

ENIGMA 2000 NEWSLETTER



©DKingDecember2004

This image shows an operator in 'Saltpans Radio' located near
Khormaksar
Aden

We thank DaveCKing for granting his permission to use the image, which he originally posted to the 'Aden Veterans Club,'
[MSN Group for those who served in Aden]

Issue 27
March 2005

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

It's good to have a sense of humour but Idi Amin takes the biscuit with this twaddle:

This is a recently released secret document sent to ENIGMA 2000. Where would the Northern Ireland peace process have gone had help like this not been so freely available?

You can just see Idi Amin and his mate Bob Astles scheming away over a fiddle to be had. Is Bob Astles still alive? Last E2k heard he was living somewhere near Wimbledon Common – perhaps he keeps Wombles in his fridge now instead of what we were told was found in his Ugandan residence refrigerator [perhaps just bad publicity to sell newspapers – it's all such a long time ago].

FM KAMPALA 281138Z
UNCLASSIFIED
TO PRIORITY FCO TELNO 537 OF 28 TH MAY 1974

1. THE PRESIDENT HAS JUST HANDED ME THE FOLLOWING MESSAGE WHICH HE HAS ASKED ME TO PASS TO THE PRIME MINISTER . BEGINS:-

QUOTE TO THE RT.HON PRIME MINISTER WILSON C.C. HIS EXCELLENCY MR ARNOLD SMITH, SECRETARY GENERAL OF THE COMMONWEALTH (FOR INFORMATION OF OTHER COMMONWEALTH HEADS OF GOVERNMENT)
FROM HIS EXCELLENCY AL-HAJJI GENERAL IDI AMIN DADA PRESIDENT OF THE REPUBLIC OF UGANDA.
DEAR PRIME MINISTER

IT APPEARS THAT THE POLITICAL AND SECURITY SITUATION IN NORTHERN IRELAND IS BECOMING WORSE EVERY PASSING DAY WITHOUT ANY APPARENT FEASIBLE SOLUTION TO IT IN SIGHT . THIS SERIOUS AND REGRETTABLE DEVELOPMENT CALLS FOR BRITAIN'S BEST AND SINCERE FRIENDS TO COME TO HER ASSISTANCE .
CONSEQUENTLY , I AVAIL MY GOOD OFFICES AT THE DISPOSAL OF THE OPPOSING SIDES IN NORTHERN IRELAND. I SUGGEST THAT REPRESENTATIVES OF THE CATHOLIC AND PROTESTANT COMMUNITIES IN NORTHERN IRELAND AS WELL AS REPRESENTATIVES OF YOUR GOVERNMENT COME TO UGANDA , FAR AWAY FROM THE SITE OF THE BATTLE AND ANTAGONISM, FOR A CONFERENCE ON HOW TO BRING PEACE TO THEIR PROVINCE . I WOULD DISCUSS /WITH AND
WITH AND MAKE SUGGESTIONS TO THEM AS HOW TO END THE FIGHTING IN NORTHERN IRELAND . I HOLD A STRONG VIEW THAT WE IN UGANDA , BEING A FORMER COLONY OF BRITAIN , STAND A GOOD CHANCE OF MEDIATING BETWEEN THE OPPOSING SIDES IN THE CRISIS -THAT IS TEARING NORTHERN IRELAND APART.
YOURS SINCERELY , (SIGNED) IDI AMIN DADA
AL -HAJJI GENERAL IDI AMIN DADA ,VC DSO NC PRESIDENT ' OF THE REPUBLIC OF UGANDA ,KAMPALA ,28 MAY 1974.
UNQUOTE ENDS.

Don't say ENIGMA 2000 doesn't bring you the best Secret Docs! [Remember Raid on Entebbe – it was nearly as laughable as Delta Force as they tried to mimic the SAS, but only on celluloid!]

Note Idi Amin's self inflated signature, VC DSO NC, not bad for a jumped up native levy Sergeant-Major – Richard Attenborough's character, RSM Lauderdale in 'Guns at Batasi' [John Guillermin, 1964], would have ripped the man to bits, "We will talk when you take your hat off in my Mess, Mr Boniface! No officer has ever entered my Mess with his hat on and you are no exception; is that clear Mr Boniface?"

[Can you imagine it today? "Step inside Sir, rest your feet on my back if you want and we'll turn over all the persons you want if you promise to treat them fairly and give them succour for their ills. Don't worry about their families Sir we'll give them asylum – big council house, free car, mobile phone, top of hospital waiting lists; and no Sir, they won't have to contribute anything Sir. If you personally get overturned as a horrible dictator we'll give you the same Sir."!]

While we are rattling on about the Freedom of Information Act there is a website with some interesting things on it:

<http://www.foi.mod.uk/results.asp?mode=recent>

We note that RAF Digby and Wythall are conspicuous by their absence [but we mention them for those amongst us who have had the misfortune].....

"Now that's off my chest, lets get on with the newsletter . Wait for it laddie! Start at the first page proper, and work your way through it, careful like, now there's a good fellow. And Private Wilkes! Put that SMG down, you'll have someone's eye when the mainspring flies out if you try to strip it like that, you horrible ten thumb creature"!

Welcome all to Issue 27.

Once again your editors give their thanks for your monitoring efforts and appreciate the hard work being carried out. A warm welcome to those “volunteers” joining our various “teams”, we will keep you busy. Thanks are given to those who submitted constructive comments regarding the developing style of the Newsletter and commented, in particular, on the usefulness of the spectrographs in the CW and XP sections as a means of illustrating in simple form that which can be difficult to convey in written terms. This feature will now be incorporated into the NL permanently as an integral “style” standard. (One member commented “I do not read/understand CW but seeing it as a picture enabled me to immediately recognise and put into context the written information, please keep doing this”)
Glad you liked it, Ed. – now start learning Morse ;-))
During Jan 16/17th a CME as a result of an M8 flare followed by a second CME from an X2 flare gave some interesting conditions varying from “dead” to “good lift” depending on the band. Various disruptions continued until Jan 21st before settling, until Feb 5th when some disruption restarted but this was short lived.

E15, is back with us after a long, unreported ?, absence and is providing some surprises, see expanded entry, which has kept the editors enthralled.

E25 We have now initiated an E25 team (the E25 Desk) and as a result of their intensive efforts more **very interesting** aspects of this station are being uncovered virtually on a weekly basis, see extensive entry.

E25a this variant logged again after a couple of years absence, please reactivate in your Control List copies As a result of the above the planned March amendments to the ENIGMA Control List have been delayed to allow for further discussion and, if necessary additional information to be included.

V2, additional skeds identified, or operator errors ??, see entry

M13, poss new freq found, see entry

MORSE STATION NEWS

A representative sample of the logs received, in the format introduced in Issue26.

Unid 1 per IB

Jan 14th, 4080kHz, 09.02z i/p
vvv 8nz 8nz de mf3 mf3 = 34 6663 94
qru 355
R x1
qru 355 sk

Unid 2 per IB

Jan 14th, 5701kHz, 10.00z, very poor sending. (Training ? Ed.)
vvvv vvvv vvvv vvvv vvvv q5o (x 11) de xv6 xv6 xv6 xv6, all x 3, qrx next va va

Unid 3 per IB

Jan 14th, 5110kHz, 15.46z i/p
nw4 nw4 nw4 nw4 nw4 de 7dk 7dk 7dk vvvv qsv k, all twice.

Unid 4 per IB

Probable Chinese military, 6704 kHz, 1144z (11-feb-2005) cw 3FG cut (IB)

Poor quality signal

IB remarks that :-

This cw station is possibly a “sister” of V26/V27 stations, who use a mix of English and Chinese in their TX’s. Igor took the following intercept then retabulated into the “full” uncut, an interesting result.

I/p... tua 773 356 4t3 nn3 446 3d3

4dt 4d6 tu6 773 tu7 773 356 4t3 nn3 436

46d 3d4 4dt 4d6 tun n34 t33 773 356 37u

4t3 nn3 446 467 3d4 4dt 4d6 tuu 773 357

373 4t3 nn3 436 46d 3d4 4dt 4d5 3ud tau

iii 2p = = =

773 353 4t3 nn3 447 46d 3d5 4dt 4d6 tan

773 tu3 773 353 4t3 nn3 446 3d3 4dt 4d6

tut 773 tua 773 356 4t3 3t3 nn4 435 466

3dt 4d6 tuu 773 tu6 773 tu7 773 356 4t3

nn3 446 477 3d4 4dt 4d6 tuu 773 357 373

4t3 nn3 446 467 3d4 4dt 4d5 734 n47 3u7

3un tau 773 353 4t3 nn3 436 46d 3d5 4dt

4d6 ta7 773 tad 773 353 4t3 nn3 446 467

-d4 4dt 4d6 tu4 773 tu5 773 357 366 4t3

nn3 446 467 3d5 4dt 4d5 tu6 773 --- ---

--- 4t3 nn3 446 4dt 4d6 tun n34 t33 773

<further traffic very qrm>
snipped

This is the full text version of above, but restructured into its "addressee" lines :-

...

021	773 356	403	993 446	383 480 486
026	773			
027	773 356	403	993 436 468 384 480 486	
029 934 033	773 356 372 403		993 446 467 384 480 486	
022	773 357 373 403		993 436 468 384 480 485 328	
012	773 353	403	993 447 468 385 480 486	
019	773			
023	773 353	403	993 446	383 480 486
020	773			
021	773 356	403 303 994 435 466 380		486
022	773			
026	773			
027	773 356	403	993 446 477 384 480 486	
022	773 357 373 403		993 446 467 384 480 485 734 947	
327 329				
012	773 353	403	993 436 468 385 480 486	
017	773			
018	773 353	403	993 446 467 -84 480 486	
024	773			
025	773 357 366 403		993 446 467 385 480 485	
026	773			
---	---	403	993 446	480
486 029 934 033	773 ...			

M01 "Two Tone" MCW, hand.

Late log

Dec 4th, 5810kHz, 15.00z, clg "197"

Jan 17th, 4007kHz, 21.00z u/r

Jan 22nd, 5808kHz, 15.00, i/p

Feb 13th, 5463kHz, 07.00z, clg "197 226 226 30 30 = = 86731 etc"

Feb 20th, repeat above

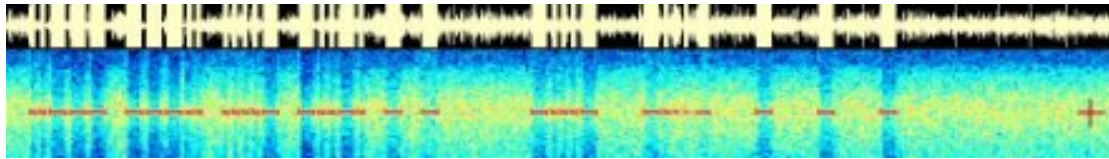
M01b MCW hand

Jan 28th, 4506kHz, 22.05z, "419 912 34 - - 87267 etc" sent 10 gps/min, only one error.

Feb 7th, 5065kHz, 21.10z "136 - - 311 31 - - 19894 etc"

M03 ICW, some MCW

M03 7317kHz 0915z 09/01/05 Spectrograph:



©ENIGMA2000Jan2005

Image shows 284/00 = 0 0 0 [Red cross at RH is freq mark for 800Hz – the tone the demodulated Morse was heard]

The 09.15z TX's on 7317kHz had very good sigs in Jan

Jan 25th, 11486kHz, 07.38z sent a series of LONG dashes, 07.39z “vvvvv”, into TX 07.45z.

From JoA

Feb 2nd, **8088**kHz, 06.58-57z, Unusually early tune up :- TTT VVVVVV but no TX at 07.00z then at 07.27z the usual VVVVVV and at 07.30z into TX “508 + mssg)

This was found by accident as the RX was tuned to the previous days' E11 sked (but it's another one into the bag, Ed)

Freqs heard :-

4181, 4504, 4840, 4909, 4958, 5358, 6480, 7317, 7377, **8088**, 9339, 9443, 9610, 10210, 10384, 11486

M03c

Jan 12th, 9610kHz, 09.00z, clg “211 / 34 77777 77777 89489” etc

Jan 13th, 9950kHz, 10.30z repeat of 12th.

Jan 27th, 10384kHz, 10.00z, clg “971 / 36 77777 77777 67233” etc

Feb 14th, 10218kHz, 09.00z, clg “976 / 34 77777 77777 + “etc

M08's MS reports the continued random, and mixed, use of the M08a & M08c formats although in early Jan the incidence of “C's” dropped markedly. Last heard Jan 20th.

(Wonder if they've decided at last to dump the “crappy tape”, and we're back to normal until the next cock-up. Ed)

The late starts and increasing number of wrong skeds, also affecting V2's, leads MS to speculate that taking all these mistakes together it is likely that M08a/M08c/V02c and possibly V02a are being TX'd from the same location, and by the same personnel, although the operators may also have changed to a new team for 2005.

MS had not noticed this until recently so is it also an indication that this Cuban operation has been “rationalised/relocated”?, also during Jan/Feb there were X'mitter, or antenna, problems disrupting the sig. (still setting up ?. Ed)

Also noted was another new development where upon reaching the 9th transmission of a message they then continue the skeds to the 9th addressee until there is new traffic.

MS also speculates “maybe this whole Cuban operation is just a training exercise, I can't imagine a professional being satisfied with the quality of this product”

M08a ICW

Jan 6th, 8009kHz, 23.00z started on the wrong freq, changed to correct 8135kHz at 23.05z. DURING the TX, this is happening often, new conscripts ?. Well spotted MS

Jan 10th, 7320kHz, 13.00z TX should have been a repeat of the 6796kHz 12.00z TX but a different mssg was sent to a different addr.

Jan 20th, 7890kHz, 13.00z. Should have been rpt of 12.00z sked, totally different mssg sent and in the wrong format (M08c), all other traffic on 20th in M08a format.

Freqs heard :-

3025, 3244, 3926, 4027, 4173, 4478, 6797, 6826, 6854, 6933, 7320, 7519, 7526, 7555, 7580, 7890, 8009, 8096, 8136, 9062, 9153, 9237, 9323, 9328, 10126, 10344, 10445, 11432

M08c ICW, small variations in TX freqs.

Jan 12th, 7519kHz, 23.00z started on wrong freq, changed to correct 8009 at 23.06z

Jan 15th, 8136kHz, 12.00z, started & stayed on wrong freq, the 11.00z sked one, correct for this sked is 6933kHz.

Freqs heard :-

3926, 4027, 4478, 6797, 6854, 6866, 6933, 7320, 7519, 7526, 7890, 8009, 8136, 8186, 9062, 9238, 9330, 10119, 10125, 10446, 11432, 11566, 13374,

M10 ICW/MCW, some CW

Jan 2nd, 3631//5471kHz, 18.00z TX had a sporadic 680Hz tone, little longer than a dash, during TX – kit glitch ?.

Jan 4th, 3522//4007kHz, 04.30z, weak with fades and a Boo-Boo, only sent 2 0's at end not 3, here's the spectrogram

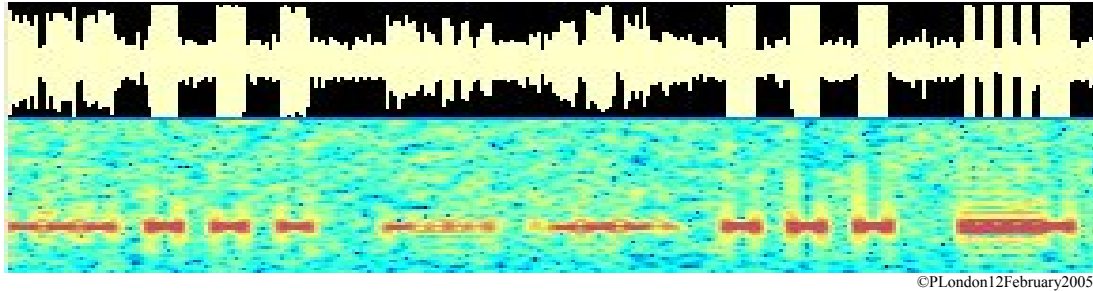
The M10 transmission, 3522//4007kHz 0430z 04/01 suffered from weak signals and fades leading to reception difficulties with PLondon on his SW55. Luckily PLondon was recording the signal on his Digital Voice Recorder [*Sanyo ICR-B20 for those of you who enquired last time*] because although he was able to copy the message run up as 555 443 89 19 he did lose the rest in the mush. However towards the ending the signal perked up for the last 10 or so groups. The conclusion, at 0440z surprised Paul, given the usual efficiency of the M10 station, = 89 89 19 19 0 0 The last shortened zero [sent as a 't'] was missing. Paul thought that the conditions may have altered but on running the sending through spectrogram he saw this:



©PLondonJan2005

The spectrogram shows 19 19 0 0; the last 0 was never sent. On its repeat on 5076kHz 0700z 08/01 PLondon noted the ending was correctly sent as t t t, or in shortened form, 0 0 0.

Whilst intercepting the 0535z MCW sending on 12/02 PLondon heard what he thought was a train of zeros in the 26 group message sent for 275. At 1630z when the message repeated PLondon applied the output of his rx to his pc to generate a spectrogram.



That above shows two groups of the T T T group used at the conclusion of M10 sendings. This time they are separated by two figures, 61. That they are the normal slow zeros, albeit abbreviated characters is obvious. So what is the purpose? Message separator for two messages? Possible with the 61 being a decode key or something akin. [TnxPLondon].

On Sunday 20/02 PLondon was monitoring the alternate 1610z 4485//6758kHz sending:

555 374 50 41
783 42 30
ENDS: 1627z

Towards the end of the transmission of the second message's thirty groups transmission suddenly ceased. There was no indication of transmission failure and it sounded as though the 'plug' had been pulled. [PLondon was monitoring 4485kHz, but the effect was the same although the 6758kHz freq was also host to a troublesome data transmission].



©PLondon200205

The above spectrograph illustrates the shutdown. Does this indicate the message to be a blank, or will agent 783 be running about, hands clasped nervously over his ears worrying what is to come.....
Bear in mind that the next scheduled sending for M10 on this day was to be the 1630z MCW sending on the paralleled freqs of 4030//6763kHz. The 6MHz freq is within 5kHz of the alternate 1610z and one must wonder if the same transmitter was to be used.

The message sent was

555 571 23 25
275 04 32
049 36 37
435 82 21
0 0 0 1657z

[Tnx PLondon].

Jan 8th, 4030//6763kHz, 16.30z. Both freqs v poor, read as CW but sent in MCW. It took the combined logs of two monitors to identify the first group of "555 571 98 24" but their reading was confirmed on Jan 9th repeat TX with a fair sig on 6763kHz MCW

Jan 10th, 3522kHz, 04.50z TX was degraded by a variable tone carrier of unknown origin, while its repeat TX on 13th appeared to be at a faster speed than normal.

P London had an interesting intercept of Jan 24th at 18.20 & 21.00z, 3522kHz skeds where the QRM was provided by two females on cordless phones using 3524kHz AM, there was no corresponding sig in the 1684 – 1785kHz area. What did they find to talk about for all that time ?

Jan 31st, 4835kHz, 22.00z sked recd with very strong sig in London even producing the characteristic "echo" of combined long / short path elements.

Feb 1st, 3522//5076kHz, 04.50z sked, strong sig on both freqs, however at the intended start time only a series of dots were TX'd – the mssg proper started 46secs late.

Freqs heard :-

3522//3810, 3522//4007, 3522//5027, 3522//5076, 3522//5301, 3631//5471, 3810//5861, 4030//6763, 4485//6758, 4836, 4958//7745, 5027, 5076, 5301, 5945//9445, 9385, 12295, 14563//15897, 14978

M12

Some late logs Issue 26 included:-

Dec 18th, 4678kHz, 19.21z, i/p is this a new sked ? The 20.00/20.20/20.40z sendings all S9.

Dec 29th, 5308kHz, 20.20z, appears to be another sked – noted active on previous Weds – and sending long mssgs, clg "480 480 1, DK/GC 7219 245" could be 3rd TX, rpt not found.

Jan 9th, 5308kHz, 20.20z another long "480", clg 480 480 480 1, DK/GC 1484 209" this TX appeared to be rather fast and ended "000 000". Rptd on 12th 20.20z

Jan 11th(Tue), 5788kHz, 20.40z, clg "462 462 462 1, DK/GC 4617 142" PoSW thinks this may be the "462" sked that in 2004 ran on Sat/Wed 18.00z 8084/6856/5788kHz and now moved to 20.00z Tue + other.

Feb 8th, 7412kHz, 18.00z clg "212 1 549 201 46113 etc"

Feb 10th, 13446kHz, 06.50z, weak clg "146 146 146 1, DK/GC 180 93 ?" this Mon/Thu sked appeared using 2004 freqs and this was confirmed on :-

Feb 14th, 12146kHz, 06.30z / 13446kHz, 06.50z, clg "146" etc different mssg.

M13

A few monitors have remarked that some of the TX's are weaker than would be expected, and others NRH.

This poss new freq for the sked caught by MS on his first day back after a short time "off air" nice one!

Feb 2nd, 5783kHz, 22.45z, clg "757 (R5) BT 270 20 BT"

This is another odd contribution from the logs of JoA for the Feb 2nd 6352kHz, 22.00z sked tune-up.
 “Unusual tune-up :- pip every min @ nn.nn :14, for several mins except for pip @ 21.58:17, then last pip @ 21.59:14 then into expected TX at 22.00z “254 = 255 22 = 09123”
 No other reports of this strange behaviour received.
 Feb 14th, **8112**kHz, 23.00z, clg “458 (R5) BT 245 23 BT” This is the “missing” 458 23.00z freq. Nice one MS
 An odd pair (GD please note)
 Jan 10th, 5273kHz, 21.09z i/p clg “735 735 735 000” then = 252 22 =, 5F’s in very slow morse which appeared to be MCW
 CC – high pitched tones
 Jan 14th, 6934kHz, 18.02z, clg “915” normal speed MCW CC high pitch.
 Freqs heard :-
 3493, 4042, 5062, 5247, 5377, 5735, 5766, 5783, 6352, 6377, 6382, 6532, 6574, 6885, 6993, 7524, 7534/5, 7567, 7927, 8080, 8107, **8112**, 9264, 9878,

M13a

Another rare visitor to our pages, this special schedule 2nd/4th Mon Tue of month variant pulled from the ether under difficult QRN conditions by MS.
 Feb 15th, 6455kHz, 21.00z, clg “463 x 3, 0 0 0” (R5) To add extra interest MS was expecting a “436” call.

M14 ICW / MCW / MCW CC

The 1st/3rd Fri MCW sked continues into 2005 with a change of call to “491”, will remain for rest of year, and true to form the 2nd sending (winter) at a **higher** freq :-
 Jan 7th, 4040kHz, 20.00z, clg “491 491 00000” null mssg, Repd on 4470kHz, 21.00z
 Jan 21st, confirmation of above freqs/times.
 Jan 22nd, 5745kHz CW, 07.01z, clg “425 425 425 00000” this early morning CW stopped in mid flow just after 07.04z ??
 Jan 22nd, 4470kHz MCW, 21.00z clg “491 236 40 70775” etc confirms the “next day repeat” still running.
 Feb 4th, 4830kHz, 20.00z / 4470kHz, 21.00z “491” now returned to the 2nd sending lower, until end of year.

M23 ICW

Still as elusive as ever but nicely caught by LW, sending a mssg !
 Jan 20th ?, 5540kHz, 12.50z i/p, probable 12.30z start

M24

Feb 12th, 8150kHz, 18.02z, clg “512” at 18.04z “868 868 144 144 = =” 5F’s, weak, v fast CW.

M55 hand, erratic

Another JoA catch of this somewhat rare station, but for the moment it’s being predictable on this freq.
 Feb 4th, 12150kHz, 13.00z clg “698 000” R, poor, fading, indistinct ending but presumed null.
 Feb 11th, above repeated.
 Feb 18th, above repeated, poor sig
 Feb 22nd, above repeated, JoA remarks he noticed a variation prior to 0 0 0 and wonders if a short mssg was sent, This would certainly be a “first”, but probably just the sloppy sending.

M89 per IB

Jan 5th, 5304kHz, 13.05z, clg “yav8 yav8 yav8 de otuv otuv otuv v” (R)
 // 7741kHz
 Jan 25th, 5278 // 6668kHz, 01.40z / 02.06z with an odd
 “v gkv gkv gkv de q~w q~w” (R) the symbol ~ sent as ---.-.
 **AB later commented, via a posting on the WUN site, that this is possibly a defective sending of :-
 V GKVZ GKVZ DE Q7NW Q7NW heard on 3297 / 5278kHz caused by the “Z” missing in GKVZ and the misread of ---.-.
 (7N) **
 Thanks for the input on this one, Ed

Thanks to: AB, AF, Hfd, IB, JoA, LW, ML, MoK, MS, PoL, PoSW, RNGB, Anon2 UK, Anon EU.

Before we move on PoSW’s overall view of the Numbers scene makes interesting reading: “The S06 Russian Man appears to be less active than last year. E07, E06, G06, M14, M12 and S10d are all showing up as expected. E10 is as busy as ever including the rather unusual situation on 6,930 which has been going on for some time, i.e. a strong blank carrier which comes to life every now and then with “Sierra Yankee November 2” repeated over and over and nothing else; except on Tuesday 25-Jan when I checked 6,930 at around 1820z when the YL voice was repeating “Sierra Yankee November Sev-en Five” but was back to “SYN2” at 1953z. And on Tuesday 8-Feb at 1940z E10 on 6,930 was, unusually, in normal message mode finishing a couple of minutes after being tuned in with “End of message”, etc.

All the early morning V02 Spanish language transmissions have been extremely weak over the last few months, all down to winter propagation conditions no doubt, but there are signs of slightly improved signals as we head slowly towards spring.

The established G06 German YL schedules have continued into 2005 and a strong transmission was noted on Sunday 6-Feb after 2200z on 4,441 KHz so there might be a late Sunday evening schedule to keep track of.

The S10d Czech YL schedules, or at least the ones to which I am able to listen, are much the same in February as they were in December although as the chart from the Slavic Desk says the next major change should be on 1st March 2005. Every once in a while an S10d comes up in single sideband suppressed carrier mode instead of the usual AM with carrier but with the lower sideband suppressed; two examples of this have been noted recently. On Thursday 13-January the 2130z transmission was logged with one frequency, 4,446 KHz, in suppressed carrier mode which needed the receiver to be in USB in order to copy whereas the parallel 5,904 was in the usual “with carrier” mode. On Monday 31-January the 1740z transmission on 5,028 // 7,605 KHz was noted with both frequencies in carrier suppressed mode. “[Txn PoSw]

GERMAN BRANCH REPORT More events than logs – 5th report from the German Branch of E2K :

Hallo liebe Freunde der deutschen Branche von E2K (Hello dear friends of the German Branch of E2K), this time VERY late, unfortunately TOO late for EN 26, but not too late at all.

This 5th German Branch's report might be read as a diary, although I don't write diaries, I had some good reasons to do so, because in this period there are more events than logs to report.

First I want to thank my correspondents HendrikeE2Kde from Aschaffenburg and DanielE2Kde from Muenster, who are also E2K members since some months. They mailed me about some events, which happened in November, and of course KopfE2Kde can report about some others in November and December. But chronologically:

November 8th: DanielE2Kde reported about a satirical film in a German TV programme (not sure if it was "Phoenix" or another one) called "Der Westen leuchtet" ("The West shines"), in which he could hear a German numbers station (his description of this station sounded like a BND station, such as G14, G15 or G16; he only heard the numbers, nothing more – this time no imitation, but a real station). The film was transmitted on Nov 5th, and DanielE2Kde saw and heard it per accident. At 2314 UTC, he zapped into a scene, where he could hear the numbers station, and during this, there was imaged a hand on a sheet of paper, writing 5-FG groups. At the top of this paper, there was a little OTP sheet, which was small printed on transparent paper (ca. 5 x 4 cm). After that, a cut to another view of this scene, where Daniel could see the popular German theater/TV player Armin Mueller-Stahl, sitting in front of a small radio. He (Mueller-Stahl) took the OTP, and obviously he wrote the deciphered text directly behind the 5-FG groups (as far as Daniel could work it out so quickly). Most likely, the process of deciphering was presented in a shorter or easier way as it is in reality. Then there was the next scene. Daniel immediately looked into the TV newspaper and the videotext to find out more about this film; unfortunately it was not repeated. This satirical film about agents was produced in Germany in 1981/82. Here a description of the videotext:

"In order of the Ministry of State Security (Stasi) of the German Democratic Republic, Harald Liebe (played by Mueller-Stahl) has to check if the agent with the code name "Heinz" went over to the other site. Liebe learned during his training courses to move as normal as a citizen of the Federal Republic of Germany. But soon Harald is fascinated from "Heinz", who changed his identity into "Dagmar Osterfeld"; also Harald is fascinated from the good way of live in the West." [Tnx to DanielE2Kde]

November 14th: A log from DanielE2Kde: S06(?) on 8125 at 1714 UTC in AM in progress (missed the end).

November 17th: On this day I came back earlier from work because of bad back pain. A good opportunity to go on the phone for myself and not let it do my answering machine. And it was worth enough to do so. Why? Because a man called Peter was on the other site of the line. He said, he works at a high German office, and he wanted to confirm OFFICIALLY, that the European CIA station, which is located in a forest area in the South of Frankfurt/Main in West Germany, isn't sending any more since October, BUT it's still in use! Charlie Barlow, a man, who worked at this station, told Peter, that the areal is cleaned regularly, the antennae are turned from one way to the other (so one day on the right, the next day on the left way for example), so that you can see, that they are still in use, although there are NO transmissions any more. Peter also told me during our speech, that he knows the former BND stations very well and "The voices are still in the ears", he said, and it could be, that he has some recordings of them. He reads the E2K newsletters regularly, as he told me. Another proof, that our newsletters are also read by officials.

