ENIGMA 2000 NEWSLETTER

Jan 03

Articles, news reports and Items of interest: e2k_news@hotmail.com **Issue 14**

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

Welcome all to Issue 14, January 2003, and we wish all our friends and contributors the traditional Seasonal Salutations.
The Newsletter is now well into its 3rd year of publication and going from strength to strength, thanks to all who have made some very kind and constructive comments and suggestions, your editors are delighted to receive them, but sadly it is not always possible to send individual replies – particularly when we are nearing publication dates, we have a very hectic time.
Looking back over the past year the quality of submitted articles has been superb, over the coming year they will be even better – judging by the "Notices of Intent" already received from a whole range of future contributors offering to share their expertise.
These will widen the scope of our Newsletter slightly, but are closely associated with our core values of providing information, training and developing the "numberist" hobby. The first is in this issues Beginners Corner.
Looking at the Solar Activity since Issue 13 conditions had been relatively settled, until a few days before the Christmas Holiday "listening season" when a short-lived Solar Noise Storm popped up followed by a M2.8 flare (19Dec) multiple event & CME with following Proton Enhancement which gave some minor disruption over the Europe/North America regions. The SSN then dropped quite markedly from 20 Dec, and are still falling (31 Dec) the changes are very noticeable at my own QTH with 5-8megs, my usual hunting ground, almost dead in the 17.00-22.00z slot, but funnily there is unusual sporadic B/C activity.
Other reports indicated periods of intense activity on the upper freqs 24-30+ megs, in all modes, but this is not regarded as being a ripe "numbers territory".

Control List, minor updates to Dec 02 issue, it will be posted on group site.

E10's lots of "strings" again, see main entry.
V02's, marked decline in activity.
S10d/M10, very interesting article.
Update M13, poss variant in N/L 13- P4, now confirmed as being the monthly M13a TX.
New, M87 added to Control List

Last Issue I remarked that our friend Don Schimmel of www.Dxing.com had provided info on the "Unid 1, Issue 12" and as promised the full report is reproduced below, with permission, which "dots the I's and crossed the T's" of this long running operation.

SUSPECTED INTERCEPT OPERATOR TRAINING
In December 1995, Kevin Tubbs VT advised me regarding signals he heard on 16172 kHz which appeared to be those of a very active net. Various traffic formats were observed and various modes o transmission were utilized. It soon became evident however that this was not a net but in fact was a single transmitter simulati network operations. Modes observed included CW, SITOR-B, FEC, ASCII, and several baud/shift RTTY signals.
The traffic consisted of cipher texts of five-figure, five-letter, four-letter, four-figure, three-letter, and three-figure groups. In addition to the cipher traffic, numerous plain text messages were broadcast also. There were a few plain language callsigns such as ATLANTIS, DISCOVERY, CHALLENGER, and COLOMBIA.
Other callsigns were four-character, four-letter, and two-letter calls. It was noted that messages were often repeated days or weeks after the original transmission and some of the schedules were identical in
content to previous schedules.

I had passed the information from Kevin on to Tom Sevart KS and in April 1996 he found the activity was now on 16303 kHz. The use of incorrect as well as correct dates were seen on the messages. On 17 September 1996 a plain language message gave instructions for the exercise for that day. Recipients were told that the date was to be considered as Tuesday, 3 September 1996,and all time references in the traffic were to be considered local time which converted to Zulu time by adding seven hours. Operation on 16303 kHz continued on onto 19097.
Tom Sevart advised he found the activity on 10225 kHz and he determined it was in parallel with the 16303 kHz frequency. On 13 July 1998 Tom heard the activity on 16080 kHz and observed plain language messages transmitted in AM mode.

In going through the collected traffic I kept thinking I had seen an article somewhere at sometime in the past which had mentioned an activity like that described above. After searching through a batch of reference material, I found the article in the Monitoring Times issue of April 1990 on page 20. The article was by Laura Quarantiello and was titled Scanning the Military Madhouse.
A portion of the article told of a FACSFAC (Fleet Area Control and Surveillance Facility) installation located near San Diego, CA and it was run by the Flight Combat Training Center at Point Loma.
Naval radar operators and combat intercept operators were trained at the Center.

On 28 October 1998 Tom said he had received details from an undisclosed source who said the transmissions we had been following were broadcast by FACSFAC Southern California Offshore Range (SCORE) which was located at North Island, CA.
One frequency mentioned was 10225 kHz and it was reportedly in use for the intercept operator training. The actual location of the transmitter was believed to be on San Clemente Island which is just off the coast of California.
In November 1999 Tom heard the activity on the 16303 kHz frequency when he saw SITOR-B, CW, and ASCII 75/170 modes.
Periodic intercepts were reported during the ensuing years which indicated 16303 kHz still in use. On 22 July 2002, two WUN items were intercepts of the training activity. 16302 kHz was reported in use with CW transmissions. Callsigns BANDAR, JACK, JERY, and HARY were seen.
The WUN items were from Igor, RU and John, MA. On 23 July 2002, John Cramer, AZ notified me that he had copied similar traffic on 10233 kHz in June 2001.

From the above it is evident that this training activity continues to function. One could speculate how many operators have been trained during its entire operating period. It is certain to be a huge number of individuals.

BEGINNERS CORNER (Part 3, M.Oxner/ML)
Not Number Stations but very good CW practice for our budding CW monitors, and a meaningful challenge in the reception of low power CW Long Wave beacons for all of us.
We are used to the regular reporting of the Short Wave SLHFB's in our Newsletter so a report from Michael Oexner http://members.aol.com/lwcanews/oexnerNDB.htm posted to WUN caught my eye.
Thanks to Michael it is reproduced below, and the first ENIGMA member to submit a valid log to ourselves - with a CC to michael.oxner@web.de will be "highlighted" in the next Newsletter.
For our "newbies" these LW beacons will be easy to identify, but probably hard to catch, as the CW for Z (dah dah di dit) is readily readable under poor conditions (in my humble opinion, Ed), give it a go – I'm going to. You will also find many other LWB's in the same frequency area to sharpen your CW teeth on.

****
As some of you might know Canadian "single letter" NDBs have all been assigned new three letter callsigns beginning with the letter Z.
I'm enclosing a list showing the new callsigns. Those marked "*" have already been heard by North American DXers.
It would be great if you could try to listen out for those that *haven't* been heard yet. Please report back to the list.

Note that these are in the main aeronautical navigation aids, only a few being used for marine purposes – Ed.

The list is sorted by callsign/frequency/Area-City-Province

ZMC,201.0,,,Fort McMurray/Clearwater,AB
ZXD,201.0,,,Edmonton City Centre,AB
ZAB,215.0,*,400,Edmonton Intl/Leduc,AB
ZCA,233.0,*,400,Blackfoot/Calgary,AB
ZYC,254.0,*,400,Sarcee/Calgary,AB
ZET,292.0,,,Edmonton Intl/Nisku,AB
ZED,308.0,,,Edmonton Intl,AB
ZEG,379.0,*,400,Edmonton Intl/Nisku,AB

ZXJ,246.0,*,,Fort Saint John/Taylor,BC
ZZP,248.0,*,1020,Sandspit/Dead Tree Point,BC
ZXS,260.0,*,1020,Northwood/Prince George,BC
ZVR,368.0,*,1020,Sea Island/Vancouver,BC

ZWN,201.0,*,400,Snowhill/Winnipeg/Downs,MB
ZZZ,203.0,*,400,Nicklebelt/Thompson,MB
ZWW,215.0,*,400,Muddywater/Winnipeg/Boine,MB
ZHT,236.0,*,,Goldenboy/Winnipeg/Forks,MB
ZCH,257.0,,,Beluga/Churchill,MB
ZTH,276.0,,,Headframe/Thompson,MB
ZWG,287.0,*,400,Medicinerock/Winnipeg/Stoney,MB
ZYQ,356.0,,,Polarbear/Churchill,MB

ZCL,281.0,,,Charlo/Blackland/Chaleur,NB
ZQM,304.0,*,,Riverview/Moncton,NB
ZMN,366.0,,,Lewisville/Moncton,NB
ZST,397.0,*,400,Alpine/Saint John,NB

ZYT,246.0,*,,Outer Cove/St John's,NF
ZNF,270.0,*,,Wabana/St John's,NF
ZJT,340.0,,,Stephenville/Harmon,NF

