz 03/06 05/06 10/06 NRH 17/06 19/06 NRH NRH  
ID545

2010z 16174kHz 03/06 06/06 NRH 13/06 17/06 20/06 24/06 27/06  
2030z 14878kHz 03/06 06/06 NRH 13/06 17/06 20/06 24/06 27/06  
2050z 13445kHz 03/06 06/06 10/06 13/06 17/06 20/06 24/06 27/06  
ID184

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

2120z 18459kHz 03/06 missed 10/06 13/06 17/06 19/06 20/06 24/06 26/06  
2140z 17439kHz 03/06 missed 10/06 13/06 NRH 19/06 NRH 24/06 26/06  
2200z 15659kHz NRH missed 10/06 13/06 NRH 19/06 NRH 24/06 26/06



XP July 03 Late sendings from JoA, PLondon, PoSW, Chris Acuff[US]

2120z 18192kHz 01/07 03/07 08/07 10/07 15/07 22/07 24/07 29/07 31/07  
2140z 16292kHz 01/07 03/07 08/07 10/07 15/07 22/07 24/07 29/07 31/07  
2200z 14892kHz 01/07 03/07 08/07 10/07 15/07 22/07 24/07 29/07 31/07  
ID128

Strong late night signals in opposition to last month's offerings on 01/07 00967/00189 repeated 03/07. 08/07 produced reasonable signals 00423/00171. Excellent signals again 10/07 produced a repeat of 08/07 171 group message. Very poor signals on 15/07, 08141/00231 repeated on 17/07 with equally poor sigs.

Chris Acuff [US] sent in his report for 22/07; it reads "XP at 21:20, Poor/fair signal, fading from S0 - S4 on the S-meter, off at 21:25 15, XP on 16292 at 21:40, Fair/strong signal, fading from S3 - S5 on the S-meter, Off at 21:45 12, XP on 14892 at 22:00, Fair/strong signal, fading from S4 - S6, off at 22:05 12." PLondon heard it S9+10dBs for the first two sendings. 00930/00219, repeated 24/07. [Heard by Chris Acuff in US]. Weaker sigs 29/07 message 00234/00197 sent, The message of 29/07 was repeated 31/07 but the signals were so poor it was almost impossible to process them. The initial 2120z sending was the worst, the best being the 2200z offering.

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

Excellent signals kicked off the August 03 morning schedule. A two message format was sent, 02166/00045 and 00214/00231. Good signals throughout with JoA and PLondon. Having been made aware of the tally mark previously by RN GB, PLondon noticed the long 303Hz tone prior to the '00000 00000' separator. As can be seen here:

'97190 55720 \_00000 00000 00124 00231 05131'

The two underlined groups are the dk/gc for the next message, whilst the opening two groups are the 44<sup>th</sup> and 45<sup>th</sup> groups of the first forty-five group message. The tally mark can be seen before the first separating group of zeroes.

Excellent sigs again on 05/08, this time in PLondon's S London shack prior to a visit to the British Museum's brickyard under glass! 02578/00299 was the dk/gc, also weakly heard in US by BM [reported via 'Spooks']. 08/08 Null messages started badly with fading in the first sending. The 0620z transmission was a stable S9 with PLondon. The 11/08 transmission reflected the same problems noticed on 08/08 - 00456/00239 - also heard by MPetrakis, good sigs. 15/08 produced excellent signals into Plondons work QTH: 00672/00281 JoA also monitored the 0600z sending and noted that there was a 1 sec break in the sending 56 secs after the start. PLondon had also noted the gap but understood it to be from local QRM.

19/08 produced 00673/00197, the third sending was of poor strength. NOTE: the dk 00673, previous 15/08 was 0672 with just 10 more groups sent. 22/08 00673/00197, 26/08 00674/00183 and 29/08 08545/00189, again excellent strength.

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

Same freqs as last year, strong sigs 04623/00127 for the kick-off in August repeated 07/08, 12/08 were all good sigs 00678/00251, this message being repeated on 14/08. Strong sigs again on 19/08: 00449/00173. 21/08 started with a poor signal, just audible with PLondon but NRH with JoA, 2020z was NRG with PLondon - the third sending at 2040z was a stronger signal - 00449/00173, a repeat of the previous transmission. 28/08 produced good signals at JoA and Plondon's shacks - 00954/00083.

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

The first message for August 03 was 00256/00119, the first sending suffered from QRM from a nearby fax tx. For the 2020z JoA noted 'QRM-digital. re-tuned to 13849.3kHz to cut out QRM.' On 05/08 the first transmission was inaudible even with a bandpass filter. The remaining sendings were variable with last being the best in PLondon's shack - 00256/00119. The 08/08 sendings produced 00476/00185 - PLondon omitted to put sig strength details in his logs [252 and immediate loss of days pay] as he made an unusual foray onto 2M to enjoy reminiscing about his time in Guyana and Aden at the same time he tackled XP[2].

Poor sigs on 12/08 09922/00149. The underlined date of 14/08 indicates a Thursday sending, instead of Friday. Thanks to JoA's vigilance we learnt of this sending which lasted around 4 mins and is possibly a repeat of the 12/08 sending - the duration being similar, also reported by Jochen in Marburg. Friday 15/08 was a Null Msg.

The sendings on 19/08 were of very poor strength, 00963/00035 - birthday greetings? The 2040z 19/08 was very weak and noisy in PLondon's shack. An unexpected sending again on 21/08 and intercepted by JoA. Unfortunately no dk/gc bit its length matched that of the 35 group message sent on 19/08.

The 22/08 sending was another short message, 00843/00041. The expected 26/08 sendings were not heard. Problem with propagation or schedule change? On 28/08 Schedule 2 signals were heard at around S5 in PLondon's shack and produced a two message format: 00524/00053 and 00941/00151. Was this just a 2 msg format or the missing message from 26/08 Null Msg for final sending of August 2003 confirmed by AnonUK.

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

PLondon originally posted a request for freqs and had those above sent to him by h-fd. Listening on the night of 07/08 PLondon heard nothing. On 12/08 RN GB mailed e2k to say that he had proved the freqs which had carried a message; 00534/00207. [Tnx HFD and RN GB]. PLondon heard the repeat of the 12/08 message on 14/08 noticing that the first sending was of poor strength.

All the 19/08 sendings were poor. PLondon struggled to pick from the tones: 00681/00141. The last sending, at 2200z, was particularly poor and virtually inaudible. RN GB managed to transcribe the entire message, which he sent to E2k and which confirmed PLondon's analysis of the dk/gc. The 19/08 sendings were also heard by Chris Acuff, US who wrote, "16309 XP 21:20z Good to hear XP again, caught this one while doing homework, fairly strong/mostly readable, message. 14909 XP 21:40z Fair/Strong/Mostly readable, message. 13509 XP 22:00z very weak/barely heard/almost unreadable, lost in static at around 22:02z. Good stuff Chris, Thanks! Note that Chris states the sigs as strong, is the US the target area for this sending? 2120/2140 and 2200z are a more reasonable time with 5 hours removed from the zulu time to correct for time difference. It places the sendings, locally, in late afternoon. 21/03 sendings started badly with the first sending being inaudible the other two sendings also low signal strengths, typically S" with both PLondon and JoA: 00681/00141.

26/08 were extremely weak with PLondon, he heard only the odd snippet of the sendings and was unable to distinguish between a null or full message. Stronger signals were heard on 28/08, albeit a null message.

#### XPH

The Tuesday and Saturday high pitched polytone XPH was heard in July, 1830z 16,354 kHz and 1850z, 14,873 kHz always with the "No message" type of transmission usually with fairly weak signals. In August the frequencies are 15,629 kHz - maybe plus or minus several kHz - it is in the 19 metre BC band and so badly flattened by a broadcast station that it is difficult to tune in XPH well enough to read the frequency. The second sending is on 14,352 kHz which is clear enough. Again, only "No message" transmissions heard. By the way, since XPH comes up on the frequencies as used in the same month as last year, 1830z 13,368 kHz and 1850z 11,634 kHz might be worth checking in September. [Tnx PoSW]. PLondon adds the third freq: 1910z 10143kHz [from his interception of a two format message on 14/09/02 dk/gc 02367/00043 and 06148/00062].