November 20th/21th: HendrikeE2Kde could find a strange signal at the beginning of the 2-m range. He believes, it was a MFSK signal. He attached the signal to me, and I forwarded it to Paul, who gave it into the 'files' section and called it "UNID file" there. Unfortunately, no one could find out what it is. It came several times on November 20th. Also Hendrik reported about a documentation, which came in Germany's public TV programme ZDF. The title was "Feind hört mit" („Enemy is also listening"). It dealt with activities of NSA/CIA in Germany and Europe. Twice, at its beginning and its end, they talked about the "Egelsbach Facility" and the numbers station, which was there in 2003. The way was shown by Mike Hoehn, who already made docu programmes about this subject earlier. [Tnx to HendrikeE2Kde]

In that days (from November 21th till December 5th) I had an "out" time, because I had too bad back pain, so that I was at the QTH of my parents. Unfortunately, I couldn't make many logs there, because there were heavy disturbances through local QRM, only some logs were possible, such as E10 JSR on 7540 with the nice "Chinese Music Jammer" in the background. The back was ill, but the "Kopf" still healthy, so that I could monitor an interesting feature in the "Deutschlandfunk" (DLF), who also produced our numbers station feature in 2003, as you remember.

November 29th/30th: On these days the feature was transmitted at 1815 till 1900 UTC. Its title "Enemy observation – the radio in the focus of the MFS". It presented the problems between East and West German radio stations with the Ministry of State Security (MFS) of the GDR, also known as "Stasi". The programme was presented in the view of West Germany about East Germany – not the other way around, so not neutral! Of course, they brought original recordings, also of old Soviet jammers. But the interesting thing for us came in the 2nd part on November 30th. As they reported about the way of a popular DLF redactor called Gerhard Fleischle, who worked at the DLF for more than 20 years, they described Fleischle's contacts to the Stasi, mixed with an O-tone of G08 (last version from the 80s). You can also download this program on the pages of www.dradio.de. Search for the German title "Feindbeobachtung" in connection with "Deutschlandfunk", and then you'll find it (in German, of course). The redactor of this feature was the same man, who was responsible for the redaction of our numbers feature in 2003. He told me in a telephone call, that the feature from 2003 won the 6th range of the "Pre-Europe Award", an award for the best features presented in a year (as far as I know). That's a good success for us, I think. On my question about the origin of the numbers station in the "Enemy observation" feature in November 2004, the redactor told me, that it came most likely from the archive of the former RIAS Berlin, which now belongs to the "Deutschlandradio Berlin". I asked our correspondent AndreasE2Kde from Potsdam, which is not very far from Berlin, to find out more. He gave me the address and phone number of a popular DX redactor, who worked for the RIAS for years. I hope, that I can bring you more about this subject in the next report, and if the RIAS has more numbers stations. - By the way: AndreasE2Kde now lives in Leeds/England, where he makes a students' exchange at the university there. We from the German Branch want to wish him all the best, not only for 2005, but also for his studies in Leeds, and that he can contact our hobbyfriends in Europe's leading country in the numbers movement!

December 7th: After my healthy comeback to my Marburg QTH, I could log again. So the 3rd XP sked at 0740 UTC on 11464 can be confirmed by KopfE2Kde: ID=324, DK/GC 00294/00213.

December 12th: Robert Wise was sending his first part of the "Spy Station Special" in his station "Hobart Radio International" in Tasmania/Australia (see E2K issue 26). After this transmission, which I downloaded and listened to, I wrote to him, stating, that I have a big archive of numbers stations, from which I could copy him a tape. He agreed, and so one of the next parts of this series will be produced by the "Kopf"!

December 22th: Another log from DanielE2Kde: E07 on 6981 at 1803 in AM with msg, monitored in progress, ending at 1817 with "00000", carrier went off immediately.

December 27th: X06, monitored by KopfE2Kde from 1800 to 1810 on 6808 in LSB. After the signal, the carrier stayed almost half a minute, then it went off and nothing further heard. During the transmission I called HFD in Trier/Germany, so that he could fill it in his logs.

That was the report for this year. In 2005 we will go on with reports about events, logs and other news from the German Branch.

I wish you all "ein glückliches, gesundes und vor allem erfolgreiches neues Jahr 2005 in unserer Zahlensenderbewegung" (a happy, healthy and especially successful new year 2005 in our numbers stations movement).

So for this year "Auf Wiedersehen" and good-bye

Jochen Schäfer, the "Kopf" of E2K's German Branch [Tnx Jochen for your effort here].

We catch up with Jochen with the first German Branch report of 2005:

Hallo liebe Freunde der deutschen Branche (Hello dear friends of the German Branch),

For many people of Germany, 2005 is a very hard year, because of economic reforms to find a way out of the hard crisis, which is also a late follow of the "fast" re-unification in 1990, which of course was a political success, but the politicians didn't think enough about the economic development of a re-united Germany. – These are the reasons, why many of us (including myself) had other sorrows in January as to log numbers stations. In February the logging situation was better, also some interesting monitorings and events are to report this time. We'll end with a long, long list of loggings, made by a new correspondent from out of Germany.

The world-wide contacts are built up – but with difficulties

On January 10th, I sent a cassette to "Hobart Radio International", Tasmania/Australia, where I produced Pt. 2 and 3 of the "Spy Station Special". Because of postal problems, the stations doesn't have the cassette yet! It's really a great pity, but

1. I asked the post about the reasons, why it's still not there, and
2. if it's not there till mid-March, I'll produce a new version, but this time HRI shall get a digital one, which I can send to our Australian E2K member Rob, who's working at the station. So hopefully, the program can be sent at the end of March. – "grrr Deutsche Post!"

In April, the BBC will transmit a program about numbers stations. For this program, some people of our movement will be interviewed, such as Paul, the E2K moderator, Simon Mason and "the Kopf". Akin Fernandez from Conet is in contact with the BBC journalists, who also emailed me. It's planned, that someone from BBC comes to Germany and interviews me at my home QTH, because of my big archive of numbers stations. But also here there are difficulties: Akin told me, that it could be difficult to fly to Germany for the BBC people because of the costs. But in the first March week, I'll get new information by Akin, what's happening. Hopefully it can be worked out with a "trip" to Germany, because it would be a very interesting program – not only I say that, but especially Akin. – Keep your fingers crossed!

Logs, events and monitorings in February

We beginn with an X06-station, which was heard in the early February at one day (not sure about the date, it could be Feb 8) at 0800 UTC. It was a very long transmission, which came on a freq between 7500 and 8000 kHz. Because the signal was too weak to record and I couldn't find out the freq because of this weakness (it was only receivable for me on the SABA recorder, not on the Sony receiver), I didn't report the group about it. But thanks to Sandra from Germany, who phoned me to inform me about this X06 catch; she's the youngest of my X06 assistants.

E10: Also in these days (concretely on Feb 8), Israel and the Palestinians worked out a cease fire in the Egypt city of Sham el Sheich. In these days many anomalies were monitored on the usual E10 freqs, which else transmit "dummy traffic" like "VLB2", "SYN2", "CIO2" or string msgs. But in the evening of Feb 8, many of us could monitor real group msgs (21 groups for "VLB", "SYN" and "CIO". "SYN" was audible – very loud and clear here in Germany – on 6930, "VLB" on 6370/4360 and "CIO" on 4165 kHz. These discoveries were VERY interesting for us, and we were thinking about any conclusion between the cease fire agreement and these messages. For myself I can say, that I am not sure, if it's really the first time to discover real group messages with the Ids "SYN", "VLB" or "CIO". It could also be, that in my big cassette archive there is some recording also with such msgs. This time I was not fast enough to record these 21 group msgs.

In the following days, the usual "SYN2", "VLB2" and "CIO2" transmissions were heard VERY often on the usual freqs, and not only 5 minutes long from H+45 till H+50, but whole hours long. For example on Feb 20, "SYN2" was VERY long on air. KopfE2Kde monitored and recorded it from around 1900 till 2100 UTC, DanielE2Kde on Feb 21 from 0100 on. Also reported by him one day later (Feb 22) on 2330, this time only with a few single "SYN2" calls. This was also reported from other hobbyfriends out of Germany, who sent it via group. I got the 6930 SYN2 signal loud and clear, Daniel's signal was often very weak.

XP: The most skeds of February can be confirmed by KopfE2Kde, who often recorded them – as usual with a very good signal (S9+).

Two further voice station logs: DirkE2Kde, Schluechtern, reported, that he heard V2 (or V2A) on 3927 kHz in DSB on Feb 16, around 0400 UTC, but in progress. It ended with "Final final final", so that we could find out, that it was one of the Cuban stations.

DanielE2Kde, Muenster, reported a G06 on Feb 20, 2200 AM in progress. The msg ended at 2208. Freq: 4440.

Morse stations from Switzerland

At the end of this report, here is a long, long list of Morse loggings, made by our new correspondent FritzE2Kch, Zuerich. He's especially monitoring the Morse stations, but very often, how the list will show you:

Logs January / February 2005

Freq	Date	Time	Comment
------	------	------	---------

M03

7317	daily	0915z	284/00
4181	daily	1630z	287/00
10384	13.1.	1000z	976/00
4909	21.1.	0730z	040/00
4909	21.1.	0800z	041/00
9443	21.1.	1100z	508/00
6480	27.1.	0900z	011/00
4958	1.2.	0815z	211/00
9443	4.2.	1100z	508/00
11486	22.2.	0745z	503/00
4958	22.2.	0815z	211/00

M10 [See also Slavic Desk].

4485//6758	16.1.	1610z	833/38	112/40
4031	16.1.	1630z	049/28	435/38 571/45
4485//6758	17.1.	1610z	833/38	112/40
4031//6764	17.1.	1630z	571/32	275/17 049/28 435/38
3523//5301	17.1.	1700z	602/26	020/41
5946	18.1.	1640z	800/38	484/32
4031//6764	19.1.	1630z	571/32	275/17 049/28 435/38
11416	20.1.	1530z	055/28	171/25
4958	20.1.	1720z	784/35	
5471	20.1.	1800z	407/41	
11416	21.1.	1440z	171/15	055/28
11416	21.1.	1530z	171/15	055/28
4031//6764	23.1.	1630z	571/36	275/24 049/34 435/42
5471	23.1.	1800z	407/31	
3809//5860	23.1.	1920z	149/31	972/46
4031	26.1.	1630z	571/36	275/24 049/32 435/42
5946	27.1.	0800z	252/20	
4031	30.1.	1630z	571/25	275/30 049/35 435/21
9985//14978	31.1.	1410z	261/27	531/42
4031//6764	31.1.	1630z	571/25	275/30 049/35 435/21
5946	1.2.	1640z	288/41	122/30
14978	2.2.	0840z	045/22	031/25
4031	2.2.	1630z	571/25	275/30 049/35 435/21
3523//4007	2.2.	2100z	436/30	210/20
11416	3.2.	1530z	488/28	177/32
4958	4.2.	1720z	678/31	
4031	5.2.	1630z	571/41	049/26 435/28 275/17
4485//6758	6.2.	1610z	774/41	183/32
4031	6.2.	1630z	571/41	275/17 049/26 435/28
9985//14978	7.2.	1410z	713/32	956/37
4485	7.2.	1610z	774/41	183/32
4031//6764	7.2.	1630z	571/41	275/17 049/26 435/28
3523//5301	7.2.	1700z	341/23	372/30
3523	7.2.	2100z	782/34	937/36
4031//6764	9.2.	1630z	571/41	275/17 049/26 435/28
3523//4007	9.2.	2100z	782/34	937/36
5946	10.2.	0800z	688/30	195/26
5946	10.2.	1700z	688/30	195/26
4958	10.2.	1720z	847/25	
3631	10.2.	1800z	616/35	
4031//6764	12.2.	1630z	571/19	275/26 049/35 435/33
9165	15.2.	1640z	321/37	879/34
14978	16.2.	0840	688/36	337/39
3523//4007	16.2.	2100z	565/31	843/22
11416	17.2.	1530z	846/41	763/28
11416	18.2.	1530z	846/41	763/28
4031//6764	19.2.	1630z	571/25	275/32 049/37 435/21
4485//6758	20.2.	1610z	374/31	783/30
4031//6764	20.2.	1630z	571/25	275/32 049/37 435/21
9985//14978	21.2.	1410z	032/21	588/37
4485//6758	21.2.	1610z	374/31	783/30
4031//6764	21.2.	1630z	571/25	275/32 049/37 435/21
3523//5301	21.2.	1700z	243/23	334/21
3809//5860	21.2.	1920z	449/33	837/23
3523//4007	21.2.	2100z	385/35	924/40
3523//5301	22.2.	1700z	243/23	334/21
12295	23.2.	0830z	633/24	427/41

M12

13384	15.1.	1520z	431 431 431 1 R2 4807 145 4807 145
5788	19.1.	1640z	462 462 462 1 R2 4142 87 4142 87
5308	26.1.	2020z	480 480 480 1 R2 862 255 862 255
7657	31.1.	1720z	749 749 749 1 R2 5868 142 5868 142
8173	31.1.	1740z	749 749 749 1 R2 5868 142 5868 142
8173	1.2.	1740z	739 739 739 1 R2 6794 141 6794 141
5876	1.2.	2020z	263 263 263 1 R2 645 49 645 49
5247	1.2.	2040z	263 263 263 1 R2 645 49 645 49
6856	2.2.	1620z	462 462 462 1 R2 1371 96 1371 96
6782	4.2.	1700z	749 749 749 1 R2 6895 140 6895 140
7656	4.2.	1720z	749 749 749 1 R2 6895 140 6895 140
5878	4.2.	2020z	263 263 263 000 R5
13384	5.2.	1540z	853 853 853 1 R2 396 165 396 165
14646	7.2.	0710z	146 146 146 1 R2 747 87 747 87
14522	7.2.	1520z	853 853 853 1 R2 396 165 396 165
13384	7.2.	1540z	853 853 853 1 R2 396 165 396 165
5878	9.2.	2020z	989 989 989 000 R5
14646	10.2.	0710z	146 146 146 1 R2 180 93 180 93
6782	11.2.	2000z	263 263 263 1 R2 259 115 259 115
5876	11.2.	2020z	263 263 263 1 R2 259 115 259 115
6782	15.2.	2000z	263 263 263 1 R2 259 115 259 115
5274	15.2.	2040z	263 263 263 1 R2 259 115 259 115
8084	16.2.	1600z	462 462 462 1 R2 1816 143 1816 143
6856	16.2.	1620z	462 462 462 1 R2 1816 143 1816 143
6782	16.2.	1700z	749 749 749 1 R2 1816 143 1816 143
7657	16.2.	1720z	749 749 749 1 R2 1816 143 1816 143
14646	17.2.	0710z	146 146 146 1 R2 195 71 195 71
6782	18.2.	2000z	263 263 263 1 R2 259 115 259 115
5876	18.2.	2020z	263 263 263 1 R2 259 115 259 115
13384	19.2.	1520z	853 853 853 1 R2 2793 145 2793 145
14522	19.2.	1540z	853 853 853 1 R2 2793 145 2793 145
14522	21.2.	1520z	853 853 853 1 R2 2793 145 2793 145
13384	21.2.	1540z	853 853 853 1 R2 2793 145 2793 145
7657	21.2.	1720z	749 749 749 1 R2 1823 141 1823 141
8173	21.2.	1740z	749 749 749 1 R2 1823 141 1823 141
5878	23.2.	2020z	989 989 989 000 R5

M18

3803	7.2.	1940z	4FG rptd (UTC+3)
------	------	-------	------------------

M21

January

4951.5	1.1.	1650z	ID 0
3322	3.1.	1955z	ID 0
3801	3.1.	2030z	ID 0
5198	7.1.	1950z	ID 0
5873	8.1.	1550z	ID 0
5918.5	8.1.	1547z	ID 5 = 99?1846?5?????
2219.5	14.1.	2004z	ID 0
4098	25.1.	2131z	ID 0

February

4951.5	1.2.	1535z	ID 0
3322	1.2.	2020z	ID 0
5873	2.2.	2016z	ID 0
3801	2.2.	2020z	ID 0
5104	4.2.	1930z	ID 0
6823.5	15.2.	1625z	ID 0
2219.5	16.2.	2055z	ID 0
5445.5	17.2.	1650z	ID 0
4865.5	23.2.	2010z	ID 0
5198	23.2.	2054z	ID 0
5372	23.2.	2100z	ID 8

M51

4029.5	5426	5345.5	5797.5	Week 1				
4527	5129	5740	4551.5	5479	5435.5	Week 2		
5426	8128	5318.5	5420	Week 3				
4440	5309	5757	6983	9063	Week 4			
7792	8153	5333	6945.5	4897.5	4471	5475	4752	Week 5
7537.5	3374.5	4471	4752	Week 6				
5850	5893	Week 7						
6825(not FAV22)	5373	7317.5	5824.5	Week 8				

[Note: This station was also reported by Thomas R. in Bielefeld/Germany on Feb 21 in the daytime on different 5 MHz channels (at least 5267.5 and 5345 kHz), as he reported to the Spooks list. – Kopf]

M62

3486 1.1....10.1. 24/7 FSK B3ET B3ET B3ET = RNJ5 RNJ5 RNJ5 +
11.1....20.1. 24/7 FSK J7XD J7XD J7XD = D3QK D3QK D3QK +
21.1....(31.1.) 24/7 FSK QR2U QR2U QR2U = KP6F KP6F KP6F +
1.2....10.2. 24/7 FSK B3ET B3ET B3ET = RNJ5 RNJ5 RNJ5 +
11.2....20.2. 24/7 FSK J7XD J7XD J7XD = D3QK D3QK D3QK +
21.2....(28.2.) 24/7 FSK QR2U QR2U QR2U = KP6F KP6F KP6F +

Messages: rare, 16.2. 0705z == for A7KR A3T3 = hzw3 bfz3 412 385 004
17.2. 0725z == QSA2

M89

5636.5 6.1. 1615z v GM3Z GM3Z GM3Z de PNW9 PNW9 PNW9
5243.5 14.1. 1625z v JAH3 JAH3 JAH3 de CI4W CI4W CI4W
5756 15.1. 1700z v BFR7 BFR7 BFR7 de 4XML 4XML 4XML

MX Beacons

3166.8 P 9.2. Kaliningrad
3699.5 P 9.2.
4043 P 9.2.
4050.8 P 11.2.
2303.8 L 3.1. Tirana
4424.8 L 12.1.
4325.8 R 2.2. Izhevsk
5465.8 R 13.1.

Clusters

4557.7 D 23.2. Sevastopol
7038.7 D 23.2.
8494.7 D 21.2.
10971.7 D 22.2.
13527.7 D 21.2.
16331.7 D 22.2.
4557.8 P 23.2. Kaliningrad
5153.8 P 11.2.
8494.8 P 21.2.
13527.8 P 21.2.
16331.8 P 21.2.
5154 C 27.1. Moscow
7039 C 27.1.
8495 C 27.1.
10872 C 27.1.
13528 C 1.2.
16332 C 27.1.
20048 C 27.1.
8495.2 F 13.1. Vladivostok
7038.9 S 9.2. Arkhangelsk
10871.9 S 9.2.
13527.9 S 27.1.
16331.9 S 15.2.
20047.9 S 27.1.
8495.5 M 15.2. Magadan

Many thanks to FritzE2Kch to this long list of Morse loggings. Also many thanks to the other correspondents for their work.

Until the next report, "Auf Wiedersehen" and "good-bye" Jochen Schäfer, the "Kopf" of E2K's German Branch [Tnx Jochen]!

PLEASE NOTE ALL GERMAN BRANCH LOGS SHOULD BE READ IN CONJUNCTION WITH ANY WRITE UP ON A PARTICULAR STATION THAT APPEARS IN THE BODY OF THE NEWSLETTER.

Jamming!

Before we move onto the Voice Stations we include this little snippet from J6m [10/01/05]:

Ukraine has denied allegations of the Voice of Russia regarding jamming. According to Ukrainian authorities, interferences were caused by a transmitter near Kiev which had no authorisation (thus discharging themselves from any involvement). VOR is not that satisfied with those explanations and asks for further explanations. (Heard on Radio Budapest FF DX programme on Sundays 2110z on 6025 kHz)

Poor Conditions mid-January.

On or around 17/18January a massive CME was responsible for poor conditions across the SW spectrum. DoK reported a lift on HF and heard VK's and ZL's being worked as he looked for the 14/15MHz M10 stations. There were other stations calling CQ Pacific also. PLondon was unable to take part in the 'FARAWAYSTATIONFEST' organised courtesy of nature herself, as his transmitter is at work with him for a little tender loving care. However to show the depth of the negative side caused by the CME look at: http://news.xinhuanet.com/english/2005-01/21/content_2491819.htm
This interesting piece, "Solar storm interrupts China's short-wave radio transmission" was sent in by J6m [Tnx].

VOICE STATIONS

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.

Whilst on the subject of E03/E03a, HJH wrote a splendid reminder as to why some of us are as we are [Message 4286 - Group]:
"There is another reason which you may wish to consider. All you say is true, regarding the almost total security of the enciphering system, which we are considering. Equally true is that we are by no means certain about the identity and national origins of many. About E03 we can be fairly sure, and for some others.

"I know for a fact that one of our editors/moderators, along with some others, myself included, have seen service with the Armed forces of UK. That alone stops us from wishing to discuss these stations. It's a case of old soldiers never die, they always smell like that!"[Tnx HJH – *anyone remember the 'squaddie wash'?* A can of deodorant applied to all the offensive parts: *'You smell like a tart's k*****s! And your soap's filthy - how did that happen you dirty specimen? That was an invention of my Sgt Brett, he claims*].

E06

PoSW offers some insight into this stations transmissions:

15-Dec-04, Wednesday;- 2202 UTC, 4,780 KHz, E06 with call-up in progress when found, "680", then "951 951 43 43", very strong signal with lower sideband well suppressed.

16-Dec-04, Thursday;- 2200 UTC, 4,770 KHz, a repeat of yesterday's "680" and "951 951 43 43", 10 KHz lower.

11-Jan-05, Tuesday;- 2000 UTC, 7,650 KHz, first E06 found this year, "471 471 471 00000", strength S7, lower sideband well suppressed.

28-Jan-05, Friday;- 2020 UTC, 6,847 KHz, calling "143", DK/GC "752 752 96 96", carrier with tone was noted just before 2000z. Very strong signal at first, became weaker around 2035z and was down to S6 by 2039z. Ended after 2040z with DKDK GCGC and "00000". Lower sideband well suppressed.

2120 UTC, 5,193 KHz, repeat of "143" and "752 752 96 96", strong signal.

There does not seem to have been much E06 activity so far this year but no doubt this schedule has also been running on previous Fridays in January.

2-Feb-05, Wednesday;- 2200 UTC, 5,439 KHz, "138 138 138 00000", S9 signal, carrier was up at 2144z on 5,450 KHz, on same frequency as RAF Volmet and doing a fine job of carrier insertion for that SSB station rendering copy audible in AM mode for a short while, then QSYd to 5,439.

6-Feb-05, Sunday;- 1830 UTC, 5,380 KHz, "690 690 690 00000", this "690" was a weekly Sunday schedule in 2004, certainly from April onwards when I first became aware of it. I couldn't find it in January this year - although I didn't search too hard! - but here it was with a strong signal, lower sideband well suppressed.

1930 UTC, 4,465 KHz, repeat of "690 690 690 00000", strong signal, slight QRM from an E10 YL in full flow on 4,461.

12-Feb-05, Saturday;- 2200 UTC, 6,790 KHz, "567 567 567 00000", strength S7 to S8, lower sideband well suppressed, carrier with tone was up at 2139z with a single spoken "567" a couple of minutes later.

13-Feb-05, Sunday;- 1830 UTC, 5,380 KHz and 1930 UTC, 4,465 KHz;- "690 690 690 00000".

Onto others logs:

4836kHz 2030z 06/01[321]AF

RNGB's E06 log illustrates some January and February activity:

5th Jan	2100	6845	'403' 00000
	2200	5260	'403' 00000
9th	1830	5820	'690' 00000
	1930	4570	'690' 00000
12th	1500	10185	ID ? ended 375 129 00000
20th	2030	4836	'321' 569 38 84546 etc
21st	2130	4760	'472' 569 38 84546 etc (same msg but different ID)
27th	2120	5193	ID ? ended 752 96 00000
	2200	4480	'812' 00000
28th	2133	5193	msg in progress , ended 45527 752 96 00000 (2120 start ?)
2nd Feb	1405	12205	'457' 00000
	1505	10190	'457' repeat
	2100	6941	'138' 00000
	2200	5439	'138' repeat
3rd	2030	4836	'321' 874 36 61410 etc (all read slowly)
10th	1500	12182	'307' 628 149 20975 etc
	1600	10182	'307' repeat

Other February logs show more activity:

4465kHz 1930z	06/02[690 00000]IW
1930z	13/02[690 00000]IW
5380kHz 1830z	06/02[690 00000]E
12182kHz 1500z	23/02 – long msg finishes 1530z, [Wks 1&2 used 10190kHz] Gert

E07

Schedules known to be operating are the usual Monday + Wednesday starting at 2100z and Thursday starting at 2110z which use the same frequencies as in the same month in previous years, see Gert's prediction lists. Also, the Sunday + Wednesday schedule starting at 1800z which does not follow this routine. The low mod. problem making for difficult copy despite a strong carrier is still noted quite frequently. Has anyone logged the Wednesday + Friday starting at 0610z recently? I have listened for the second sending after 0630z on a few occasions but failed to find it, although a two-minute "000" is easily missed if one is a bit late up in the morning!

Monday + Wednesday Schedule:-

10-Jan-05, Monday:- 2100 UTC, 6,964 KHz, "981 981 981 000".
2120 UTC, 5,888 KHz, "981 981 981 000" again, heterodyne from a broadcast station, removed by using the receiver in LSB mode.
12-Jan-05, Wednesday, 2100 UTC, 6,964 KHz and 2120 UTC, 5,899 KHz, both transmissions with much deeper modulation than usual, "981 981 981 000".
26-Jan-05, Wednesday:- 2000 UTC, 6,964 KHz, "981 981 981 1", DK/GC "1018 47" x 2, low mod., difficult copy.
2020 UTC, 5,899 KHz, second sending, low mod, only just able to make out the call.
2040 UTC, 5,103 KHz, "981" and "1018 47", third sending, strong signal and by far the best modulation and best copy of the three sendings.
2-Feb-05, Wednesday:- 2120 UTC, 6,732 KHz, "970 970 970 1", DK/GC "168 40" x 2, second sending, same frequency as in Feb. last year, first sending at 2100z should be 7,918 KHz.
2140 UTC, 5,089 KHz, "970" and "168 40", third sending, strong signal and good modulation.
7-Feb-05, Monday:- 2100 UTC, 7,918 KHz, "970 970 970 000", weak signal + low mod., difficult copy.
2120 UTC, 6,732 KHz, "970 970 970 000" again, also a weak signal.
9-Feb-05, Wednesday:- 2020 UTC, 6,732 KHz, "970 970 970 000", good signal and reasonable mod., much better than when heard on Monday.

Thursday Schedule:-

16-Dec-04, 2110 UTC, 5,842 KHz, "491 491 491 1", DK/GC "138 55" x 2, low mod.
2130 UTC, 5,196 KHz, "491" and "138 55", second sending, low mod.
2150 UTC, 4,512 KHz, third sending flattened by one of those strong roaring QRM generators of which there are dozens all over the shortwave bands.

6-Jan-05, 2110 UTC, 5,925 KHz, as per Gert's prediction list in E2K 26, unreadable due to low mod.
2130 UTC, 5,076 KHz, "273 273 273 1", DK/GC "7767 32" x 2, much better copy than first sending, unable to find third sending at 2150z, not shown in the prediction list and I couldn't find it Jan last year either.
13-Jan-05, 2110 UTC, 5,925 KHz, "273 273 273 000", difficult copy due to low mod. and interference from broadcast station.
2130 UTC, 5,076 KHz, second sending, much better signal than first sending.
20-Jan-05, 2130 UTC, 5,076 KHz, "273 273 273 000", strong signal with reasonable mod, no problem in copying.
First sending on 5,925 was unreadable due to low mod.

3-Feb-05, 2110 UTC, 6,873 KHz, "737 737 737 000", S9 signal with reasonable mod.
2130 UTC, 5,932 KHz, second sending, almost unreadable due to very strong broadcast station on 5,930, Radio Prague in Spanish.
10-Feb-05, 2110 UTC, 6,873 KHz, "737 737 737 000", low mod. but readable.
17-Feb-05, 2110 UTC, 6,873 KHz, "737 737 737 000".

Sunday + Wednesday Schedule:-

15-Dec-04, Wednesday:- 1800 UTC, 6,982 KHz, "989 989 989 1", DC/GC "196 148" x 2, low mod, difficult copy, QRM from FSK on LF side.

1824 UTC, 5,836 KHz, second sending in progress, very low mod.

1840 UTC, 4,938 KHz, "989" and "196 148", third sending, best of the three.

9-Jan-05, Sunday:- 1820 UTC, 5,836 KHz, "788 788 788 000", carrier noted a few minutes earlier inside 49 metre broadcast band, mod. not too bad. Second sending, same frequency as in December but different call; frequency related "788" suggests the first sending might be 6,7XX KHz.
16-Jan-05, Sunday:- 1800 UTC, 6,774 KHz, first sending found as expected, "788 788 788 000", reasonable mod.
1820 KHz, 5,836 KHz, "788 788 788 000", second sending.
23-Jan-05, Sunday:- 1800 UTC, 6,774 KHz, "788 788 788 1", DK/GC "174 89" (?) x 2, difficult copy.
1826 UTC, 5,836 KHz, second sending in progress, difficult copy.
1840 UTC, 4,893 KHz, "788" and "174 89", third sending with mod. just as low as the first two.
2-Feb-05, Wednesday:- 1800 UTC, 7,697 KHz, new frequencies for February, "689 689 689 1", DK/GC "291 180" x 2, long message this evening, did not end until after 1820z.
1826 UTC, 6,863 KHz, "689" and "291 180", second sending.
1853 UTC, 5,938 KHz, third sending in progress, severe BC QRM.
6-Feb-05, Sunday:- 1800 UTC, 7,697 KHz, "689" and "291 180", as on Sunday, ended 1820 and 40 seconds UTC, low mod.