ZYD,201.0,,,Sydney,NS
ZQY,219.0,,,Sydney,NS
ZHZ,364.0,*,,Halifax/Split Crow,NS
ZNS,385.0,,,Halifax/Midtown,NS

ZXU,201.0,,,London,ON
ZLB,236.0,,,Toronto,ON
ZQT,263.0,*,400,Superior/Thunder Bay,ON
ZTS,263.0,,,Timmins,ON
ZHM,266.0,,,Hamilton,ON
ZSM,286.0,,,Gros Cap/Sault Ste Marie,ON
ZTR,317.0,,,Trenton (RCAF),ON
ZKF,335.0,,,Kitchener/Waterloo Regional,ON
ZLP,341.0,*,,Toronto,ON
ZOW,344.0,*,400,Ottawa/Moody,ON

ZSB,344.0,,,Sudbury/Noranda,ON
ZYZ,368.0,,,Toronto,ON
ZPI,385.0,,,Toronto,ON
ZQG,398.0,,,Windsor,ON
ZHD,399.0,,,Dryden,ON
ZTO,403.0,,,Toronto,ON
ZYB,404.0,,,North Bay/Yellek,ON

ZYG,400.0,,,Charlottetown/Covehead,PEI

ZDV,201.0,*,,Montreal/Valois/Dorval,QC
ZMB,224.0,,,Montreal/Montagnes/Mirabel/Monic,QC
ZMM,266.0,*,,Montreal/Colomban/Mirabel/Joly,QC
ZMR,272.0,*,,Montreal/Belle Riviere/Mirabel/Hermas,QC
ZMT,284.0,*,,Montreal/Ahuntsic/Dorval/Jarry,QC
ZMX,317.0,*,,Montreal/Janvier/Mirabel,QC
ZUL,348.0,*,,Montreal/Rockland/Dorval,QC
ZZV,354.0,*,,Sept-Iles/Monoghan,QC
ZHU,407.0,*,400,Montreal/Saint-Hubert/Hauts-Bois,QC

ZSK,201.0,*,400,Moonlake/Saskatoon,SK
ZQR,204.0,*,400,Regina/Wascana,SK
ZRS,219.0,*,400,Regina/Jaypower,SK
ZXE,356.0,*,400,Redkite/Saskatoon/Barnes,SK
ZPA,372.0,,,Glass/Prince Albert,SK
ZSS,397.0,*,400,Yellowhead/Saskatoon,SK
ZRG,414.0,*,400,Regina/Baldprairie,SK

ZXY,353.0,*,,Klondike/Whitehorse,YT

SELECTED MORSE STATIONS

Unid 1 Per AB, 5634kHz, the "dashless" CW station.
Another monitor has remarked that under weak signal conditions it does sound "dashless" but managed to log a repeated "GM3Z GM3Z GM3Z DE PNW9 PNW9 PNW9 V" for over an hour with a relatively clean signal.
Further info/ comment invited.

Unid 2 Per IB
5115kHz, 14.00z, 5 Nov 02. MCW
"vvv vvv vvv cq cq cq de 625 625 625 qrk5 qtc k (rptd) hr w37 bt" 37 x 5f all rpt with long pause after each 5th group

Unid 3 Per IB
5523kHz, 07.50z 24 Dec
"uuu 22 1850 = w/k ar = wk/ar = wk/ar
uuu 23 1850 = o/f = ar = o/f ar = o/f ar
etc
ending ar qsl 19.00 qsl 1900"

M08a
Would appear that skeds have been reduced since December
No set freqs (although some patterns are beginning to emerge), daily TX's, usually best in the early hours but logs from the 08.00-12.00z slot are increasing, possibly due to both improved conditions and more intensive monitoring. Still a lot of "sloppy ops" – getting to be a regular feature.
Also noted were unusual "trailing numbers" to the 5f gps on some TX's, we will monitor. (MS)
Heard on 3025/3244/4027/4478/6796/7890/8136/91529323/10126/10346/11432kHz etc during this "morning" slot and would indicate that the TX's are intended to be received over a very wide area.
Other freqs4506/5758/ 7555/7519/7526/7580/8135/9026/9063.
MS remarks:-
[The 07.00z sked, 18 Dec, on 9063kHz was most interesting, it started out in CW with garbled xmtr cxr sending :- …. 22000 22220 (stops, goes silent), at 07.07z AM xmtr cxr comes on and 2 (two) V2a b'casts come up blocking each other out ! Please note that as far as the 07.00z CW portion goes, I copied an M8a sked on 31 Oct 02, 09.00z, 10126kHz, sending callup of "20 00200 00200 02020" R3, then went into the standard three messages which were composed of all 0's & 2's. Could this be a new M8a procedure, is there a significance to these all 0 and 2 b'casts, has anyone else seen (heard) this
phenomenon.]
ED, a full transcript of this TX was given in Issue 13, but the above is the first logging of a possible repeat sequence.

M10
No set freqs, Daily skeds,MCW
See the interesting M10/S10d article at beginning of Voice Section.

26 Oct 02 07.20z 9165kHz, sent longer than usual mssg, not ending until 17.34z . On 27 Oct 16.30z sent on 5078//7745kHz a 4 mssg TX to 571 275 049 & 435 followed by another to 571-54-42.
The 2 Nov 02 16.30z sked went out on a new freq of 6783kHz, // not found, but possibly 4030kHz as found on 3 Nov with the repeat TX.
Posible change of freq for the 02.10/04.10z skeds implemented from 1 Nov 02, still trying to track them down ***
On 25 Nov noted with header change to 222, 22.00z 5301kHz.
"222 608 21 320 17" R5 "608 50 21, 21 x 5f" "50 21 320 46 17, 17 x 5f" "46 17 000"
*** Found, 16/18 Dec 02 02.10z/04.10z skeds, 5027kHz "555x3 898x3 19 310x3 22" R5
Other freqs heard:-4007, 5301, 5471, 5860, 6763//4030kHz

M10e
Still with us, heard 6 Nov 02, 08.00z, 7381kHz , hand sent,with an odd 2 ID (91953 & 12802) TX with only a 5gp msg to each !! (GD)

M12
No set freqs/skeds, timing is still erratic
Heard on 7644kHz, 22.33z ,in prog, 4 Nov 02 with a small "glitch" , a pause between end of mssg and the sign-off, and again on 11 Nov same time/freq with a "269 x 3, 0 0 0 " null sked.
29 Oct 02, 13.37z 12133kHz, first sending of the "963" sked with second sending at 19.50z, 13544kHz
Records show that skeds appear to be a repeat of last year, for November at least.
Other freqs heard:- 5471, 5796(QRM from Radio Sofia), 6767, 6856, 7675, 8084, 9411(inside 31m b'cast band), 10823, 14916, 16143, 17443, 18743,

M13
Noted that there is BC blocking to many Tx's
Came up on 4927kHz, 2 Nov 02, with 411 but very weak, with other expected Tx's being NRH
Other sample logs:-
5 Nov 02, 6837kHz, 22.00z "272 R5, BT 262 21 BT"
6 Nov 02, 9044kHz, 07.00z "823 R5, BT 218 22 BT"
15 Nov 02, 9252kHz, 21.00z "714 R5, BT 218 21 BT"
17 Nov 02, 4927kHz, 05.30z "411 R5, BT 243 21 BT" repeated on same freq at 21.30z
6 Dec 02, 5283kHz, 22.45z "757 R5 BT 244 20 BT
9 Dec 02 4846kHz, 21.00z "695 R5 BT 225 20 BT
17 Dec 02, 6272kHz, 21.00z "517 R5, BT 224 21 BT" repeated on 6472 at 22.00z.

M13d
Appears to be taking a holiday again !!

M14
1st & 3rd Fri of month sked
Fri 1 Nov 02, 20.00z 6940kHz clg 831. DK/GC 407 407 23 23 = = 5F's. MCW
P remarked that possibly this was the first full mssg sent by this sked since July 02, 21.00z repeat TX not found.
Fri 15 Nov 20.00z, 6940kHz, 831 831 831 00000, 21.00z repeat TX not found
Very Odd one
Wed 6 Nov 02, 20.00z 5110kHz, started sending the 1st Fri TX "831 831 831 00000 for 4 mins ????
Carrier up at 19.46z, tone at 19.50z, long sequence of "dits" at 19.55z
At 21.00z, 5735kHz, started the second sending, at a higher freq than the first – opposite way round to the usuall, but not entirely unexpected as this pattern of behaviour has been observed previously during winter months, in Dec 01 it used 5075 then 5450kHz, possibly the same will happen in Jan 03. But why?? . Are the 1st& 3rd Fri TX's going to add a 1st & 3rd Wed sked – we will be watching.