#### June's evening XPH:

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

#### July's evening XPH freqs from PoSW, obs AF JoA, PLondon RN GB:

1830z 16354kHz 01/07 05/07 08/07 NRH NRH 19/03 22/07 - 29/07  
1850z 14874kHz 01/07 05/07 08/07 NRH 15/07 19/03 22/07 26/07 29/07  
1910z 13367kHz NRH NRH NRH NRH NRH NRH NRH NRH  
ID383

Good signals, still NRH on 01/07; the warm up was interrupted by a short drop of carrier at 1851:30, its raising heralded by two tones at 1954z. The expected signals of 12/07 were not heard by PLondon and could have been due to poor propagation. However on 15/07 DoK also listened for the 1830z transmission and heard nothing. The second transmission appeared with S5 sig strength for the null message. 19/03 first sending at 1830z was very poor, onlt the odd tone appearing on the spectro display whilst just as poor audibly. The 1850z sending weighed in at S2 in South London.

As the previous 1830z sendings had been poor Jochen Schäfer was requested to listen for this sending on 22/07. Jochen reported from Germany: "XPH was there on 16354 kHz at 18.30, ID: 383, and so a null-msg. The signal strength here was at least 5." [Tnx Jochen]. The signal strength report also matches that from PLondon/RNGB: 22/07 sendings were S5 and S2 respectively with PLondon and RN GB also heard XPH. 1830z sending missed on 26/07, PLondon was recollecting on buying a new bathroom suite but snapped out of his misery to catch the 1850z null message, noting the very noisy background that occluded the like poor signals. Reasonably strong signals heralded the last null message of July 2003.

#### August's evening XPH freqs:

1830z 15632kHz 05/08 09/08 12/08 16/08 19/08 23/08 26/08 30/08  
1850z 14350kHz 05/08 09/08 12/08 16/08 19/08 23/08 26/08 30/08  
1910z 12223kHz NRH NRH NRH NRH NRH NRH NRH NRH  
ID632

The sending of August's first message on 02/08 remained unreported because JoA was unable due to previous arrangements and PLondon was dragged out to watch Terminator 3 [A right load of rubbish, he commented later]!

The selection of the first freq was not a good one - BC station occludes the polytones although display on spectro was possible on 05/08. The 1850z sending strength in S London was S7 to 30dBs. As usual for this station a null message.

The null message was sent 09/08; the first sending was virtually inaudible, the 1850z was better, audible and visible on spectro. Chris Smolinski [Spooks] sent a message to say that he too heard the 1850z offering at S2, in PLondon's it was S3. So if it isn't meant for GB or US where is it meant for? Did anyone receive this station at a better strength?

Better strengths on 12/08 but still null message. The recipients are either not very important, not working or using the phone for their instruction! Of course it could be a 'reserve line' undergoing a weekly scheduled test.

The fact that there is rarely a message could be a statement that all is well, a message may outline a problem, whilst no message may mean something bad has happened - after all you can't interfere with silence!

16/08 was heard by AnonUK who mentioned that the first sending was weak whilst the second, at the end of the 20M ham band, was reasonably strong. PLondon, subject to a four hour journey from Bletchley Park phoned ahead to another member requesting that he listen for the 1850z sending. Unfortunately that member [you know who you are] dozed off whilst on watch and missed the sending. Luckily AnonUK has saved the day!

19/08: a null message again, first sending 1830z 15626kHz not apparent apart from a few tones, 1850z a better sending, Strangely the 1830z signal came up at good strength at 1819z with a series of short tones until 1821z.

23/08 produced reasonable signals, again a null message. S5 sigs for both sendings for 26/08. Good strong sigs for the last sending on 30/08. Possible Sept freqs: 1830z 13,368 kHz, 1850z 11,634 kHz and 1910z 10143kHz [PoSW and PLondon]

Polytones also reported by HFD.

#### XPL

The last observations by AF were :  
5460kHz 2000-2008z Wed 26/03

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

XPM

Last monitored by AnonUK on:  
 15604kHz 1220z      15/03

Before we move onto Gert's prediction lists that is most helpful a short piece to right the wrongs and to remove to misinformation posted via group:

Polytone Transmissions - a misunderstanding answered.

On Saturday 23rd August Mhev posted Msg 1619 "Polytone - with some protocol modifications is ideal for contacting agents.."

Although I don't dismiss the need for the traditional automated announcer at a numbers station -- polytone, with a few minor protocol (but not waveform) modifications -- is more than ideal for contacting agents.

Polytone can work with NON-LINEAR transmitters, so any 40 year old junk transmitter will do. Polytone does have a very high EIRP, versus voice -- for long path propagation. [Long path :: Cypress --> Urals, Vadivostok --> Wellington]

I don't know about ABSOLUTE bandwidth efficiency, but I would assume it is 1000x more efficient in terms of speed. Great if you want to send very detailed and long instructions, rotten for routine messages...

Cons:

Your agent needs a decoder with a printer, but software decoders are free on the web for Win95 systems.

-- This may tie your agent to computer, albeit they are already tied to a tape recorder.

-- Your transmission department may choose to transmit in SSB, a bad idea in my view.

-- Very awkward [at customs anyway] in the developing world to use polytone, as polytone also used by 2nd and 3rd world security services.

-- Polytone is not for messages sent on a day to day interval; only monthly detailed instructions [beyond 2000 bytes] make the effort worthwhile.

Sending more encoded data does not guarantee the security of your encryption system, the more the decoder folks can intercept the happier they are.

It is not generally thought that XP polytone transmissions are for contacting agents directly and are more likely aimed at diplomatic agencies worldwide for dissemination to agents.

From work carried out by ENIGMA 2000 it is apparent that these signals are best received with a vertically polarised antenna. The actual signals are received in AM mode, being composed of a series of tones sent in MCW.

In the initial stage of a polytone transmission its ID is sent. This ID, constructed of the 100kHz figure of the three frequencies used in that particular schedule, sent three times is then followed by a figure, 0, 1 or 2. This figure denotes the number of messages that will follow. The tones used have been accurately measured and their values used in a decoder program, Xperta, written by Valeriano Martin.

As a series of tones the method of sending needs to be clear of distortion and are no doubt sent by a transmitter with a Class C output. Class C amplification is non-linear and free from distortion. [On the other hand a Class A stage is linear and distortion would be present]. Quite why 'any 40year old transmitter will do' remains a mystery. Given that the originators of the Polytone messages are a serious concern one can assume that the equipment used is of a good commercial standard, maintained and regularly updated. Communications equipment used by diplomatic services [such as that removed from the East German Embassy in London] are surprisingly complex and well maintained - not for them the units sold to Amateur enthusiasts worldwide. [Mind you the Guyanese Air Service used an old modified FT747 txrx for international comms in 1990].

Mhev then mentions a high Effective Isotropic Radiated Power [EIRP] against voice in direct statement for long path propagation, presenting a Cyprus to Wellington circuit via the Urals and Vadivostock [where?]. Why? EIRP has nothing to do with long path propagation. The main difference between this and ERP is the fact that an Isotropic radiator is used, more to the point it is more than feasible that the sending antenna is aimed at the target area. In both cases any figure stated accounts for the power available at the radiator [usually a dipole] having taken all other previous losses into consideration.

Perhaps by stating high he expects that a high power output is required for long path propagation - absolute nonsense again. Accurate frequency selection against propagational factors is an exact skill. Used correctly power output is not a total requirement for the directional propagation along any path and both DoK and PLondon will relate the facts of an interception where the transmitting station, in mid-Pacific, used only 4 Watts, for their International communications. No high power there: just a good understanding of propagation theory.

Then Mhev writes about absolute bandwidth efficiency -- what's this one about? In the intro for XP each pulse lasts 1030ms and the nine sendings of the intro takes a smidgen over 2 mins to send. To speak the intro intelligibly takes just over one and a half minutes, more time efficient than the pulsed offering. When the actual message is sent that is where the true nature of the polytone can be seen. Each group consists of five characters and a space, for that group to be sent takes just 1030ms, the same time as the ID at the intro [perhaps allowing the recipient to make synch adjustments to his decoding equipment]. The bandwidth used for sending XP is just 215Hz; that for voice at least 2700Hz. XP is more resilient to fading and noise.