1826 UTC, 6,863 KHz, second sending, low mod., third sending on 5,938 unreadable due to low mod. and BC QRM.
13-Feb-05, Sunday:- 1800 UTC, 7,697 KHz, "689 689 689 1", DK/GC "593 85" x 2.
1820 UTC, 6,863 KHz, second sending, 1840 UTC, 5,938 KHz unreadable due to BC QRM [Txn PoSW]

Now onto logs of this station, supporting Peter's analysis:

E07 in time order heard Monday [January 2005]:

6944kHz 2100z	10/01[end 21.02z, "981 981 981 000" R]MoK
2100z	17/01[981AM, poor]MoK and AF
5899kHz 2120z	10/01[end 21.22z u/r under BC but there]MoK
2120z	17/01[NRH b/c QRM]ML
2120z	31/01[981 1 ...]AF
5103kHz 2140z	10/01[No TX, null mssg]MoK
2140z	17/01[981good]ML
2140z	31/01[981 1 168 40 71062 ...]AF

Other logs:

4634kHz 2150z	06/01[273:1-7767/32= 17852] (hfd)
5076kHz 2130z	06/01[273:1-7767/32= 17852](hfd)
5103kHz 2140z	31/01[981:0-168/40=71062] (hfd)
5899kHz 2120z	31/01[981:0-168/40=71062](hfd)
6964kHz 2100z	10/01[981:0] (hfd)
2100z	31/01[981:1-168/40=71062] (hfd)

Of the 10th intercepts MoK remarks, "Has anyone remarked on the voice ?. This was a deep voiced YL, or somewhat effeminate OM !!. Quite good mod, for a change.

Noting that propagation has been very bad this month for E07 RNGB offers:

4893kHz 1840z	02/01['788' (msg not copied)]
5076kHz 2130z	13/01['273' 000]
5836kHz 1820z	09/01['788' 000]
5925kHz 2110z	13/01['273' 000]
6774kHz 1800z	12/01['788' 000]
6964kHz 2100z	05/01['981' 000]

The Monday night February schedule was [in time order]:

7918KHz 2100z	14/02[a S5 signal with heavy QRM]IW
6732KHz 2120z	14/02[a nice S6 signal with just a little light QRM]IW
5089KHz 2140z	14/02 NRH IW

and RNGB offer for February:

2nd Feb [Mon Sched]	2100	7918	'970' 168 40 71062 etc [Also hrd BM/GD null msg, 970 000 on 23/02]
	2120	6732	'970' repeat
	2140	5089	'970' repeat
3rd	2110	6873	'737' 000
	2130	5932	'737' 000
13th	1800	7697	'689' 1 msg (not copied)
	1820	6863	'689' repeat
	1840	5938	'689' repeat (under heavy QRM)

E offers a Sunday sending:

7697kHz 1805z	06/02 E
---------------	---------

E10

From Bob our E10 operative we present:

E10 Desk For Jan 05

Frequencies and calls

3360	KPA2
3557	MIW2
3640	SYN2
4015	SYN2 * SYN7
4165	CIO2
4270	PCD2
4360	VLB2
4461	FTJ * FTJ2
4560	YHF
4880	ULX * ULX2
5091	JSR
5820	YHF
6270	ULX2 * ULX
6370	VLB2 * VLB52A * VLB7 * VLB542X118X0115Z7 * VLB59
6498	PCD * PCD2
6840	EZI
6912	CIO2
6930	SYN2 * SYN66 * SYN541B * SYN75 * SYN7 * SYN5425 * SYN59
7540	JSR
7605	YHF
7760	ULX2 * ULX
7918	YHF
9130	EZI

Jan 05

1/1 2145 4165 CIO2
1/1 2145 3640 + 4015 + 6930 SYN2
1/1 2145 6370 VLB2
2/1 2230 5091 JSR
2/1 2245 4165 CIO2
2/1 2245 4015 + 6930 SYN2 (Extended call as at 0025hrs 3/1)
2/1 2245 4360 + 6370 VLB2
2/1 2300 4880 ULX
3/1 1945 4015 + 6930 SYN2 (Extended call ended 2050 hrs)
4/1 0440 6930 SYN66 (Logged by Tom H)
4/1 2230 6498 PCD2
4/1 2245 6930 SYN2
4/1 2330 9130 EZI
4/1 2345 6370 VLB2
4/1 2345 6930 SYN2
5/1 2045 4165 CIO2
5/1 2045 4360 + 6370 VLB2
5/1 2045 6930 SYN2
6/1 2030 7540 JSR G84 SHRHZ
6/1 2030 6270 ULX
6/1 2030 4560 YHF
6/1 2045 6930 SYN2
6/1 2045 4360 + 6370 VLB2
6/1 2100 4461 FTJ G59 LEYJR
6/1 2100 6498 PCD
6/1 2100 4880 ULX
6/1 2100 5820 YHF
7/1 1545 6930 SYN2
7/1 1545 6370 VLB2
7/1 2230 4880 ULX2
7/1 2230 4270 + 6498 PCD2
7/1 2230 9130 EZI
7/1 2245 4165 CIO2
7/1 2245 3640 + 4015 + 6930 SYN2
7/1 2245 6370 VLB2
7/1 2300 6270 ULX G56 N?AUM
7/1 2300 3150 + 4270 PCD2
11/1 1945 4360 + 6370 VLB2
11/1 1945 6390 SYN2
11/1 2000 4270 PCD2
11/1 2245 4165 CIO2
11/1 2245 4015 + 6930 SYN2
11/1 2245 4360 + 6370 VLB2
11/1 2315 3557 MIW2
12/1 2130 6840 EZI
12/1 2200 6270 ULX2
12/1 2245 3640 + 4015 + 6930 SYN2
12/1 2245 4360 + 6370 VLB2
12/1 2245 4165 CIO2
15/1 2130 6840 EZI G26 PLYAN
15/1 2145 4165 CIO2
15/1 2145 6930 SYN2
15/1 2145 4360 + 6370 VLB2
18/1 1945 6370 VLB2
18/1 1945 6930 SYN2
18/1 2215 3557 MIW2
21/1 1545 6930 SYN2
21/1 1545 6370 VLB2
23/1 2036 6370 VLB2 (extended call ended at 2050 hrs)
24/1 2022 6370 VLB2 (As Above ending at 2050hrs)
24/1 2045 6930 SYN2
24/1 2100 6498 PCD G139
25/1 1520 6930 SYN541B
25/1 1620 6370 VLB52A
25/1 1640 6370 VLB2
25/1 1815 6930 SYN75
25/1 1910 6930 SYN2
25/1 2225 6370 VLB7
25/1 2225 6930 + 4015 SYN7
25/1 2310 6370 VLB542X118X0115Z7
25/1 2336 6930 SYN2
25/1 2337 6370 VLB2
26/1 0024 6930 SYN5425
26/1 0201 6370 VLB59 (ended transmission between 0300 & 0310
26/1 0201 6930 SYN59 (ended transmission between 0300 & 0310
27/1 1645 6930 SYN2
27/1 1645 6370 VLB2
28/1 2037 4560 YHF
28/1 2037 9130 + 6840 EZI

28/1 2315 3557 MIW2
 29/1 0045 4165 CIO2
 29/1 0045 6930 SYN2
 29/1 0045 6370 VLB2
 29/1 0100 4461 FTJ2
 29/1 0100 6270 ULX G56 YYIRD
 30/1 2315 3557 MIW2
 30/1 2315 3360 KPA2
 31/1 0045 4015 + 6930 SYN2
 31/1 0045 4165 CIO2
 31/1 0045 4360 + 6370 VLB2
 31/1 0100 6270 + 7760 ULX G56 YYIRD (repeat of 29/1)

Comments

Ref SYN66. I was listening to SYN2 on 6930 & 4015 at 2245hrs on the 2 Jan and the call was still ongoing at 0025hrs on the 3 Jan when I packed up listening. However at 1945hrs later that evening SYN2 was on the air as expected and again extended its call to 2050hrs where it stopped or faded into the high noise background. It is possible that SYN2 had infact transmitted for over a 24hr period. and from previous experience when this happens there is a change of call at some stage ie your SYN66. Should this indicate some activity to happen in an area one can only guess. Many thanks Tom H
 In the main signal strengths have been weak, against a background of noise/static for the majority of letter/number stations being received at my location here in Kent. Except at 2245 hrs for SYN2 on frequency 6930 which is very clear and almost noise free infact booming through, compared to its sister frequency 4015 which is broadcasting at that same time and is struggling to be heard. Infact SYN2 & VLB2 have been the strongest and clearest signals sofar this month at the times recorded. Conditions have made picking up KPA2 non-existant and only twice for MIW in all a pretty dismal record

SYN has spoken. Yes indeed, this was heard and reported by Tom USA on the 22 Jan 05 at 0045hrs on the freq of 6930, a **group 27 message.** One of those rare occurances which has not come my way. The last time I heard SYN was on the 10th of Sept 02 but with no group message (Thanks to Tom USA)

25 Jan 02.

SYN541B on freq 6930 at 1520hrs. Followed by **VLB52A** on 6370 at 1620hrs. (After 40 mins this changed to VLB2)
 After about 3hrs **SYN541B** changed to **SYN75** and 1hr later to SYN2.
 At 2225hrs SYN2 & VLB2 changed their calls to **SYN7 & VLB7**. A Further change from **VLB7** to **VLB542X118X0115Z7** at apprx 2310hrs. and then back to VLB2 & SYN2 at 2336hrs SYN2 then again changed its call to **SYN5425** at 0024hrs on the 26/1. Once again both changed to **SYN59 & VLB59** at 0201hrs and ending transmission at 0310hrs on the 26/1I hope you all can follow that if not try the log above.....And now to bed.

26 Jan to 31 Jan 05

All calls now would appear to have reverted back to the standard transmissions SYN2 & VLB2 and both stations are booming through during the late evening, CIO2 is there but very weak and KPA2 & MIW2 are very spadmodic infact I have only heard KPA2 once this month

Feb 05

Frequencies and calls

2626	VLB2
3150	PCD * PCD2
3230	VLB2
3360	KPA2
3557	MIW2
3640	SYN2 * SYN
3840	YHF
4015	SYN2 * SYN
4165	CIO2 * CIO
4360	VLB2 * VLB
4461	FTJ * FTJ2
4560	YHF * YHF2
4780	MIW2
4880	ULX2 * ULX
5091	JSR
5435	ART2
5820	YHF * YHF2
6210	FDU2
6270	ULX * ULX2
6370	VLB2 * VLB * VLB2-Z58
6498	PCD2
6840	EZI
6912	CIO2
6930	SYN2 * SYN
7358	FTJ
7540	JSR
7760	ULX
8805	PCD2
9130	EZI2

Feb 05

1/2 2245 6370 VLB2
 1/2 2245 6930 SYN2
 3/2 2030 4560 YHF
 3/2 2300 6270 ULX G53 VSQMN

3/2 2315 3360 KPA2
 4/2 0100 6270 + 7760 ULX
 4/2 0130 9130 EZI2
 4/2 0130 5820 YHF G21 UVEFT
 4/2 0145 4015 + 6930 SYN2
 4/2 0145 6370 VLB2
 4/2 0145 4165 CIO2
 4/2 2315 3557 MIW2
 4/2 2315 3360 KPA2
 4/2 2330 3150 PCD G40
 4/2 2330 6840 EZI G52 VTFIM
 4/2 2345 4165 CIO2
 4/2 2345 4360 + 6370 VLB2
 4/2 2345 6930 SYN2
 5/2 2030 4461 FTJ G24 PDLPX
 5/2 2030 6840 EZI G109 MWNWA
 5/2 2115 3360 KPA2
 5/2 2115 3557 MIW2
 5/2 2130 6498 PCD2
 5/2 2145 3640 + 6930 SYN2
 5/2 2145 6370 VLB2
 5/2 2200 5435 ART2
 7/2 1945 3640 + 4015 + 6930 SYN21 Ended 2250hrs
 7/2 1945 4360 + 6370 VLB2 Ended 2250hrs
 7/2 1945 4165 CIO2 Ended 2250hrs
 7/2 2015 3557 MIW2
 7/2 2315 3360 KPA2
 7/2 2315 3557 + 4780 MIW2
 7/2 2345 3230 + 6370 VLB2
 7/2 2345 6930 SYN2
 7/2 2345 4165 CIO2
 8/2 1745 4360 + 6370 VLB G21 EIJSN
 8/2 1745 3640 + 4015 + 6930 SYN G21 EEXTG { All three extended calls over three hrs}
 8/2 1745 4165 CIO G21 CTCUD
 8/2 1830 4880 ULX2
 8/2 2230 6498 PCD2
 8/2 2245 6930 SYN2
 8/2 2245 6370 VLB2
 8/2 2245 4165 COI2
 8/2 2315 3360 KPA2
 8/2 2315 4780 MIW2
 10/2 0100 6270 + 7760 ULX G56 YYIRD Repeat of 29/1/05
 10/2 2245 4015 SYN2 5 mins transmission no message
 10/2 2300 6270 ULX G53
 10/2 2345 6370 VLB2
 10/2 2345 6930 SYN2
 11/2 1845 6370 VLB2 Ended at 2251hrs
 11/2 1845 6930 SYN2 Ended at 2251hrs
 12/2 2130 6930 SYN2 Ended at 2250hrs
 12/2 2130 6370 VLB2 Ended at 2251hrs
 13/2 1945 6390 SYN2
 13/2 1945 6370 VLB2
 13/2 2330 9130 EZI G52 VTFIM
 14/2 2300 3150 PCD2
 14/2 2300 4461 FTJ2
 14/2 2300 4560 YHF2
 14/2 2315 4780 MIW2
 14/2 2345 4015 + 6930 SYN2
 14/2 2345 4165 CIO2
 14/2 2345 6370 VLB2
 15/2 2145 6370 VLB2 Ended 2251hrs
 15/2 2145 6930 SYN2 Ended 2251hrs
 16/2 0535 6370 VLB2-Z58
 16/2 0535 6930 SYN2
 16/2 1500 8805 PCD2
 16/2 1900 6270 ULX2
 16/2 1900 5820 YHF G22
 16/2 2245 6930 SYN2
 16/2 2245 6370 VLB2
 17/2 0545 6912 COI2 Faded into background noise 0610hrs
 17/2 0545 6930 SYN2 On going 0705hrs
 17/2 0545 6370 VLB2 On going 0630hrs Lost in noise
 17/2 0615 7445 MIW2
 18/2 2200 5091 JSR
 19/2 0100 7760 + 6270 ULX G56 YYIRD Repeat of 29/1/05
 19/2 0115 3557 + 4780 MIW2
 19/2 0145 3640 + 4015 + 6930 SYN2
 19/2 0145 4165 CIO2
 19/2 0145 4360 + 6370 VLB2
 19/2 0200 4880 EZI2

20/2 1645 6930 SYN2	Still on going at 0110hrs 21/2
20/2 1645 6370 VLB2	
20/2 1700 9130 EZI2	
20/2 1701 7358 FTJ G78	
20/2 1945 6370 VLB2	Ended 2051hrs
21/2 0100 6270 ULX G56 YYIRD	Repeat of 29/01/05
21/2 1545 6210 FDU2	
21/2 1945 6370 VLB2	Extended call ended 2052hrs
21/2 1945 6930 SYN2	Extended call ended 2052hrs
22/2 0015 3557 MIW2	
22/2 0015 3360 KPA2	
22/2 1945 6930 SYN2	Extended call ended 2052hrs
22/2 1945 6370 VLB2	Extended call ended 2052hrs
23/2 1700 7540 JSR G49 DKAGY	Interference from Chinese Music Stn
25/2 2030 5820 YHF G81 JBZWY	
25/2 2045 4165 CIO2	Severe noise
25/2 2045 6370 VLB2	
25/2 2045 6930 SYN2	

Comments

It seemed appropriate that a special occasion was taking place (No not Charles & Camilla) but in the Middle East that **VLB, SYN & CIO** all should put in together a group 21 message a truly rare occasion for one to do never mind all three, then spend the next three hours repeating it. If you look at the January log you will note there was a fair amount of activity concerning the same three that month.

SYN2Z58 & SYN2-Z55 were calls heard in the USA & Australia in the early hours, the signal strengths were fair so at this moment SYN is heard to be very active world wide. Many thanks to, Mike L, Simon Denneen, Tom H & Jared Ashburn 16 Feb 0535hrs. an early morning rise proved lucky with **VLB2-Z58** and SYN2 booming through on their respective freq's, there seemed a to be a slight pause between the 2 and zulu. At approx 0600hrs the signal suddenly began to fade and a teleprinter type noise kept breaking in swamping the signal on **VLB2-Z58** but both stations were still on air at 0653hrs but fading into the background noise.

21/02/05 One of the lesser heard callsigns **FDU2** on freq 6210 just about readable severe noise
 23/02/05 Looking at the log above you will notice that at 1945hrs SYN2 and/or VLB2 go into a extended call of 1hr or more and have done so for a number of days this month ©BMLongfield E10 Desk26Feb05
 [Thanks Bob, excellent stuff!]

E11

At the time of writing the E11 schedule was:

	0800z	0830z	1030z	1200z	1230z	1300z
Mon						
Tues		8544	7749		7439	8088
Wed						
Thur	7663					
Fri	8091		7749	8544	7439	

Freqs change in March, see later:

7439kHz	1230z	04/01[312/00]AF
	1230z	07/01[312/00]AF
	1230z	18/01[321/00] USB good ML
	1230z	25/01[312/00]AF
	1230z	28/01[312/00]AF
	1230z	04/02[312/00] QRM-noise, poor JoA
	1230z	18/02(312/00) S1 QRM-noise, poor JoA
7663kHz	0800z	27/01[232/00] QRM-noise JoA
	0800z	18/02[232/00]JoA
7749kHz	1030z	14/01[312/00]AF
	1030z	28/01[312/00]AF
	1030z	01/02[312/00]JoA
	1030z	04/02[312/00] JoA
	1030z	18/02(312/00) ~S2 QRM-noiseJoA
8088kHz	1300z	04/01[183/00]AF
	1300z	25/01[183/00]AF
	1300z	18/01[NRH] ML
	1300z	01/02[183/00]JoA & RNGB
8091kHz	0800z	07/01[232/00] (hfd)
	0800z	18/02(232/00) QRN, QRM-Het+Buzz.JoA
8544kHz	0830z	04/01[182/00]AF
	0830z	11/01[182/00]AF
	0830z	01/02[182/00]JoA & RNGB

0830z	18/01[182/00]AF
0830z	08/02[182/00] S2 QRM-XJT on high side JoA
0830z	22/02[182/00] Noisy PLondon
1200z	14/01[187/00]AF
1200z	04/02[187/00] S4 JoA
1200z	18/02(187/00) S4 QRNJoA

In March the E11 schedule changes [Tnx AnonUK]:

	0800z	0830z	1030z	1200z	1230z	1300z
Mon						
Tues		8544	9610		9448	9950
Wed						
Thur	7663					
Fri	8091		9610	10125	9448	8544

E11b

No reports

E15

E15 following logs recently submitted for this elusive station, from a small group who regularly check on its activity, we republish the Phonetic Alphabet it uses as an aid to successful monitoring. Over the years minor phonetic variations have been heard and these are shown in (). The TX is in heavily accented English with a poor signal and often heard “live”, with the attendant problems.

A – ADAM	B – BAKER	C – CHARLIE	D – DAVID
E – EDWARD	F – FRANK	G – GEORGE	H – HENRY
I – ITALY (INDIA)	J – JOHN	K – KING (KILO)	L – LOUIS / LEWIS
M – MARY	N – NANCY	O – OTTO	P – PETER
Q – QUEEN	R – ROBERT (RITA / ROMEO)	S – SUSAN	
T – THOMAS	U – UNION	V – VICTOR	W – WILLIAM
X – XRAY	Y – YOUNG	Z – ZEBRA (ZERO / ZULU)	

The known original schedule was last printed in Issue 26, and is still believed to be substantially correct, although “early/late starts” recently logged.

(Are these to avoid the b/c stations close to almost all its listed freqs ?, Ed)

As many of our regular monitors, and certainly most of our Newsletter readers, will be strangers to this most peculiar station your editors take this timely opportunity to bring you “up to speed” with our current information.

Owing to the great difficulty in receiving and understanding this station only a few dedicated monitors have attempted to keep track of it in recent years, as a continuation of some extensive monitoring they carried out in the late 90’s when there was a period of quite good reception in UK / Northern Europe.

It has been thought ever since this station was first discovered that its target area is small and relatively “local” to the TX site and it uses low power and directional antenna, hence the reception problems.

Nothing from the recent monitoring reports leads us to change this view.

Only a male voice is now being heard whereas originally it used OM & YL, sometimes in the same TX, and it uses a combination of some useful Morse Procedure Codes (NR, AR, GR) – but gives them in phonetics, and with somewhat unconventional usage.

The general formats have remained unchanged, (but variations now being noticed in the 3let ID’s which are differing from those given in Issue 26, Ed) :-

QTC = mssg follows, QRU = no mssgs.

With mssg.

3 let ID/tuning sig for 5 mins (more or less as shown in the Issue26 sked)

Preamble :- QTC X 3, NR (as Nancy Robert), num x 3, GC (as George Robert) num x 3, which is given in reverse ie 52 = 25 gps. (some recent, 2005, intercepts have not conformed to this)

Mssg body.

Ending “Robert Adam” x 2 (AR reversed)

Null Mssg.

3 let ID/tuning sig for 5 mins

QRU for 5 mins.

(Recently, 2005, some TX’s noted with variations to above times)

Unknown

3 let ID given x 5 only , then gone. Very short TX and easily missed.

(not sufficient logs of this format for us to yet form an opinion, Ed)

Flash News, while this issue was being finalised for publication MoK had a very remarkable intercept on Feb 24th, 11.00z, 18000kHz with a null messg of DEC QRU which was REPEATED 3 mins later.

MoK is one of the few who has consistently monitored the E15 known freqs for over 10 years and has never heard , or seen reported, a repeat null TX.

Another oddity was that the two TX’s had different timings of 4/3 and 3/2 mins for DEC & QRU.

One E15 intercept starts the E15 section:

18000kHz 1055z 15/02[i/p clg "Peter India ???" x ?, then QRU till 1101z, very weak and noisy]ML

We print the known schedule [as issue 22]:

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

ML then sent in a later observation on this station. It makes excellent reading indeed:

17/02/05

11.01z, 18000kHz, E15, "Peter Edward Charlie" to 11.06z then QRU to 11.08z and off.

Only clearly readable on USB with tight filter the AM was u/r. I notice there have been two different calls this week for the same timeslot "PI? & PEC and both different to previously published.

12.00z NRH

12.31z, 11170kHz, E15. AM far too weak and noisy to read but sounded in USB like "Assaf Ben Two" which is obviously utterly wrong, but also not the expected OSS.

13.02z, 11.000kHz, E15 i/p. There but totally u/r.

14.00z NRH

I also noticed a very strange one, pretuned to 14000KHz ready for possible E15 14.00z sked when at 13.40z an intermittent carrier came up with various noises and squeeks, at 13.47z a good strong sig (S7-9) :-

"YL, E10 type accent, called - End of Message, Message Message Repeat Repeat" a few more squeeks and sound of mike being dropped, then gone.

At 14.11z carrier back, but only for seconds at a time, not a Ham tuning up, with same background noises.

Station closed 14.16z with nothing further heard.

ML continued with his monitoring:

Sun 20/2/05, 11.00z / 12.00z NRH very poor conds with noise up to S7.
12.30z, OSS/OSR??? x 5 only, then gone.TX less than a minute.
Still high noise

Due to Contest no E15 intercept possible through CW at 1400z

Thurs 24/04/05 1102z 18000kHz DEC Good readable sl.fade ends 1109z QRU
1111z Noisy, weak readable with difficulty.

Are there any readers who care to try their hand at receiving this station? If so please send your results to E2k.

E17z

11170kHz 0800z 13/01[674...Message] ended 0806z AF

E23

Best frequency is usually 8188kHz. 3 weekly cycle starting on the first Monday of the Month. [See E23 entry in NL24].

Transmits Monday Wednesday and Thursday:

Week 1	0955z 6507kHz	1155z 8188kHz	1255z 5340kHz
Week 2*	0955z 7250kHz	1155z 8188kHz	1255z 5748kHz
Week 3	0755z 4832kHz	0955z 6200kHz	1155z 8188kHz 1255z 6507kHz
Week 4	0955z 8188kHz	1155z 7250kHz	

**Week 2 Used to be M04 but has not been heard for several years, so therefore no transmission on week 2. Recently heard on 2nd Week by AnonUK.*

8188kHz 1156z	03/01 AnonUK and AF
1155z	05/01 AF
1155z	06/01 AF
1155z	17/01 AF
1155z	20/01 AF

MoK wrote in with a surprise E23 log:

17/01/04, 1237z i/p, E23, 8188kHz USB. ended "end" 1239z.

NRH between 11.56z & 12.30z (on and off).

1258z i/p, E23, 6507kHz USB, barely readable.

Monitoring started 1255z, no intro heard,severe fading,sig lost at 13.01z with a few fade-ins up to 13.15z. then gave up.

[Tnx MoK]

8188kHz 1037z 07/02 Mikendbs

Mike was not sure of the station ident and after a query, via Group, the first hint came from PLondon and was confirmed by AnonUK.

Asking for further information on E23 Mike received some input from TomH in America and a complex answer from Jochen in Europe.

"That is the former Swedish Rhapsody E23! Minus the ice-creme truck music and the European accent... uses the now defunct E05 Cynthia "American" accent," wrote TomH in Msg 4356. Jochen, our erstwhile 'kopf' of the German Branch of E2k wrote further information in Msg4357, "E23 uses the same frequencies as they were earlier used by G02, the "Swedish Rhapsody", which you might know from your first E2k time. It was played by a music box (we Germans call it a "Spieluhr"). This one is off air since 1997. Almost a year later, E23 appeared, by the way from the same location as G02 - somewhere in Poland which is very strange, but interesting. The used voice is the one from Cynthia, which we also know from E05, but this time Cynthia's voice is used by the British secret service, not by the CIA." [Excellent stuff Jochen – mx]. Jochen suggested a visit to Simon Mason's excellent site for further information <www.simonmason.karoo.net/page30.html>. A link exists in the 'Links' section of Group.

Regarding E23 transmissions AnonUK writes, "Not sure what E23 is doing with regard to its skeds, seems to be not keeping to them. This week, which should be week 1 [although February is a difficult month] and if this was week 1 there would be no week 4.

Anyway, it was heard on Monday 7th February at 0955z on 8188 which is the sked for week 4, I did not intercept it for the rest of the week at any time." [Tnx AnonUK]

8188kHz 0955z 23/02 TorbenOE [Week 4]

E25

The ENIGMA Control List describes E25 as:

OM AM/USB, Arabic music intro (sometimes), 3f-2f call, 4f mssg
daily 12.40/13.40, currently on 9450kHz, Apl 04,
freq/time can vary slightly.
3f-2f call R5 = null mssg, can end with short databurst.
Poor reception in Northern Europe, BC QRM.
Noted with musical ending April 04

AnonUK reported 9450kHz 1230z 04/01[555 + msg] , also heard by X who wrote in with:

Tue 4 jan 2005, 12.30 utc, 9450kHz E25 with this message:

555 (for 5 min)
message (3x)
6092 7211 2110 8221
3936 1658 1818 0271
8521 7527 2110
eom / eot

Poor reception, mostly due to another bc station right on this freq. [Tnx X]

Wednesday 5th January 2005: 12.30 utc, 9450 kHz, music intro lasting 5 minutes.

No message (x3)

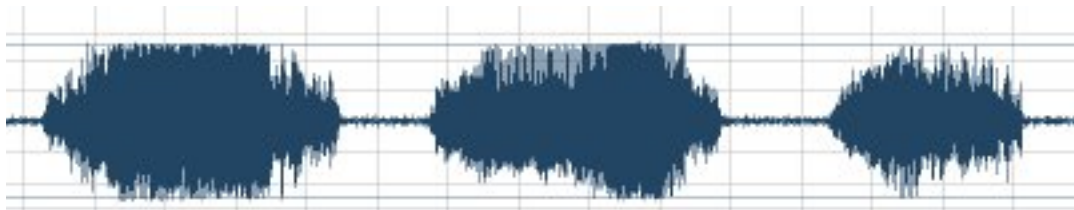
Then calling 557 7 for 5 minutes, ending without eom/eot.

Another observation came from Mike of Kent:

9450kHz 1328z 10/01[No intro, no ending, clg 905 15 (r x 20), end 13.31z carrier down. Mike of Kent

11/01/05 13.41z, E25, 9450kHz carrier up and straight into Arabic music with YL singer.
13.48z, 222 x 16, long pause, 222 x 22,
"message 2133 6190 5670 644? 4472
9227 8595 2237 5670"
EOM
Repeat
13.54z EOM EOTX", carrier down after 10 secs.

Spectrogram of "222" 1348z 11/01:



©ENIGMA200011/01/2005

In addition to MoK's report 'X' [in the Benelux countries] writes: Heard E25 again today, tue 11 jan 2005.

Heard it twice. The first one was very difficult due to the strong BC station on the same frequency. Not sure if I got all the numbers. The second one was crystal clear, signal strength S9.

The first one:
Starting 12.40 utc, 9450 kHz.
No music
Calling 720 for 5 minutes
Message (x3)
90x8 601x x240 9xxx 8xxx
2198 6874 1767 2934 3xx0
eom / eot

The second one, one hour later at 13.40 utc, 9450 kHz,
Music lasting 5 minutes
222 calling for 5 minutes
Message (x3)
2133 6190 5670 6244 4472
9227 8595 2237 5670
Repeat (x3)
--- rpt of message ---
end of message / end of transmission

E25 made more appearances on 17/01. DoK had already reported to E2k that an HF lift was on, no doubt as a result of the solar influences prior to the massive CME which was scheduled for 17/18 Jan.

MoK wrote,
9450kHz 1327z 17/01 no intro, started clg "906 x ?, mssg 9440 9449,
??????

rpt 9440 ***** 4421 ***** 5315 ?970 ***** 6355 ***** eom eotx, remarking: "Conditions absolutely deplorable this morning all across the bands, must be a Magnetic Storm in prog, not had a report from IPS or Tesla yet."

Interestingly this was followed by a log by X in the Benelux regions:

Heard E25 today, mon 17 jan 2005.
Starting at 1327 utc.
Calling 906 for 5 minutes.
Message (x3)
1480 4429 7333 5515
8970 6593 4421 6355
Eom / eot

X it appeared had better reception than MoK. He followed on with the next days E25 intercept which reads:

I heard the repeat of 17/01 on 18/01:

Today's repeated message:
(No music)
906 repeated for 5 minutes
message (x3)
1480 4429 7333 5515
8970 6593 4421 6355
repeat (x3)
--- rpt of message ---
end of message / end of transmission

The carrier did not go off and after a minute (at 13.34) the music started:

Arabic music, lasting till 13.45 utc
Calling 222 for 5 minutes
message (x3)
5533 7120 3330 8241
0411 9286 8378 3330
repeat (x3)
--- rpt of msg ---
end of message / end of transmission..