M23
Made a further appearance, 6 Nov 02, 11.00z, 7800kHz, clg 284. Last heard on this freq 9 July 02 (GD)
Possible new sked/freq 07.00z /6575kHz also noted 6 Nov. "555 R10" (MS)
13 Nov 01.35z 10870kHz, in prog, "555 R"

M24
21 Oct 02, 18.39z, 11140kHz ending 378 378 120 120 00000 (short)
26 Oct 02 19.37z, 5455kHz ending 954 954 102 102 00000 (short)
6 Nov 02 19.36z, 5450kHz ending 902 902 103 103 00000 (short) Using RAF Volmet freq.
24 Nov 02 19.38z, '' '' 273 273 105 105 00000 (short '' '' ''
10 Nov 02, 16.01z, 8017kHz sending 946 946 946 00000 (short) Sent in MCW !! (appeared to be constant carrier ,keyed audio)

M40
20WPM, short zero, poss N Korean heard 1Nov 02, 4350kHz, with header "vvv cq611 934" R5 "hr hr 46 46"

M51
18WPM, Auto
30 Nov, 08.16z, 5402kHz "BT NR 12 N 20 09.15, 56 2002 B*T" suffering QRM/QRN
10 Dec, 07.50z, 5345kHz?, BT NR 45 D 10 08.49 59 2002 B*T

M83
4dig c/s, long zero, auto, 6-10WPM.
14/19/28 Nov, 5302/5303/5246kHz, 08.02, 08.18, 08.41z sending "PV5R de ADKZ" differing mssgs.

M87
Difficult to hear outside East Europe/East Asia, only logged once in UK/EU (by GD) but is a sporadic regular for Igor in Siberia.
Format is "nnn (3f ID sent up to 20 times) 000 (short)" possibly hand sent. The Id's are never repeated and only null Tx's have ever been heard.
No regular skeds or freqs established.
1 Nov 02, 13.00z, 12150kHz sending 698
6 Nov 02, 23.00z, 10515kHz sending 651

SLHFB's
During Oct/early Nov good conditions prevaile for the MXI's, cluster beacons, especially those on the higher freqs, for example:-
16332/13282/20048kHz, P, D & C being heard on all, the P being replaced by S on 2nd Nov

Thanks to: AB, BM, DoK, Gert, GD, IB, JD, LP, MS, ML, MoK, PoSW, Anon1 UK

SELECTED VOICE STATIONS
To start this section a continuation from DoKent concerning the activities of S10D and M10:
S10D and M10 continued:
I would like to continue where I finished in NL13, but firstly my thanks for helpful comments and information received, particularly from GD and PoSW. Regrettably some of the details will have to be held over for NL15.
Finally to Greg Hajek – thanks Greg, for the Ingenta address, perhaps when I receive this info from them it will help me to understand the workings of the Maxim Max 436 transconductance IC.

But now back to business, below is a chart of frequencies, times and days for M10/S10D. This chart was valid from July to November inclusive and should be viewed for record purposes. These are times, days and frequencies when transmissions took place. There may be others but unless they are reported, the lists will not be complete. The second chart is current, from December 1st. It will be seen that some frequencies have carried over and are still being used. Two frequencies are in day to day use, namely 4007//3522kHz and 4958//7605kHz. The others seem at times to be drawn out of a hat, like raffle tickets, mostly S10D transmissions.

It would appear at first glance that this is a very active group, however, the majority of transmissions are repeats. Today 11-12-02 I have copied six transmissions, two AM and four CW. Only one of these transmissions was original, the others were all repeats, some, many times over. Recently there have been some strange occurrences. On the 26-11-02 , whilst I was copying S10D on 5027kHz, GD was copying M10 on 4958kHz (not the same message) unless of course the encryption was different, including ID s etc. This week we have this happening again.

Tuesday10-12-02, at 2100z , M10 was on 4007//3522 kHz and S10D on 7380//4835 kHz
Wednesday 11-12-02 we have this happening again, although this time both transmissions were repeats of the previous day.
There are a couple of other things that are under investigation at present but more information required before reporting on them, NL15 I hope.

As stated in NL13 I have been asked to give some background on my travels etc, particularly those in central and Eastern Europe. I hope readers will find it interesting.

My first trip abroad found me arriving in Iraq in 1955 and this was the time I first became interested in the field of amateur communications. I had been constructing equipment from a young age and this seemed a natural progression. Many happy hours were spent in front of a microphone and pounding away on a Morse key contacting people all over the world: any YI2AM operators reading this I wonder? Returning to the UK towards the end of 1956, a fairly routine life followed.

In 1975 I made my first visit to what was then Czechoslovakia, part of the old Communist eastern-bloc.

I flew into Prague airport and the plane landed in the late afternoon. There followed an unexplained long wait for an internal flight to the rural town that was my final destination. The airport in those days was not very busy and it turned out that the plane I was waiting for was parked in its appropriate position all the time. It was a twin-engine prop plane, very noisy and vibrating, quite small and there were only about eighteen passengers. When I arrived at my final destination, it was after dark and only later did I realise why.

On leaving the plane, I was surprised to see we were surrounded by a detail of armed guards who escorted us into the reception.
It was here that I almost made my first mistake. The Officer in charge of the guard detail had his radio strapped across his chest and the case was held together with elastic bands, I just about managed to hide my amusement. As it turned out, this was a military base, hence the guards.

During my ten day stay I met a number of people, many of whom I am still in contact with today. One of the most vivid memories of that visit was being taken up into the hills by a gentleman who was in the Partisans during the war. He showed me a derelict cottage where five of his friends were lined up against the wall and shot, the bullet marks were still clearly visible.

Setting out to return home, I was informed that the internal flight to Prague was cancelled and I had been allocated a sleeping compartment on the train leaving at midnight and would arrive early morning in Prague. Being shown into said compartment by this attendant, I was then told the train water system had broken down and was presented with a jug of cold water and a bowl to freshen up when we arrived. I settled down hoping to sleep through the journey. Some hope! I think the train went all over the country stopping and shunting, picking up extra carriages. Eventually arriving in Prague at 7am I found myself at the end of a very long train, heavy luggage, no porter and no trolley. By the time I arrived outside I was dead!

Fortunately there was a taxi on hand to go to the airport with a driver who only wanted foreign currency. I was not going to fall into that trap.

Eventually arriving back at Heathrow I breathed a sigh of relief and decided that future journeys would be by car, and so it continues.

I started out full of enthusiasm for this project but time and painful memories have drawn it to a premature end. I leave it to the Editor to decide if it was worthwhile.

A final word in closing Jochen, sorry I did not keep my recording of X06.
I have been asked why I did not show repeats in my write-up on M10/S10D.
Messages when written out are as I recorded. Repeating groups etc. is an operational requirement to enable the recipient to be sure that he receives it 100% thus overcoming the effects of QSB and ORM.
Best wishes to everyone in 2003, listen long and be productive. (A Stastny Novy Rok), D of Kent

Chart 1 [July to end of November]

Freq kHz	SUN	MON	TUES	WED	THURS	FRI	SAT
4958			1720		1720	1720	
5027			1740		0350		
		1700	1700				
5301		1820	1820				
			2100	2100			
		2200	2200				
6945				1820	1820		
				1625			1620
7745	1630	1630		1630			1630
				1820	1820		
			1855	1855			
	1950		1950	1950	1950		1950
8112			2100	2100			
8175							1520
8190				1500			
				1200	1200		
12228		1500	1500	1500			
				1620			
13403				1500	1500		
				1855	1855		
14377				1500			
14455			1855				
14565					1530	1530	
						1715	

Chart 2 [1st December to present]

Freq kHz	SUN	MON	TUES	WED	THURS	FRI	SAT
4007} 3522}	2100	2100	2100	2100	2100	2100	2100
4030} 6763}	1630	1630		1630	1630		1630
4958} 7605}	1720	1720	1720	1720	1720	1720	1720
5471} 3631}	1800						
3810} 5861}	1920	1920					
5945} 9165}		1500 1540	1500 1540	{*This parallel arrangement exists only for M10* } { *at the time of writing* }			
6758	1610	1610					
7380} 4835}			2100	2100			
7745					1500	1500	
8175							1520
8190			1500	1500			
5027				0410			

Due to pressure of time there have been one or two instances recently that I would liked to have included but they will have to carry over to NL15
©DoKent
[DoKent has been persuaded to include further details of his travels behind the Iron Curtain in subsequent newsletters].