According to Mhev polytones are "Great if you want to send very detailed and long instructions, rotten for routine messages."

Why? Mhev clearly does not understand what he is talking about as he later states, "Polytone is not for messages sent on a day to day interval; only monthly detailed instructions [beyond 2000 bytes] to make the effort worthwhile."

Clearly Mhev has never attempted analysis of Polytone transmissions. To refute his above claims May 2003 sendings for 0600z morning schedule are as follows:

<u>Date</u>	<u>Messages</u>	<u>Decode Key/Group Count</u>
02/05	2	00496/00079 & 00548/00157
06/05	1	00718/00221
09/05	2	01661/00075 & 00718/00221
13/05	1	00264/00234
16/05	1	07285/00213
20/05	1	00355/00167
23/05	repeat 20/05	00355/00167
27/05	1	03421/00111

Here ten different messages have been sent over the period of one month [this number varies with different schedule requirements]. Out of those two messages are of short length, the others of differing length. In July 35 and 41 group messages have been seen to be sent. On what evidence does Mhev base his assertion on polytone suitability of various message lengths and types?

Assuming that XP is [and it could be as MG states in the last Attention123 column is SWM] utilised by the agent in the field as Mhev suggests: Surely any agent downloading the Win95 suitable software from the Internet would compromise himself by allowing his IP address to be associated with the downloading of such programs. Would he download? Probably not! Given that Ana Belen Montes used bespoke software supplied by Cuban Diplomats suggests that Mhev's mythical agent may well do a similar thing. Another belter from Mhev suggests that SSB transmission could feasibly be used to transmit XP is an utter nonsense too! In its current MCW format carrier insertion is not an option. If modified to be sent with a suppressed sideband and carrier the reception would cause problems if the carrier were inserted wrongly [in much the same way as seen with teletype].

We also learnt that Mhev's agent would be tied to a tape recorder - why? Surely he would use the facility of a modern PC to convert to a .wav or .mp3 file?

Importing this equipment via the Customs service of another country would also cause problems according to Mhev. Surely anything pointing to espionage would be taken in via the diplomatic pouches of the interested country. Surely no country would compromise its agents by expecting them to smuggle equipment into the target's country?

Interestingly Mhev then stated that Polytones is also used by 2nd and 3rd world Security Services. When asked by a member to disclose who these services are he replied he \*believed\* it is still popular in some parts of Africa and stated that its use in Eurasia was not clear to him. His statement can be seen here in Msg 1637 sent 25/08:

Polytone I believe is still popular (with the security services) in some parts of Africa. Its use in Eurasia is not clear to me at this point.

Polytone is not as finniky as RTTY, and works best with [in my view] good old fashioned AM transmitters.

Cons:

There are no advanced modes, ie: beyond 256 tones. As a transmission mode, it has not really been modernized much for at least a decade [Clover is not polytone, by purest definition].

Notice the statement concerning teletype and polytones, already covered when discussing SSB transmission in place of the current MCW method.

What is this mention of 'no advanced modes beyond 256 tones'? He also states that Polytones have not been modernised for at least a decade, stating that Clover 'is not polytone by purest definition'.

Well, Mhev, Clover is an entirely different system indeed. It sounds nothing like a polytone, its spectral signature is nothing like that of any of the polytones and the number of tones is either 4 or 8, depending on the type of Clover used.

In closing, every claim or statement made in Msg's 1619 and 1637 posted by Mhev has been disproved, wrong assumption is one thing but the posting of uninformed [?] disinformation is another..

If Mhev wishes to post a sensible reply direct to E2k it will be considered for inclusion in NL19.

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#### NUMBER PREDICTIONS

Gert's excellent Prediction Chart for September, 2003:

Date	Day	Time (utc)	TX	Name	Freq (kHz)
1	mon	11.55	E23	Voice of E05	8188
1	mon	12.00 / 12.10	S06	Russian man 00000	10230 / 12165
1	mon	19.00	G06	German lady 00000	8170 rpt on tue if msg on mon
1	mon	20.00	G06	German lady 00000	6835 rpt on tue if msg on mon
1	mon	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
2	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
2	tue	08.30	E11	Oblique	8544 or 6814
2	tue	10.30	E11	Oblique	7840 or 9610
2	tue	12.30	E11	Oblique	7439 or 9448
2	tue	13.00	E11	Oblique	9950 or 8088
2	tue	17.42	S21	Russian lady	4973 5373
2	tue	18.00	S06	Russian man 00000	5745 or search
2	tue	18.50 / 19.00	S06	Russian man 00000	10220 / 7608
2	tue	21.00	E06	English man 00000	search, aug freq 9240
3	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
3	wed	07.00 / 07.10	S06	Russian man 00000	14580 / 16020
3	wed	11.55	E23	Voice of E05	8188
3	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13830 12180 110??
3	wed	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
3	wed	21.00	S11a	Cherta	5358 or search
3	wed	21.00 / 22.00	E06	English man 00000	search, aug freqs ??? / 8160
4	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
4	thu	08.00	E11	Oblique	10125 or 10050
4	thu	11.55	E23	Voice of E05	8188
4	thu	13.00	E11	Oblique	9950 or 8088
4	thu	17.42	S21	Russian lady	4973 5373
4	thu	20.00	G04	Three note oddity	search, inactive?

4	thu	20.30	G04	Three note oddity	search, inactive?
4	thu	21.10 / 30 / 50	E07	English man 000 000	search, aug freqs 12226 11137 ???
4	thu	22.00	G22	Edna Sednitzer German	Try 6683 or search 4 - 8 MHz
5	fri	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
5	fri	06.00 / 06.10	S06	Russian man 00000	7845 / 9124
5	fri	08.00	E11	Oblique	11116 or 11260
5	fri	10.30	E11	Oblique	7840 or 9610
5	fri	12.30	E11	Oblique	7439 or 9448
5	fri	19.30	G06	German lady 00000	5933 or 5442 or 4792 14 day cycle
6	sat	12.20 / 13.20	E06	English man 00000	search, aug freqs 15815 / 17430
6	sat	12.30 / 13.30	E06	English man 00000	search
6	sat	14.00 / 15.00	E06	English man 00000	search
6	sat	20.20	G06	German lady 00000	search, poss sked
7	sun	12.30 / 13.30	E06	English man 00000	search
7	sun	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13830 12180 110??
7	sun	20.20	G06	German lady 00000	search, aug freq 11435, july freq 13380
8	mon	12.00 / 12.10	S06	Russian man 00000	10230 / 12165
8	mon	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
9	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
9	tue	08.30	E11	Oblique	8544 or 6814
9	tue	10.30	E11	Oblique	7840 or 9610
9	tue	12.30	E11	Oblique	7439 or 9448
9	tue	13.00	E11	Oblique	9950 or 8088
9	tue	17.42	S21	Russian lady	4973 5373
9	tue	18.00	S06	Russian man 00000	5745 or search
9	tue	18.50 / 19.00	S06	Russian man 00000	10220 / 7608
9	tue	21.00	E06	English man 00000	search, aug freq 9240
10	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
10	wed	07.00 / 07.10	S06	Russian man 00000	14580 / 16020
Date	Day	Time (utc)	TX	Name	Freq (kHz)
10	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13830 12180 110??
10	wed	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
10	wed	21.00 - 23.00	E18	Five Free	search, inactive?
10	wed	21.00 / 22.00	E06	English man 00000	search, aug freqs ??? / 8160
11	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
11	thu	08.00	E11	Oblique	10125 or 10050
11	thu	13.00	E11	Oblique	9950 or 8088
11	thu	17.42	S21	Russian lady	4973 5373
11	thu	21.10 / 30 / 50	E07	English man 000 000	search, aug freqs 12226 11137 ???
11	thu	22.00	G22	Edna Sednitzer German	Try 6683 or search 4 - 8 MHz
12	fri	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
12	fri	06.00 / 06.10	S06	Russian man 00000	7845 / 9124
12	fri	08.00	E11	Oblique	11116 or 11260
12	fri	10.30	E11	Oblique	7840 or 9610
12	fri	12.30	E11	Oblique	7439 or 9448
12	fri	19.30	G06	German lady 00000	5933 or 5442 or 4792 14 day cycle
13	sat	12.20 / 13.20	E06	English man 00000	search, aug freqs 15815 / 17430
13	sat	12.30 / 13.30	E06	English man 00000	search
13	sat	14.00 / 15.00	E06	English man 00000	search
13	sat	20.20	G06	German lady 00000	search, poss sked
14	sun	12.30 / 13.30	E06	English man 00000	search
14	sun	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13830 12180 110??
14	sun	20.20	G06	German lady 00000	search, aug freq 11435, july freq 13380
15	mon	11.55	E23	Voice of E05	8188
15	mon	12.00 / 12.10	S06	Russian man 00000	10230 / 12165
15	mon	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
16	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
16	tue	08.30	E11	Oblique	8544 or 6814
16	tue	10.30	E11	Oblique	7840 or 9610
16	tue	12.30	E11	Oblique	7439 or 9448
16	tue	13.00	E11	Oblique	9950 or 8088
16	tue	17.42	S21	Russian lady	4973 5373
16	tue	18.00	S06	Russian man 00000	5745 or search
16	tue	18.50 / 19.00	S06	Russian man 00000	10220 / 7608
16	tue	21.00	E06	English man 00000	search, aug freq 9240
17	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
17	wed	07.00 / 07.10	S06	Russian man 00000	14580 / 16020
17	wed	11.55	E23	Voice of E05	8188
17	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13830 12180