X was not the only monitor to receive the second message and MoK also heard it. There was an HF lift on, no doubt coupled with the solar activity before the threatened CME

18/01 "222" R 13.44z start, 9450kHz USB v.good, some static.
mssg std 13.48.30z "5332 7120 3330 2321 0419 9226 2378 3330"
all rpt, eom, eotx.
2nd and last gps same, again.

X appears to be in a particularly decent area for E25 as he sends in:

E25, 9450 kHz, 1342z fri 4 feb 2005.
Starting with the familiar eastern music, lasting for about 5 minutes.
Then, straight into the 'format 2' control message, calling "227 3" for 5 minutes.
No "message" X3 or "end of message, end of transmission".

The next time we heard from X it appeared that things were beginning to change in Arab Man's procedure.....

X initially wrote, "I heard E25 last Tuesday 8th Feb. It was a very busy day for him with two messages and a long time of music. I could not send this log earlier to you because I had to get a book from the library. Read on and it all becomes clear (or not...)."

Then follows 'X' intercept detail, and this is really good stuff:

"Heard E25 again, Tuesday 8th february 2005.

Missed the start at 1155 utc but heard the last part of the message at 1203 utc:

7306 7088 9057 3910 0495

End of message / end of transmission.

Carrier stayed on air and after a minute Arabic music was played. Not the Arabic music that I hear normally with this station. Several different songs where played lasting till 1219 utc.

Then, in English, the ID was called for 5 minutes:

835 835 835.

That is interesting because that is a new ID, not heard before, followed by

"message message message"

Then, at 1224 utc the message was sent but not the usual English language offering: This time it was in Arabic

I got a book - Arabic for beginners - from the library and found this message after two days of struggling.

When two numbers are underlined it means it is not spoken as two different numbers but (for example, in English) spoken as "fourteen". That makes it a lot more difficult, but a challenge indeed.

The message read:

<u>15</u> 98	5198	<u>21</u> 28	1228	<u>23</u> <u>13</u>
3931	<u>35</u> <u>24</u>	5344	<u>21</u> 20	1220
<u>37</u> <u>22</u>	7322			

Then straight into a format 2 control message calling "830 6" for 2 minutes[and in English language].

At 12.26 "end of message"

Finishing with 5 minutes of the usual Arabic music normally heard with E25. Some years ago the same happened with E09 / V08." Tnx X, that's really brilliant!

The V08 transmission used Arab numbers in the singular.

The first group sent by E25 as described by X would sound as: Khamsta shar tissa tamanya – being 15, 9, 8

The V08 transmission used Arab numbers in the singular, the same group would be heard as : wahid khamsa tissa tamanya – being 1,5,9,8.

PLondon heard V08 as a recording a few years ago and had remarked that he was surprised to be able to comprehend the Arabic numbers as easily as he did having learnt the numerals a long time before and with no useage since. [He admitted finding the numbers compounded by tens impossible to remember with the exception of 15 and was unable to work the system out from that. Having sought assistance PLondon turned to a book and has made the relevant page available – with credits].

The singular numbers in Arabic were posted in Issue 5 of the Newsletter on page 10 [we also made the point that the Arab word for spy is 'gasus' or in plural 'gawasis'].

It is worth pointing out that the Arab number system is a little cumbersome in its realisation. For instance for the English 'ten' is ten, eleven is eleven and twelve is twelve – or quite simply 10, 10+1 and 10+2. The Arabic is numerals are formed a little differently:

1 is wahid and 2 is itnein. Ten is ashara, eleven is idhashar whilst 12 is itnashar. When numerals are compounded with tens the cardinals are formed as 1+10 = 11, 2+10 = 12 and so on.

It is difficult to continue to explain the Arab cardinals in this fashion and we offer proper text in support of this piece:

<i>wāḥid,</i>	1	<i>itnein wa ʿishrīn,</i>	22
<i>itnein,</i>	2	<i>talāta wa ʿishrīn,</i>	23
<i>talāta,</i>	3	<i>talātīn,</i>	30
<i>arbaʿa,</i>	4	<i>wāḥid wa talātin,</i>	31
<i>khamsa,</i>	5	<i>arbaʿīn,</i>	40
<i>sitta,</i>	6	<i>khamsīn,</i>	50
<i>sabʿa,</i>	7	<i>sittīn,</i>	60
<i>tamāniya,</i>	8	<i>sabʿīn,</i>	70
<i>tisʿa,</i>	9	<i>tamānīn,</i>	80
<i>ʿashara,</i>	10	<i>tisʿīn,</i>	90
<i>ihdat shar,</i>	11	<i>miya,</i>	100
<i>itnat shar,</i>	12	<i>miyatein,</i>	200
<i>talatat shar,</i>	13	<i>talāt miya,</i>	300
<i>arbatat shar,</i>	14	<i>arbaʿ miya,</i>	400
<i>khamstat shar,</i>	15	<i>alf,</i>	1,000
<i>sittat shar,</i>	16	<i>alfein,</i>	2,000
<i>sabʿatat shar,</i>	17	<i>talāta alf,</i>	3,000
<i>tamantat shar,</i>	18	<i>ʿashara alf,</i>	10,000
<i>tisʿatat shar,</i>	19	<i>miyat alf,</i>	100,000
<i>ʿishrīn,</i>	20	<i>malyūn,</i>	1,000,000
<i>wāḥid wa ʿishrīn,</i>	21		

0	٠
1	١
2	٢
3	٣
4	٤
5	٥
6	٦
7	٧
8	٨
9	٩

Serious perusal of this Arabic system illustrates to the serious student how the numerals work as they are compounded with tens, twenties, thirties and so on.

PLondon reminded us that zero [.] is sifr; X later stated cifr – a regional difference with the same pronunciation.

Taken from ‘Aden Arabic for Beginners’ Second Edition by MA Ghanem MBA BA (Deputy Director of Education, Aden). It originally cost 17.50 East African Shillings from A Hakim and Sons, Fazal House, Near Grand Hotel, Crescent, Steamer Point, Aden

To explore the cumbersome nature of the cardinal order of progression realise the number 3122!

With the increase of messages for E10 and this Arabic event for E25 is it possible that the moves towards better diplomatic understanding between two nations shown in the map below might have a hand here? Perhaps as ‘ceasefire’ messages go to one and a ‘keep a low profile’ go to another?



"E25 is still about but very difficult copy" wrote AnonUK. "I heard it on Thursday 10/02 at 1228z calling 555, but then the BC station on the same frequency came on at at 1230z and I could then not copy the message."

After all his hard work with the Arabic numerals X then intercepts:

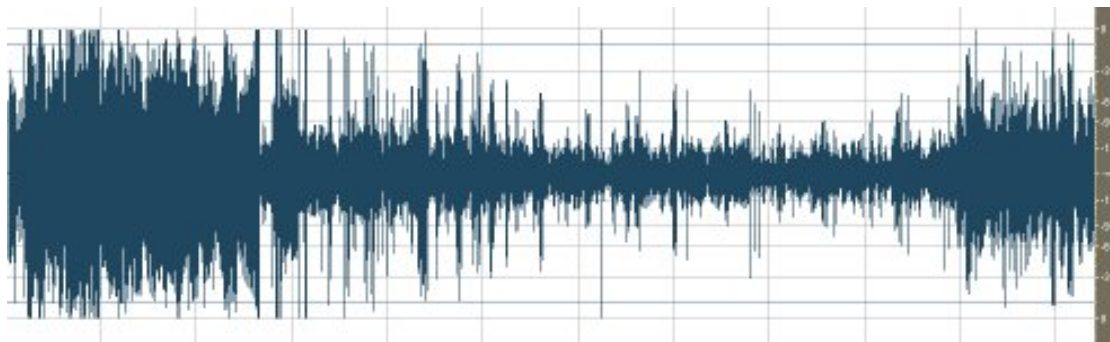
Fri 11 feb 2005, 9450 khz,
start 12.25 utc with the normal arabic music.
Then calling "555" for 3 minutes
Message (x3)
5990 9221 6110 8516 7378
2294 0866 8261 3878 3586
9828 6110
Repeat (X3)
--- rpt of msg ---
End of message, end of transmission.

A few minutes later, at 12.45 utc this:
 calling "440" for 5 minutes (440 is again a new ID, or at least not heard before)
 Message (X3)
 1054 1001 4110 5394 0348
 0546 3717 2423 4924 2149
 Repeat (X3)
 --- rpt of msg ---
 End of message, end of transmission

And finally a third message today, Friday 11 february 2005 with a control message
 calling;
 905 18
 909 17
 905 18
 909 17
 And so on for 4 minutes. No end of message or end of transmission.

The same message, 440, was also heard by both MoK and PLondon, but on Saturday 12/02. It was preceded by 557 9 at 1230 until 1237z. Around 1244z the message as outlined by X was then heard, ending at 1250z. Both operators remarked on the poor signal, albeit they were 220miles apart. With AnonUK about halfway between it says something for propagation and location!

PLondon noted the transitions from reasonable signals to poor and anything in between and produced an aggregated spectral view having removed the 'dead' bit found between 1237 and 1244z where traffic was not monitored.



©PLondon13February2005

Strangely the best signals occurred in the two noisy sections at either end; this spectrogram was produced after cleaning the original wavfile up. Perusal of the above plot indicated the change in general signal strength, rising, along with the noise temperature for the last few minutes.[TnxPLondon].

X reports E25 again on Wednesday 16th February, 9450kHz:

12.45 utc.
 No musical introduction.
 Calling 780 for 5 minutes
 Message (X3)
 4918 8621 5610 9571 9554
 1942 6396 5792 7941 3268
 5182 5610
 Repeat (X3)
 --- rpt of msg ---
 End of Message
 Than straight into a format 2 control message:
 785 33 34
 782 31 32
 782 33 34
 785 31 32
 Ending 2 minutes later with End of Transmission.
 X notes that, "With this format 2 control transmission I think the 32, 33 and 34 is not the day of the month, but more likely 'transmission over xx days', but this is only an assumption.

For 21/02 X wrote, "E25 was busy again today, mon 21st february 2005.

Made its first appearance at 12.45 utc with a control message and normal message in one.

No musical intro, no "message message message".

440 440 440 440

785 36 37 38

785 36 37 38

785 36 37 38

440 440 440 440

Pause

"440" for 3 minutes.

Message (x3)

5942 2080 7010 8383
1984 1211 4684 7010
Repeat (x3)
--- rpt of msg ---
End of message
449 449 449 449 449 449
End of transmission.

"I still don't know what the control messages mean. No date for sure.
Perhaps the number of days till the next message.
Weird ending with six times "449" calling. Nothing came after that,
only End of transmission and a minute later the carrier went off.

A little later I heard another control message, starting at 13.29 utc, still on
mon 21st feb.
Again no music or message(x3) but just straight on calling:
909 19 21
905 22
909 19 21
905 22
Ending at 13.32 utc.
Nothing else heard today."

E25a

E25a is described in the ENIGMA Control List as: E25a OM ^ AM/USB, As E25, but 3f 3f 2f 2f 2f call

On Friday 18/02 X reported:
I heard E25 twice, both with a control message.
E25, fri 18 feb 2005, 13.35 utc, 9450 kHz calling :
905 20
909 19
905 20
909 19 Stopped after about 5 minutes.
No musical intro, no message (x3) and no End of message / end of
transmission.

A little later, at 13.41 utc, still on friday 18th with:
Eastern music for about 5 minutes,
No message (x3)
Calling "227 4" lasting 5 minutes.
Ended without End of message, end of transmission.

MoK sent his 21/02 findings in as:

21/2/05, 9450kHz, E25a, no music, no intro, v noisy/fades/static
12.44z 440 72(?)5 36 37 34 3?
R till 12.46z then pause.

12.47z New Voice clg 440 R till 12.50z
12.50z mssg 59?4 generally u/r, 1 repeat
12.52z ended, no EOM or EOTX

then:

Carrier up at 13.27, still poor noisy conds.
13.28z no music no intro (logging not fully complete)
909 19 21 909 19 21 905 22 905 22
909 19 21 909 19 21 905 22 905 22
909 19 21 909 19 21 909 19 ?? ?????????
905 25? 905 22 909 ?? ?? 909 ??
909 19 21 905 22 905 22 909 19 21
909 19 21
Ended 13.31z no sign-off

From X again we have:
thu 24 feb 2005, 9450 kHz, 12.45
utc.
No musical intro.
440 440
785 42 43
785 42 43
440 440
785 42 43
785 42 43
440 440 440 440 440 (1 minute)
Message message message
3334 3011 8640 7042 8403
9664 9047 1734 1704 9497
8640
Repeat repeat repeat

--- rpt of message ---
End of message
449 449 449 449 449 (9 times)
End of transmission.

G06

Schedules for this station do exist:

First Monday of each month [2004]

	July	Aug	Sept	Oct	Nov	Dec	Jan05
1900z	11430	11075	8170	6856	5415	5190	5110
2000z	9240	9125	6840	5210	4585	3845	4025
Ident:	<u>380</u>	<u>380</u>	<u>380</u>	<u>380</u>	<u>380</u>	<u>380</u>	<u>308</u>

[Repeated Tuesday if message]

4025kHz 2000z 03/01 PoSW
5110kHz 1900z 04/01[308 - 594 / 126 = 28651]Gert

Thursdays[2004]:

	July	Aug	Sept	Oct	Nov	Dec	Jan05
1830z	6887	6887	5934	5934	4512	4519	4719
Ident:		<u>842</u>	<u>579</u>	<u>579</u>	<u>271</u>	<u>271</u>	

[Thurs freqs are 4519, 5934 or 6887kHz]

4719kHz 1830z 13/01 PoSW

Friday[2004]:

	July	Aug	Sept	Oct	Nov	Dec	Jan05
1930z	5934	5934	5442	5442	4792	4792	4782
Ident:		<u>842</u>	<u>947</u>	<u>947</u>	<u>436</u>	<u>436</u>	<u>436</u>

[Friday Freqs are 4792, 5442 or 5934kHz and occur alternate weeks].

4782kHz 1930z 14/01[436-508/40=44922] PoSW and hfd
4792kHz 1930z 10/12[436 104 39 95985]AF
1930z 28/01 AF

Saturday [2nd and 3rd Sats each month]:

	July	Aug	Sept	Nov
2020z	12210	12210	8530	
Ident:		<u>178</u>	<u>178</u>	
2200z		6834		4642
Ident:				<u>531</u>

Sundays [2nd and 3rd Suns each month]:

	July	Aug	Sept
2020z	No reports.....	
2025z	10875	10875	No reports
Ident:	<u>178</u>		

[Many Thanks to AnonUK for sharing his analysis used in the above compilation].

In station analysis PoSW writes: The schedules known to be operating are the well established first Monday in the month 1900 + 2000 UTC and the alternate Thursday 1830 UTC with a repeat on the following day at 1930 UTC. There may also be a G06 schedule running at the weekend; a transmission was logged on Sunday 6-Feb-05 just after 2200 UTC on 4,441 KHz.

First Monday in the Month Schedule:-

3-Jan-05:- 1900 UTC, 5,110 KHz, not actually found until a couple of minutes into the call-up of "308", DK/GC "594 594 126 126", a "full message" transmission, strong signal with the lower sideband well suppressed.

2000 UTC, 4,025 KHz, repeat of "308" and "594 594 126 126", weaker than first sending with all sorts of QRM. Not the same frequencies as used in January last year, 5,780 + 4,580 KHz.

4-Jan-05, Tuesday:- because the first Monday in the month G06 was a "full message" there is a repeat on the following day, 1900z, 5,110 KHz, weaker than yesterday at S6, and 2000 UTC, 4,025 KHz, stronger than yesterday, S9+.

7-Feb-05, 1900 UTC, 5,455 KHz, "308 308 308 00000", strength S7, lower sideband well suppressed.

2000 UTC, 4,465 KHz, "308 308 308 00000" repeated, again not the same frequencies used in the same month in 2004, i.e. 6,915 + 5,360 KHz.

Thursday 1830 UTC Schedule:-

23-Dec-04, 4,519 KHz, started late, approx 45 seconds after the half hour, call "271", DK/GC "104 104 39 39", same as when last heard on 9-December, signal strength peaking S9, lower sideband well suppressed.

13-Jan-05, 4,519 KHz, has survived into the New Year, then. Call "271", DK/GC "508 508 40 40", started 25 seconds late according to my MSF controlled clock! Signal strength S6 to S7, lower sideband well suppressed, the voice slightly clipped and distorted at times.

27-Jan-05, 4,519 KHz, 1838 UTC, almost missed it!, transmission in progress, unusually weak signal this evening, sank into the noise, ended around 1841z so weak unable to confirm the DK/GC.

10-Feb-05, 4,516 KHz, calling "271", DK/GC "965 965 38 38", 3KHz lower than past few appearances of this

schedule, close to a strong "XJT" or similar on the LF side making for difficult copy in AM, completely removed by using the receiver in USB mode. If I didn't know better I might think that the German YL was trying to conceal her presence.

Friday 1930 UTC Scedule;-

24-Dec-04, 4,795 KHz, call "436", DK/GC as always the same as the previous day's 1830z sending, in this case "104 104 39 39", strength S7, lower sideband well suppressed.

14-Jan-05, 4,782 KHz, somewhat lower in frequency than expected, weakish signal with QRM, not found until 1933z and may have started late because the DK/GC not reached until well after 1935z. Call "436", DK/GC "508 508 40 40".

28-Jan-05, 4,792 KHz, "436" and "508 508 40 40" as on the 14th, speed of delivery more rapid than usual although voice normal pitched, a characteristic noted from time to time with the Friday G06. Weak signal at first but rapidly increased in strength, was S9+ by 1938z.

11-Feb-05, 4,782 KHz, "436" and "965 965 38 38".

A Sunday G06;-

6-Feb-05, 2201 UTC, 4,441 KHz, a G06 found at 10.01 PM UK time calling "843" then DK/GC "905 905 23 23", a short message ending just after 2208z. Strong signal, lower sideband well suppressed.

Perhaps a regular weekend schedule is running - no doubt someone has more info - there was one noted in the summer months of last year which started at either 9.20 or 9.25 PM UK time. Was not heard on the following Sunday, 13-Feb. [Tnx PoSW]

G22

4014kHz 2300z 20/01 LSB Gross QRM-noise, occasional voice in background so indistinct as to not even able to identify language.JoA

4031kHz 0030z 21/01 AF Poor

4461kHz 2300z 17/02 [gg/yl too weak to copy]MS US

Slavic Stations

From DoK we receive his latest 'Slavic' analysis:

Revised Chart 17

M10, S10d and S17c Listings From 1st January to 28th February 2005

Compiled by Slavic Desk

Freq kHz	Freq //	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Activity Designation
			S0150	S0150					
3522	5027							0210	R
3522			0400	0400		0400			R
5027								0410	R
8175				0430					R
3522	4007			0430					R
3522	5076		0450	0450					R
			S0450			S0450			
3522	3810	0535	0535		0535			0535	R
5945			S0540	S0540					R
						S0600		S0600	
14565	15898	0615	0615	0615	0615	0615	0615	0615	R
5076								0700	R
									0755
5945	9455				0800	0800			ALT
13405	14565				S0820	S0820			ALT
12295					0830				R
14978					0840	0840			ALT
6946			1140	1140					ALT

Freq kHz	Freq //	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Activity Designation
14565			1200	1200					R
9166		1250	1250	1250	1250	1250	1250	1250	R
5945	9971		1340	1340					
9986	14978		1410	1410					R
11417						1440	1440		ALT
			1500	1500					
8175	9986							S1520	R
11417						1530	1530		ALT
4485	6758	1610	1610						ALT
4030	6763	1630	1630		1630			1630	R
5945	9166			1640					R
3522	5301		1700	1700					ALT
5945					1700	1700			ALT
4958	7745			1720		1720			R
4958	7605						1720		R
5028	7605		S1740	S1740					R
3631	5471	1800				1800			R
3522	5301		1820	1820					ALT
5904	6945				S1820	S1820			ALT
3631	8143				1840	1840			ALT
7745	9986			S1855	S1855				ALT
					1900	1900			
3810	5861	1920	1920						R
5945					1940	1940			ALT
9385				1950		1950		1950	R
2846	3564		S2020			S2020			R
5272	5904	S2050		S2050					R
3522	4007		2100		2100				R
4446	5904					S2130		S2130	R
4836			2200	2200					R
3522	5301		2200	2200					R

[Remember freqs measured +/-2kHz]

M10e 5019kHz transmissions January, week commencing 09/01/05 Tues to Friday inclusive.

M10e 5019kHz transmissions February, week commencing 07/02/05 Monday to Friday, inclusive. A first for DoK on Monday!

Chart 17 amended above, is an updated version as only minor changes have occurred. A period of variable conditions with the occasional good day.

Towards the end of January Gert found 9455kHz at 0800z. At this time several alternate week transmissions were in a state of flux and because of this I could not locate its position until Wednesday 09/02 where it proved to be the parallel frequency to 5945kHz. Regrettably, it only appeared on the 0800z Wed/Thurs schedules.

A phone call from PLondon requested a check on 1610z transmission of Sunday 20/02, the transmission ceasing before the usual 0 0 0 [see M10 section]. Unfortunately DoK was off watch and could only confirm that the Monday 1610z was sent without aberration. PLondon had suggested the 1630z schedule that followed on a nearby frequency, 5kHz above, may have been influenced by the apparent over running schedule of the 1610z sending.

DoK explained that the 1630z MCW carrier is normally switched on 15 – 20 mins prior to transmission.

Monday 21/02/05 a phone call from AnonUK alerted me to a transmission on 5945kHz, the time being 1342z. I immediately switched to my search receiver and on completion of the initial call-up I started to search for a parallel. The second frequency checked was 9971kHz which proved to be the correct one. The 9455 and 9971kHz frequencies are what I previously termed archival and had not apparently been used for some time. The new transmission was copied until its completion at 1355z. The 1410/1610/1630z schedules were all logged as normal while waiting for the 1700z schedule which duly appeared. As hoped it repeated the 1340/1342z schedule. I was able to state that the 1340z schedule would also appear on Tuesday, the following day. At this point, in order for the reader to understand my reasoning, I refer you to Newsletter 25. This NL contained Chart 16 together with my explanation of the alternative week programme [ALT] transmission week dates and repeat message procedures.

See also my comments on missing schedules.

This report is being written during the final full week in February and things are still changing. The ALT weeks are still in a state of flux, perhaps until the 1st March 05.

During the week of the 13 - 19 February both sets of 1700z schedules did not appear, but on week 20-26 Feb both sets were active. Despite this, the Monday/Tuesday message remained different from the Wednesday/Thursday message.

On the above amended Chart 17 the activity designations have not been changed and will be reviewed after the next predicted change [1st March].

I have been covering this group exclusively for the past 3 to 4 years and have considered writing a full dossier, including frequency lists and charts.

I have estimated that it would run to ten to twelve pages of A4, not very fair on our editors!

Considering the number of interested CW enthusiasts is probably no more than six [and I base that assumption on the actual reports received from time to time], any thoughts or comments would be appreciated as to whether such a dossier would be useful.

I personally prefer analysing a group's activities rather than scoring points on the number of station intercepts I can make.

My thanks as usual to Gert, AnonUK, RNGB and PLondon for their input and support.

Finally, I would recommend reference be made to Chart 11 for guidance from 1st March.

Note that S17c will transmit on 5301//8190kHz from 1st March 05

S04

3373kHz 2245z 10/01[537? With message]JoA
2245z 11/01[641 Nr 241 Gr 20 63180... (??)] AF ended 2258z also by JoA MoK in LSB

Also heard by MoK who writes:

10/01/05, 22.45z, S04, 3373kHz LSB, Devata Devit Devita + short mssg repeated, ending Nuar Nuar Nuar. Variable sig good - u/r, XJT type QRM.

For February JoA offered his fine log for 07/02:

3373.20 kHz LSB 2245-2301:45z 07/02 Call/ID: "Devarta Devit Devita" rptd. until approx. 2254z then indistinct (not in order) including: zednita nuar alpha devarta (often), then ~2257/2258 "Devarta Devit Devita" rptd. again, then msg. again. Ending "Nuaar Nuaar Nuaar" (000) @ 2301:45z [Tnx JoA]

S06

Before we move to the logs we present an excellent piece concerning the fast and slow endings of S06:

S06 Russian man ending 00000

by Gert

More than a year ago I started making the S06 list and it became as big as it is now thanks to help of RNGB, GD and other listeners who send their log to E2k.

A few months later I noticed that there is a slight difference in the ending of the Russian man.

The difference is that it is pronounced as 00000 or 0 0 0 0 0. I called the 00000 ending fast and the 0 0 0 0 0 ending slow. I wrote them down in the list and soon a kind of regularity became visible.

All the slow ending S06 stations kept using the slow ending, the fast ones kept on using the fast type of ending.

Later the S06 ending fast surprised us by changing into E06, English man, also ending fast (that was in August 2004, on Wednesday 21.00 / 22.00 utc skeds). It seems there is a connection between the fast ending S06 and E06; using the same day/time/fast ending and only change into the English voice. .

I started looking further and found all E06 stations ending fast too.

But calling a station ending slow or fast is very much subjective. Therefore I took a closer look at the S06 and E06 stations. To make the list below more complete I also included the special female voice S06 (heard in May 2004) and G06, German lady ending with five zero's.

I have done some measurement on the different types of S06 and E06 stations to see what the difference is between fast and slow ending. The results are shown in the chart below:

The difference between fast and slow ending

Measurements done on the following transmissions

- 1 = S06 male ending slow 0 0 0 0 0 tue 3 aug 2004 8.00 utc 7245 kHz
- 2 = S06 male ending fast 00000 sat 22 may 2004 18.00 utc, 12210 kHz
- 3 = E06 male ending fast 00000 thu 25 march 2004 21.20 utc 7721 kHz
- 4 = S06 female ending slow 0 0 0 0 0 thu 13 may 2004 16.00 utc 10410 kHz
- 5 = G06 female ending slow fri 12 march 2004 19.30 utc 5442 kHz

Type of measurement (all times are in seconds)	Station Nr 1	Station Nr 2	Station Nr 3	Station Nr 4	Station Nr 5
Time of number 0	0,436	0,498	0,464	0,593	0,367
Time of number 1	0,514	0,536	0,444	0,571	0,422
Time of number 2	0,358	0,375	0,352	0,218	0,313
Time of number 3	0,309	0,329	0,312	0,366	0,456
Time of number 4	0,645	0,61	0,352	0,606	0,362
Time of number 5	0,279	0,277	0,375	0,371	0,278
Time of number 6	0,411	0,319	0,339	0,211	0,216
Time of number 7	0,321	0,427	0,446	0,341	0,374
Time of number 8	0,622	0,508	0,245	0,619	0,233
Time of number 9	0,407	0,447	0,447	0,522	0,494
A) Average time between numbers	0,551	0,508	0,501	0,498	0,525
B) Time between groups	1,134	1,251	1,201	1,369	1,325
C) Average time of one group of 5 numbers*	3,907	3,785	3,849	3,755	3,611
D) Total length of the ending zero's	7,549	3,813	3,712	7,272	8,512
E) Time between the ending zero's	1,251	0,34	0,399	1,112	1,699
F) Time of 12 groups (6 groups each rpt)	60,521	59,056	58,223	59,371	61,121
G) Time of 12 groups divided by 12 (time/gr)	5,043	4,921	4,852	4,948	5,093

*without the time between the groups

The results show us there is almost no difference in the length of the individual numbers of the different stations.

For example, the number 0 (zero) has the same duration with both S06 slow and S06 fast, as well as E06.

The big difference is the time between the ending zero's. For S06 fast it takes 3.8 seconds to speak the 5 ending zero's, for S06 it takes the double time. G06 takes even longer with 8.5 seconds.

To go a little step further I also took a quick look at one other station (possible a member of the above stations, family 1a).

- E17z ending with 5 slow zero's, duration 8.6 seconds.

In the monthly E06/S06 list there is one sked that appears to act a little strange. That is the E06 thu 20.30 / fri 21.30 utc sked. The messages are on both skeds the same, the ID is different. More confusing is the seemingly random use of both slow and fast ending zero's. [Tnx Gert]

©ENIGMA200015Feb2005

PoSW's S06 log shows us a hint of the pre-new year activity:

14-Dec-04, Tuesday;- 1950 UTC, 5,190 KHz, "254 254 254 00000", very weak signal, difficult copy. This Tuesday "254" schedule has been a weekly regular throughout 2004, unable to find the first sending at 1850z on a lower frequency during December.

2115 UTC, 6,860 KHz, calling "825", DK/GC "437 437 100 100", strong signal with the lower sideband well suppressed with background crackling noises. Carrier with tone was noted 2104z.

2226 UTC, 5,210 KHz, transmission in progress, ended 2236z with "437 437 100 100 00000", a repeat of the transmission heard earlier on 6,860.

22-Dec-04, Wednesday;- 0700 UTC, 12,365 KHz, weekly S06 as per Gert's prediction list, "729 729 729 00000".

25-Dec-04, Saturday;- It's Christmas Day but it's also the fourth Saturday in the month;-

1600 UTC, 9,080 KHz, "724 724 724 00000".

1700 UTC, 6,960 KHz, calling "124", DK/GC "567 567 103 103", peaking strength S8 with deep QSB, lower sideband well suppressed.

1800 UTC, 5,120 KHz, "124" and "567 567 103 103" repeated, up to S9.

29-Dec-04, Wednesday;- 0700 UTC, 12,365 KHz, regular Wednesday S06 as per Gert's prediction list, very weak signal, could just make out the "Nolls".

0709 UTC, 14,280 KHz, started early, well before 0710z according to my watch, "729 729 729 00000", very weak but readable.

0742 UTC, 9,260 KHz, another S06, transmission in progress, strong signal with distorted audio, "328 328 328 00000".

[Note the Christmas activity – no cheers for 567 but some respite for 724]!

7440kHz 0810z 04/01[354 876 876 14 14] AnonUK
 10265kHz 0800z 04/01[418 563 563 20 20] AnonUK

Of the above transmissions, AnonUK wrote, 'The messages are getting longer, so the second transmission is starting later than 10 past the hour.'