Now onto the listings:
Frequencies preceded by 'c' have been taken from an analogue receiver.

E03/E03a
Apart from the regulations concerning the reception of wireless stations within Great Britain advice on reporting intelligence matters also exists in the form of DA notices.
Whoever the messages, from E03/E03a, are aimed at ENIGMA 2000 has no wish to 'advertise' the existence of these stations to those who may not support the best interests of Great Britain, or its representatives abroad. Although we are unable to stop discussion of E03/E03a, ENIGMA 2000 will remain aloof from any such discussion and will not be including reports or analysis on E03/E03a.

E05
In keeping with other's observations PoSW sent the following, enclosing logs from October to December. This adequately illustrates the decline in the volume of traffic from Cynthia. PoSW wrote: "E05 American Accent station;- activity again at a very low level; the two daily plus two Monday to Friday transmission schedules which sent the same message were heard for the last time on Monday 28 -

October, having been on since early September. In addition several long - standing E05 schedules seem to have gone, notably the Monday and Wednesday 2200z on 6,960 // 9,090 KHz and the Sunday and Wednesday 1200z on 13,906 // 15,732 KHz - not heard for several weeks; could all be down to propagation conditions; the Saturday 1400z schedule on 18,617 // 19,622 KHz popped up again on 7 - December for the first time since 2 - November and also appeared again on 14 - December. The previously reported great hoard of carriers noted on Saturday 19 - October on a dozen known E05 frequencies suggested that Cynthia was about to become more active, but this has not proved to be the case. By the way, a similar situation was observed on Saturday 7 - December but on a smaller scale; there were very strong, S9+ unmodulated carriers on 6,960, 9,090 and 8,110 KHz around 1450z, the last with its usual attendent "Jet" QRM. There was also a strong carrier modulated with a harsh, raucous buzz , so distorted it was difficult to tune in precisely but seemed to be centred on 6,971 KHz; it may have actually been on 6,970 which is a known E05 frequency and therefore connected with the other logged frequencies."

19-Oct-02, Saturday, 1400z, 18,617 // 19,622kHz, this schedule turned up last Saturday (12 - Oct) for the first time in at least two months. 18,617 good signal, up to strength S8 with deep QSB, 19,622 somewhat weaker. QRM from nearby TV sets always a problem on Saturday afternoons. Call / count 410/129, same as last week.
1600z, 16,198kHz, weak but clear, 338/185.
1900z, 8,085 // 9,219kHz, the daily schedule first noted in early September, very strong signals on both frequencies, 9,219 the stronger of the two; it is usually the other way round, 256/199.
2100z, 6,970kHz, strong signal // 8,110kHz, weaker, USB, 179/201.
2112z, 6,950 // 7,585kHz, the other daily schedule - including weekends - which started in September, transmission in progress.
20-Oct-02, Sunday, 1200z, 15,833 // 18,036kHz, this schedule used to run on Sundays but vanished in late July last year and is now back. Carriers noted while tuning around at approx. 1120z. 808/215.
1200z, 13,906 // 15,732kHz, the long standing Sunday 1200z E05, usual BC QRM on 15,732. 499/172.
1516z, 14,739 // 16,198kHz, weak signals on both frequencies, transmission in progress.
1900z, 8,085 // 9,219kHz, both very strong signals, 256/199.
2100z, 6,950kHz, very strong signal, // 7,585kHz, very weak, what a contrast! 256/199.
21-Oct-02, Monday, 1900z, 8,085 // 9,219kHz, both strong, slight heterodyne QRM from a nearby carrier on 8,085. 256/199.
2100z, 6,950kHz, strong signal, // 7,585kHz, weak, 256/199.
2200z, 6,960 // 9,090kHz, both weak, usual QRM on 6,960, 399/146.
22-Oct-02, Tuesday, 1900z, 8,085 // 9,219kHz, the message has changed as it usually does on a Tuesday with this schedule, now 285/199.
2100z, 6,970kHz, strong signal, // 8,110kHz, much weaker, USB, 481/200.
2114z, 6,950 // 7,585kHz, transmission in progress.
23-Oct-02, Wednesday, 1918z, 8,085kHz, very strong signal, // 9,219kHz, very weak, again what a contrast!, transmission in progress.
2100z, 6,950 // 7,585kHz, both strong, 7,585 has recovered, 285/199.
2200z, 6,960 // 9,090kHz, 399/146.
26-Oct-02, Saturday, 1400z, 18,617 // 19,622kHz, this schedule turns up for the third Saturday in a row! Still 410/129, both frequencies weaker than before.
27-Oct-02, Sunday, 1200z, 15,833 // 18,036kHz, both frequencies strength S6 to S7, 808/215
and;- 13,906 KHz, strength S7, // 15,732kHz, flattened by BC QRM, 809/182.
Listening on two separate receivers showed both of these transmissions starting together at 6 seconds past the hour which suggests they originate from the same transmitter site.
Nothing heard of the long - standing 1500z E05 on 14,739 // 16,198kHz; it is unusual for this schedule not to show up.
1900z, 8,085kHz, weaker than usual, strength S7 at best, // 9,219kHz, very weak, only just readable, 285/199.
2100z, 6,950 // 7,585kHz, weak but clear signals on both frequencies, 285/199.
28-Oct-02, Monday, 0800z, 10,527 // 13,996kHz, both weak, another schedule which started in early September but appears Monday to Friday only - so some of us don't often get the chance to hear this. Same message as the daily 1900z and 2100z transmissions which at the moment is 285/199.
29-Oct-02, Tuesday, no sign whatsoever of the 1900z schedule on 8,085 // 9,219 KHz - or the 2100z on 6,950 // 7,585kHz; these have been on daily since early September and it looks as if they have come to an end in late October.
2100z, 6,970 // 8,110 KHz, USB, both very weak, 481/200.
30-Oct-02, Wednesday, 2200z, 6,960 // 9,090kHz, very weak signals on both frequencies, 748/177.
2-Nov-02, Saturday, 1400z, 18,617 // 19,622kHz, this schedule turns up again, weak but clear signals on both frequencies, message still 410/129.
3-Nov-02, Sunday, 1200z, 15,833 // 18,036kHz, both weak, wideband pulse - type QRM on 15,833 - perhaps someone's over the horizon radar? 808/215.

and;-

13,906 // 15,732kHz, both frequencies somewhat stronger than usual and as an added bonus the Norwegian BC station QRM - ing 15,732 weak. 732/139.
1500z, 14,739 // 16,198kHz- there was no sign of either frequency of this schedule last Sunday (27 - Oct) but was a reasonable signal, strength S7, on both frequencies today. Last Sunday was a day of storm force winds over the southern half of the UK with many power lines blown down and large parts of the country without electricity ; I wonder if this is significant, not perhaps affecting the transmitter site but maybe a relay facility of some kind. Tone modulated carriers were up at 1403z, almost an hour before start of transmission. 029/215.
4-Nov-02, Monday, 2200z, 6,960 // 9,090kHz, both very weak signals, winter propagation conditions really making an impression on the bands now, 748/177.
5-Nov-02, Tuesday, 2100z, 6,970 // 8,110kHz, USB, 715/199, very weak signals on both frequencies, 6,970 suffering from the Hebrew language BC station on 6,973; by the way, does anyone know what this station is? Presumably it is Israeli, sounds like a relay of a domestic service on this out of band short wave frequency. There is a lot of chat together with pop music, both local and in English, i.e. from the USA and Britain - they did a feature on Rod Stewart the other day playing several of his hits but then there's no accounting for taste - and is usually a strong signal in the evenings (UK time). I have scanned the broadcast columns in the radio