17	wed	20.00 / 20 / 40	E07	English man 000 000	110??
17	wed	21.00	S11a	Cherta	13416 11625 10292
17	wed	21.00 / 22.00	E06	English man 00000	5358 or search
18	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	search, aug freqs ??? / 8160
18	thu	08.00	E11	Oblique	13381 14781 16281
18	thu	11.55	E23	Voice of E05	10125 or 10050
18	thu	13.00	E11	Oblique	8188
18	thu	17.42	S21	Russian lady	9950 or 8088
18	thu	21.10 / 30 / 50	E07	English man 000 000	4973 5373
18	thu	22.00	G22	Edna Sednitzer German	search, aug freqs 12226 11137 ???
19	fri	05.10 / 30 / 50	E07	English man 000 000	Try 6683 or search 4 - 8 MHz
19	fri	06.00 / 06.10	S06	Russian man 00000	6934 8103 9368
19	fri	08.00	E11	Oblique	7845 / 9124
19	fri	10.30	E11	Oblique	11116 or 11260
19	fri	12.30	E11	Oblique	7840 or 9610
19	fri	19.30	G06	German lady 00000	7439 or 9448
20	sat	12.20 / 13.20	E06	English man 00000	5933 or 5442 or 4792 14 day cycle
20	sat	12.30 / 13.30	E06	English man 00000	search, aug freqs 15815 / 17430
20	sat	14.00 / 15.00	E06	English man 00000	search
20	sat	20.20	G06	German lady 00000	search
21	sun	12.30 / 13.30	E06	English man 00000	search, poss sked
21	sun	17.00 / 20 / 40	E07	English man 000 000	search
21	sun	20.20	G06	German lady 00000	search, aug freqs 13830 12180
21	sun				110??
21	sun				search, aug freq 11435, july freq
22	mon	09.55	E23	Voice of E05	13380
22	mon	12.00 / 12.10	S06	Russian man 00000	8188
22	mon	20.00 / 20 / 40	E07	English man 000 000	10230 / 12165
23	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13416 11625 10292
23	tue	08.30	E11	Oblique	13381 14781 16281
Date	Day	Time (utc)	TX	Name	Freq (kHz)
23	tue	10.30	E11	Oblique	7840 or 9610
23	tue	12.30	E11	Oblique	7439 or 9448
23	tue	13.00	E11	Oblique	9950 or 8088
23	tue	17.42	S21	Russian lady	4973 5373
23	tue	18.00	S06	Russian man 00000	5745 or search
23	tue	18.50 / 19.00	S06	Russian man 00000	10220 / 7608
23	tue	21.00	E06	English man 00000	search, aug freq 9240
24	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
24	wed	07.00 / 07.10	S06	Russian man 00000	14580 / 16020
24	wed	09.55	E23	Voice of E05	8188
24	wed	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13830 12180
24	wed				110??
24	wed	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
24	wed	21.00 / 22.00	E06	English man 00000	search, aug freqs ??? / 8160
25	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
25	thu	08.00	E11	Oblique	10125 or 10050
25	thu	09.55	E23	Voice of E05	8188
25	thu	13.00	E11	Oblique	9950 or 8088
25	thu	17.42	S21	Russian lady	4973 5373
25	thu	21.10 / 30 / 50	E07	English man 000 000	search, aug freqs 12226 11137 ???
25	thu	22.00	G22	Edna Sednitzer German	Try 6683 or search 4 - 8 MHz
26	fri	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
26	fri	06.00 / 06.10	S06	Russian man 00000	7845 / 9124
26	fri	08.00	E11	Oblique	11116 or 11260
26	fri	10.30	E11	Oblique	7840 or 9610
26	fri	12.30	E11	Oblique	7439 or 9448
26	fri	19.30	G06	German lady 00000	5933 or 5442 or 4792 14 day cycle
27	sat	12.20 / 13.20	E06	English man 00000	search, aug freqs 15815 / 17430
27	sat	12.30 / 13.30	E06	English man 00000	search
27	sat	14.00 / 15.00	E06	English man 00000	search
27	sat	20.20	G06	German lady 00000	search, poss sked
28	sun	12.30 / 13.30	E06	English man 00000	search
28	sun	17.00 / 20 / 40	E07	English man 000 000	search, aug freqs 13830 12180
28	sun				110??
28	sun	20.20	G06	German lady 00000	search, aug freq 11435, july freq
28	sun				13380
29	mon	12.00 / 12.10	S06	Russian man 00000	10230 / 12165
29	mon	20.00 / 20 / 40	E07	English man 000 000	13416 11625 10292
30	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
30	tue	08.30	E11	Oblique	8544 or 6814
30	tue	10.30	E11	Oblique	7840 or 9610
30	tue	12.30	E11	Oblique	7439 or 9448
30	tue	13.00	E11	Oblique	9950 or 8088

30	tue	17.42	S21	Russian lady	4973 5373
30	tue	18.00	S06	Russian man 00000	5745 or search
30	tue	18.50 / 19.00	S06	Russian man 00000	10220 / 7608
30	tue	21.00	E06	English man 00000	search, aug freq 9240

©Gert 08/2003 [Thanks Gert].

#### ODDITIES

Tones were heard by E as 'Tone every 2 secs on 6659kHz 1920z 29/06 as well as reporting a sound he describes as 'Car Alarm' 7674kHz on 15/06. E admits that he has never heard it before.

#### BACKWARDS MUSIC STATION (XM)

3822kHz	2230z	29/08
3858kHz	2230z	29/08
4443.0kHz	2030z	10/07
5436.6kHz	0100z	05/08
	0200z	07/08
	0100z	07/08
6753.0kHz	2025z	27/07

#### CARRIERS [Blank]

Strong carriers modulated with audio tone;- noted on several occasions in early July on 5,089 and 10,299 KHz. Was S9+ on both frequencies on Friday 18-July and since the signal was so clear I fired up the frequency counter and read the modulating tone as 575 Hz. [Txn PoSW]

#### CRACKLE(XC)

Nil reports

#### 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)

4772kHz	1821z	29/03 S8 to S9 off 1825z nothing further heard PoSW.
5831kHz	2017z	19/06 ending 2026z E and PoSW
	2224z	24/06 v.strong, with background buzz. Vanished suddenly 2241z, nothing further heard PoSW.
6840kHz	2203z	07/08 CD
6890kHz	1749z	29/06 strong sigs. Off 1752z nothing further heard PoSW.
7527kHz	2031z	19/06 E
8085kHz	1734z	29/06 strong sigs. Off 1752z nothing further heard PoSW.
	1740z	31/07 RNGB
8190kHz	2046z	24/06 gd sigs until 2053z PoSW
12114kHz	0736z	09/06 E
13506kHz	0727z	07/06 E
13517kHz	0717z	22/06 ending 0721z PoSW

#### S28 [formerly XB]

Regarding a question from an E2k member concerning a copy of the last transmission, we cannot offer. However we suggest that you visit: [www.geocities.com/uvb76](http://www.geocities.com/uvb76) where you will find some very interesting facts about UVB76.