4580kHz 0600z 03/01[967-234/ 8=23416] (hfd)
 0600z 24/01[967:0] (hfd)
 0600z 31/01[967:0](hfd)
 5070kHz 1700z 20/01[537:0] (hfd)
 0700z 11/01[374] (hfd)
 5625kHz 1800z 11/01[624] (hfd)
 6420kHz 0610z 13/01[967:0] (hfd)
 8530kHz 1230z 12/01[371] (hfd)
 9190kHz 1630z 11/01[516] (hfd)
 1630z 12/01[516] (hfd)
 10570kHz 1600z 22/01[724:0] (hfd)

Before we move onto the logs offered by AF and RNGB some thoughts from the log for January:

12-Jan-05, Wednesday;- 0703 UTC, 12,365 KHz, the Wednesday 0700z transmission continues in the New Year; this is the only S06 I have logged so far in 2005. Very weak signal, only just detectable, appeared to be in "729" call-up in readiness for a "full message" transmission; if so this was unusual as every other logging of this schedule has been of the "no message" format.

22-Jan-05, Saturday;- 1600 UTC, 10,570 KHz, the fourth Saturday in the month still produces some S06 activity; I couldn't find any on the second Saturday, 8-Jan - I may have been searching too low down the band. "724 724 724 00000". Strength S5, lower sideband well suppressed.

1700 UTC, 8,025 KHz, repeat of "724 724 724 00000", a bit stronger at S6 to S7.

No sign of a schedule at 1700 + 1800z, a regular feature of 2nd and 4th Saturdays for the past several years.

25-Jan-05, Tuesday;- 1730 UTC, 7,640 KHz, "516 516 516 00000", S9 signal with good, deeply modulated audio, lower sideband suppressed. Is this a weekly schedule, I wonder? I have been unable so far to find any trace of the Tuesday 1850 + 1950z schedule which ran during 2004.

AF's and RNGB's January log:

4th Jan	0800	5810	418 563 20 31934 41150..." slow zeros
	0812	7440	started 08:12! "418 563 20 31934 41150..." slow zeros
	1630	9190	'516' 00000 (fast zeroes)
	1730	7640	'516' 00000 (same freqs as last year)
	1800	5625	'624' 538 17 59457 etc and AF
6th	1010	10480	'895' 243 6 28210 etc
7th	0930	11780	'516' 138 9 groups (ends slow zeroes)
	0940	12570	'516' repeat
10th	1300	8420	'831' (msg not copied)
11th	0800	10265	'352' 836 10 48634 etc
	0800	5810	'418' 563 20 31934 etc also AF
	0810	7440	'418' repeat
	0810	9135	'352' repeat
12th	0840	9260	'328' 465 12 91746 etc
	0850	11415	'328' repeat
	1630	9190	'516' 478 36 81409 etc
	1730	7640	'516' repeat
13th	1010	10480	'895' 243 6 28210 etc
	1700	5070	'537' 241 6 02854 etc
18th	0715	6320	'374' 00000
	0800	5810	'418' 00000 also AF
	0800	10265	'352' 00000
	1800	5625	"624 00000" slow zeros AF
19th	0820	6880	'471' 00000
	0830	7335	'745' 00000
	0830	7840	'471' 00000
	0840	9260	'328' 00000
	0850	11415	'328' 00000
22nd	1600	10570	'724' 00000
	1700	8025	'724' 00000
24th	2115	6860	'368' 00000
	2215	5210	'368' 00000
25th	0810	7740	"418 00000" AF
	1800	5625	"624 00000" very bad AF
26th	0850	11415	'328' 00000
28th	0930	11780	'516' 00000
	0940	12570	'516' 00000
1st Feb	0715	6320	'374' 812 9 groups
	0800	10265	'352' 497 16 groups
	0800	5810	'418' 952 7 groups
	0810	7440	'418' repeat
	0810	9135	'352' repeat
	1400	11420	'493' 00000 (fast)
	1500	9260	'493' repeat
	1630	12180	'497' 00000 (fast)

	1730	10190	'497' repeat
	1800	5625	'624'
2nd	0700	12365	'729' 853 6 groups
	0710	14280	'729' repeat
	0820	6880	'471' 289 6 groups
	0830	7840	'471' repeat
	0830	7335	'745' 238 6 groups
	0840	9260	'328' 417 6 groups
	0850	11415	'328' repeat
3rd	1700	5070	'537' 248 6 groups
	1710	6337	'537' repeat
9th	0820	6880	'471' 289 (repeat of last weeks msg)
	0830	7335	'745' 238 (repeat of last weeks msg)
	0850	11415	'328' 417 (repeat of last weeks msg)
	1630	12180	'497' 582 43 groups
	1730	10190	'497' repeat
10th	1400	7865	'314' 259 7 groups
	1410	5310	'314' repeat
11th	0930	11780	'516' 420 9 groups
	0940	12570	'516' repeat
12th	1600	13380	'724' 00000 <i>also PoSW, see below*</i>
14th	2115	6780	'702' 00000
	2215	5190	'702' repeat

*Of the sending on 12-Feb-05, Saturday;- 1600 UTC, 6,922 KHz, PosW offers this extended log : "890 890 890 00000", S9 signal, similar transmission heard on the same frequency on the second and fourth Saturdays in the month in the early part of last year, moved to 6,772 KHz in the summertime. Unable to find a transmission at 1600 + 1700 UTC with call "724" or an S06 schedule at 1700 + 1800 UTC.

15-Feb-05, Tuesday;- 1731 UTC, 10,190 KHz, in progress when found with "497 497 497 00000", strong signal, lower sideband suppressed, close to S9+ "XJT" or something similar on the LF side which made copy difficult at times in AM but was eliminated completely by selecting USB mode. Stopped at 1734z.

16-Feb-05, Wednesday;- 0700 UTC, 12,365 KHz, "729 729 729 00000", strong signal but with severe distortion. [Tnx PoSW]

S06 Regular skeds

Week 1 starts at the first day of the month

Day	time (utc)	2005	2005	2004	long/ short 0	ID	ID
		jan	feb	march		jan	feb
mon	06.00	4580	4580		slow	967	967
mon	06.10	6420	6420		slow	967	967
mon	08.00				fast		
mon	08.10			10420	fast		
mon	12.00	1hr later			slow		
mon	12.10	1hr later			slow		
mon	13.00	8420	8420	9145	slow	831	
mon	13.10	10635	10625	11460	slow	831	
mon	20.15	6860			fast	368	
mon	21.15	5210	6780	8120	fast	368	702
mon	22.15		5190				702
tue	07.00	5250	5250	5760	slow	374	374
tue	07.15	6320	6320	6930	slow	374	374
tue	08.00				fast		
tue wk2,4	08.00	10625	10625		slow	352	352
tue wk2,4	08.10	9135	9135		slow	352	352
tue	08.00	5810	5810	5810	slow	418	418
tue	08.10	7440	7440	7440	slow	418	418
tue S25	09.00						
tue E06	11.00				fast		
tue E06	12.00				fast		
tue	14.00		11420		fast		493
tue	15.00		9260		fast		493
tue	16.30	9190	12180	14561	fast	516	497
tue	17.30	7640	10190	12194	fast	516	497
tue	18.00			6508	slow		
tue	18.00	5625	5625	5680	slow	624	624
tue	18.10	6605	6605		slow	624	624

tue	18.50			8060	fast		
tue	19.00			5108	fast		
tue	19.10						
tue	19.50			6780	fast		
tue	19.50						
tue E06	20.00				fast		
tue	20.15						
tue E06	21.00				fast		
wed	07.00	12365	12365	13420	slow	729	729
wed	07.10	14285	14280	15380	slow	729	729
wed	08.20	6880	6880	7605	slow	471	471
wed	08.30	7840	7840	9255	slow	471	471
wed	08.30		7335	7335	slow		745
wed	08.30			6800			
wed	08.40	9260	9260	9260	slow	328	328
wed	08.50	11415	11415		slow	328	328
wed E06	08.50				fast		
wed	09.00				slow		
wed	11.00						
wed	11.10						
wed	12.30	8530	8530	9220	slow	371	371
wed	12.40	7520	7520		slow	371	371
wed E06	14.05	11140	12205		fast	457	457
wed	14.30						
wed E06	15.05	9170	10190		fast	457	457
wed E06	15.00				fast		
wed E06	15.00						
wed	15.15				fast		
wed	15.30						
wed	16.30	9190	12180		fast	516	497
wed	17.30	7640	10190		fast	516	497
wed	19.50				fast		
wed E06	21.00	6845	6845/6940		fast	403	138
wed E06	22.00	5260	5439/5460		fast	403	138
thu E06	05.00				fast		
thu E06	06.00	8130 ?			fast		
thu E06	06.00						
thu	09.30		11780				516
thu	09.40		12570				516
thu	10.00	8533	8533	9225	slow	895	895
thu	10.10	10480	10480	11515	slow	895	895
thu E06	11.00	not found			fast		
thu E06	12.00	not found			fast		
thu	14.00	7865	7865		slow	314	314
thu	14.10	5310	5310		slow	314	314
thu E06	15.00	10185			fast	681	
thu E06	16.00	8152			fast	681	
thu	16.00						
thu	16.10						
thu	17.00	5070	5070	6464	slow	537	537
thu	17.10	6337	6337		slow	537	537
thu E06	20.30	4836	4836		fast/slow	321	321
thu E06	21.20				fast		
thu E06	22.00						
fri E06	05.00				fast		
fri E06	06.00				fast		

fri	06.00			6340	slow		
fri	06.10			5470	slow		
fri	06.00				slow		
fri	06.10			8695	slow		
fri	08.10			12210			
fri	09.30	11780	11780		slow	516	516
fri	09.40	12570	12570		slow	516	516
fri E06	21.30	4760	4762		fast/slow	472	472
sat	13.30				fast		
sat E06	14.00				fast		
sat E06	15.00				fast		
sat	16.00				fast		
sat	16.00	10570	13380		fast	724	724
sat	17.00			12190			
sat	17.00	8025		10380	fast	724	
sat	18.00			10460	fast		
sat	19.00						
sat	20.00						
sat E06	21.00		8060		fast		567
sat E06	22.00		6790		fast		567
sun E06	14.00				fast		
sun E06	15.00				fast		
sun	15.40			9065			
sun	17.00			6385			
sun E06	18.30	5820	5380	8150	fast	690	690
sun E06	19.30	4570	4465		fast	690	690

©ENIGMA200027/02/05

S10d

2846kHz 2020z 17/01AF
20/01[555 missed 16 34] //3564 poor condx Plondon
4446kHz 2130z 01/01[555 878 72 ??] //5903 both poor Plondon
2130z 13/01AF
2130z 15/01AF
2130z 20/01[555 327 40 41] fair readable Plondon
5028kHz 1755z 11/01very weak, in progress AF
5272kHz 2050z 02/01[555 477 57 27] Plondon
2050z 09/01[555 825 74 18] Plondon
2050z 16/01[555 606 79 39] //5904 Plondon
7745kHz 1855z 04/01[555 77? ?? ??] weak, poor condx. Plondon
8175kHz 1520z 01/01[555 315 34 22] //9985 Plondon
1520z 08/01[555 649 22 29] //9986 Plondon

2846kHz 2020z 07/02[555 447 57 20] // 3564 PLondon
4446kHz 2130z 10/02[555 843 20grps] RNGB //5904
2130z 12/02[555 843 58 20] //5904 PLondon
5272kHz 2050z 06/02[555 301 15 34] //5904 Plondon
7745kHz 1855z 01/02[555 505 18 groups]RNGB
8175kHz 1520z 05/02[555 964 43 33] //9986kHz PLondon

S11a Cherta

Nil Reports

S17c From 1st March 2005 freqs are: 5301//8190kHz

As you all saw in the last NL the 5f on 28/12 was a peculiar one indeed; 27063, another out of the usual run was that heard on 03/01 by DoK and PLondon being 77027.

Others from AF, hfd and others:

01/01 76032; 02/01 82042; 03/01 77027; 04/01 73029; 05/01 76032; 06/01 82042; 07/01 75028; 09/01 76034; 11/01 74029; 12/01 79027; 13/01 71033; 14/01 74028; 15/01 67326; 17/01 93030; 19/01 69038; 20/01 65026; 22/01 62026; 24/01 74027; 26/01 82046; 27/01 58027; 28/01 79027; 29/01 75027; 30/01 86046;

Feb05:

01/02 69029; 02/02 69027; 03/02 86046; 05/02 67029; 07/02 84044; 08/02 65033; 09/02 66028; 10/02 76029; 11/02 75032; 12/02 79034; 14/02 71032; 15/02 71034; 17/02 70030; 19/02 72037; 20/02 75036; 21/02 70030; 22/02 71034; 23/02 62032; 24/02 70030; 26/02 82029

S21

3323kHz 1842z 13/01 ended 1854z AF
3823kHz 1842z 18/01[323 very bad] AF

S25

AnonUK wrote about the designation of S25 [See page 29 of Issue 26].

"Looking at the control list I see what we last heard is covered by S25a. My last logging of 9th December 2004

11115kHz 0900z 09/12[637 53924 637 58204 22222 50764 22222 57824 00000]AnonUK.

It included the 11111 and 22222 and was a longish transmission of 18 minutes."

We note that Gert intercepted a similar earlier transmission:

11115kHz 0900z 07/12[637 637 637 30752 30752 22222,rpt 31362 11111 00000]Gert

and likewise contained the 11111 and 22222 groups.

Spanish Lady Transmissions:

All of the V02 Spanish speaking YL transmissions heard in the UK in the early mornings, i.e. starting up at 0600 or 0700 UTC and ending 45 minutes or thereabouts later have been extremely weak signals throughout the winter months; sometimes it was just about possible to detect the presence of the Senorita from Havana on an expected frequency by using the receiver in a single sideband mode and swinging the tuning by a few hundred Hz which sometimes revealed the heterodyne of a very weak carrier but there have not been many occasions when it has been possible to hear the 5Fs. A few loggings listed below;-

16-Dec-04, Thursday;- 0637 UTC, 8,097 KHz, regular Thursday V02 in progress, very weak signal.

19-Dec-04, Sunday;- 0800 UTC, 9,354 KHz, was heard in November with a reasonable signal, starting up this morning very weak, unreadable.

31-Dec-05, Friday;- 2224 UTC, 6,797 KHz, V02 in the UK evening, very weak signal, pause after every 10th 5F, was logged with a much stronger signal on 10-Dec.

6-Jan-05, Thursday;- 0636 UTC, 8,097 KHz, this has made it into the New Year, very weak signal but stronger than most V02s these days!

7-Jan-05, Friday;- 0633 UTC, 8,010 KHz, very weak signal.

2218 UTC, 6,797 KHz, has survived into 2005, strength S6 with a short echo effect, multi path propagation perhaps. May have started late, no sign when 6,797 was checked at 2200z.

14-Jan-05, Friday;- 2202 UTC, 6,797 KHz, starting up with a very weak signal, could just make out the "Atencion".

28-Jan-05, Friday;- 2133 UTC, 6,855 KHz, very weak transmission in progress as per Mark Slaten's V02c list; just possible to make out the YL voice.

2208 UTC, 6,797 KHz, strength S5.

29-Jan-05, Saturday;- 0700 UTC, 9,153 KHz, very weak signal, only just detectable.

4-Feb-05, Friday;- 2126 UTC, 6,855 KHz, slightly stronger than last Friday.

2203 UTC, 6,797 KHz, just finishing the call-up and into 5Fs, strength S7, best, most audible V02 of any kind for some time.

5-Feb-05, Saturday;- 0732 UTC, 9,153 KHz, weak but readable.

16-Feb-05, Wednesday;- 0634 UTC, the two Wednesday 0600z transmissions are still around, both very weak signals but first time heard at all for several weeks, 9,331 KHz and another on 8,010 KHz with FSK QRM.

19-Feb-05, Saturday;- 0743 UTC, 9,153 KHz, transmission in progress, strength S5 - by far the strongest morning V02 signal for a long time but was very weak, only just detectable, at start-up at 0700z. Perhaps there will be a general improvement now that we are starting to gain daylight quite rapidly in the mornings. Ended with 3 x "Finale" a bit before 0746z.

20-Feb-05, Sunday;- 0813 UTC, 9,354 KHz, this Sunday schedule was heard in the last two months of 2004 but I couldn't find it in 2005 until today. Very weak signal. [Tnx PoSW]

V02a

We kick off the New Year with a report from MarkT[US]: 4028kHz. 0306 - 0336z 04/01 V2a broadcast in progress at 0306. At 0307 there was about 20 seconds of dead air, then M8a picked up. M8a continued until 0336 then ended.[Tnx Mark].

3245kHz 0500z 31/01[USB Weak, S1-2]ZWUS
3292kHz 0400z 01/02[USB Extremely weak here, S0]ZWUS
3389kHz 0500z 01/02[USB Under digital QRM]ZWUS
6768kHz 0400z 03/01(in progress)MS
8097kHz 0500z 03/02[USB I/P; Very strong S9 and very clean signal!]ZWUS
8136kHz 0900z 06/02[late start - 0903z) ----- 42243 -----]MS
9153kHz 0700z 01/01[A79663 22712 38712 (YL/SS)]MS
0500z 31/01[USB Strong, S9]ZWUS
11566kHz 1300z 06/02[A75643 23733 88213 (YL/SS)]MS

V02c

6797kHz 2200z 02/01[A346 72x5 (R3) 73511 91082 (YL/SS)]MS
2200z 03/01[A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 (YL/SS)]MS
2200z 02/02[in progress] MS
2239z 06/02[Loud and Clear] E
6855kHz 2100z 03/01[A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 (YL/SS)]MS

7520kHz 0906z 07/01[msg in progress]RNGB
 7527kHz 0900z 13/01[not copied]RNGB
 7887kHz 2000z 03/01[A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . . (YL/SS)]MS
 8097kHz 1900z 03/01[A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . . (YL/SS)]MS

Into February's transmissions:

6797kHz 2200z 04/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2200z 05/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2200z 06/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2200z 10/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2200z 14/02[A346 72x5 (R3) 73511 91082]MS
 2200z 15/02[A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . . (YL/SS)]MS
 2200z 18/02[A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . . (YL/SS)]MS
 2235z 19/02[(YL/SS in traffic, moved to correct freq from 6855m sometime after 2205z)]*MS
 6855kHz 2102z 04/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2100z 05/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2100z 06/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2100z 10/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2100z 11/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2100z 14/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2100z 19/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2200z 19/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS (This sked should be on 6797m, brdcast on wrong freq correction mid message)]*MS
 7887kHz 2000z 04/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 Note: 2100-2102z Freq:7887kHz A346 72x5 (R2) (Stopped at 2102z and moved to correct freq of 6855m)]MS
 7887kHz 2000z 04/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 Note: 2005-02-04, 2100-2102z Freq:7887kHz A346 72x5 (R2) (Stopped at 2102z and moved to correct freq of 6855m)
 Notes: V02c came up on wrong freq [7887kHz] at 2100z, but corrected at 2102z. This OP sure seems to have a problem getting the freq set up ahead of time.
 7887kHz 2000z 05/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2000z 06/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2000z 10/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2000z 11/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 2000z 19/02(in progress, very weak signal - YL/SS)]MS
 7975kHz 1000z 12/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 8010kHz 1700z 06/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 8097kHz 1900z 06/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS
 Note: On 06/02 MS observed, "Searched at 0900/1000z for the early morning V02c skeds, but did not hear on known freqs this morning."
 8097kHz 1900z 19/02[A346 72x5 (R3) 73511 91082 . . . (YL/SS)]MS

[A massive thank you to MS in America for his assistance with this column and for answering our few questions – tnx Mark]

V02c schedule from MS:

<u>Day</u>	<u>0900z</u>	<u>1000z</u>	<u>1700z</u>	<u>1800z</u>	<u>1900z</u>	<u>2000z</u>	<u>2100z</u>	<u>2200z</u>
Sunday	7887m	7975m	8010m	8097m	8097m	7887m	6855m	6797m
Monday	7527m	7681m	8010m	8097m	8097m	7887m	6855m	6797m
Tuesday	7520m	7887m	8010m	8097m	8097m	7887m	6855m	6797m
Wednesday	7482m	7862m	8010m	8097m	8097m	7887m	6855m	6797m
Thursday	7527m	7681m	8010m	8097m	8097m	7887m	6855m	6797m
Friday	7520m	7887m	8010m	8097m	8097m	7887m	6855m	6797m
Saturday	7887m	7975m	8010m	8097m	8097m	7887m	6855m	6797m

V07

Reports on this station have been few, it can be heard on Tuesdays and Thursdays.

Its frequency series have been:

July	Aug	Sept	Oct	Nov	Jan05	Feb05
0600z 13837	13837	13381	14521	12152		13366
0620z 14937	14937	14781	15821	13552	12179	14866
0640z 16637	16637	16281	17421	14953		
ID <u>896</u>	<u>896</u>	<u>372</u>	<u>584</u>	<u>159</u>	<u>814</u>	<u>382</u>

12179kHz 0620z 11/01[814 000]AF
 0620z 25/01[814 000]AF

13366kHz 0600z 17/02[382:0] hfd
 14866kHz 0620z 17/02[382:0] hfd

03 Fri 00418/00197; 07Tu 00294/00213; 10 Fri 00489/00223; 14 Tu Null; 17 Fri 00749/00081;

21 Tu 00693/00047; 24 Fri Null; 28 Tu 00426/00195; 31 Fri 02756/00133

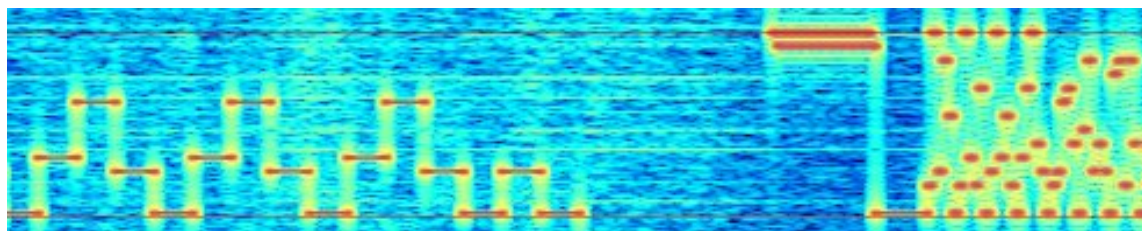
With a new interest in the Polytone sendings evident it would be a pity to see them disappear. In comment PLondon stated that there must be other polytone sendings. He has intercepted weak early morning transmissions in the past, at 0500z, on an archived frequency, and as he remarked then, 'Just because we do not hear them does not mean they do not exist.' Obviously if polytones are your thing and you reside in other time zones than give the bands a search.

Now onto the logs:

XP

XP Daily Log MONTH: January 2005

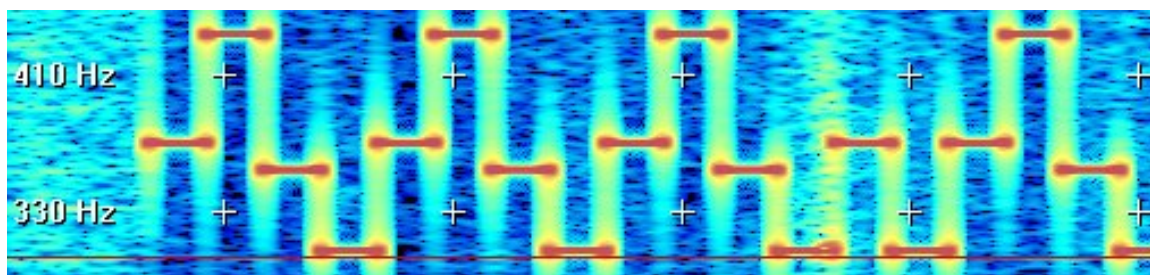
The first sending of 2005 was predicted accurately and produced a 207 group message at good strength. PLondon's spectrogram of the 0700z sending:



©PLondonJan2005

	1. 0700z <u>ID261</u>	9248kHz	2. 0720z 10648kHz	3 0740z 12148kHz
	dk/gc [Underline: tally mark seen]			
04 Tu	00195/00207	[S7-9 ^20dBs	40dBs v good sigs	Variable 7-20dBs]
07 Fri	03495/00123	[S7-9	S7-9	S9]
11 Tu	03495/00123	[S7-9	S9^20dBs	S9]
14 Fri	01296/00225	[Missed	S9 noisy	S9-20dBs]
18 Tu	05638/00229	[S20dBs	S20-40dBs variable	S9^20dBs variable]
21 Fri	<u>00896/00057</u> <u>05638/00229</u>	[S7 poor, noisy	S9^20dBs	S9^20dBs gd sig]
25 Tu	Null	[S9 noisy	S9	NRH]
28 Fri	00165/00187	[S9 deep fades	20dBs	20dBs variable]

On 21/01 the XP intercept produced a two message format sending.



©PLondon21Jan2005

The above image shews the cyclic nature of the ident and message indicator. [In this case 261 261 261 2 261 from the first character sending, as illustrated on the message below, in blue].

Note the tones in use in XP are as follows[Hz]:

303: Space, 319: End,

335 : 0, 351 : 1, 367 : 2, 383 : 3, 399 : 4, 415 : 5, 431 : 6, 447 : 7, 463 : 8, 479 : 9

495 : Start, 511: Repeat

[illegible]

The good run of messages in January was interrupted by the null sending on 25/01.

XP Daily Log MONTH: February 2005:

41

<u>Date</u>	<u>Day</u>	<u>Time (utc)</u>	<u>TX</u>	<u>Name</u>	<u>Freq (kHz)</u>
3	thu	08.00	E17z	English lady 00000	11170
3	thu	18.02	M45	morse family of S21	4555 4955
3	thu	18.30	G06	German lady 00000	4519, 5934 or 6887
3	thu	18.42	S21	Russian Lady	4454 4854
3	thu	21.10 / 30 / 50	E07	English man 000 000	7614 ????
3	thu	23.00	G22	German Edna Sednitzer	4462 4588 4823 5119 or 5937 likes 1st thu
4	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
4	fri	07.00 / 20 / 40	XP	Polytones	10923 12123 13523
4	fri	08.00	E11	Oblique	8091
4	fri	10.30	E11	Oblique	8759
4	fri	12.30	E11	Oblique	8544
4	fri	19.00 / 20 / 40	M12	morse family of E07	10343 9164 7849
4	fri	19.30	G06	German lady 00000	5442
5	sat	08.00	M03	morse family of E11	8186 9339 or 7377
5	sat	18.30 / 50 / 19.10	M12	morse family of E07	12215 11054 9436
6	sun	18.00 / 20 / 40	E07	English man 000 000	search, feb freqs 7679 6863 5938
7	mon	11.55	E23	Former Swedish Rapsody	8188
7	mon	19.00	G06	German lady 00000	search 6000 - 8400 kHz
7	mon	20.00	G06	German lady 00000	search 4400 - 7000 kHz
7	mon	21.00 / 20 / 40	E07	English man 000 000	9420 8185 6817
7	mon	22.45	S04	Edna Sednitzer	3323 or 3868 likes 2nd mon / tue of month
8	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
8	tue	07.00 / 20 / 40	XP	Polytones	10923 12123 13523
8	tue	08.30	E11	Oblique	8544
8	tue	10.30	E11	Oblique	8759
8	tue	12.30	E11	Oblique	8544
8	tue	13.00	E11	Oblique	8800
8	tue	18.02	M45	morse family of S21	4555 4955
8	tue	18.42	S21	Russian Lady	4454 4854
8	tue	22.45	S04	Edna Sednitzer	3323 or 3868 likes 2nd mon / tue of month
9	wed	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
9	wed	11.55	E23	Former Swedish Rapsody	8188
9	wed	18.00 / 20 / 40	E07	English man 000 000	search, feb freqs 7679 6863 5938
9	wed	21.00 / 20 / 40	E07	English man 000 000	9420 8185 6817
10	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
10	thu	08.00	E11	Oblique	7663
10	thu	08.00	E17z	English lady 00000	11170
10	thu	11.55	E23	Former Swedish Rapsody	8188
10	thu	18.02	M45	morse family of S21	4555 4955
10	thu	18.30	G06	German lady 00000	4519, 5934 or 6887
10	thu	18.42	S21	Russian Lady	4454 4854
10	thu	21.10 / 30 / 50	E07	English man 000 000	7614 ????
10	thu	23.00	G22	German Edna Sednitzer	4462 4588 4823 5119 or 5937 likes 1st thu
11	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
11	fri	07.00 / 20 / 40	XP	Polytones	10923 12123 13523
11	fri	08.00	E11	Oblique	8091
11	fri	10.30	E11	Oblique	8759
11	fri	12.30	E11	Oblique	8544
11	fri	19.00 / 20 / 40	M12	morse family of E07	10343 9164 7849
11	fri	19.30	G06	German lady 00000	5442
12	sat	08.00	M03	morse family of E11	8186 9339 or 7377
12	sat	18.30 / 50 / 19.10	M12	morse family of E07	12215 11054 9436
13	sun	18.00 / 20 / 40	E07	English man 000 000	search, feb freqs 7679 6863 5938
14	mon	21.00 / 20 / 40	E07	English man 000 000	9420 8185 6817
14	mon	22.45	S04	Edna Sednitzer	3323 or 3868 likes 2nd mon / tue of month
15	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
15	tue	07.00 / 20 / 40	XP	Polytones	10923 12123 13523
15	tue	08.30	E11	Oblique	8544