magazines but have not seen it mentioned anywhere.
6-Nov-02, Wednesday, 1200z, 13,906 // 15,732kHz, both weak signals and the BC QRM on 15,732 is back with a vengence; the schedule which also runs on Sundays and the message the same as last Sunday, 732/139.
1600z, 16,198kHz, also runs on Saturdays although I usually forget to check it out, weak but clear, 378/172.
2200z, 6,960 // 9,090kHz, both weak, 748/177.
9-Nov-02, Saturday, no sign of the 1400z E05 on 18,617 // 19,622kHz; it had shown up on every Saturday since 12 - October but it looks as if this schedule has gone again.
10-Nov-02, Sunday, 1517z, 14,739 // 16,198kHz, both good signals, 16,198 KHz in particular peaking S9 - much stronger than when used on Saturdays and Wednesdays at 1600z. Transmission in progress, "Count" after "Repeat" just after 1530z;- 215.
11-Nov-02, Monday, 2231z, 6,960 // 9,090kHz, both weak, transmission in progress.
17-Nov-02, Sunday, 1200z, 15,833 // 18,036kHz, both peaking strength S8, slight RTTY type QRM on 15,833.
1211z, 13,906kHz; something went wrong with this other 1200z E05 schedule. It was not on when I checked at 1200z and in the several minutes after 1200z. When checked again at 1211z, when the call - up should have finished and the message begun, Cynthia was in the process of calling "317". This went on until 1216z when the call - up finished and was followed by "Count 181", the transmission then proceeding as normal. Stronger than usual, S8, but unable to hear anything on the usual // 15,732 due to the BC station being about the strongest ever!
30-Nov-02, Saturday, 2100z, 6,970 // 8,110kHz, both weak, BC QRM on 6,970, 473/199.
2-Dec-02, Monday, No sign of the 2200z E05 on 6,960 // 9,090kHz;- I last heard this schedule on 11-November.
4-Dec-02, Wednesday, as on Monday no sign of the expected 2200z E05 on 6,960 // 9,090kHz
7-Dec-02, Saturday, 1400z, 18,617 // 19,622kHz - this schedule last heard 2 - November, no trace on subsequent Saturdays in November. Weak but clear signals on both frequencies, 149/144.
1600z, 16,198kHz, very weak signal, only just detectable, unable to make out the call or count.
2000z, 6,970kHz, weak signal with QRM from the BC station on 6,973kHz, // 8,110kHz, weak but clear, USB, 482/196.
8-Dec-02, Sunday, I could find no trace of any of the expected E05 schedules today, i.e. 1200z, 13,906 // 15,573kHzand 15,833 // 18,036kHz and 1500z, 14,739 // 16,198kHz- nothing found when both frequencies checked around 1520z.
9-Dec-02, Monday, still no sign of the 2200z 6,960 // 9,090kHz schedule. Looks as if Cynthia is in terminal decline!
11-Dec-02, Wednesday, no sign of E05 at 1200z on 13,906 // 15,732kHz, the schedule which also runs on Sundays - and seems to have ceased! I last logged it on 6 - November.
14-Dec-02, Saturday, 1400z, 18,617 // 19,622kHz, this schedule which often vanishes for weeks at a time showed up again. 19,622 the stronger of the two frequencies, peaking S7. 18,617 is usually the strongest but today was very weak. 482/97.
1600z, 16,198kHz, very weak, difficult copy, 906/186 (?).
15-Dec-02, Sunday, 1200z, 15,833 // 18,036kHz- there was no sign of this schedule last Sunday and was a weak signal on both frequencies today. 703/215.
There was no sign of the other 1200z E05 schedule, 13,906 // 15,732kHz which did not appear last Sunday or in the Wednesday slot.
1516z, 14,739 KHz, fair signal, strength S6 to S7, // 16,198kHz, very weak, only just detectable, transmission in progress. Another schedule which could not be found last Sunday; perhaps it is all down to the ionosphere.
17-Dec-02, Tuesday, 2124z, 6,970 // 8,110kHz, transmission in progress; unusually both frequencies had full carrier - this schedule which also runs on Saturdays is normally in upper sideband suppressed carrier mode. Something partly similar noticed on one previous occasion earlier this year when one frequency of the pair was transmitted in USB while the other had full carrier. Weak signal on both frequencies.

AnonUK also discovered that E05 activity has gone right down in November and shares these loggings with us:

Friday	01/11	1500 14739 16198 029 215
Saturday	02/11	1400 18617 19622 410 129
Sunday	03/11	1500 14739 16198 029 215
Tuesday	05/11	2100 6970 8110 715 199
Wednesday	06/11	1200 13450 16090 732 139
Saturday	09/11	1600 14739 16198 378 172 9 2100 6950 7585 935 ???
Tuesday	12/11	2100 6970 8110 173 200
Wednesday	13/11	1600 14739 16198 378 172
Wednesday	20/11	1200 13906 ????? 317 181 Note change of frequency
	20/11	1600 14739 16090 856 185 20 2100 6950 7585 748 172
Saturday	23 /11	2100 6970 8110 517 202
Wednesday	27/11	1200 13906 ????? 212 182

AnonUK also heard a strange event whilst following E05 frequencies at 0800z 23/11. On 6960 6970 8110 and 9090kHz which were on for 15 minutes, he could at times hear voices in the background, but there was no E05 transmission.

Others:

6970kHz	2130z	12/11
	2100z	28/11
8110kHz	2130z	12/11
13906kHz	1230z	10/11
	1200z	01/12 [509] (weak)
14739kHz	1500z	10/11[029 count 215] //16198
	1500z	12/11[USB 029 count 215]//16198
	1521z	01/12 /16198
15833kHz	1230z	10/11
16198kHz	1500z	10/11[029 count 215] //14739
	1500z	12/11 [USB 029 count 215] //14739

1521z 01/12 //14739
18036kHz 1230z 10/11

On the last day of 2002 AnonUK sent his December log remarking, “Only a very few logs of E05 for December”:

T 3 1500z 14739 16198 924 Count 215

T 3 2100z 6970 8110 583 Count 176

W 4 1200z 13906 519 Count ???

F 6 1500z 14739 16198 924 Count 215

T 10 2100z 6970 8110 482 Count 196

F 13 1500z 14739 16198 924 Count 215

S 14 1400z 18617 19622 482 Count 196

S 14 210z0 6970 8110 917 Count 201

W 18 1600z 14739 16198 906 Count 186

W 25 1600z 14739 16198 906 Count 186

E06

Gert kindly sent the latter parts of his October Log
11080kHz 1330z 26/10 [197-245/88=36171]
13430kHz 1230z 27/10 [197-245/88=36171]

4321kHz 2135z 12/11 [00000]
10220kHz 1330z 10/11 [AM 203 706 38]
1330z 24/11 [USB203 657 141 54854]
1330z 30/11 [203 815 234 48477]
1330z 01/12 [203 815 234]rpt 30/11
12210kHz 1230z 02/11 [Null msg 203]
1230z 10/11 [AM 203 706 38]
1230z 24/11 [203-657/141=54854]
1230z 30/11 [203 815 234 48477]
1230z 01/12 [203 815 234] rpt 30/11

4025kHz 1900z 11/12 [123456789 then null msg 617]
Gert heard the above oddity and reported "Heard E06 today, wed 11 dec 2002, 19.00 utc, on 4025 kHz, calling 123456789 for 9 minutes. Test ? At 19.20 went in a null msg 617 (lasted 5 minutes). At 19.28 there was a 0123456789, only twice. Seems someone is playing around...

PoSW wrote that the E06 English Man has dropped to a very low level in December; and that he had only been able to find the Saturday 1230z + 1330z schedule.
3-Nov-02, Sunday, 1832z, 6,915kHz, "690 690 690 00000", very strong signal, lower sideband suppressed, stopped 1834z.
9-Nov-02, Saturday, 1230z, 12,210kHz, call "203", DK/GC "706 706 38 38". Good signal, lower sideband suppressed but not quite totally! Carrier was up 1206z, audio tone at 1211 and a single spoken "203" 1220z then plain carrier until start time which was within a second or so of 1230z.
1330z, 10,220kHz, "203" and "706 706 38 38", second sending. Much weaker than first sending but good modulation made copy easy.
16-Nov-02, Saturday, 1230z, 12,210kHz, "203 203 203 00000", good signal with both sidebands.
23-Nov-02, Saturday, 1230z, 12,210kHz, call "203", DK/GC "657 657 141 141", message somewhat longer than usual, good signal, lower sideband suppressed.
24-Nov-02, Sunday, 1930z, 5,310kHz, "690 690 690 00000", not too strong, strength S5 to S6, good audio, lower sideband suppressed. It is usually the case that when E06 uses the lower sideband suppressed mode, as it does for the majority of its transmissions, the modulation is deep resulting in audio which is easy to copy even if the signal itself is not too strong; by contrast when E06 uses a transmitter which puts out both sidebands of an amplitude modulated signal, as is sometimes the case with the regular Saturday 1230z + 1330z schedule, the audio often appears to be insufficient to modulate the carrier fully resulting in difficult copy of the message even though the carrier may be strong.
30-Nov-02, Saturday, 1230z, 12,210kHz, call "203", DK/GC "815 815 234 234", a long message. Signal not too strong, with both sidebands, difficult copy at times.
1330z, 10,225kHz, second sending of "203" and "815 815 234 234". Unlike the first sending the lower sideband was suppresed and audio was easy to copy despite the signal being weak. Ended 1414z so a total transmission time of 44 minutes.
7-Dec-02, Saturday, 1230z, 11,130kHz, new frequencies for the Saturday E06, calling "846", DK/GC "379 379 150 150", another somewhat long message, strength S7 with deep QSB. Lower sideband suppressed so deep modulation and audio easy to hear.
1330z, 9,240kHz, repeat of "846" and "379 379 150 150". Stronger than first sending, S9+, lower sideband suppressed.
8-Dec-02, Sunday, 1230z, 11,130kHz and 1330 UTC, 9,230kHz, next day repeats of "846" and "379 379 150 150".