For instance its purpose is described as the : "Transmission of orders, operational data and time code from Strategic Missile Troops (SMT) Staff in Moscow to ICBM launching platforms. *UZB-76* is part of Central Communications Hub of SMT."

[www.geocities.com/uvb76](http://www.geocities.com/uvb76)

4625kHz 0407z 25/07 London S5 to S7 variable.

#### S30 [and other Pips!]

Continues to dominate 3757kHz in the 80M band.

The 3757kHz pip passed a message:

3756kHz 2202z 29/07 Message passed - available in 'Samples' on Group.

Another pip was heard by PLondon on 3808.7kHz and may have been a time signal. PLondon reported:

3808kHz 0403z 23/07 [S2 in London].  
0359z 25/07 [S2 in London].

A further Pip has been reported: On 31/08 2008z Ary wrote, "On 8340 kHz you can observe a 2-second pip. Morse has been noted on this freq but it is not 100% certain if this is related. So far I only heard the pip and nothing else during the past half hour." Laurent Carbonneau reported via 'Spooks at 2015z, "I hear it but the signal is very weak to follow ..."

E2k's 'Wind in the Anrenna' wrote, "Listening with interest here on the south coast of England. Nothing heard as yet."

8340kHz 2008z 31/08 two second pip.

### XFR Frogs!

This peculiar sound has been reported by MPetrakis:

'While waiting for V07 [14937kHz 12/08] I heard a frog like signal, XFR, around 0606z'. MP was not sure of the exact freq and suggests 14940kHz. [Txn MPetrakis]!

### 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

From BM US [spooks]:

8313kHz 1231z 07/08  
8588kHz 1235z 07/08

### 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 .

4710kHz 0655z 11/07  
0705z 15/07 carrier only, some fax activity adj ch.  
1335z 12/08  
6702kHz  
9000kHz  
11122kHz 0657z 11/07  
1337z 12/08  
15020kHz 1337z 12/08

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/>

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### ENIGMA 2000 ARTICLE

*Part 2 of the interesting piece from our German Desk continues from Issue 17:*

#### Schlesvig

This region, originally a Duchy belonging to Denmark, and lying on the border between Denmark and Germany was Danish until the mid 19<sup>th</sup> Century and named 'Slesvig'.

Today it is divided between Denmark and Germany, with minorities of Germans and Danes living on each side of the border. In both cases there exists a rigid monolingual policy.

These minorities are exactly that, even locally. The members of these minorities define their identity through tradition and their loyalty to culture, rather than language.

Historical Note: During the WW2 German occupation of Denmark this entire region would have become part of Germany. Its inhabitants were subject to the same laws and conscription and draft labour regulations as the rest of Germany. From the middle ages and at various other times, it has changed hands as a settlement of various wars. Most BAOR current and former soldiers are familiar with Schleswig-Holstein.

Source notes [and place names]: <http://www.geocities.com/Athens/9479/slesvig.html>

#### Switzerland:

This small country lies in central Europe and shares borders with France, Germany, Austria and Italy. This probably accounts for the various

ethnic groups. These are: German 65%, French 18%, Italian 10%, Romansch 1% others 6%. As can be seen German is the prominent group and the language spoken by the majority. As is commonly known the Swiss are renowned for their ability to speak all the other languages. They also appear to have a very large percentage of the population who can speak English. Traditionally neutral since the 16<sup>th</sup> Century, Switzerland is famous for its banking and financial industry. Its occupation by the Austrian [Hapsburg] dynasty in the 1200's as well as its proximity to Germany and Austria may account for the German majority amongst the population.

Historical Notes: Traditionally, by virtue that the country is home to the International Red Cross the Swiss have, in both World Wars, provided the valuable service of intermediaries between the various combatants and prisoner of War monitoring. Switzerland has also been the base [probably unwillingly and unwittingly] spy rings and espionage operatives for all nations. The Lucy Ring and Rote Kapelle [Red Orchestra] groups spring to mind. Many Swiss served, as individual volunteers, in various Wehrmacht units during WW2.

#### Germans in Eastern Europe

Having covered those groups of German speakers in Western Europe let us look East. Prior to World War Two, the Germans living in East Europe numbered in the millions. Obviously, WW2 changed all that.

The present day Ukraine was home to a over a million Germans, now, of course. Long dispersed. Other communities, such as, and surprisingly, in Poland, have survived and even prospered. There follows a list of areas in which are to be found German speaking ethnic groups.

#### Poland

Sudetenland	[present day Czech Republic]
Slovakia	[Carpathian Germans]
Hungary	
Transylvania and the Banat	regio of Romania
Yugoslavia	[Serbia]
Bosnia	
Croatia	
Slovenia	[the Gotschee area]
Russia	[the Volga Germans]
Kaliningrad	[present day Russia, formerly part of Germany]
South Russia	[Bessarabia, Odessa, Crimea (present day Moldavia and Ukraine)]

Source: <http://www.geocities.com/Athens/9479/deu1.html>

#### Germans in Poland

The post WW2 era saw the border between Germany and Poland redrawn. One of the results of this was the expulsion from Poland of approximately 3.5 Million Germans. However, many remained in the post war Poland with the result that today, they number between 40000 to 800000. In the 21<sup>st</sup> Century Polish Parliament counts amongst its members some ethnic German representatives.

Historical Note: Readers will recall that WW2 was triggered in this area, mainly by Hitler's wish to include the so-called 'Polish Corridor' as the strip of land separating East and West Prussia came to be called, into Germany proper. During WW2 this area became filled with the German version of 'carpetbaggers'; eager to claim vacant property and land. The resident ethnic Germans of all areas were called by homeland Germans 'Beute-Deutsche', booty Germans' a slightly derogatory term.

The way the war was triggered was pure Frederick Forsyth. A pseudo-Polish army team [in reality Polish speaking Germans in Polish uniform] attacked Radio Gleiwitz [today: Gliwice] but that, as they say, is another story.

#### Germans in Hungary

Today, the ethnic German population of Hungary are between 200000 and 220000 in number. There are several traditional German enclaves in Hungary; along the Hungarian-Austrian Border, to the south of the Danube, or in the mountain regions of the central Hungarian highlands, for example. Today these are mostly rural in nature. In <http://www.geocities.com/Athens/9479/deu1.html> are listed some major cities and villages which house German communities, to allow comparison of the names within the various regions. {See Siebenburgen}.

#### German speaking Groups in Russia

In the 18<sup>th</sup> Century the Russian Tsarina Ekaterina established by invitation large settlements of Germans in 'southern Russia' now known as the Ukraine, as well as the Volga region. In the area of Kaliningrad was another large German enclave which was, until 1945 part of East Prussia, which was, at that time, part of the German state. WW2 saw these Germans moved towards Siberia and Central Asia, from which areas they were not allowed to return. Between 1950 and 1994 1.4 Million of these ethnic Germans from the Soviet Union emigrated to Germany. However thousands of their fellow Germans remain in Russia.

#### Volga Germans.

In the area of the Volga Basin around Samara, the 18<sup>th</sup> Century influx of Germans mentioned above, saw the establishment of over 100 colonies. These Germans prospered, and by the year 1914 they numbered 1.6 Million persons. By the time of the establishment of the Soviet Regime, between 1924 and 1941, an autonomous Republic of Volga Germans existed. With the invasion of the USSR by Hitler's Germany this Republic was abolished and all Germans were expelled.

Today it is possible that there remain in this area, some ethnic Germans who are now Russian citizens, but any German communities are long gone.