<u>Date</u>	<u>Day</u>	<u>Time (utc)</u>	<u>TX</u>	<u>Name</u>	<u>Freq (kHz)</u>
15	tue	10.30	E11	Oblique	8759
15	tue	12.30	E11	Oblique	8544
15	tue	13.00	E11	Oblique	8800
15	tue	18.02	M45	morse family of S21	4555 4955
15	tue	18.42	S21	Russian Lady	4454 4854
15	tue	22.45	S04	Edna Sednitzer	3323 or 3868 likes 2nd mon / tue of month
16	wed	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
16	wed	18.00 / 20 / 40	E07	English man 000 000	search, feb freqs 7679 6863 5938
16	wed	21.00	S11a	Cherta	3823 4016 4465 or 5180 or search
16	wed	21.00 / 20 / 40	E07	English man 000 000	9420 8185 6817
17	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
17	thu	08.00	E11	Oblique	7663
17	thu	08.00	E17z	English lady 00000	11170
17	thu	18.02	M45	morse family of S21	4555 4955
17	thu	18.30	G06	German lady 00000	4519, 5934 or 6887
17	thu	18.42	S21	Russian Lady	4454 4854
17	thu	21.10 / 30 / 50	E07	English man 000 000	7614 ????
17	thu	23.00	G22	German Edna Sednitzer	4462 4588 4823 5119 or 5937 likes 1st thu
18	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
18	fri	07.00 / 20 / 40	XP	Polytones	10923 12123 13523
18	fri	08.00	E11	Oblique	8091
18	fri	10.30	E11	Oblique	8759
18	fri	12.30	E11	Oblique	8544
18	fri	19.00 / 20 / 40	M12	morse family of E07	10343 9164 7849
18	fri	19.30	G06	German lady 00000	5442
19	sat	08.00	M03	morse family of E11	8186 9339 or 7377
19	sat	18.30 / 50 / 19.10	M12	morse family of E07	12215 11054 9436
20	sun	18.00 / 20 / 40	E07	English man 000 000	search, feb freqs 7679 6863 5938
21	mon	11.55	E23	Former Swedish Rapsody	8188
21	mon	21.00 / 20 / 40	E07	English man 000 000	9420 8185 6817
22	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
22	tue	07.00 / 20 / 40	XP	Polytones	10923 12123 13523
22	tue	08.30	E11	Oblique	8544
22	tue	10.30	E11	Oblique	8759
22	tue	12.30	E11	Oblique	8544
22	tue	13.00	E11	Oblique	8800
22	tue	18.02	M45	morse family of S21	4555 4955
22	tue	18.42	S21	Russian Lady	4454 4854
23	wed	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
23	wed	11.55	E23	Former Swedish Rapsody	8188
23	wed	18.00 / 20 / 40	E07	English man 000 000	search, feb freqs 7679 6863 5938
23	wed	21.00 / 20 / 40	E07	English man 000 000	9420 8185 6817
24	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
24	thu	08.00	E11	Oblique	7663
24	thu	08.00	E17z	English lady 00000	11170
24	thu	11.55	E23	Former Swedish Rapsody	8188
24	thu	18.02	M45	morse family of S21	4555 4955
24	thu	18.30	G06	German lady 00000	4519, 5934 or 6887
24	thu	18.42	S21	Russian Lady	4454 4854
24	thu	21.10 / 30 / 50	E07	English man 000 000	7614 ????
24	thu	23.00	G22	German Edna Sednitzer	4462 4588 4823 5119 or 5937 likes 1st thu
25	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
25	fri	07.00 / 20 / 40	XP	Polytones	10923 12123 13523
25	fri	08.00	E11	Oblique	8091
25	fri	10.30	E11	Oblique	8759
25	fri	12.30	E11	Oblique	8544
25	fri	19.00 / 20 / 40	M12	morse family of E07	10343 9164 7849
25	fri	19.30	G06	German lady 00000	5442

<u>Date</u>	<u>Day</u>	<u>Time (utc)</u>	<u>TX</u>	<u>Name</u>	<u>Freq (kHz)</u>
26	sat	08.00	M03	morse family of E11	8186 9339 or 7377
26	sat	18.30 / 50 / 19.10	M12	morse family of E07	12215 11054 9436
27	sun	18.00 / 20 / 40	E07	English man 000 000	search, feb freqs 7679 6863 5938
28	mon	09.55	E23	Former Swedish Rapsody	8188
28	mon	20.00 / 20 / 40	E07	English man 000 000	9420 8185 6817
29	tue	06.00 / 20 / 40	XP	Polytones	10923 12123 13523
29	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
29	tue	08.30	E11	Oblique	8544
29	tue	10.30	E11	Oblique	8759
29	tue	12.30	E11	Oblique	8544
29	tue	13.00	E11	Oblique	8800
29	tue	17.42	S21	Russian Lady	4454 4854
29	tue	18.02	M45	morse family of S21	4555 4955
30	wed	05.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
30	wed	09.55	E23	Former Swedish Rapsody	8188
30	wed	17.00 / 20 / 40	E07	English man 000 000	search, feb freqs 7679 6863 5938
30	wed	20.00 / 20 / 40	E07	English man 000 000	9420 8185 6817
31	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
31	thu	08.00	E11	Oblique	7663
31	thu	08.00	E17z	English lady 00000	11170
31	thu	09.55	E23	Former Swedish Rapsody	8188
31	thu	17.42	S21	Russian Lady	4454 4854
31	thu	18.02	M45	morse family of S21	4555 4955
31	thu	18.30	G06	German lady 00000	4519, 5934 or 6887
31	thu	20.10 / 30 / 50	E07	English man 000 000	7614 ????
31	thu	22.00	G22	German Edna Sednitzer	4462 4588 4823 5119 or 5937 likes 1st thu

©ENIGMA200027/02/05

Thanks Gert!

ODDITIES

A recent question that has arisen on Group is to the validity of reports of the various noises bumps and squeaks that can be found on at any particular time.

ENIGMA 2000 welcome sensible reports of proper oddities, those in the ENIGMA Control List or those available on Brian Rodgers' excellent site.

Before you submit a sound please seriously consider if it fits into something unusual that we would be interested in, or is something that is a well known noise that needs no investigation.

Interference was much noted and mentioned in our roundabout of communication. DoK and PLondon both mentioned the continual hash of noise that has dominated the lower frequencies whilst PoSW suffered severe interference of another style of background hash right across the shortwave bands with a level of some several S points. This unwanted blight also peaked on certain parts of the spectrum.

PLondon runs a homebrewed spectrum analyser and he has noticed the rise in the noise floor across the entire spectrum. He has a plasma screen on his PC and was amazed to see the amount of hash generated between 11 and 22MHz as it cyclically moves across the screen. PLondon mentions the emission is mainly from the actual screen area with some spikes being superimposed on his mains wiring. *[He'll also get to see what hash his new TFT at work will kick up as he intercepts XP from his desk].*

PoSW correctly stated that the subject of interference is a growing problem at the best of times and also noted that the subject is largely ignored by radio magazines although PoSW sometimes hears members of the amateur fraternity lamenting on the subject. Plasma TVs are, PoSW states, a source of QRM.

Following some interesting remarks on Spooks ENIGMA 2000 received some "Extracts from "Spooks" Newsgroup postings - 9 Feb 2005 to 10 Feb 2005" from 'BritAnon' and make for some discussion as to what is going on from our American colleagues:

Extracts from "Spooks" Newsgroup postings - 9 Feb 2005 to 10 Feb 2005

The FCC never had any interest in Sam. There is no evidence to support the theory that they attempted to track it down. There isn't even any evidence that the FCC knows it exists. This was a myth propagated by some busy-bodies who wanted to be involved in a big 'bust'. There was a guy on another mailing list who said he called Homeland Security because this could be terrorists! Give me a break.

I continue to believe that this is a military DF exercise of some sort taking place in the southwest.

Damon (Cassell)

A military exercise that includes transmitting on WWV frequencies?

Chris Smolinski

Last night was the first time I ever heard the transmissions, and I only tuned in to 6500 kHz. The Spy Numbers website lists the other frequencies as 3700 (in the 75m ham band), 4300 and 10500 kHz. I have my doubts that the military would use a frequency in a ham band, but has it also been heard on top of WWV? Which WWV frequency?

Zack

10 and 15 MHz, perhaps 5 and 20 also. I know I heard it myself.

Chris Smolinski

I still believe this is just someone playing around. It wouldn't be hard to do with an HF transceiver and a computer control program. Perhaps the buzz at the beginning is something that will trigger VOX on an HF radio? This would keep the first syllable from being cut off.

I seriously doubt it's a military exercise, such as the SIGINT training station on 10225 and 16303. I don't think that even the military would transmit on 5000 and 10000 MHz under WWV. While it's true that the military can generally transmit wherever they want, they generally do not interfere with other stations. They also tend to stay out of the ham bands, while YS was heard on 3700. The idea of this being terrorists is patently absurd.

At any rate, we can all speculate all we want, but only time will tell what the purpose of this station is. Or, it may just disappear without anyone but the operator ever knowing why it existed.

Tom Sevart N2UHC

If it were Military, their first choice of course would be any frequency assigned to the Military. If it were the Military pulling some secret stunt, I find it more likely they would be using a band full of "hobbyists" (HAMs) rather than sitting on most likely THEIR governments time and frequency standard broadcasts with the possibility of throwing off systems using 10 MHz as their time reference such as seismic systems, traffic signals, some computers, broadcast facilities, Civil Defense stations around here etc..

Kurt (KD7JYK)

I know that it seems obvious to us that it would be a bad idea to use frequencies like the same ones WWV uses. This would only attract attention, right? And it would also make sense to avoid frequencies that amateur radio operators use. But we've seen Sam do both of these.

Yes, it's very possible that this could be someone screwing around for kicks. But in the context of a military DF exercise, I think it makes a lot of sense. That is, simulate conditions where you must locate a signal on a crowded band, perhaps even a signal sharing a frequency with a much stronger signal in another location. This would make DFing much more challenging.

Especially if the training is intended to ultimately be used in a real-life situation. I doubt that Al Queda fighters are using ITU band plans to coordinate their HF communications in the mountains of Afghanistan. Bin Laden is still out there in the mountains and he surely has some kind of communications network, probably based on HF and VHF radios. I still believe that this could be a military exercise used to train forces in foxhunting.

It is one method that could be used to capture a high value target who is on the run in a very large area.

Damon (Cassell)

If the purpose is to conduct a radio training exercise under conditions of QRM, then the agencies involved can produce the required QRM. I find it highly unlikely that the US military is going to QRM WWV, or operate in a ham band. It simply makes no sense, and proof of this happening would cause far too much bad PR to be worth the risk. To quote Wolfgang Pauli, it is not even wrong.

Chris Smolinski

I agree with you. My suggestion that this could be a military exercise isn't popular but I continue to believe it may be possible. One person suggested that the military and intelligence community has a worldwide network that allows them to DF signals, so exercises in foxhunting are redundant. I'm sure that network does exist, but you still need boots on the ground to go the last mile, especially in inhospitable places.

My theory has been that this could be a remote transmitter placed somewhere in the desert, with the purpose being to have a small group (special forces, paramilitary, etc) tasked with finding the transmitter using portable equipment. By diversifying the frequencies, playing with antenna orientation, and transmitting on top of other loud signals, you could add to the challenge. This is an exercise that could be valuable despite whatever worldwide DFing network exists. It simply seems far to elaborate to be a hoax.

Damon (Cassell)

Tnx BritAnon and 'Spooks'

Now onto a few 'Oddities'

GENERAL NOISE

There seems to be a rise in the noise floor that a few members in Britain and Europe have reported. We've heard nothing from the States and little from elsewhere on noise. Even though, I might add, there are probably a good percentage of non-contributing members who could report on this if it wasn't so difficult to contribute when it's so much easier just to take the newsletter without contributing. Bloody good value isn't it? You even qualify for that well known British award, the OBE [Other Bugger's Efforts].

E writes in with an interesting problem as he reports a continuous buzzing heard on all his radios all hours of the day, relentlessly. He writes that a phone mast has appeared locally and wonders if that may contribute to the problem. The answer is we do not know. However we are aware of interference being caused to mixing within receivers of high power VHF transmissions, especially where the IF is up in the low VHF range. [PLondon and JH both suffer this problem, whilst the front ends of some wideband rx's owned by DD also suffer interference].

One ENIGMA member once tracked down a source of constant interference to a rusty bolt on a power feed. The bolt was acting as a rectifier and thus an interference source. If you have any HV power feeds nearby E you might like to look into this.

E does mention that a long wire down the garden makes no difference to what he hears – so perhaps battery operation?

E also reports a loud rasping as:

11135kHz 1730z 11/02 [b/w of 35kHz to 11170kHz]

BACKWARDS MUSIC STATION (XM)

Nil Reports

CARRIERS [Blank]

Nil Reports

CRACKLE(XC)

8041kHz 1553z 26/11 Gert

FOGHORN

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.

JET (XJT)

3820kHz 2240z 11/01[stanag 600L]AF
4203.25kHz 1827z 11/01[stanag 600L]AF

MAZEILKA (X06)

PoSW writes, "Only one heard so far this year!;-

12-Jan-05, Wednesday;- 2201 UTC, 6,850 KHz, signal strength peaking S8, tones stopped after 2209z and carrier went off a few seconds afterwards. Listened until 2213z, nothing further heard."

Also reported by RNGB

6850kHz 2205z 12/01 RNGB

S28 [formerly XB]

It buzzes away on 4625kHz.
www.geocities.com/uvb76

4625kHz 1900z 15/01AF

S30 [The Pip]

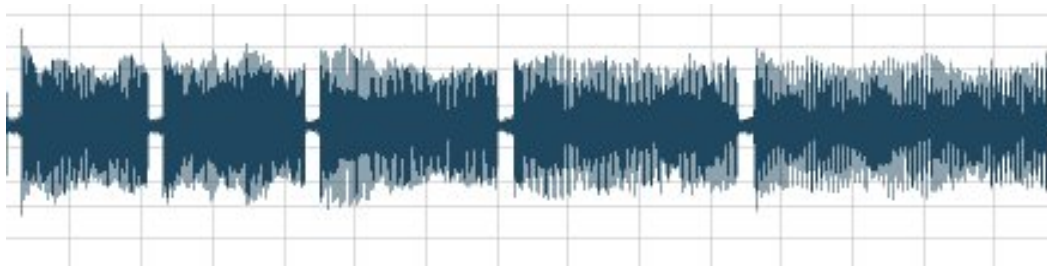
Continues to dominate 3757kHz in the 80M band also 5403.9kHz.

FROGS [XFR]

Following our entry in the last NL26 page 44 [A surprise interception of this peculiarity prior to E11 start up:
7663kHz 0750z 30/12 PLondon] Mikendbrs in Sussex also heard Frogs, sometime in February [please give full log details]

4860kHz 2100z [Feb!] LSB from Mikendbrs.

Asking what he had heard the answer was supplied as XFR, OHTR/Chirpsounder.



©ENIGMA200013Feb2005

Looking at the above spectral image, taken from the XFR sound sample it is easy to realise why XFR sounds as it does, with a lowering chirp and seemingly longer pulse train.

XFR was heard again on:

9166kHz 0743z 26/02 PLondon

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

XSW [SQUEAKY WHEEL]

3829kHz continues to be the home of XSW.

3828kHz 2115z 06/02 GW

XWP [Wop Wop]

This particular sound can be heard doing its stuff around the 6 and 8MHz bands. Note that the signal changes frequency every 20 mins and takes the odd break too. Believed to be Coastal Radar, samples exist in our sound samples file in group.

TELEPRINTER 4710

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

TONES

5774kHz 1939z 06/02[Continuous electronic tone off at 1940z and hrd earlier]. E

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

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

Frequency information and trends can be downloaded from:

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

Thanks to AB, AF, Anon UK, AnonNI, AR, BMDartford, CD, D of Kent, 'E', GallusGallus, Gert of Holland, HFD, IB, IW, J of Aylesbury, JM, JMM, K of Kent, LP, LW Ben Mesander, Mike of Kent, Mark Slaten, PLondon, Peter of Saffron Walden, RNGB, and all others for their contributions to the Morse, Voice and Oddities columns.

Before we move onto the conclusion of HJH's in-depth look at the 'Sons of Glyndwr' a look at an archived chart originally supplied to an ENIGMA 2000 member by a Chirpsounder manufacturer in Redhill, Surrey. That chart had other more secretive users on it, such as 264 Sigs, and another specialist regt, but is now presentable without that info present:

Chirpsounders [Archive]

LOCATION	LAT/LONG		POWER START TIMES (MIN:SEC PAST HOUR)				
(Europe)							
FARNSBOROUGH, UK	51 16	0 39	10	EVERY	5MINUTES	STARTING	01:04
CHELVESTON, UK	52 18	0 31	100	EVERY	5MINUTES	STARTING	01:02
AKROTIRI, CYPRUS	34 37	32 56E	100	EVERY	5MINUTES	STARTING	01:14
EDLES13OROUGH, UK	51 51	0 36W	100	EVERY	5MINUTES	STARTING	01:18
PALHAIS, PORTUGAL	38 36	9 01	100	01:24	16:24	31:24	46:24
GIBRALTAR	36 09	5 21	100	EVERY	5MINUTES	STARTING	01:30
HEHN, GERMANY	51 10	6 22E	10	01:34	16:34	31:34	46:34
INSKIP, UK	53 51	2 50W	100	EVERY	5MINUTES	STARTING	01:38
MILLTOWN, UK	57 40	3 34	100	EVERY	5MINUTES	STARTING	01:42
HELGELANDMOEN, NORWAY	60 06	10 13E	10	EVERY	5MINUTES	STARTING	01:54
SCHOOL OF SIGNALS, UK	50 52	2 11W	100	EVERY	5MINUTES	STARTING	01:56
ELMSHORN, GERMANY	53 45	9 39E	10	02:26	32:26		
LAJES, AZORES	38 46	30 55W	10	EVERY	5MINUTES	STARTING	02:30
BOEBLINGEN, GERMANY	48 40	9 02E	10	02:32	17:32	32:32	47:32
HAVELTE, NETHERLANDS	52 47	6 12	10	02:36	17:36	32:36	47:36
SICONELLA, ITALY	37 42	14 55	10	02:42	17:42	32:42	47:32
EDINGEN, GERMANY	149 27	8 37	10	02:48	17:48	32:48	47:38
SOUDA BAY, GREECE	35 30	24 04	10	EVERY-5	MINUTES	STARTING	02:56
KEFLAVIK, ICELAND	63 59	22 36W	10	05:46	20:46	35:46	50:46
IZMIR, TURKEY	38 28	27 0GE	10	06:2,8	21:28	36:28	51:28
SAMSUN, TURKEY	41 18	36 20	150	06:50	21:50	36:50	51:50
THURSO, UK	58 36	3 30W	10	07:02	22:02	37:02	52:02
BANN-B, GERMANY	49 23	7 36E	10	07:34	22:34	37:34	52:34
ROTA, SPAIN	36 37	6 21W	10	07:46	22:46	37:46	52:46
PIRMASENS, GERMANY	49 10	7 40E	10	07:54	22:54	37:44	52:54
BREMERHAVEN, GERMANY	53 32	9 35	10	12:40	27:40	42:40	57:40
NELLINGEN, GERMANY	48 43	9 16	10	12:44	27:44	42@44	57:44
CROUGHTON, UK	52 00	1 21W	10	14:44	29:44	44:44	59:44
(AISA / AUSTRALIA / ATLANTIC / PACIFIC)							
BERMUDA	32 15	64 51	10	00:28	15:28	30:28	45:28
LUALUALEI, HI	21 25	158 09	10	03:10	18:10	33:10	48:10
ASCENSION ISLAND (UK)	7 57S	14 22	100	EVERY	5MINUTES	STARTING	04:02
RAF, FALKLAND ISLANDS	51 45	57 56	100	EVERY	5MINUTES	STARTING	04:04
BELIZE	17 52N	81 18	100	EVERY	5MINUTES	STARTING	04:06
ASCENSION ISLAND (US	7 55S	14 24	10	05:38	20:38	35:38	50:38
EXMOUTH, AUSTRALIA	21 54S	114 07E	10	08:08	23:08	38:08	53:08
HONG KONG	22 13N	114 15E	100	08:20	23:20	38:20	53:20
TOTSUKA, JAPAN	35 25	139 33	10	08:20	23:20	39:20	53:20
DIEGO GARCIA, INDIAN O	7 20S	72 20	10	13:04	28:04	43:04	58:04
CAPAS, PHILIPPINES	5 23N	120 36	10	13:06	18:06	33:06	48:06
GUAM	13 28	144 48	10	13:24	28:24	43:24	58:24

LOCATION	LAT/LONG		POWER	START TIMES (MIN:SEC PAST HOUR)				
(North America / North Atlantic)								

EGLIN AFB, FL	30°39'N	86°30'W	10w	00:00	15:00	30:00	45:00
AVON PARK, FL	27 38	81 21	10	00:06	15:06	30:06	45:06
NORTH ISLAND, CA	32 42	117 12	10	00:20	15:20	30:20	45:20
MACDILL AFB, FL	27 51	82 29	10	00:24	15:24	30:24	45:24
ALDERGROVE, CAN	49 04	122 15	10	00:26	15:26	30:26	45:26
NEWPORT CORNER, CAN	44 S8	63 59	10	00:32	15:32	30:32	45:32
BERGSTROM AFB, TX	30 13	97 48	10	00:40	15:40	30:40	45:40
DRIVER, VA	36 49	76 32	10	00:50	15:50	30:50	45:50
CAMP LEJEUNE, NC	34 40	77 20	10	00:54	15:54	30:54	45:54
DAVIDSONVILLE, MD	38 32	89 51	10	04:44	19:44	34:44	49:34
ADAK, AK	51 54	176 35	10	05:12	20:12	35:12	50:12
BRUNSWICK, ME	45 54	69 56	10	05:36	20:36	35:36	50:36
JACKSONVILLE, FL	30 14	81 40	10	05:48	20:48	35:48	50:48
SADDLE BUNCH KEY, FL	24 39	81 36	10	05:56	20:56	35:56	50:56
MOFFETT FIELD, CA	37 25	122 03	10	10:42	25:42	40:42	55:42
CECIL FIELD, FL	30 13	81 53	10	10:52	25:52	40:52	55:52

[Thanks, GT]

Take a dekho here for some interesting digital sounds and spectrograms:
<http://rover.wiesbaden.netsurf.de/~signals/TABLES/ALE.HTML>

Now onto the written word!

Before we move onto the conclusion of the informative article on Meibon Glydwr we include this interesting 'maritime' update from HJH:

RECYCLED AGI [Auxilliary Gatherer of Intelligence – *Spyship, Trawler or what you will*].
 From the pen of HJH



Built Neptunwerft, Rostock and launched 27th February, 1982 the 'Jasmund' was commissioned on 12th June 1992. Having a range of 1000 miles at 12 knots it has a compliment of 60 and is powered by one Kolomna Type 40-DM diesel.

See: http://www.losbarcosdeeugenio.com/barcos/en/ae_A111.html

Better Image available from : http://www.losbarcosdeeugenio.com/fotos/ae_A111.jpg

Germany, now reunified, has acquired a great deal of military hardware as a result of this re-unification. A large proportion of this has been passed on to other nations, either by way of sale, or other transactions.

One nation, Spain, seems to have done particularly well out of this, by the acquisition of a former vessel of the Volksmarine (Peoples Navy) of the now defunct GDR (East Germany).

The vessel concerned is the 1,900 ton "Jasmund", a purpose built intelligence gatherer, known as an AGI. This distinctive looking vessel was, during her East German naval service, easily distinguishable by virtue of her prolific antenna array mounted amidships, and the large radome mounted near her stern.

Now re-named "Alerta", she has been fitted out with a new SIGINT suite, and has been adapted for radar test and development work. She is reported to be based in the Spanish port of Cartagena, from where, one source has stated, she will patrol the Straits of Gibraltar and the coast of North Africa.

One wonders what the purpose of this purchase and the SIGINT outfitting and tasking can be. One also wonders about the location and reputed area of operations also being of interest, given that Spain would, under her new socialist government who seem so keen to offend no-one, to have no enemies.

Can the long running claim on Gibraltar have any influence on this acquisition and tasking, and is it connected with the ongoing "Santiago" project, which, the same source says, involves a Boeing 707 jet transport aircraft of the Spanish Airforce being fitted with a SIGINT/ELINT suite.

This work is being done by, one source states, Eta Electronics and Beda Aviation, both Israeli companies, and CESELSA, a Spanish company. Another, a Spanish source, states that the bulk of the equipment and instruments on board the "Alerta" are of Soviet origin.

She is variously described as an "EW support ship", and an ELINT platform. She is stated to have a crew of 60, which would seem to be plenty of ECM personnel.

The same Spanish source credits her with being equipped with a Saturn 35 satellite communications antenna. Coincidence surely, or is a hint of territorial ambition in the air?

This would seem worthy of monitoring, and for those of our readership who monitor the HF and VHF marine bands, her Spanish naval radio callsign is currently EBQD.

Remember guys; you got it from E2k first! © HJH 25/01/05 [Tnx H – another belter!]

ENIGMA 2000 ARTICLE

We conclude AnonMW's excellent look at MEIBON GLYNDWR: [MG] Sons of Glyndwr in Part 4:

TERRORISM IN WALES: THE RESPONSE [Police and Security Services]

Up until the impending Investiture of HRH Prince Charles at Caernarvon as Prince of Wales the response of the police to the then relatively few attacks of this nature were to treat them as a normal criminal investigation. This seems to have been successful, but with an increase in violent protest [ie bomb outrages] in the run up to the investiture, more sophisticated monitoring and surveillance techniques were required. The Intelligence Service, MI5, were called in; one of the coordinators of the campaign was Sir Martin Furnival-Jones, Director General of MI5 from 1965 to 1972. This surveillance operation to monitor the threats to the Prince and his investiture would run 18 months.

A file recording this operation is called "Threat of Bomb outrages in Wales at the time of the Investiture of the Prince of Wales." It is held at the Public Record Office where it is better known as CAB164/389. This file was opened in November 1967 and run until its closure in 1969. It contains 16 documents, the gist of which is that MI5 perceived the potential threat to be so great as to warrant a monitoring and surveillance operation.

The then Prime Minister, Harold Wilson, was so concerned about this threat, having been briefed by MI5, that he expressed the wish, which was complied with, to be kept fully informed of developments of this joint Police - MI5 operation. All police forces in Wales were involved, as were Regional Crime Squads and the Metropolitan Police Special Branch.

The chief threat at this time would appear to have been the MAC [See terrorist Groups/Personalities]. In 1969, two members of MAC died in a spectacular 'own goal' with their IED, and in 1970, its founder/leader and one other were convicted and jailed. Three others had been jailed earlier and this would appear to have neutralised this group, if not the terrorist threat from the others.

However, monitoring would appear to have started at a much earlier date; namely the outbreak of World War 2.

Recently released information, gleaned from the December 2002 release of Guy LIDDELL's wartime diaries, indicate the use of a retired police inspector from Swansea, named Gwilym WILLIAMS. This man spoke 17 languages and with Swansea being a large seaport comparable to Cardiff, must have been very useful.

People who were members of Plaid Cymru [PC] at that time remember him joining, and now say with hindsight [which, as we all know is 20x20 vision!] that his enthusiasm for 'inappropriate action' was boundless. If this were true he must have been a talented operator for he also rose to PC's national executive. Using the aforementioned hindsight now retired members of PC use the term 'agent provocateur' to describe him.

Having researched this man, the author would humbly suggest that the former Inspector WILLIAMS made a far larger contribution to this country's [Britain] war effort than the past, present and future entire membership of Plaid Cymru ever could or will!

Gwilym WILLIAMS was employed by LIDDELL as a handler for Arthur OWENS [Codename 'SNOW'] and for which credible membership of a Welsh Nationalist Party would have been indispensable, given that OWENS was taken on by the German Abwehr as he [OWENS] was a committed anti-British, Welsh Nationalist.

'SNOW' was 'turned' having been made the offer which cannot be refused, and used as a conduit for false intelligence and disinformation to the Abwehr. Gwilym WILLIAMS even accompanied 'SNOW' on a training course to Germany to learn intelligence and sabotage at the Abwehr's expense! [Trust that the reader will forgive this small digression, which is a tribute to this truly remarkable man, one far more typical of Wales than the Arthur OWENS and Cayo EVANS of this world].

Moving on to 1979 [Instead of back to it as most of us would wish] Wales is now faced with the infamous arson campaign against English holiday homes and business interests; giving its motives as being to preserve the Welsh language and culture and obtain affordable homes for the Welsh. [How incinerating Welsh houses under English ownership achieves this is beyond this author's understanding].

Prominent among the groups claiming responsibility were: MAC, CC, MG AND WAWR.

In the case of MAC it is highly likely that this group was, by this time, neutralised due to the imprisonment of some members and own goals by other members.

As described in 'Known Terrorist Groups' this left CC, MG and WAWR active. Again referring to the 'Known Terrorist Groups' section CC had four of its members jailed on Explosion Conspiracy charges in 1980 and no more has since been heard from this group.

MG, as stated, are believed to be still active. This is despite the arrests and jailing previously described. Their status could well now be, as already made clear, a state of mind. [A groundswell of activity and arson, by virtue of which, any suspicious outbreak of property damage or terrorism in Wales, is attributed to them.

Indeed, the latest known claimant in 1991, seems highly unlikely to have been a member of MG, although sources indicate this group as still active.

WAWR, following its series of attacks recorded under its own section earlier, now also appears to be defunct following a high profile Trial of which some elements were pure 'Perry Mason'! It included allegations of the planting of evidence and of police 'heavy handedness'. Only one defendant was found guilty. Be that as it may, following this, no more claims for attacks on behalf of this group have been made, neither have any actions been attributed to them.

Free Wales Army had, as an effective terrorist unit, ceased to exist following the 1969 arrests and jailings.

As regards the language presentation groups [their terms, not those of the author] the Welsh Language Society would appear to have graduated from a group ready to vandalise anything that their peculiar brand of logic deems an affront to the Welsh Language into a quasi-respectable protest group. Everyone, however, knows the old saying about leopards and their spots.

The newly emerged CYMUNED would seem to spring from the same mold, but their willingness, even eagerness, to emulate and associate with Irish Republican terror groups [and here include Sinn Fein - IRA] would merit more than routine monitoring. The quotation of CYMUNED's leader, Mr Simon BROOKS, given earlier, bears repeating: "It is not within our power to overthrow capitalism or British, or English with tactics which are not cunning...."

And again: "Sinn Fein learnt it would have to balance its political rhetoric with real work..."

With comments such as these Mr BROOKS and his colleagues would appear to justify, and be prime candidates for, ECHELON. [Article in Bangor & Anglesey Mail, circa April 2002].

The other newly emerged group, CYMRU 14000, mentioned in Terrorist Groups is included in that heading due to the membership and support of the Welsh actor Kenneth GRIFFITH who loudly espouses the cause of the IRA and indeed, apparently any anti-British or anti-English group. The author would respectfully suggest that anyone, or any group, espousing such causes, and stating their willingness to imitate high profile groups actions merits the closest attention of the State surveillance apparatus [such as it is] notwithstanding the fact that no claims have yet been made on its behalf for any attacks. Although no actions have been claimed by this emergent group their website is chilling. It shows 'CYMRU 1400' depicted in flames, the chilling factor is no doubt intended.