14-Dec-02, Saturday, 1230z, 11,130kHz, "846 846 846 00000", no message today, weak signal with both sidebands.

'E' reports E06 as:

4760kHz	2135z	06/12 [472/869-35] QRM
12210kHz	1230z	09/11 [203/706-38=50107]
13440kHz	1230z	20/10 [197/820, 44 grps]
15815kHz	1320z	09/11 [761 Null]
17430khz	1420z	09/11 [761 Null]

Gert sends his December log:

4025kHz	2000z	11/12 [Null msg 168]
6934kHz	0610z	27/12 [Null msg 913]
9240kHz	1330z	07/12 [846-379/150=66903]
11130kHz	1230z	07/12 [846-379/150=66903]
	1230z	21/12 [Null msg 846]

E07

7776kHz	2040z	23/10 [637-8154/70=30011]
8103kHz	0530z	23/10 [Null msg 913]
10657kHz	2000z	21/10 [637-8154/70=30011]
10814kHz	1720z	27/10 [Null msg 283]
5103kHz	2140z	04/11[981/1] (hfd)
	2140z	06/11[981-446/57=15128]
	2140z	18/11[AM 981 1 418(?)] weak under cw qrm
	2140z	25/11[981-513/70=28411]
5899kHz	2120z	04/11[981/1] (hfd)
	2120z	18/11[AM] unreadable but recognizable, heavy bc qrm
6934kHz	0610z	06/11[913/0] (hfd)
	0610z	13/11[913/0] (hfd)
	0610z	15/11[Null msg 913]
	0610z	20/11[Null msg 913]
	0610z	22/11[Null msg 913]
	0610z	29/11[Null msg 913]
6964kHz	2100z	04/11[981-446/57=15128]
	2100z	11/11[981-252/31=08653]
	2100z	18/11[981-478/41=73314]
8103kHz	0630z	13/11[913/0] (hfd)
5737kHz	1822z	11/12 [No msg to 97? QRM].
5899kHz	2120z	18/11 [901/478 41-73314]

Of the November E07 PoSW writes: The early evening E07 English Man schedule. noted last month;- I thought this had gone but it has advanced by one hour in November and moved a lot lower in frequency;-
13-Nov-02, Wednesday, 1811z, 6,968 kHz, E07 English Man transmission in progress, QRM from all sorts of strange noises; ended "000 000" 1812z.
1820z, 5,879kHz, , "980 980 980 1", DK/GC "5372 93" x 2, must be the second sending, inside 49 metre broadcast band but clear of BC stations.
1840z, 5,085kHz, , "980" and "5372 93", third sending and by far the strongest signal of the three, S9+. A very short break in transmission, less than a second, noted during the call - up.
17-Nov-02, Sunday, 1800z, 6,968kHz, and 1820z, 5,879kHz, - both transmissions started approx. 15 seconds early - "980 980 980 000", no message. The 5,879kHz sending suffered from severe broadcast QRM from one of those Hellfire and Damnation evangelist stations on 5,880 which was an extremely strong signal and was not there on Wednesday!

In December PoSW wrote, "The Sunday and Wednesday 1800z E07 English Man;- so far I have only been able to find the second and third sendings this month; noted on Wednesday 4 - December 1820z, 5,737kHz and 1840z, 4,612kHz, E07 with "976 976 976 1", DK/GC "451 29" x 2. Both transmissions had good carrier strength but very poor depth of modulation which made copy difficult to say the least. I have been unable to find the first sending at 1800z which presumably should be on 6,9 something if the clue to the frequency is in the "976" call but there is no sign of it. It may be flattened by the BC station on 6,973 or under one of the many strange noises on that part of the spectrum. Subsequent loggings of this schedule have all been of the "000 000" no message format, so no third sending. In contrast, the Wednesday and Friday early morning UK time E07 have been noted with strong signals and very good modulation; noted on Wednesday 11-Dec-02, 0650z, 8,103kHz and again, 0704z, 9,368kHz, transmissions in progress, second and third sendings, as per Gert's prediction List! Both very strong signals with good modulation. On Friday 13- Dec-02, just had time to catch the second sending, 0635z - and 35 seconds - "913 913 913 1", DK/GC "107 219" x 2; a long message. Perhaps the same message was sent on Wednesday resulting in late running which was why things were still in progress after 0700z."

Gert's log:

5103kHz	2140z	23/12 [981-196/28=13968]
6934kHz	2100z	02/12 [Null msg 981]

8103kHz 0630z 04/12 [Null msg 913]

E10
From our E10 desk for Nov 02 by frequency

3.840
00:04 02 Nov YHF G123 * 00:04 21 Nov YHF G44
4.165
20:58 18 Nov CIO4C9QPO
4.270
22:03 02 Nov PCD G95+G31 * 00:34 04 Nov PCD G41+G15
4.360
23:17 15 Nov KPA2
4.461
01:02 04 Nov FTJ G80
4.880
23:18 08 Nov ULX G117+G26 * 23:02 14 Nov ULX G81 * 20:44 16 Nov ULX G113

5.091
21:45 05 Nov JSR G26 * 22:49 10 Nov JSR G111 * 22:37 12 Nov JSR G114 * 22:27 15 Nov JSR G114
21:30 16 Nov JSR G73+G10 * 22:03 22 Nov JSR G25 * 22:02 24 Nov JSR G112
5.170
04:49 30 Oct VLB2 * 23:46 08 Nov VLB2 * 22:48 10 Nov VLB2 * 23:46 10 Nov VLB2
23:43 15 Nov VLB2
5.230
04:50 30 Oct SYN2 * 23:46 01 Nov SYN2 * 21:47 05 Nov SYN2 * 23:46 08 Nov SYN2
22:48 10 Nov SYN2 * 23:46 10 Nov SYN2 * 23:43 15 Nov SYN2 * 19:46 17 Nov VLB2
19:49 19 Nov VLB2 * 21:48 21 Nov VLB2 21:46 24 Nov SYN2
5.339
23:18 28 Oct MIW2 * 22:15 02 Nov MIW2
5.435
23:34 28 Oct ART G89 * 04:03 30 Oct ART G60 * 23:49 01 Nov ART G109 * 22:01 02 Nov ART2
23:34 02 Nov ART G109 * 00:04 04 Nov ART G100 * 23:02 05 Nov ART G11 * 23:32 08 Nov ART G9
22:59 12 Nov ART2 * 23:01 12 Nov ART G115+G19 * 23:02 14 Nov ART G115 * 23:30 15 Nov ART G17
21:01 16 Nov ART2 * 21:30 16 Nov ART G70+G59 * 20:04 19 Nov ART G104 * 00:04 21 Nov ART G116
5.437
00:35 04 Nov ART G?
5.820
21:32 19 Nov YHF2 * 22:00 22 Nov YHF G53

6.498
21:03 07 Nov PCD G41 * 00:33 12 Nov PCD G41+G55 * 22:02 22 Nov PCD G97
6.912
04:50 30 Oct CIO2 * 22:49 05 Nov CIO2 * 23:47 08 Nov CIO2 * 20:51 10 Nov CIO2
23:48 10 Nov CIO2 * 23:43 15 Nov CIO2 * 19:47 17 Nov SYN2 * 19:47 19 Nov SYN2
23:50 20 Nov SYN2 * 21:45 21 Nov SYN2 * 21:47 24 Nov SYN2 * 21.17 25 Nov SYN2
6.930
21:13 05 Nov VLB2 * 23:46 08 Nov VLB2 * 20:50 10 Nov VLB2 * 21:45 16 Nov VLB2
19:48 17 Nov CIO2 * 20:58 18 Nov CIO4C9QPO * 19.47 19 Nov CIO2 * 23:50 20 Nov CIO2
21:45 21 Nov CIO2 * 21:47 24 Nov CIO2 * 21:16 24 Nov CIO2
6.950
04:49 30 Oct VLB2
6.986
23:01 28 Oct ART G11 * 04:03 30 Oct ART G60 * 23:02 05 Nov ART G11 * 21:01 07 Nov ART2
23:01 12 Nov ART G115+G19 * 23:03 13 Nov ART G115+G19 * 23:04 22 Nov ART G115+G19