#### Kaliningrad

Situated on the shore of the Baltic Sea, this region of the Russian Federation lies between Poland and Lithuania. Prior to WW2 it was part of East Prussia. With the post war boundary changes, East Prussia was divided between Poland and Russia. The vast majority of Germans living there were forcibly relocated, but by the late 1980's ethnic Germans from other parts of the USSR were in-migrating to the region. Now there are perhaps some 10000 Germans living there, almost half of whom have settled in the capital, Kaliningrad. This area they share with other Baltic peoples, including Lithuanians, who make up some 4% of the population.

#### The Ukraine

German settlements grew up in many areas of the Ukraine. In the South of the Ukraine, along Bessarabia, Odessa and Crimea. These areas were home to what were named the 'Southern Russian' colonies, so named because, at the time of their foundation, these areas were in the south of the Russian empire.

In the north west of the Ukraine area were colonies in the Volhynia region. In the west were the settlements which grew up in Transcarpathia and northern Bukovina; some groups of which could trace their ancestry as far back as the Middle Ages. To this day there is a surviving German population numbering about 2000.

*Part 3, the concluding section, of this interesting piece from our German Desk will appear in the next Newsletter.*

#### NEWS & ITEMS of INTEREST

Dr David Kelly

ENIGMA 2000 will not be covering any aspect of Dr David Kelly's tragic death out of respect for him and his family.

The despicable manner in which this poor man has been characterised [by governmental spin] is beyond belief. An in-depth look at this man, his skills, character and personality can be found in Richard Preston's 'The Demon in the Freezer'.

Bletchley Codebreaker Alec Dakin.

Alec Dakin, born 1912 was educated at Heat School and then Queen's College, Oxford reading Greats. In 1940 he was recruited to work as a cryptographer at Bletchley Park. He was fluent in German and worked in Hut 4. Hut 4 was responsible for translating decrypted German naval signals. Dakin is stated as rapidly identifying signals of particular importance. He was involved with the signal from the Bismark 'Most immediate. Torpedo hit right aft, ship unmanoeuvrable. We fight to the last shell. Long live the Fuehrer.' He was also one of the first people to read the message 'The Fuehrer Adolf Hitler is dead'. After the war Dakin became a schoolmaster, joining the staff at Kingswood School, Bath teaching Classics. Alec Dakin died on 14<sup>th</sup> June, 2003 aged 91. Mr Dakin's obituary can be read at <http://www.timesonline.co.uk/newspaper/0,,173-740377,00.html>

ENIGMA 2000 mentioned on Radio Programme.

E2k received a mention by Nick Ferrari on LBC 97.3 during a short mention concerning Menwith Hill. After reading an email out stating that UK Nationals do have access to RAF Menwith Hill [the writer admitted having gone bowling there with her brother who works on the base] Mr Ferrari read out another email that gave the enigma group URL. -- thanks!

Humorous email received

We recently received an interesting email which read:

>Try this soon, before Google fixes its site:

>1) Go to Google.com;>

>2) type in (but don't hit return): "weapons of mass destruction"; > >3) Hit the "I'm feeling lucky" button, instead of the normal >"Google >search" button; >

>4) read what appears to be a normal error message carefully.

We did and and this is what came back!

These Weapons of Mass Destruction cannot be displayed

The weapons you are looking for are currently unavailable.

The country might be experiencing technical difficulties, or you may need to adjust your weapons inspectors mandate.

Please try the following:

Click the Regime change button, or try again later.

If you are George Bush and typed the country's name in the address bar, make sure that it is spelled correctly. (IRAQ).

To check your weapons inspector settings, click the **UN** menu, and then click **Weapons Inspector Options**. On the **Security Council** tab, click **Consensus**. The settings should match those provided by your government or NATO. If the Security Council has enabled it, The United States of America can examine your country and automatically discover Weapons of Mass Destruction.

If you would like to use the CIA to try and discover them, click [Detect weapons](#)

Some countries require 128 thousand troops to liberate them. Click the **Panic** menu and then click **About US foreign policy** to determine what regime they will install.

If you are an Old European Country trying to protect your interests, make sure your options are left wide open as long as possible. Click the **Tools** menu, and then click on **League of Nations**. On the Advanced tab, scroll to the Head in the Sand section and check settings for your exports to Iraq.

Click the **Bomb** button if you are Donald Rumsfeld.

Cannot find weapons or CIA Error

Iraqi Explorer

[Get the WMD 404 T-shirt.](#)

Thanks KW it's a cracker!

Agents Cleared

The Northern Ireland secretary has reported that an independent report states that rogue security force agents had no involvement with the removal and theft of Special Branch documents from Castleraeagh Police Station, Belfast in March 2002.

ID Cards for Britain?

Newspapers have reported that David Blunkett has stated that he is calling for ID cards to be issued to all in Britain [at a cost around £39 to the recipient]. Whilst they would not need to be routinely carried they could be required to be produced in specific circumstances. Britain's civil liberties have lodged a complaint about this requirement for ID Cards [where do these idiots come from] and the need for biometric data to be included. <http://www.timesonline.co.uk/newspaper/0,,176-736390,00.html>

MI6 Director to retire early.

It has been announced that the Director General of MI6 is to retire early. His successor is said to have been recruited from Tony Blair's camp.

Diplomat tried for murder.

A mugger who robbed a diplomat's son was allegedly stabbed to death by the victim's father. The 45 year old Colombian diplomat chased the mugger some distance, into an alley and stabbed him in the chest. A 6" wound is reported as having 'transfixed' the 23 year old mugger's liver. The mugger had robbed the 21 year old diplomat's son outside Perivale Underground Station in West London. He escaped with minor bruises after losing his credit cards to the thief. When he told his father of the event, son and father went looking for the two assailants rather than informing the police.

The diplomat did not attempt to claim diplomatic immunity although Colombia waived it after Blair raised it with Mr Alvaro Uribe, the Colombian president-elect. The case continued at the Old Bailey eventually ending on 22/07 when the diplomat was cleared of both murder and manslaughter. The mugger's family were not happy with the result and remonstrated outside the courthouse. The accused diplomat had served with Colombian Special Forces and when attacked by the mugger used the mugger's own knife against him.

*For the Embassy buffs amongst you the Colombian Ambassador's car VRM is COL 1, whilst the rest are in the series 136Dnnn.*

Whilst on the diplomatic run, there are stories circulating about HM Queen's swans being removed, killed and barbequed by refugees. Whether there is any truth on this matter is anyone's guess but it certainly brought back memories of the arrest of a diplomat who, just prior to Christmas one year, had captured a swan, wrung its neck and walked with it to his embassy. When intercepted by uniformed police he claimed diplomatic immunity.

However the matter did not end there. An official complaint was made to the embassy and the offender was later seen being led onto the national airline [of the country he represented] at Heathrow, never to be seen again – Tnx for the memory Jim.

Blast from the past.

Lloyd Scott of Bartow, Florida sent this interesting piece into Group and has kindly agreed to our using it in this Newsletter. Lloyd will be please to receive your comments.

"Back around 1962-3 I was receiving a numbers station very loud at my home location here in Bartow, Florida. I made an el-cheapo direction finder and triangulated the station. I took a portable SW receiver and proceeded to locate the station. I found it in a wooded area in a neighbouring county. It was contained in a single semi trailer and apparently had one operator.

The trailer had a Georgia tag and the operators car had a California tag. The antenna was two towers and what appeared to be a "curtain" type antenna. One door on the trailer had been left open and several racks of equipment were visible. The operator did not see me.

I took one picture leaving the area and it was published in Popular Communications around 15-20 years ago. Further investigation revealed that the operator would go to a specific gas station in the area and purchase cold drinks. He informed the clerk that he was doing "Radio Active studies" and people should stay away because it was hazardous to come into the area. The antenna was directed due South from Florida. Sounds like Cuban business?? I checked with the power company that serves that area and they had no service provided to the location where the trailer was located.?"

© Lloyd Scott 2003 [Thanks Lloyd]

Leaks Suspect Sacked by GCHQ

The 28year old female who was accused of passing a secret memo to The Observer newspaper in March 2003 has been dismissed. The CPS has yet to decide if any charges will be made although a Human Rights specialist has said that it would be better for the Government and for GCHQ if the matter was dropped. [Tnx E].

Those dodgy Iraq dossiers again.