This apparently shy group is 'a new kid on the block' as such groups go, but then it's a new century and much lies ahead. Once again, any further information, for inclusion in a greater work would be appreciated [via ENIGMA 2000, usual methods please].

AN APPRECIATION:

That the members of these known groups was small and in some cases barely reaching double figures, is beyond question. That they caused damage, distress and incurred extra police and intelligence input out of all proportion to those numbers, is equally so. Why?

During my Army and certainly during my police service I asked myself the same question. The answer is, I believe, the location of the problem. The location of the problem is set chiefly in the mid, West and North Wales and in the mind set of the regions [North Wales in particular]. By inhabitants I mean those people who have lived there for generations and have, in the majority of cases, Welsh as their first language, although they all obviously speak English. Anyone who has watched S4C, the Welsh language channel, and seen its quality of programme content will readily understand.

A very insular people, they are, I believe, more sympathetic to the burners than the burned.

Frighteningly, I recall a conversation I had with a North Wales Police officer in 1971 on this very topic. Expressing surprise that the police of such a close knit community did not know the identity of the culprits, he replied, quite seriously, "Who says they don't?"

Whatever the reason, the fact remains that the Intelligence Services were brought in to 'assist' the local police. Effective operations were conducted, resulting in the effective neutralisation of the majority of these groups.

The difference between South and North Wales is marked indeed. Although the South is not free of attacks of this nature it is, I believe, because South Wales is far more anglicised than the rest of Wales that this is so. As a child I lived in Cardiff. My class mates at school were variously Estonian, Greek, Norwegian, Polish and Swedish. Spanish and Italian names were so common as to not attract surprise. We even had two Germans, which close to the end of WW2 was unusual but did my German studies a great deal of good.

With the establishment of the National Assembly for Wales and the legal protection afforded the Welsh language by a recent Act of Parliament [which gives it equal status with English] most, if not all the aims of the Welsh Nationalists would appear to have been met. Until, of course, the recent announcement by Plaid Cymru that they intend going for complete independence. Strangely the announcement was made by Mr Dafydd IWAN, a former pop singer, albeit only known in Wales, who had been elected as Plaid Cymru chairman. [This should tell readers something about PC membership]. Of the party leader, Mr Ieuan Wynn JONES, there was no trace. So it would appear that not all PC members desire home rule, realising the intolerable tax burden it would put upon the people and that it would contribute to the break up of the United Kingdom.

It is the authors belief that this announcement will only fan the flames [pun definitely intended] and that now we will see a re-emergence of the lunatics and misguided self styled patriots of the FWA and MG variety seen in the 60's and 70's. Are we then on a slippery path?

Possibly so. It is my contention that although we will never totally eradicate such frightened, dangerous people as MG and CYMUNED from our midst, for frightened and dangerous they certainly are, the trick is to recognise them and keep them under surveillance. Once known they can be monitored, and if necessary, neutralised.

What is frightening, in the extremes, is the stated willingness of these people to forge links with, and emulate, international terror groups. Even the Basque nationalists have some sympathisers in Wales.

Until fairly recently a regular visitor to the public gallery of the National Assembly for Wales was a gentleman who described himself as a 'freelance journalist.' He made no secret of the fact that he wrote articles for Basque newspapers. That the IRA links are stronger than those discussed elsewhere in this article, I have no doubt. CYMUNED and CYMRU 1400 seem to have learnt, almost certainly from Sinn Fein - IRA the value of tapping into the USA for sentiment for what they [Americans] perceive as their roots. They have in their websites a trans-Atlantic section. [Is that chilling - or what].

And the future? Well as I have previously said, it is a new century; I for one do not think that boredom is going to be a major problem to us for quite a few years yet! [Tnx AnonMW – an excellent piece indeed].

©AnonMW November 2003.

Since the submission of this article to E2K for publication, a recently retired senior CID officer, who served in the Gwynedd Constabulary, as the North Wales Police were known at the timescale to which this article refers, has appeared on a local TV channel, (08/03/04) S4C, a largely Welsh language channel, and in an interview, confirmed the author's misgivings formed following the conversation mentioned with a North Welsh Police colleague, namely that some officers in that force condoned the arson attacks on holiday homes. He qualifies this by saying they were not directly involved in the investigations into these attacks.

In the opinion of this author, this is like saying a drug dealer is not directly involved in drug abuse, he merely supplies. This more than justifies the call for 'out of force' involvement, even to the level already seen, of the security services, ie MI5. [An addition at the Author's request 10/03/04]

In support of this article a BBC Newscast [online] addresses the history recounted here:

BBCNews UK Online [10th March 2004]:

Officers 'backed' holiday home arson

Some police officers were sympathetic to a campaign of arson on holiday homes in Wales in the 1980s, according to the detective who was in charge of investigating the attacks.

The so-called Meibion Glyndwr - Sons of Glyndwr - began their campaign of cottage burning in December 1979 in protest at what they claimed was a growing trend of homes in rural Wales being sold as holiday cottages to people from England. Around 300 properties were attacked during a campaign lasting until the mid-1990s.

Although one man, Sion Aubrey Roberts, was convicted in 1993 of sending letter bombs in the post, the cottage-burning cases remain unsolved.

Now the former head of North Wales CID Gareth Jones has told BBC Wales' Taro Naw programme that some officers in the force, but who were outside the unit investigating the arsonists, supported the actions of Meibion Glyndwr.

Mr Jones, who is now retired, said: "It was a very exciting time - a very difficult time for the police. At the time there was great political pressure.

"What you had was terrorists in Wales breaking the law night after night and there was pressure on the chief constable to catch those responsible.

"There's no doubt that some police outside this unit were supportive of what was going on.

"I have no doubt about that and we had to co-operate and work with those people, but nobody was open about it at the time of course."

Also in the programme, Mr Jones creates a map of where he believes members of Meibion Glyndwr lived, based on the pattern of arson attacks.

Meibion Glyndwr - named after 15th Century rebel leader Owain Glyndwr - said in 1989 that "every white settler" was a target for their campaign.

But the group has not been active since the mid-1990s. [<http://news.bbc.co.uk/1/low/wales/3544851.stm>]

©ENIGMA2000 04May2004

NEWS & ITEMS of INTEREST

Interesting items in the media [PoSW]:-

The Daily Express is not a newspaper which most people would automatically regard as being of much use to those of us interested in the espionage trade; like most of the popular media the greater part of the content would seem to be aimed at a female clientele in the age range of, perhaps, 18 to 35, this section of the population being seen as most likely to part with their money in response to the advertisers on whom newspaper publishers depend for much of their income. However, on a Friday at least the Express employs the services of a real grown-up writer, none other than Frederick Forsyth of "Day of the Jackal" and "The Fist of God" fame. He comments on a wide range of subjects on British and international politics and more besides. He has a healthy contempt for Mr Blair and all his works which alone makes the outlay of 40 pence on a Friday for a copy of the Express worth while!

There is much speculation in the press and on radio and TV as to the likelihood of some kind of military action by the United States against Iran and in particular the nuclear facilities in that country where all the technology to produce enriched uranium which could be used in a nuclear weapon is much to the fore. The Daily Mail of February 14 contained a short piece headlined "U.S. spies over Iran" which reads "The United States is flying unmanned drones over Iran to spy on suspected nuclear weapons programmes and air defences, it emerged last night. It is the most provocative move so far in the deteriorating relationship between Washington and Teheran and could be a first step in preparations for an attack. Iran has made an official protest which the U.S. is ignoring."

Perhaps we shall soon be hearing an updated version of an old joke doing the rounds again;- "Question, what is flat and black and glows in the dark? Answer;- Iran, in about six months from now".

A spy story from the past has been in the news recently with the publication of "The Guy Liddell Diaries Volume 1, 1939-1942", published by Routledge, £25. The Sunday Express of February 6 had a feature with the headline, "The MI5 blunders that let spy go free" which starts off "British intelligence stalled for 12 years before catching communist spy John Cairncross following a tip-off from a Russian defector." "Liddell's journal shows for the first time that MI5 knew in 1939 about a mole in the Cabinet Office. But Cairncross - the fifth man in the Cambridge spy ring that included Burgess, Mclean, Blunt and Philby - was not unmasked until 1951 after more than a decade of passing British secrets to the Russians".

On 16-February BBC2 TV showed a half hour programme in the "Days That Shook the World" series on the subject of the 1960 U2 spy plane incident in which on 1-May 1960 a Lockheed U2 high altitude aircraft piloted by Gary Powers was shot down by a Soviet radar guided missile near the city of Sverdlovsk. In the words of the BBC's programme guide, "Radio Times";- The shooting down of America's U2 spy plane on 1 May 1960 put a resounding stop to the ostensibly thawing cold war between the US and the USSR". The programme was made with a mixture of actual newsreel footage from the time of the incident and present day reconstruction, which seems to be the norm for any history programme these days. At one point the voice-over made reference to the fact that as the U2 travelled deep into Russian territory on its journey from an American base in Pakistan to another in Norway it soon became out of range of radio communication. A piece of filmed reconstruction briefly showed a couple of service personnel anxiously working at the controls of a radio receiver; and I am sure the radio was a Marconi R1155. An R1155 being used by Uncle Sam's airforce in 1960? I don't think so! [*PLondon saw that too – editorial license at its best. He comments; Paul Lashmar's 'Spy Flights of the Cold War' is an excellent source book on Gary Power's flight and other events that some E2k members are all too aware of*].

Being a film buff as well as a self confessed radio anorak I am always interested in any portrayal of radio technology in a movie, so on Saturday 5-February I made sure I sat down to watch what in my humble opinion is one of the greatest movies of all time, White Heat, starring James Cagney, made in 1949 in black and white which was shown on BBC2 television. This crime classic contains what must be the earliest reference either in fact or fiction to a radio tracking device. The plot concerns the aftermath of a mail train robbery carried out by a gang led by psychopathic killer Cody Jarret played by Cagney. The gang is infiltrated by a police detective who before going under cover is shown taking part in a police radio tracking experimental project. Having been accepted by Jarret as a valued member of his gang, the undercover cop has to come up with a way to foil the gang's next big robbery which is to steal the payroll of an oil refinery, entry to be gained by hiding inside a specially constructed compartment inside an articulated lorry petrol tanker - or in America, a tractor and semi-trailer gasoline truck, I suppose. But detective Hank Fallon, played by Edmond O'Brien, has constructed a tracking device, referred to as an oscillator, and attached it to the truck. He builds this himself from parts taken from a non-working AM broadcast band radio - and without any test gear; no GDO, no absorption wavemeter, not even a multirange meter! Having managed to alert the police department to the fact that the device is running they are able to plot the course of the truck by means of their fleet of cars equipped with direction finding equipment and surround the robbers in the refinery. In the final shoot-out, Jarret fires his pistol into the storage tank on which he is standing with the cry "Made it Ma, top of the world!" as the whole lot goes up in flames. Splendid stuff!

On 20-February the commercial channel ITV1 showed a two hour long dramatisation of an incident which took place in 2001 when a party of British aircraft enthusiasts were arrested in Greece on spying charges after writing down the serial numbers of Greek military aircraft. Quite what these individuals thought they were doing by indulging in that sort of activity in a country like Greece is something of a puzzle. Although the Greeks will tell you that their country is the cradle of democracy the place has been a military dictatorship for a large part of its existence since independence in the 1830s and as the saying goes, old habits die hard. The most disturbing part for me was the scene where the accused having been released on bail and returned to the UK are debating whether to return to the Greece to stand trial; they decide they have to because if they don't the Greek government would be able to extradite them from the UK under EU law.

Why on earth did we fight two world wars for freedom and why did we allow our scumbag politicians to sign our country up to something like that? [Tnx PoSW]

- and now a word or two from the scathing wit of KW relevant to PoSW's last paragraph :

[A discussion was also had on the telephone and via email by some ENIGMA 2000 members on this dramatisation 'Planespotting'. Watching the programme they had decided that the Greek Government had used the spotter's notebooks as prima facie evidence. The general consensus was 'Imagine what would happen if they were E2k members and they got hold of their notebooks! Yes, imagine indeed. A lot of bail money was taken by the Greek Government and as yet I understand it has yet to be returned [apologies to the bubbles if now returned] but PoSW is right - what sort of scumbag politicians sign our country up to something like that? Well the answer is "those who have turned Britain into the apologetic politically correct haven for the world's ne'er do wells and sick persons."'

Seen 'Hotel Rwanda' with its 'I couldn't let all these people die' trailer? There'll probably be a follow up - Hotel Britain NHS, 'Our contributing Nation dies at the expense of others who don't.' Remember folks, 'Hotel Britain NHS' is a Freehouse]. Tnx KW

An interesting New Year snippet

You may be interested to know that the men's magazine FHM recently visited and were given a tour HMS Vigilant (a Trident submarine), had a go on the centrifuge at RAF Farnborough and visited DSTL Porton Down and got a pair of boxers treated with hydrophobic fluorocarbons (that which the outer layer of Suit Protective NBC Mk.IV is treated) so that they ostensibly will never have to be washed. [There's a tramp in Gloucester Road SW7 who's shreddies are never washed and I doubt he has ever heard of hydrophobic fluorocarbons]. However, when they officially applied to visit Menwith Hill, the MoD were happy to allow some access, the 'Occupiers' vetoed the request. When they decided to have a stroll outside the perimeter they were promptly stopped and searched under an authority in force under S.44 of the Terrorism Act 2000.[Tnx AnonNI].

Did you now that Menwith Hill is better known in the 'trade' as Ground station F83 according to the Sunday Times 31st May 1998?

~
That it is the largest electronic monitoring station in the world with more than 1,200 US civilians and servicemen.

~
It is involved in intercepting and analysing communications mainly from Europe, Russia and the Middle East.

~
BT fitted three digital optical fibre cables with a total capacity of 100,000 telephone calls.



Nidderdale Road, Menwith Hill

©ENIGMA2000

[That FHM were stopped is interesting, yours truly had a similar experience related to him by a member who egressed his car (that's a good word from somewhere west) and walked about by Menwith Hill, only to find himself challenged by MoD police who strongly suggested he move on. I wish it happened to me because my response would be along the lines of, "I am exercising my common law right to travel from A to B without let or hindrance; I have committed no offence so please go away!" I'll be blown if I'd be stopped walking on common land because the septics have seen fit to open a PX in the middle of it - 'RAF' indeed.]

UK/US Special Relationship Sahib, very good for US.

Did you know that the 'Special Relationship' that we have with the US not only permits British forces to support American forces as they destroy countries that are unable to fight back but it also allows the US to store more nuclear weaponry on British soil than anywhere else. Ever get the feeling that 'taken for a ride' applies here? [110 at RAF Lakenheath with 370 stored in 5 other bases across Europe].

See: http://www.nrdc.org/nuclear/euro/euro_pt1.pdf

All Change in NI

It has been announced in Parliament that in 2007 the Security Service (MI5) will assume responsibility as the lead agency for the collection of national security intelligence in Northern Ireland, taking over the role from the Police Service of Northern Ireland (PSNI).[Tnx AnonNI]

Excellent reading material is available on this subject: Tony Geraghty's 'The Irish War', 'Big Boy's Rules' and 'UK Eyes Alpha', both by Mark Urban and 'The Spying Game' by Michael Smith. All these volumes give an interesting insight into the collection of intelligence in NI [not methods, it might be said] and also of the somewhat peculiar 'contest' between the Special Branch and MI5 to run and collect agents in a time when the threat to Britons was actually seen.

P45 time [or whatever the Banja Luka equivalent is] on redundancy

500 agents, almost half of the strength of the Intelligence Security Agency formed in the ethnically divided Bosnia have been dismissed because of reforms.

The Intelligence Security Agency was formed in a merger of Bosnian Serb and Muslim Croat Intelligence Services.

Freedom of Information

Great Britain now has its own Freedom of Information Act and there has been some apparently good stuff released. That on Page 2 is a fine, if not laughable example. Unfortunately Idi Amin was not a good leader at the time of that suggestion and many suffered under his Presidency.

Newspapers have been taking swipes at various aspects of the Act, claiming that shredders are being overused to limit the paperwork that will be allowed into the public domain.

J6m sent in this URL which leads to an adequate account:
http://www.ctv.ca/servlet/ArticleNews/story/CTVNews/1104844430324_66/?hub=World

Gizza job?

Seen in a Manpower Services Commission, Job Centre, Labour Exchange or whatever the politically correct term is nowadays here's a job with prospect:

OPERATOR MILITARY INTELLIGENCE (Full-time / Permanent)

Job reference : *censored*
Date notified : 15/12/2004
Job location : UK & WORLDWIDE
Salary : £219 PER WEEK AFTER TRAINING
Hours : 48
Worktime : VARIOUS - NO SET HOURS
Age : 16
Closing date : 31/03/2005

Job Duties : THE LINGUIST (OPERATOR MILITARY INTELLIGENCE) IS EMPLOYED IN A VITAL REAL TIME OPERATION TO MONITOR THE ACTIVITIES OF THE NATIONS' ENEMIES.

THIS REQUIRES THE ABILITY TO INTERCEPT ENEMY RADIO MESSAGES, UNRAVEL THEIR MEANING AND SUBMIT REPORTS TO THE APPROPRIATE HEADQUARTERS.

AN INDIVIDUAL REQUIRES A HIGH DEGREE OF APTITUDE IN A FOREIGN LANGUAGE AND THE ABILITY TO OPERATE IN THE IT FIELD.

THE TASK IS A COMPLEX AND DEMANDING ONE, BUT THE PRODUCT DERIVED FROM THE APPLICATION OF THE LINGUIST'S SKILL AND EXPERTISE IS VITAL TO AN OPERATIONAL COMMANDER.

Qualifications/ Experience : GCSE GRADE C IN ENGLISH LANGUAGE AND A FOREIGN LANGUAGE + 2 OTHER ACADEMIC SUBJECTS.

MUST BE ELIGIBLE FOR A BRITISH PASSPORT

Other Information : WORK IS UNLIKELY TO BE MORE THAN 48 HOURS PER WEEK. IN CERTAIN CASES THE MOD AND ARMED FORCES ARE EXEMPT FROM THE WORKING TIME AND CONDITIONS REGULATIONS.

Thanks to the sender of that, who rightly wishes to remain 'anon'. [And who later commented: £219 a week isn't much for that]!

Plans unveiled as Russian spies crawl in Germany!

As Germany's foreign intelligence agency unveiled plans to for a headquarters that will cost nearly £675bn to open in 2011 a report surfaced suggesting that around 130 Russian spies are currently undercover in Germany. That number is claimed as matching those deployed by the KGB in the Cold War. Whilst Putin and Schröder speak in German [a language that Mr Putin learnt as a cold war KGB agent in East Germany] Russian-German relations are seen as cordial. As for the new Federal Intelligence Service building, it will move the 4000 or so workers to Berlin from the Munich suburb of Pullach to concentrate all its intelligence efforts in the capital [Tnx E].

First it was the SA80.....

Forget the useless millennium dome, the wobbly bridge, the damp squib of fireworks on the Thames. First it was the SA80 revolutionary bull-pup 5.56mm weapon that apparently fell apart when dropped, enter Dustpan No 1, working parts recovery, for the use of, bag, plastic, carrier SA80 sand defending, against, for the use of. Then we hear there was no body armour for Iraq, wrong boots, wrong colour camo and so on. Now it's the radio as the Sunday Times, page 13 on 07/02 reported, 'Cancer fear over new army radio sets.' The piece outlined that the new system, BOWMAN, produced such a high level of RF that written health guidelines are being issued to the soldiers that use them. This £2bn system, destined to replace the all but obsolete 'Clansman' system have found that the RF emitted *can* exceed safe levels. Apparently soldiers are not to stand within 6ft of radio's in vehicles when they are in use whilst those using them have been told not to use them on full power.. As if that is bad enough the units have been found to be too heavy for the Army's standard Land Rover. Note also that the headsets do not fit over British helmets and that the programming is too inflexible for combat use. The BOWMAN is manufactured by General Dynamics <http://www.generaldynamics.uk.com/> who state the radio will give troops better security and reliability. [Bet you'll find the sets are easily transported by the Humvee and fit the septs helmets. Is this another ploy to sell us more armaments by a company that despite it's UK logo is part of the US based General Dynamics Coporation of Falls Church, Virginia? As with many services each has its own brand of humour, usually coined by the same type of wag who offered the 'batphone' 'stickfest', 'Rob All My Comrades' and the like, has now coined a rather apt acronym for BOWMAN: **Better Off With Map And Nokia.** [Wonder if they designed BOWMAN to be used with Nimrod's failed SLAR system]. More info: <http://www.mod.uk/dpa/projects/bowman.htm>

Europe 1

On January 1st, "Europe 1", sometimes incorrectly listed as a German radio BC, is 50 year old. (Before the 1980's French laws prohibited private transmitters sites to be set on the national territory, with a derogation for RMC - Radio Monte Carlo. Putting a mighty LW transmitter near the border - i.e. German Saarland for Europe 1 or Dedeling in Luxemburg for RTL- linked to studios in Paris was a bypass solution).

Since then, its frequency has varied along time from 180 to 185 kHz LW. Since 1986 it is on its current 183 kHz. Its power rose from 1400kW to 2000kW in 1976. Photographs of the transmitter as it was in 1975 are available at: http://perso.wanadoo.fr/tvignaud/am/e1/e1_emet.htm [Txn J6m]

Des res?

For Sale, somewhere in Essex: Nuclear Bunker in a field £10000.
Measures 15ft by 7ft 4in.
Built late 1950s to withstand a London nuclear blast.
[Make a lovely radio room – rather than the wine store suggested by the Agent]

Did you know?

That like Sweden, Portugal, Iceland, Italy and Luxembourg there are more mobile phones in Britain than people.

CHINESE SIGINT Base hit by Tsunami.

Beijing was granted permission from the ruling junta in Burma to establish a SIGINT unit staffed by about 100 Chinese in the Coco Islands in the Bay of Bengal. The purpose of this unit being to intercept communications in this area, including the Indian Naval base on the Andaman islands that was devastated by the tsunami.

Although the Burmese military government has said that last month's tsunami did not strike the Coco Islands unofficial Burmese naval sources report that the SIGINT base was indeed damaged. It is reported however, that a back-up system managed to limit the damage.

The Chinese SIGINT service, which has its headquarters north east of Beijing, consists of around 20,000 personnel stationed at over 20 intercept stations both in China and abroad including a station in Laos.

This station is reportedly able to cover the whole of the South China Sea, the Straits of Malacca and the Indian Ocean region.[TxnAnonJB]

Ultimate Force?

The second Sunday in January saw the screening of the first of a four episode run of the successful 'Ultimate Force' which has storylines following Red Troop, led by Henno Garvie [*Ross Kemp of Eastenders fame*] into a variety of situations. [Luckily all the episodes will take place within the life of this newsletter so we get to mickey take the lot!]

The first episode, entitled *Deadlier Than the Male* introduces a number of new recruits via the usual selection method. In that group is – and this is unbelievable, but then Great Britain is now so coiled in Political Correctness it probably has already happened – a female. Like the Sgt who leads the Troop at ground level, Henno, short for Henry, this bint is named Becca – where do they get these names from?

Anyway the first episode starts off with an op in Tikrit, which, as you all know is in Iraq.

There's all our heroes undercover, clad with a dishdash and carrying firearms. They start the op and it all goes horribly wrong as SAS personnel are blown asunder by explosion, set alight and then shot up by Arabs. The op was probably given away by the presence of the film crew! [*Seriously, remember when US Navy Seals landed on a secret operation in Somalia and CNN were there being filmed, filming the Seals who emerged from the sea? What a cock-up and no pun intended here*].

As all these blokes are popped our hero, Henno, runs into the middle of the arena of fire and puts up some good covering fire, even changing magazines as he does so. Well a basic rifleman in training would not have run into such an area. Who remembers the five Ss, Shape, Shine, Shadow, Sound, Silhouette, as I remember? [Think Americans use 10 and add Movement too] Well they should add a sixth now based on Henno's [what a macho name] basic fighting skills, Stupidity. Luckily for him he survived thanks to editorial licence and the commercial break.

Then we see this bint, Becca, slipping her trailers during selection [and it didn't look like the Brecons either] prior to being dragged back to the depot – see the less than convincing 'Stirling Lines' notice - and being thoroughly beaten and mentally tortured.

In the meantime the parallel story is the taking over of a DC10 aircraft by terrorists who want freedom for Tibet from the Chinese. They are led by a Gurkhas Rupert who has a few Gurkhas and his wife there to make the passengers life a bit questionable. Thankfully for the passengers there was a flight marshal aboard who they executed instead. The obvious storyline unfolds, a request for pilots. The others abseiled from the cockpit before the terror group entered it, and the woman, Becca is selected to do the task straight from a right beasting, bruised and battered. The next time she is seen all the cuts and bruises have disappeared. Of course the SAS win through after a massive plane-bourne firefight and all is well. Unfortunately they did not disclose the miraculous healing method used on Becca. There was no 'flying into the sunset, victorious shot' as we saw in the entertaining 'Delta Force' [no doubt prompted as a story by the actual hijacking of the Athens bound TWA flight] where the pilot speaks into the mic as he taxis down the runway, 'This is Trans American Airlines plane leaving Beirut, we thank you for an interesting stay!'

The second episode, broadcast on ITN on 15/01 saw 'Red Troop' enter Zimbabwe via the backdoor on a totally deniable operation with a Government representative played by Jeff Rawle.

The op went tits up as soon as the Government rep, a Mr Cox, met the rebel leader who tried to force the hand of the Government soldiers by leaking info that the SAS were there.

In the company of some white settlers the SAS took on a load of Government forces and in good spirit, Henno and his lot presented better targets than you'll see at a fairground. 'If they come again before nightfall, we're bollocks'd' he remarked as the ammo ran a little short. As the story came to a close Henno meets with the African General leading the Government forces. Amidst all the rape and pillage our highly trained SAS man stops, takes aim and then enters into a dialogue with the General [whatever happened to the double tap? What indeed? Henno is seized from behind and has a knife held to his throat. The General, never short of seeing a chance for a little butchery advances to our hero, knife drawn. Thank heavens for editorial licence – one round, from close quarters from a SAS man, takes out the bloke even daring to hold onto our Henno. Miraculously fired from an AK47, hv rounds designed to penetrate body armour, the round did not exit the primary target, into Henno and then into the local theatre. No – not at all. The force of the round did jerk the blade from the grip of the horrible man and into Henno's grasp where he decapitated the General with just one swipe of the blade [Aaagh! Wilkinson Sword].

All's well that ends well and we see our heroes stride off into the sunset expectant of being in dire straights [*not, 'These mist covered mountains.....' type Dire straights*] the very next Saturday, commercial breaks allowing. Henno used the expression 'Bollocks'd' but not in the correct context! The best was reserved for non-authentic South African accents, calling all non-whites 'boy' and showing the sort of white superiority over blacks that went out with the abolition of slavery. The only props missing was sight of 'The Afrikaaner' and an invitation to Voerwerd House to watch the next gravity attracting event.

The viewer could be forgiven for mistaking the General as Idi Amin or Robert Mugabe, it was the way the make-up was put on, I'm sure.

The third episode broadcast on ITN on 22/01 featured an al Qaeda attack on the Italian Consulate in London. The real one, the Italian Embassy is situated at 14 Three Kings Yard W1, easily available from Davies Street [see the RGJ Drill hall on the way down from Bond Street LUG Station] and note that it is in close proximity of Carlos Street seen on the East side of Grosvenor Square where we have the American Embassy.

Anyway, these Arab looking types present themselves at the entrance via a blue panel van carrying a bomb, and demand to be let in. Despite the protestations of a security guard a brown skinned Italian Embassy lets them in and the Security Guard wants to see inside the crates they carry. Well, that's the other 105 mins of the story disclosed - the geero obviously works for al-Qaeda and all hell breaks loose.

Enter the SAS led by Henno Garvie. Powerless to do anything before he gets the go-ahead officially we see a senior police commander make one cock-up after another resulting in useless police actions.

After removing S019 snipers as a point of negotiation we see a Police car blown to smithereens [RPG-7] with the loss of life as the al-Qaeda leader quips, 'We don't negotiate.' Then this Commander, [well qualified for Z Div] who would be better hosting a policy making team than actually commanding proper police personnel, commits a large S019 assault team in a 'text book' assault and the lot get slotted big time. What an obvious marr on the Police Service that was!

Enter the SAS.

Making a two pronged assault, blue team from the roof as 'top team' because they're expendable and not seen before, and red team, because they're not and have been seen before, via the basement the pyrotechnics start.

There's bags of electronics about as motion detectors and CCTV too. All this as well as the enemy GPMG [jimmy to those of us who know - and I've stripped a few of those down - butt off, barrel off, working parts out - and its still on the bipod. Nice little toolkit and brushes supplied with those too. 200 rounds per belt and every fifth round a tracer].

What a palava to take that out. Nothing there that wouldn't cause a common garden squaddie any worry. There were more rounds shot up the staircase at a protected gun mount than what's ever whipped down the Fall's Road and a world brass shortage realised with the amount of 7.62mm that was fired towards our heroes who broke every rule, written and unwritten, of soldiering as they loitered in the beaten zone. Then someone has a great idea and tosses a grenade up to clear the jimmy. As our heroes storm past the GPMG they leave it in a useable condition. All they had to do was remove the barrel and toss it aside.

Well it gets used again, later in the 'story', and another long thinking process decides on another grenade. [Are this lot challenged?]

Lots of RPG7 projected grenades being used too. What happened to the flash bangs? There was mention of shaped charges though.

Once the Consulate has been cleared Henno [what a hero] decides the bomb in the van is still live and drives it off in the direction of some quarry for it to harmlessly initiate away from mankind. Of course it all goes wrong. The geero who works for al-Qaeda gets away and manages to get in the van en route to the quarry. He is slotted by the irritating character 'Louis' [why doesn't someone slot him one day] from a Range Rover and the panel van is launched over the berm of the quarry by our driving Henno who declares 'sh*t' as he realises the driver's door is jammed. We are treated to an explosion from the van that would have made a damp squib look nuclear. Who has ever placed a bomb in a van and had the rear doors wide open? Still, it's for the masses, ain't it Corporal?