7.445
23:18 28 Oct KPA2 * 00:16 02 Nov KPA2 * 22:20 02 Nov KPA2 * 19:18 19 Nov KPA2
22:18 21 Nov KPA2
7.605
23:18 28 Oct MIW2 * 00:17 02 Nov MIW2 * 23:19 13 Nov MIW2 * 22:16 15 Nov MIW2
19:19 19 Nov MIW2 21:16 25 Nov MIW2
7.690
04:50 30 Oct SYN2
7.918
22:43 07 Nov YHF G61

8.641
23:47 08 Nov CIO2

9.130
22:50 02 Nov EZI G116

E10 Comments

During this month there has been 5 occasions where during a transmission of the "repeat" group message the transmission has suddenly ended about halfway through the longest message. Each time it involved a station sending two group messages in the same broadcast. (With the exception of EZI on the 2nd Nov.)
*22:50 02 Nov EZI G116 on 9.130
*23:18 08 Nov ULX G117 + G26 on 4.880
*23:01 12 Nov ART2/ART G115+G19 on 6.986 & 5.435
*23:03 13 Nov ART G115+G19 on 6.986
*23:04 22 Nov ART G115+G19 on 6.986
As regards ART the opening call on the 12 Nov was by ART2 on 5.435 at 22:59 hrs. It used its C/S twice, and at 23:01 the c/s changed to ART with the G115 + G19 messages. At aproximately 23:25 halfway through the repeat of the G115 message it just went dead. This also occurs on the 13th & 22nd with the identical group messages and frequency. Could this be a faulty recording that they are not aware of, or a deliberate ploy? As you can see ART has been very active this month sending large group messages, sometimes two in the same transmission on 5.435 and 6.986

It would appear at the moment, that CIO2 & MIW2 have reverted back to the standard freq's and stopped using the .5 add on (See NL 13), and for some reason VLB2, SYN2, CIO2 have all swopped freq's (17th of Nov.)

Just when I was beginning to think that the exotic was not going to appear up popped CIO4C9QPO on the 18Nov at 20:52 hrs it transmitted the header only until 21:52 hrs when it ended.

Longest/Shortest Group Message
YHF G123
ART G9

Frequency Changers
VLB2 6.950, 5.230
SYN2 6.912
CIO2 6.930

Sp.Headers & C/s Variations
CIO4C9QPO

Top Five
ART
VLB2
SYN2
CIO2
MIW2

E10 Dec 02
From our E10 desk for December 02 by frequency

3.150
23:34 25 Dec PCD G40+G49
3.230
23:48 05 Dec VLB2 * 22:45 09 Dec VLB2
3.840
00:05 29 Nov YHF G36 * 00:01 22 Dec YHF G60

4.015
00:50 28 Nov VLB2 * 23:46 28 Nov VLB2 * 20:45 29 Nov VLB2 * 19:45 01 Dec VLB2
*00:07 05 Dec VLB30 * 00:24 05 Dec VLB G37 * 01:16 05 Dec VLB2* * 22:46 09 Dec VLB2
4.165
00:50 28 Nov CIO2 * 23:46 28 Nov CIO2 * 20:45 29 Nov CIO2 * 19:45 01 Dec CIO2
4.270
23:30 07 Dec PCD2 * 22:59 11 Dec PCD2
4.461
20:03 01 Dec FTJ G59 * 01:02 05 Dec FTJ G70 * 23:31 07 Dec FTJ2 * 01:03 13 Dec FTJ G80
4.880
00:33 29 Nov ULX G106 * 20:03 01 Dec ULX G17 * 22:01 01 Dec UXL2 * 00:30 07 Dec ULX G37
22:00 11 Dec ULX2 * 00:33 14 Dec ULX G60 * 23:23 20 Dec ULX G105 * 22:31 24 Dec ULX2
21:04 26 Dec ULX G25

5.091

20:02 01 Dec JSR2 * 22:01 01 Dec JSR G100 * 22:45 05 Dec JSR G63 * 22:06 10 Dec JSR G21
22:15 19 Dec JSR G117 * 22:01 22 Dec JSR G100 * 22:32 24 Dec JSR G21+G14
5.230
20:45 29 Nov VLB2 * 19:45 01 Dec VLB2 * *00:07 05 Dec VLB30 * 00:24 05 Dec VLB G37*
01:16 05 Dec VLB2 * 21:41 05 Dec VLB2 * 21:45 06 Dec VLB2 * 23:39 07 Dec VLB2
22:45 09 Dec VLB2 * 22:46 10 Dec VLB2 * 21:03 11 Dec VLB2 (Approx 45 mins)
22:43 12 Dec VLB (7 mins no group mess) * 23:42 12 Dec VLB2 * 00:45 13 Dec VLB2
21:03 13 Dec VLB2 (47 mins) * 23:03 14 Dec VLB2 (71mins still calling) * 22:45 18 Dec VLB2
22:45 19 Dec VLB2 * 23:45 21 Dec VLB2 * 16:46 22 Dec VLB2 * 19:45 24 Dec VLB2
15:47 25 Dec VLB2 * 21:45 26 Dec VLB2
5.339
00:15 01 Dec MIW2 * 22:15 01 Dec MIW2 * 02:15 13 Dec MIW2
5.435
21:01 30 Nov ART2 * 00:03 01 Dec ART G50 * 22:00 01 Dec ART2 * 23:04 03 Dec ART G115+G19
23:30 03 Dec ART G11 * 00:04 07 Dec ART G55 * 22:31 09 Dec ART2 * 23:41 09 Dec ART G61
22:00 11 Dec ART2 * 23:01 11 Dec ART G143 * 21:02 18 Dec ART2 * 23:31 19 Dec ART G75
00:01 22 Dec ART G21 * 00:01 24 Dec ART G42 * 16:32 25 Dec ART G50 * 23:32 25 Dec ART G118
23:00 26 Dec ART G 24
5.437
00:30 07 Dec ART G55 * 00:30 22 Dec ART G42+G32
5.820
20:01 01 Dec YHF2 * 22:11 10 Dec YHF G53 * 21:02 11 Dec YHF G50 * 21:30 13 Dec YHF2
20:01 23 Dec YHF2

6.498
00:33 29 Nov PCD G60 * 22:02 01 Dec PCD G59
6.912
23:49 28 Nov SYN2 * 20:46 29 Nov SYN2 * 21:49 01 Dec SYN2 * 21:43 07 Dec SYN2
22:46 09 Dec SYN2 * 22:45 10 Dec SYN2 * 21:30 13 Dec SYN2 * 23 :45 18 Dec SYN2
22:47 19 Dec SYN2 * 23:45 21 Dec SYN2 * 16:46 22 Dec SYN2 * 19:45 24 Dec SYN2
15:48 25 Dec SYN2
6.930
20:45 29 Nov CIO2 * 21:49 01 Dec CIO2 * 21:47 06 Dec CIO2 * 19:43 07 Dec CIO2
22:46 09 Dec CIO2 * 22:45 10 Dec CIO2 * 22:46 18 Dec CIO2 * 22:49 19 Dec CIO2
23:45 21 Dec CIO2 * 19:45 24 Dec CIO2 * 15:48 25 Dec CIO2
6.986
23:03 29 Nov ART G115+G19 * 23:04 03 Dec ART G 115+G19

7.445
21:16 02 Dec KPA2 * 22:15 16 Dec KPA2 * 22:19 19 Dec KPA2
7.605
00:16 29 Nov MIW2 * 00:15 01 Dec MIW2 * 23:11 09 Dec KPA2 * 23:16 09 Dec MIW2
02:15 13 Dec MIW2 * 22:19 19 Dec MIW2
7.918
18:06 22 Dec YHF G52