The newspapers were full of it on 08/07. The Metro claimed that 'War in Iraq was 'shot in the dark' on its front page, stating that 'Defence chiefs had little idea whether Saddam Hussein had WMD's before Britain went to war, or whether he would use them.' On pages 4 and 5 it stated in a timeline how the argument developed.

The Times stated 'Voters losing faith in Blair over Iraq war' on its front page whilst the full dossier report was in detail on pages 10 and 11. Key points of this problem were again stated: *Ministers did not mislead Parliament, Reliable intelligence on Iraq is 'limited', Claim that WMD could be deployed in 45 minutes was given undue prominence, Alistair Campbell did not seek to insert claim, No evidence of political meddling, Claims in September document well-founded on basis of intelligence then available, Doubts on intelligence for claims that Iraq tried to buy uranium in Africa, Jury still out on accuracy on British intelligence on WMD, February's dossier 'almost wholly counter-productive', Refusal to let MP's interview intelligence chiefs "a failure of accountability."* [ Excerpt taken from *The Times* 08/07 'Campbell Mistaken but not improper' by David Chater].

Despite the ramifications within Parliament, Number Ten and other places, the ordinary man in the street knows when he is being conned. The headlines from The Daily Mail summed the whole event up nicely, "If Blair and Campbell had been businessmen, the Fraud Office would be knocking on their doors." According to The Times the MP's verdict on the Iraq dossier was 'In the absence of evidence that intelligence personnel complained.. allegations of politically inspired meddling cannot be established.

For the man in the street the Iraqi campaign was something that was hyped up by Bush and Blair and which has resulted in needless deaths on all sides for a war in the cause of liberation that never was. Jack Profumo, Minister for War stepped down from his position when he lied to the House about his having 'Ladies and Gentlemen' with Christine Keeler [the lucky fellow]. All he did was lie to the House about an extramarital affair with a rather fetching young lady who may, or may not have been sleeping with another lucky chap, Eugene Ivanov, a Russian Diplomat. That was in 1963, when honour existed and when responsibility was accepted.

Tony Blair and his cohorts have apparently misled an entire Nation, sent our forces to war, a few who died at the hands of our enemies and many more at the hands of our so called allies [who we play second fiddle to because Blair is such a pitiful Americaphile]. All this and Blair is still there. The Daily Mail Iraq Dossier [Commentary by Peter Osbourne] stated 'One of the most shocking revelations of the entire report is

neither Sir John Scarlett, nor the Head of the Secret Service nor the Chief of Defence Intelligence even bothered to reply when invited to give evidence.' Sums the entire matter up, totally. Better still is the finger pointing at George Tenet [CIA] for apparently allowing a reference to it when it was allowed into Dubya's 'State of the Nation' speech. [Pity Blair doesn't have such a speech -- but then he only has to listen to the banter on a train or in a bar to learn about the state of HIS nation]. MI6 states that it is protocol preventing it from passing details of this evidence on, Robin Cook says it's time for the Government to come clean and publish the extra evidence they claim proves there was a uranium deal. Better than that, Dr Hans Blix stated that Blair has made a fundamental mistake by declaring Saddam Hussein could deploy WMD's in 45 minutes. There is also the other claim that Saddam Hussein had the weapons destroyed before the conflict started. Totally understandable that! After all, we all know drivers who slash the tyres of their cars before going for a drive. Lately claims surfaced suggesting that MI6 was 'duped by forgeries'. It was suggested in Times Page 13 17/07 that the forged document was obtained from a Diplomat in Niger's Rome embassy by an operative of Italy's military intelligence society. Two URL's are useful here:  
<http://www.timesonline.co.uk/newspaper/0,,173-748013,00.html> [MI6 duped by forgeries]

<http://www.publications.parliament.uk/pa/cm200203/cmselect/cmfaff/813/813.pdf> [House of Commons Foreign Affairs Committee, 'The Decision to go to War in Iraq. 107 pages long].

#### Part of US Blacked out

Thanks to a possible lightning strike near Buffalo a power outage deprived a large amount of Americans of electricity. Rumours abounded as to terrorism, including the effects of EMP from a nuclear explosion in the US. The British papers bored their readers with unnecessary coverage of a common event elsewhere. One photograph showed loads of Americans sleeping in the street - looked like a scene from 'Soylent Green'! [The blackout was naturally the biggest the world has ever seen!]

#### London affected by sudden Power cut

Loss of power to some parts of London caused the stranding of half a million commuters and loss of power to 250,000 homes. The blackout was caused by the failure of two 275kV cables. When interviewed on LBC the next day Mayor Ken Livingstone described the event as 'a catastrophic failure' and then added that the British again showed the same resilience and discipline that they had when in the blitz of WW2. [On the 0608 a fellow commuter said, "It's an MI5 conspiracy to give the media something to report other than the way that Blair wormed his way out of the Hutton Enquiry!" It was said in humour, however.....].

#### Private Eye cover !

The Private Eye magazine [No 1084 11 to 24 July 2003] cover carried an excellent jibe. Under the headline 'Blair Defends Integrity' an image of Blair is shown with a speech bubble in which is written, 'I have never told a lie'. From a male behind another speech bubble states, 'Whoops! There's another one!'

#### Spooks Nonsense.

The belated fourth episode from the BBC was hailed as being the best but PLondon received a txt message from another e2k member about the pro's and cons of nerve agent VX, its colour and also the use of the Combo Pen auto injector. There were other messages on the subject too.

For the information of the member[s] concerned:

VX: Boiling Point 298°C, Vapour Pressure 0.0007mm Hg at 20°C, Density Vapour [compared to air] 9.2

Liquid 1.008g/ml at 20°C, Volatility 10.5mg/cu.m at 25°C, Appearance Colourless to straw-coloured liquid [not green as Spooks informed us], Odourless. The LD<sub>50</sub> is 10mg as stated by the BBC's script, but only for a 70kg man. Further info can be found from 'We All Fall Down: the Prospect of Biological and Chemical Warfare' (Pelican) by Robin Clarke, Penguin Books, Paperback [29<sup>th</sup> November, 1969] Jane's Chem-Bio Handbook, 2<sup>nd</sup> Edition ISBN 0 7106 2571 -5.

Incidentally, atropine is not given directly into the heart, any large area of muscle is suitable, notably that between the knee and buttock.

Pralidoxime Chloride, 2-PAMCl, is also a contender. To cheer yourself up read 'Project Dracula' by Allan Scott. Both Fort Detrick and Porton Down get a mention, so you're in for a right royal treat, paralysed with fear perhaps?

Episode 5 was a belter and worth waiting for. The US President was visiting Great Britain, seeing the Queen, bit of sightseeing [and a visit to the Libyan Consulate] and so on. Lots of bad attitude from the Yanks as well as the Brits. The Brits also being harassed by their HR officer [Personnel officer to those of you not party to this lately nonsensical titling]. Christine Dale of the CIA and Tinkering Tom had words about CD's belligerent stirring and chivvying of his staff, "It's our Country. Slightly smaller than Oregon, that's how you describe it in the CIA World Fact Book [*and it is!!! Page 518 CIA WFB 2001*]. That set the tone for the dialogue of the entire programme. What was better that the Brits had opened a Diplomatic Box from the US and whilst having a root about someone dropped a mug of Earl Grey in the box marring some files. A sub-plot involving some female house officer from a London Hospital who has gone radio-rental and posted 'tart cards' with Tinkering Tom all over them was an unnecessary load of tripe as was the visit by the CIA in response to her threat against the operation to protect the president. But it didn't stop there - some radio enthusiast was noted as getting hold of the freqs for 'Air Force One', nothing new there but surprised e2k didn't actually get a mention. Leading to the final scene we get to see Tom's kitchen, not unlike that of Agent Harry Palmer in the 'Ippress File'. This leads on to a union of Christine Dale and the MI5 man for a meaningful session of 'ladies and gentleman' in Ms Dale's living room. Later Tinkering Tom is told to get rid of the girl, which he does - only to get back together with her after leading an attractive Columbian 'chick' to her death.