And Henno? After a short delay, where you are meant to reflect of Henno's latest derring-do we are treated to him climbing over the side of the berm, covered in the exudates of explosion, grinning and shaking hands with the irritant Louis and the big black trooper 'Dave' who is at least credible as credible goes in fiction and editorial licence. As Henno climbed over the side of the berm my son said, 'Look for the mercury running towards him - it's just like 'Terminator' [and less believable too]!

The site they used for the Embassy was good and it didn't look a bit like the defunct Cane Hill Mental Hospital either. It looked a bit like the building used in another SAS film - 'Who Dares Wins' where rogue bandmen took over the American ambassadors residence.

I noticed that the actors portraying SAS troopers in Ultimate Force had red or blue bands on their magazines, no doubt to state what team they were in. In my experience I always thought blue marked mags represented blank ammunition, red live. Not that this motley crew would be allowed to rip off anything live.

Now if I'd been doing it I would have ripped a round in from a Carl Gustav sited outside to take the jimmy on the stairs out. Entry would have been announced with flash-bangs and door hinges blown by Remington's. Monitoring kit would have already been lowered down the chimney and fibre optic kit through the walls. A near building would have become 'Alpha Control' for the Police and I would have had ambulances and fire appliances to hand. I certainly wouldn't have had SAS, Police or the local street cleaning team walking about in full view of the occupied building. Enjoyable, yes, accurate - what do you think? And exactly where were the RDPG when this lot was starting up? [Probably attending the Iraqi Embassy - two cars and one motorbike one day and two bikes, one car the next. Perhaps the builders who have suddenly appeared since the 'election' in Iraq keep setting off a central station alarm. Anyone remember the radio alarms - 'such and such premises under attack'].
So just why was the last episode never shown.....upsetting any particular religious group or what? Probably upsetting asylum seekers by suggesting an influx of criminals and spies via this route - or was the story just too near the truth?

Gibraltar's Military Chief Found Dead

The commander of British forces in Gibraltar has been discovered dead in his swimming pool. He had been requested to return to Britain pending an inquiry into "personal" issues.

As Mr Bush is signed in for another term.....

"A poll of 21 countries published on Wednesday [19/01] - reflecting opinion in Africa, Latin America, North America, Asia and Europe - showed that a clear majority have grave fears about the next four years.

Fifty-eight per cent of the 22,000 who took part in the poll, commissioned by the BBC World Service, said they expected Mr Bush to have a negative impact on peace and security, compared with only 26 per cent who considered him a positive force. Traditional US allies in western Europe, such as Britain (64 per cent), France (75 per cent), and Germany (77 per cent), were among the most negative."

<http://www.smh.com.au/articles/2005/01/20/1106110881744.html?oneclick=true> to read the entire article.

More Diplomatic Bag carrying!!!

On page 51 of Issue 26 E2k newsletter, we carried a short entitled 'Privatisation!', which briefly outlined the threatened privatisation by allowing private carriers to stuff and seal the diplomatic pouches used to send sensitive material overseas. Help and support for the retaining of the current service and not move to tender has come from an unlikely source as 37 MPs have backed an early motion saying that privatisation could jeopardise security. The FCO is under pressure to scrap plans from those in the right place to do so - and its not to attract votes for the forthcoming election.

It's open season in Britain now.....

The National Health Service give refugees and asylum seekers preferential treatment, as they give certain mature 'students' treatment for HiV [why are they always African?] and local councils give housing to them too. Vouchers are given for food to these persons who wander around our towns with mobile phones and wearing designer clobber. Some are, it is reported, given cars to reduce their taxi costs [I use the bus and train, like many others around me]. Now we learn that Britain's right to withdraw from the 'rights to immigration' and to curb those who come here to *mainly* [there must be some genuine types] scrounge has been signed away Tony Bliar.

So here is Britain – politically correct, crime ridden with rip-off prices, high taxes, long health queues, little chance of Housing if you are British born. [Remember, if you want a decent pension you have to save and don't forget, when you are retired they tax your savings too]. Well done Mr Bliar – what a leader! [Tnx KW].

Here's some right tosh:

Every now and then we receive some right nonsense. This one is a cracker:

Tue, 25 Jan 2005 18:33:30 +0000

From: "INTERNATIONAL PUBLIC COUNCIL ON PROTECTION OF FREEDOM OF SPEECH" <alex@afterwork.de>

To: *Removed*

Subject: CONFIDENTIAL REPORT ON ASSASSINATION OF PRINCESS S DIANA - BANNED IN THE UK

BRITISH PUBLIC COUNCIL ON PROTECTION OF FREEDOM OF SPEECH PRESENTS

A unique confidential report describing in great detail the horrible circumstances and true causes of death of Princess Diana. The report has been prohibited for distribution in the UK, but is available for the first time to the British people from an overseas website.

This report contains truly explosive information, and for this reason, its publication has been banned in the UK by the official authorities, security services and the Royal Household. Its findings were so shocking that it was immediately classified top secret by MI5 and French Security Service, DST. Princess Diana and Dodi Al Fayed were assassinated in a joint operation undertaken by the security services of several countries. The true reason is NOT that the British establishment feared that the official marriage of Diana and Dodi would deal a blow to the British monarchy by virtue of the future British king having a Muslim stepfather – the actual reasons are much more serious, complicated – and sinister.

Over 80 % of the British people (according to a recent poll conducted by the Daily Mirror) are still convinced that the death of Diana and Dodi was no accident – so discover the truth!

The report was prepared by a group of investigative journalists from Egypt, England and France utilizing never-publicized materials of secret investigation conducted by the French government and America's CIA into the circumstances of the death of Princess Diana. One of the private detectives who participated in this investigation died in a mysterious and highly suspicious "bike" accident while he was trying to uncover additional evidence. Under similarly suspicious circumstances one of the French detectives disappeared as well. These facts alone demonstrate that the authorities do fear the publication of these facts, otherwise they would not have gone as far as to arrange assassination of these individuals as well as the murder of the photographer James Andanson whose badly burned body was found by the police in the south of France, and who was present at the scene of the fatal crash which killed Diana and Dodi.

We do apologize for approaching you via unsolicited e-mail – we appreciate that it is a bad practice, but unfortunately, since the official publication of this report has been prohibited in the United Kingdom and France, as well as elsewhere in Europe, this is the only method to which we are forced to resort in order to make this report widely available to the British public. We are located outside the United Kingdom and use Internet as a medium of distribution, so that we can avoid the official ban on distribution of this publication stringently enforced by the British authorities.

Please get in touch with us to receive further information and ordering instructions:

E-MAIL: 6504@ICONTROLLER.BIZ

[Hope the authorities are onto this one – who knows it might just be true – then again it's probably a scam from Nigeria]

It's all in the Stamp

An immigration officer Olufunke Sonoiki, employed at Dover docks, has been gaoled for using her official Home Office stamp to mark friends and relatives passports "indefinite leave to remain."

The passports were posted to her from Nigeria, stamped and then posted back. Her arrest occurred after immigration workers in Lagos became suspicious. Wonder if her friends and relatives made a business out of it, wonder if the woman herself did the same?

[Reminds me of a lecture, given by MoD Police some years back, on international business dealings. There were some very decent points made and the air was that of a sober lecture. That ceased when the Lecturer innocently asked, "Anyone dealt with Nigeria?" The room erupted into laughter and after at the bar there were more stories being exchanged about attempted rip-offs, useless LoCs and the Nigerian dislike of the SAD. Methods of payments were discussed and less beer was drunk for that reason. When I used to deal one person tried to pay for equipment in Naira. Eventually he reverted to Sterling (I don't accept banned currencies). When asked about transport for his purchases he said they were going in the cockpit with his cousin, the pilot!]

Peerage for Sir John Stevens

If anyone should have a peerage Mr Stevens should. Sir John Stevens, hailed as a very popular Commissioner of Police and copper's copper, Sir John will become the third former Commissioner to sit in the Lords. His predecessors are Lord Imbert of Romney and Lord Condon of Langton Green.

Guantanamo Bay Four

The four Britons illegally held by the US at Camp Delta/X-Ray or whatever it is now called arrived in Northwood Great Britain on 25th January after a deal with the US. [What skulduggery is this – you can have those four and send Abu Hamsa and Babar Ahmed back in their place?] Immediately arrested at Northwood under Section 41 Terrorism Act 2000, the four were transported to Paddington Green Police station for interview by the authorities. [Wonder if the hapless four managed to get a look at the BMWs in the showroom window opposite as they drove up the slope into the back yard?]

The US claim that all four were involved with al-Qaeda but don't boast too readily about the 'humane' treatment they were subjected to during the time spent in Cuba.

British Police wished to allow contact with their families whilst a small demonstration occurred outside the Police Station. A small banner laid on the ground, simply declared 'Welcome Back'. The family contact was refused by the four. After interrogation the four were released without charge into the care of their families and were escorted, by police, to a location of their choice.

Whilst one British solicitor said "I'm glad the Government recognises they have suffered enough. They need rehabilitation, not interrogation" an American defense lawyer was heard on British Radio stating the four had been treated badly and were totally innocent.

Meanwhile Mr Bush and his cronies get off on the assumption that the world is a safer place since *America's* intervention in world terrorism. The result of a recent poll suggested that of those polled 83% thought the world was a worse place since America intervened. Wonder what Mr Bush's anti-terrorist Government intends to do about those of its citizens who gave generously to the coffers of the IRA when the box went around prior to 9/11? That's terrorism Mr Bush – terrorism some Americans actually supported, appeared on Panorama to voice support for, and which ultimately caused death and suffering to British soldiers and innocent citizens whose only crime was to be in the wrong place at the right time.

Strange how Britain's Police and no doubt the odd MI5/MI6 operatives see reason to let the hapless four go without charge when America's 'agents' have the gall to state they were involved with al Qaeda. [Shukri, Sal ibn Hari]

Like to add that all visitors [including Brits] to US are now subject to fingerprinting, photographing and such like. All because of this American paranoia. My own sister-in-law was removed from a queue whilst in transit and subjected to a search and some rather 'private' questions – and she was 'In-transit'. Why was she removed? Who know,s but her skin is brown and she has a Muslim surname. Glad I'll never visit there – and I'm not brown or have a Muslim surname.

More to the point, the US have demanded that Britain take the necessary steps, 'to address the threat posed by these four individuals'. Better still, Sir John Stevens [a splendid person and a good, fair leader of men] has already said that the information gleaned by US interrogators and MI5 in Cuba is inadmissible in a British court. It's good to know that with the British all judgement has not yet fled.

Lumière and Professor Hugh Hambleton

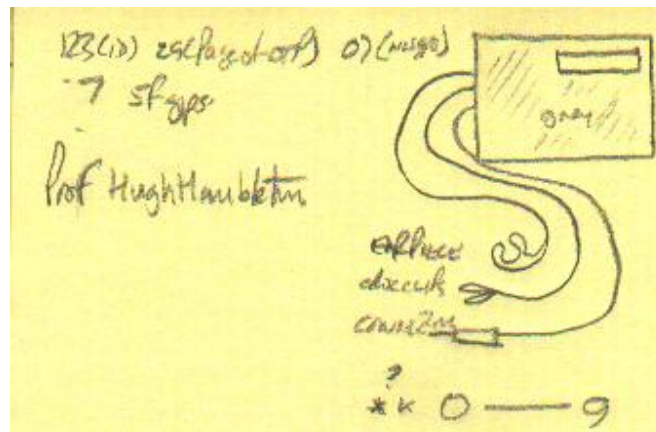
One of our members was shewn a device that was being displayed in a glass case entitled 'Espionage' in a particularly private, but rather interesting world famous museum, the location of which he cannot disclose.

He wrote, "I believed it to be an East German/Russian decoder display unit in a grey box, say A5 in size and about 1.5 " thick and of mid 1970's early 1980's vintage.

The display on the device used glowlamps under a dark fiche with 0 - 9 and a couple of other characters. I think one was an asterisk, the other a K.

From the left side were three cables; one had an earpiece, the second two croc clips. The third had some sort of connector fitted. No controls were apparent from what I saw. The cables and the earpiece looked to be in the same colour tone as that used on the widely used NHS Medresco hearing aid.

It was improper and also not at all possible for me to photograph the exhibit so I produced a sketch in my notebook shortly after sight of the unit:



"Notes made at the time!"

©ENIGMA200030/01/05

Interestingly the unit was accompanied by a few lines declaring that Morse was not the medium that it operated with and showed a few lines of actual message.

[I believe it also mentioned Verdan so I suspect serial data, such as a polytone. Given the display the message medium would need to be slow so not XP and quite possibly a 'rough' sounding signal to allow filters some latitude of operation].

In correction the display actually reads:

X 1 2 3 4 5 6 7 8 9 0

Looking at the actual display, the numeral function is obvious. What is the function of the 'X'? Does it indicate the unit is switched on, that the electronics within the box is synchronized (locked) to the incoming signal, or merely indicate a space between one received group and that yet to be sent?

The message header [shown in notes] read:

123*[ID] 29[Page no of OTP pad] 07 [number of Groups] then followed 7 five figure groups.

*[123 was not the ID shown, I had forgotten the original so substituted 123. Rest of message header is correct].

At the bottom of the notes, which illustrated part extraction of a message from an OTP a name was stated with no explanation. It was Professor Hugh George Hambleton. [Also displayed were two pages of an OTP, a battery and talc container with secret compartments to hide OTPs and some microdots supported in a glass slide].

After some email correspondence with another E2k member I discovered that Prof HH was in fact a KGB spy, 1950's vintage who was later arrested by the British in 1982. [See ENIGMA* Newsletter 9, page 42 for D's piece on this equipment, HH and X06 and other polytones. *Not ENIGMA 2000].

However, I had previously seen the device in question on TV news on a Friday night in 1982/3. The newscaster then described it as 'nothing that had been seen in the West before'. That made me laugh then because I had [and still have] a device, of very similar dimensions that decodes Morse, TTY and ASCII with some real efficiency and has a better display than KGB technicians provided HH with.



Two views of the MBA-RO Reader: Morse, RTTY and ASCII, an excellent product from America. ©ENIGMA200030/01/05 [Was purchased in 1982 and still works today].

Professor Hugh George Hambleton was an economist from Canada who, it transpired, had worked for NATO. During this time he had used that position to provide his KGB masters with information, such as that of expected oil reserves in the event of war. Whilst in Canada the authorities apparently uncovered what he was doing but he suffered no retribution. That is until he stopped off in Great Britain on his way to a holiday in Spain. He was arrested and after a trial was sentenced to ten years in gaol.

Whether he served the full term or was kicked out after only a few years with a new identity is not known. Obviously if anyone knows please contact E2k and spill the beans!

Secret Writing?

Is it actually a secret how it's really done? In researching the above, on receipt of the members letter, an image of the Luminiere was found on page 65 in a book entitled 'The Intelligence War: Penetrating the Secret World,' by Col William V Kennedy. Also in the same picture were two bottles referred to as chemicals used for secret writing. The label was not easily read but with the help of a 6x loupe the label was read on one as 'Potassium Iodide'. I couldn't read the other label but I have an idea that it would read 'Soluble Starch.' KI is an indicator when starch is present [or vice versa]. Write your letter with a solution of soluble starch – its odourless – and allow to properly dry. The recipient merely paints the page with a 0.5% solution of KI. [It would be more positive if the KI soln is mixed 1:1 with Iodine solution.

So there you have it. The same image showed a special pad that HH used to write secret messages on. I immediately thought of impregnated paper, but then drying paper would distort the fibres noticeably. I reckon the paper used was absorbent and not prone to distortion on drying.

Don't You Have Anything Better To Do?

Anyone who has done a British Army 'Escape & Evasion' exercise will know how it ends - even if you are one of the very small percentage that actually make it to the Final RV. You end up face down, plasticcuffed with a hood over your head. Next, you receive a bit of the kicking – the extent of your kicking depends upon if they think you are an officer, which unit you are with & who has captured you. Nothing too serious, just some sore ribs for a few days to remind you that you were 'captured'.

Now, it seems to me that in a vain attempt to pursue their thinly veiled political agenda, the International Committee of the Red Cross has made yet more spurious complaints to the Ministry of Defence with regard to the treatment of prisoners captured during the double ambush incident on the road between al-Majar al-Kabir & al-Amara.

If you recall, supporters of Muslim cleric, Hojatoleslam Moqtada al-Sadr tried to ambush a patrol of the Argyll & Sutherland Highlanders. When support was called in from the Household Cavalry & 1st Bn PWRR, a second ground tried to ambush the reinforcements. In a bitter hand to hand fight, the Jocks & Toms fixed bayonets & carried the night in close quarter fighting.

Twenty Iraqi terrorists were killed & a further nine taken prisoner.

Firstly, the MoD has seen fit to deny that any of the terrorists were killed with bayonets...why? The bayonet is a legitimate infantry weapon & not banned under any convention. There is absolutely nothing wrong with giving some TERRORIST the 'taste of cold British steel'. Why the appeasement? What is the point? Frankly, I would have thought that it should be stressed to all terrorists actual & potential, that British soldiers are not afraid to get out of their AFV's & press home an attack – right up to the point where it becomes 'up close & personal'. Whilst they might not fear infantry driving past in a Warrior IFV, 150lbs of fighting mad Jock, coming out of the night, hollowing highland battle cries & trying to impale them with his bayonet might persuade one or two that the prudent course of action might be to stay at home from a quite game of bridge. Secondly, the ICRC has seen fit to complain that some of the captured were 'hooded'. You don't say...how terrible...what base beasts...what a load of old codswallop! So let us look at the facts here. These TERRORISTS, tried to ambush coalition forces.

Then a seconded group of TERRORISTS tied to ambush supporting troops. Most of the TERRORISTS got themselves martyred (at not inconsiderable cost to the British taxpayer & not inconsiderable inconvenience to British forces). Obeying the terms of the Geneva Convention, nine TERRORISTS were taken prisoner, possibly because they were making clear their intention to surrender having decided not to become martyrs that night. Now, some 'witnesses' say that some of the TERRORISTS that were spared were hooded as they were put on to vehicles...please!!

I am delighted that the ICRC has solved human rights abuses out all over the world that it has time & money to devote to utter rubbish like this. Forget what Arab gangs are doing in Sudan – clearly the Zimbabwe situation has sorted itself out – as for Burma, clearly everyone is happily playing croquet these days. For the Red Cross to be worried about this is simply mind boggling – the fact the government & the MoD is even listening to them is even more astounding – surely the Red Cross have something better to do than peddle this sort of rubbish?

However, the lesson is clear & has been re-learned. Recall if you will a little unpleasantness in Gibraltar a few years ago when Irish TERRORISTS got became martyrs to the cause, while trying to car-bomb the place. If you remember, at the absurd inquest that was held, Soldier A or B or whatever he was called, was asked why he had shot Shamus O'Murdering Carbombing thirteen times. He replied that thirteen rounds was all that his magazine held! There is the answer, if there are no TERRORISTS left standing at the end of the night, there is no one to run whining to the Red Cross. If we don't kill these swine, the next thing you know the Red Cross will be complaining that they weren't read their rights or denied access to a lawyer or some other idiotic so-called human rights inspired nonsense.

[See the original on http://www.fmf.net/archives/cat_military.html] Tnx AnonMW

HJH's E2K WATCH.

The nocturnal surfing of HJH has brought these tasty morsels to the fore for the immediate edification of ENIGMA 2000 readers everywhere. Now if you're sitting comfortably.....

WHO'S A LUCKY BOY THEN?

From across the pond comes news of a decision to drop charges against one of Area 51's most persistent self-appointed investigators, namely, Chuck Clark, a 58 year old amateur astronomer (I wonder, does our hobby make any of us amateur Intel. agents- Nope, didn't think so!)

Having been charged in 2003 with one count of "maliciously interfering with a communications system which was used in national defence". (The equipment concerned was part of the highly sophisticated monitoring system which surrounds the US Airforce top secret base at Area 51.) he has just had the charge dropped, and here's what happened.

Apparently, part of the perimeter defence system of this base consists of buried units, which have a small antenna projecting above ground. These units are, presumably, seismic monitoring devices. Clark is a well-known "investigator" of this base, and with a fellow "base watcher", one Joerg Arnu, began to locate and map every sensor which they could locate. They used a portable frequency counter to locate these units. They located and dug up a total of 40 of these units, having used the frequency counter to home in on their radio transmissions. Having recorded the 3-digit code of each unit, they then replanted the boxes. Estimates as to the total of these seismic sensors vary between 75 to 100. Each is clearly marked "US Government Property." Some are, allegedly, planted well outside the official perimeter line of Area 51.

Following the removal of one of these units, Mr. Clark's trailer home.(US Speak for caravan or mobile home) was "visited" by representatives of a law enforcement agency, and he was later served with the felony writ mentioned earlier. The case has now been settled, part of the settlement being a total ban on Clark tampering with the sensor units, or breaking the law in any way. Seems like he got off lightly, having regard to the proliferation of signs surrounding Area 51 telling "visitors" not to enter, and that "deadly force" is authorised.(This means they can be killed.) He was also bound by a court order to advise the court of his whereabouts at all times. Sounds as though he got off lightly. Had he or his fellow "anorak" been shot and killed, they would not have survived to complain about this. And you thought Brits were stupid!

GEEN STIJL

Not much gets past the eagle (albeit a trifle bloodshot!) eye of the E2K WATCH Desk. Which is more than can be said for the unfortunate person responsible for the Cyberslip which resulted in the release of information to the "controversial" Dutch web site "GEEN STIJL." (Dutch for "NO STYLE") The security classification is, in the loser's own words, "Highly Classified". So, who is the loser? Apart from the poor guy/guyess who made the fatal slip on the keyboard, none other than the Royal Dutch Marechausee. This is a branch of the Dutch Armed Forces responsible for, amongst other things, Border Guard duties. (Not that they can complain of overwork in THAT department, given the lamentable state of affairs, which the EEC has thrust, upon the member nations of that pathetic organisation.) From the outset, let me say I have nothing but respect for the men and women of the Dutch unit concerned, as, I am sure, have all BAOR squaddies past and present who encountered them on countless boat train trips to and from UK. Always good-humoured, they were a help to many a travelling Brit who had taken on a good load of "Amstel." So, what makes this slip so serious?

Quite simply, the content of the information. The documents, said to total at least 75, and this author has no doubt that the total is a conservative (small "c") estimate, contained, amongst other information, classified telephone numbers and conversation transcripts which had been obtained by wiretap. An undisclosed Dutch source says the information surfaced on a P2P site, perhaps Kazaa. One theory is that the documents were being worked on at home by a member of the DRM, and that he inadvertently shared them with the rest of the world and his dog! Yeah, and somewhere Elvis lives, and that really WAS a B 17 on the moon!

GEEN STIJL has stated that they will cooperate fully with the inevitable enquiry, and that they will not release the documents. (Neither, the author is firmly convinced, will they record the details for posterity!) It is to be hoped that this is a genuine error, and not just a way for someone who does not have the best interests of the Dutch Border Guards at heart to scupper ongoing investigations.

This has done no favours for the Dutch prosecutors office. Last year, a senior Dutch prosecutor resigned after throwing out his old PC with the household trash. Was it for contravening some new green directive from the Brusselsbunker? No Siree Bob, the hard drive on the PC concerned contained not only the unfortunate lawyers credit card details, social security number, and personal tax files, but also hundreds of pages of classified information with details of ongoing high profile criminal cases. And you thought the Crown Prosecution Service recruited dummies! Read it and weep, guys!

G.P.S. BITES BACK!

In the USA, it would seem, the lines between terrorism and good old honest normal crime are already becoming hazy, if not eradicated completely. In a recent (Story posted 12/01/05) case before a federal judge in New York State, a ruling has been made which will, this author would imagine, have the "we know our rights brigade" longing for the days when, it seemed, nothing the police or law enforcement agencies did, was right.

So what was this earth-shaking event? Robert Moran, who has law offices in Rome (that's New York, guys, NOT Italy!) as well as connections to a Hell's Angel chapter with strong links to the drug world, was under investigation by law enforcement officers (agency unspecified).

Due to the notoriously close knit nature of groups of this nature, the investigators ruled out normal infiltration techniques, opting, instead, for placing a Global Positioning Bug (GPS) on the car of Moran.

His movements were duly monitored using this kit, and he was arrested a month later on drugs charges. These actions were challenged, and the federal judge mentioned previously, gave judgement that no warrant was required for this action.

It was held that the appellant had no expectation of privacy in the whereabouts of his vehicle on a public highway.

It seems that in the land of the free, more and more courts are coming to decisions of this nature. So there you go guys. There's just one ocean to cross before it gets here, and if this author remembers correctly, both Mr. and Mrs. Blair were barristers in a previous incarnation. (You know, that's the same Mrs. Blair with links to a law firm helping, amongst others, asylum seekers with "human rights issues").

There a few guys in HM Forces (not all of whom are still above ground) who could have done with some of that!

So there you go, as the GPS man would say, you pay your money, and you pick your satellite. Serious as drugs and the related crimes are, it's one more step down than terrorism, although the two are closely related.

One wonders how many Social Security investigators will be gleefully slapping GPS on cars outside the Benefits offices for the same reasons? You got it from E2K first, guys! [And all Gerry Adams claims he got in his car was a standard bug!]

TO THE LAST ROUND.

And that could be sooner than some think, if what has popped up on the trusty workstation of HJH is true. A source in DEFENSETECH.ORG has an online account that states that it is no secret that the US military is low on ammunition. (Bet the LAPD and SFPD wish the same could be said for the juve gangs on their respective patches! *And nearer to home it just has to have those in Trident wishing the same!*) Accounts have appeared in foreign press reports (sadly, no source given) that the American military are considering buying ammunition from Taiwan.

Taiwan's United Evening News has run a story, according to which, the Pentagon is considering the purchase of 300 million rounds of 5.56mm-calibre ammunition. The usual undisclosed source has stated that this is the first proposed purchase by the USA from the Defence Department of Taiwan. The same undisclosed source is further quoted as saying that Taiwan is seeking only to cover the cost of production in this deal. He/she goes on to say that any profit made would go to factory expenses. (Here, readers can add their own thoughts. Those of this author tend towards company cars such as Rolls Royce, BMW, and other run of the mill vehicles. (Bet the same won't hold true for any guidance systems for Patriot, Shrike, or Harpoon missiles which a grateful Pentagon orders from same said source!)

The ammunition manufacturing plant specified in this report, is Plant 205 at Kaoshiung. Due to the long spell of peace (?) in this area, there is, reportedly, a large surplus and storage problem at this plant. One year ago, a similar report was in circulation, but in that report the potential outsourcer was in Israel. Wonder what al Jazeera would have made of THAT one!

This brings back to the memory of this author, (and doubtless to any others) who served in the late 70s, and early 80s, the notorious "curry puffs" which, at that time, the British Army had, apparently, acquired from India or Pakistan.

The load was such that on many occasions, the recoil was insufficient to obtain a recock. The author's personal weapon at that time, when on duty with a Reserve unit which shall remain nameless, was a 9mm. Browning Hi power pistol. Stoppages occurred on many occasions on the range with this ammunition.

To return to the stated intent of the seemingly generous plant intending to recover only the manufacturing costs, is it too cynical to believe they could have their eye on the possibility of future vast expenditure of 5.56 rounds when/if we (a term the author uses advisedly) try to bring Iran back into the fold. Wonder what other weapons take 5.56?

Any old "Green Jackets" want to help on this one? Dust off your flack jackets guys, it's coming up showtime!!! [Is this 5.56 actually any good? Yours truly used a SA80 and LSW at a place that shall remain unmentioned. Personally much preferred the 7.62 SLR. Now there's a real showstopper and shoulder breaker with an incorrectly adjusted gas plug!]

E thanks for yr logs and news – sri abt qrm. Have you tried battery op/choking mains to reduce buzz? JC pse contact KW usual route

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

Frequency Details can be downloaded from: http://www.cvni.net/radio/

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

Some CODAR/HF Radar info sent from AnonMW: http://ion.le.ac.uk/cutlass/index.html
--

http://www.codaros.com/index.htm http://ifmaxpl1.ifm.uni-hamburg.de/Info.shtml

RELEVANT WEB SITES

<http://www.eyespyimag.com/bnews5.html>

http://www.ctv.ca/servlet/ArticleNews/story/CTVNews/1104844430324_66/?hub=World [FOIA from J6M]

http://perso.wanadoo.fr/tvignaud/am/e1/e1_emet.htm [Europe 1 transmitter pics].

<http://www.pacificsites.com/%7Ebrooke/crypto.shtml> [Crypto site via HJH]

<http://www.fists.org/> [American Morse site via HJH]

<http://homepages.cwi.nl/~dik/english/codes/morse.html#original> [Useful Morse site via HJH]

http://news.bbc.co.uk/go/pr/fr/-/1/hi/uk_politics/4145769.stm [J6m: Sir David Omond's replacement]

RELEVANT WEB SITES continued:

http://news.scotsman.com/latest.cfm?id=3958484 J6m]	[Low down on replacement – tnx
http://www.fas.org/irp/eprint/resume.pdf	[CV from 'JB']
http://www.qsl.net/w5www/index.html	[US Ham page – it's good, via HJH]
http://homepage.ntlworld.com/alan-turnbull/secret-index.htm	[Secret places indeed.....]
http://www.cicentre.com/index.html	[An interesting site found by HJH]
http://www.army.mod.uk/royalsignals/14sigreg/index.html	[Well worth a dekho]
http://www.premisesnet.co.uk/news/ericsson_MD110_threat.asp	[For the telcom analysts amongst us ;)]
http://www.evilmagic.org/berlin/stasi1.htm	[Tour of GDR –excellent, via HJH]

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

**Please note that all items intended for publication in the next ENIGMA 2000 newsletter should be received in good time.
Please send your articles, news items and requests via: enigma2000-owner@yahoogroups.com
Please indicate if you wish to be contacted direct.
If you wish to be credited with your article please indicate, otherwise all work will be treated as 'Anon'.
©ENIGMA 2000**

One of our regular log-contributing members added this to the end of his logs:

"Let's hope some of the non-contributing members in the group can send in their logs."

So if you enjoy reading the ENIGMA 2000 Newsletter why not break a lifetime's habit and actually try to give something back for what you receive for nothing, rather than displaying a parasitic bent.

Thanks to all those who regularly supply their logs or give other info to ENIGMA 2000.