#### Minox inventor passes on

Walter Zapp who invented the Minox miniature camera passed away on 17<sup>th</sup> July aged 97. The Minox used a film a quarter of the size of a standard 35mm film.

Walter Zapp was born in Riga, Latvia.

#### Iraqi Spy held

Khaled Abdel-Latif Dumeisi has been arrested in Chicago on charges of secretly gathering information on Iraqi opposition figures whilst as an agent on Saddam Hussein's intelligence service. The charges were brought as a result of evidence taken from a dossier seized in Baghdad.

Coincidence?

British Airways suspended flights to Saudi Arabia because of a security threat apparently being cooked up by agents of al-Qaeda. Saudi forces clashed with gunmen in Riyadh and reports of terror attacks on a British City were made due to 'chatter' heard electronically.

The Nursing Standard [August 13 to 19, vol 17 no 48] ran a piece, featured on the front cover, entitled "Anthrax: forms, symptoms and treatment." A massive and interesting article, it began on page 33 and concluded on page 37.

A newscast on TV showed a local Crown Court closing due to a 'white powder' being received in the post, but not due to terrorism.

Just to back all this up a British Rice Importer was arrested for apparently attempting to purchase and sell on a Russian made shoulder launched ground to air missile. The claims, reported in the British media as having been made by the FBI, was that the target was Air Force One [Dubya's plane]. Well it would be wouldn't it!

At the same time as all this news was breaking Dr Kelly's thoughts on this WMD's in 45 minutes scam was being investigated in Court 73 down the Strand. Mere coincidence?

Downed Swedish Spy Plane located

A DC3, nicknamed the 'Flying Hut' and bearing Sweden's national symbol of three crowns has been located in 300ft of water east of Gotska Sandon Island, about 80miles from Stockholm.

Whilst Sweden was officially neutral in the Cold War it co-operated with Nato.

The DC3 was equipped with the latest British Surveillance equipment and a crew of eight at the time. It is thought that the bulky plane would be no match for the MiG that shot it down when it encroached Soviet airspace. [Tnx E]

Saudi "Intelligence Officer" Expelled

The government has expelled a Saudi diplomat in a move that newspapers have linked to allegations that he bribed a London police officer for information on UK residents.

London police declined to give reporters details of the case [apparently involving current prosecution]. The Times newspaper has named the diplomat as Ali al-Shamarani and described him as an "intelligence officer". The Times stated that over four years, Shamarani had allegedly paid several thousand pounds to a police officer for information about Middle Eastern citizens living in Britain.

Iranian demonstration

On 09/07 a demo was underway outside the Iranian Embassy, Princess Gate, London [famous for the SAS action in 1980 - unsuccessfully copied by other special forces]. Various fliers were being handed out but one made interesting reading. 'This leaflet is to inform you what the facts are and why so many Iranians all around the World are troubled about their country...'

Then followed a short history of Iran and a statement about reasons why Iranians have been immigrating to other countries for safety reasons since the 1979 religious revolution [Ayatolla Khomeini]. Then followed a list of harrowing reasons, including images of torture. A list of things that all Iranians want was shown. The most interesting being:

'Track down the Spy's placed in UK by the religious regime of Iran'.

What is the organisation called? There were three URLs on the leaflet, but no contact details.

Whilst loitering and generally rubbernecking it was noticed that a rather large satellite dish had appeared on the roof of 18 Princess Gate and upon examination the next day it was noticed that a CCTV camera was mounted on the roof of the Iranian embassy. It can probably get a very good view on the other side of Kensington Gore, across Coalbrookdale gate and beyond. It could certainly see, in detail, those demonstrating on the north kerb of the eastbound carriageway of the Gore.

Stasi files declassified

A KGB officer gave the CIA what are now known as the 'Rosewood' files. It is said that over 200000 names are recorded, of which 1200 could be spies in West Germany and 40000 agents who worked in the former East Germany.

The way in which the CIA obtained them is described as one of the Cold War's last great intelligence coups. It is reported that the declassification of these files is set to blow the covers of 50000 agents who worked for the Stasi; the Rosewood files containing the true identities of those mentioned in other files in coded form.

Spy phones banned.

Samsung that makes one of the hi-tech mobile camera phones has banned staff from taking them to work to protect company secrets. The makers boast how easily the tiny units can be used to circulate pictures around the world and now they have fallen prey to their own ingenuity!

Locksmiths Wanted

The CIA has placed adverts for Locksmiths to 'familiarise non-technical people with technical capabilities, do hands-on work and travel worldwide'.

Also, 'Knowledge of electronic and manual safe lock servicing, electricity and alarms is ideal. Knowing how to operate machinery to fabricate lock parts [*bet that means making keys*] and tools will be beneficial.

'There is a wide range of requirements that the agency would have for which individuals with locksmith capabilities could be utilised' a CIA spokesperson stated, adding, 'but what they do and how they do it is not something we're going to be able to discuss publicly.' [Tnx E].

Final Secret

'A wartime codebreaker who lived alone in Edinburgh has astonished friends and neighbours by leaving £1.5million. Marjorie Kennedy, 87, a spinster, died in November. During the Second World War she was a Wren at Bletchley Park.'

[The above appeared in The Times newspaper, page 4 col 8 Friday August 29 2003].

Liberty condemns Electronic Surveillance



The human rights group, Liberty condemned the use of Electronic Surveillance after it had learnt of a plan by M&S and Tesco to use radio frequency identification microchips to track their garments as they leave the stores. The idea is to deter shoplifters but the Director of 'Liberty' says the idea infringes human rights. [Where do these people come from]?

Finally.....

JoA had an interesting tour around Cambridge and ended up in "The Orchard" at Grantchester. Many famous people have taken tea there, including: Alan Turing, Burgess, Maclean, Philby, Blunt, Cairncross, Blake, & Fuchs. The wooden hut has stood for 100 years, and one can have tea under the apple trees in deck chairs, as has been the custom for those 100 years. The list of visitors includes about seventy.

Next to "The Orchard" over the hedge, is "The Old Vicarage," now owned by Mary & Jeffrey Archer. [Tnx JoA].

#### RELEVANT WEB SITES

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

Frequency details can be downloaded from:

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

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

Spunkle Music: <http://1104.ca/dav>

<http://www.timesonline.co.uk/newspaper/0,,173-740377,00.html>

<http://www.timesonline.co.uk/newspaper/0,,176-736390,00.html>

<http://www.publications.parliament.uk/pa/cm200203/cmselect/cmfaff/813/813.pdf>

<http://www.timesonline.co.uk/newspaper/0,,173-748013,00.html>

[http://www.nao.gov.uk/publications/nao\\_reports/02-03/0203955.pdf](http://www.nao.gov.uk/publications/nao_reports/02-03/0203955.pdf) [A good read this one]!

<http://www.terrorism.com/modules.php?op=modload&name=CTGroups&file=index&view=7>

<http://www.wakeupmag.co.uk/articles/thinkdemocracy.htm>

[http://www.propagandamatrix.com/shayler\\_gate.html](http://www.propagandamatrix.com/shayler_gate.html)

From our NIBranch:-this one's a cracker: <http://hometown.aol.co.uk/Doomwatch2000/doom2.htm>

#### REQUESTS

The Free Wales Army, *Meibion Glyndwr* or the Sons of Glyndwr were active in the 1980's [?] moving against second homes owned by Brits in Wales. We have had a request, by a writer, for anyone with past knowledge about the movements to send their recollections to them, via E2k. [The usual methods please]. Thanks in advance. All contributions will be treated as confidential and from an anonymous source. Pse mark your replies FWA. Tnx

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All Members:	Jochen Schäfer is looking for old recordings of G15 and G16. If you can help please contact Jochen direct: jochen.schupper@gmx.de
DoK:	HYECY BIART
E:	Tnx for package; pse send Paul your Ana Belen Montes article, never received and any others you may care to pen.
LP:	Thanks for your logs

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

<p><b>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: <a href="mailto:enigma2000-owner@yahoo.com">enigma2000-owner@yahoo.com</a></b></p> <p><b>Please indicate if you wish to be contacted direct.</b></p> <p><b>If you wish to be credited with your article please indicate, otherwise all work will be treated as 'Anon'.</b></p>
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