9.130
18:06 22 Dec EZI G49

11.565
23:45 19 Dec EZI G85

17.410
09:53 06 Dec EZI2

E10 comments
09 Dec. KPA2 initiated 3 calls on 7.605 commencing at 23:11hrs and was then replaced by MIW2 at 2316hrs on the same freq. (This freq is normally used by MIW2)

VLB Special
5 Dec 02: I was pleased to receive an email at the E10 desk this afternoon concerning the activity of VLB during the 4th Dec which preceded the period I was listening to on the 5th Dec. The combination of both pieces of information indicated this was something special and I will try to outline the sequence of events from the info received.
17:45hrs. 5.230. 4 Dec. VLB 25
18:45hrs. 5.230. 4 Dec. VLB 55
21:45hrs. 5.230 .4 Dec. VLB 50
22:20hrs. 5.230. 4 Dec. VLB 50
00:07hrs. 5.230 & 4.105 5 Dec VLB30
00:24hrs. 5.230 & 4.105 5 Dec VLB with group 37 message (This was repeated until 01:15hrs.)
01:16hrs. 5.230 & 4.105 5 Dec. VLB2. (This was still being sent at 01:50hrs when I logged off)

The Repeated Group 37 Message was as follows
NXUVR SJNGA VFWYN NWGZZ AATHA BUIQS MPKZQ KITWR LOHAC TNWJS ALDQS
IYNDK NXFFP ZPPLJ ZVXMP TQEHZ YHVZD HOSUJ AJYIG XYREP PJHUN OOJYF EOGOV
VDGQP PKIIR TOYST AIPIW WELIC QVEBF RSGWI EGIHL GUERN QIMIQ VITEI WONJE NVTEL
CJGKG
11/14th Dec 02. VLB2 has remained busy these last few days using its c/s only and as expected no group messages, the normal transmission time being 5 mins, until this evening at 21:03 hrs when it lasted for 45 mins. Perhaps a warning / prelude to more intence activity to come. Well for the rest of the evening nothing did! but the 12th of Dec at 22:42hrs VLB came to life for 7 mins only, but no expected group message. At 23:42hrs VLB2 again appeared, ending at 23:50hrs so back to normal. On the13 Dec VLB2 extended its call time to 47mins (21:03 to 21 :50hrs) and this has carried on into the 14th of Dec at the 2100 and 2300hrs transmission times.At this precice moment VLB2 has been on air now for 71 mins 23:03 to 00:14 and is still calling.The current freq's being 5.230 & 4.105, 5.230 with good clear reception.
18/25th Dec.Transmission times seem to have normalised all current calls are of 5mins duration.

Longest/Shortest Group Message
ART G143
ART G11

Frequency Changers
3.230 VLB2
17.410 EZI2
7.605 KPA2 (3 opening calls only)

Sp.Headers & C/S Variations
VLB 25
VLB 30
VLB 50
VLB 55
*I cannot claim to have heard VLB25, VLB50, or VLB55 on the 4 Dec though I have logged it. This information was kindly passed to me which coincided with what I heard on the 5th Dec (VLB30) and the other activity from the VLB network.

Top 5 Heard
VLB2
CIO2
ART
SYN2
MIW2
©BMDartford [27 December 2002]

Many monitors have noticed the increase in E10 activity. BM has produced a very useful chart which outlines the activity of certain stations.

E10 Monitored Networks & Callsigns Commencing Dec 01 to Dec 02
As at 26 Dec 02

Special Header	Date Last Heard	Frequency	No of Times
CIOA2M2C4	03 Feb 02	5.339	1
CIO4C9QPO	18 Nov 02	4.165 6.930	1
CIOSE	10 May 02	6.930 5.339 4.360	1
KPAZHAZ0905Z2050	09 May 02	5.230	1
KPA21ZKIMD	21 Aug 02	5.230 8.025	1
KPA70B	04 Oct 02	6.370	1
MIWTMX 1504	14 April 02	6.930	1
SYND 2	10 Mar 02	4.780	1
SYNSE	10 May 02	7.605 4.780	1
VLBSE	10 May 02	6.930 5.170 4.015	1
VLBTMX 1504	14 April 02	5.170	1
VLBA002Z8M2030	2 July 02	5.170 6.930	1
VLB25	04 Dec 02	5.230	1
VLB30	05 Dec 02	5.230 4.015	1
VLB50	04 Dec 02	5.230	2
VLB55	04 Dec 02	5.230	1
VLB85	22 July 02	5.170 6.930	1
VLBA181	22 July 02	5.170 6.930	1

C/S Variations	Date Last Heard	Frequency/s	No of Times
ABC	01 Sept 02	6.428 5.170 5.230 6.270	46
ABC 2	06 Aug 02	6.428	2
ART	26 Dec 02	5.435 5.437 6.986	117
ART 1	09 Feb 02	5.435	1
ART 2	18 Dec 02	5.435 6.986	50
CIO	26 Mar 02	5.339 6.912 4.360	4
CIO 2	25 Dec 02	7.918 5.339 3.230 6.912 4.780 5.230 4.360 7.811 4.165.5 6.912.5 8.641.5 5.339.5 7.605.5 8.641 7.811.5 6.930 4.165	120
EZI	22 Dec 02	9.130 19.715 11.565 17.410	50
EZI 2	06 Dec 02	19.715 9.130 11.565 17.410	4
FDU	04 July 02	6.210	1
FDU 4	03 Oct 02	6.210	4
FDU 5	30 July 02	6.210	1
FTJ	13 Dec 02	4.461 6.270 4.560	70
FTJ 2	07 Dec 02	4.461 2.626	12
HNC I	08 Feb 02	6.575	1
HNC K	02 April 02	6.575	1
HNC R	21 Mar 02	6.575	1
HNC S	24 Oct 02	6.575	7
HNC X	06 July 02	6.575	1
HNC Z	11 Oct 02	6.575	3
HNC 1	09 Feb 02	6.575	1
JSR	24 Dec 02	5.091 4.880	97
JSR 2	01 Dec 02	5.091	17
KPA	15 Aug 02	5.230	1
KPA 2	19 Dec 02	4.780 6.912 5.230 8.025 7.690 6.370 4.360 7.445 7.605	70
KPA 6	09 May 02	4.780 5.230	2
MIW	10 Sept 02	3.150 5.230 6.930 6.370 4.165 8.127	9
MIW 2	19 Dec 02	5.170 5.230 6.930 4.165 7.445 5.370 6.370 8.127 7.605 5.339 5.339.5 7.605.5	86
MIW 6	21 Jan 02	5.230	1
PCD	25 Dec 02	3.150 4.270 6.498	50
PCD 2	11 Dec 02	3.150 4.270 6.498	27
SYN	10 Sept 02	7.605 4.780	1
SYN 2	25 Dec 02	7.918 4.015 4.780 7.605 7.690 5.230 6.912	89
ULX	26 Dec 02	5.091 4.880 6.270	37
ULX 2	24 Dec 02	5.091 6.270 4.880	25
VLB	12 Dec 02	5.170 6.930 4.015 5.230	11
VLB 2	26 Dec 02	7.605 6.930 5.170	125

		4.780 4.015 4.360	
		5.230 3.230	
VLB 3	24 Mar 02	5.170 4.015	2
VLB 6	19 Jan 02	5.170	1
---	---	---	---
YHF	22 Dec 02	7.918 3.840 5.820	39
YHF 1	13 Oct 02	7.918	1
YHF 2	23 Dec 02	7.918 3.840 5.820	27

Top Ten Confirmed Most Heard

1. VLB2 125
2. CIO2 120
3. ART 117
4. JSR 97
5. SYN2 89
6. MIW2 86
7. FTJ 70
8. KPA2 70
9. ART2 50
10. PCD 50

Currently Used frequency/s Underlined

I cannot claim to have heard VLB25, VLB50, VLB55 on the 4 Dec though I have logged it. This information was kindly passed to me which coincided with what I heard on the 5th Dec (VLB30) and with the other activity from the VLB network.
©BMDartford [*Thanks Bob, excellent work*].

E11
Tuesday and Thursday transmissions have changed its freqs. At the time of writing only 1230z frequency had been found:

7439kHz	1230z	05/11 [312/00]
	1230z	06/11 [312/00]
	1230z	19/11 [312/00

Then Gert of Holland also notifies us of the new E11 slot:

8088kHz	1300z	19/11 [183/00]

Checks being made to confirm possibility that it exists on other days too.

10125kHz	0800z	05/12 [232/00] PLondon
	0800z	12/12 [232/00] PLondon
11116kHz	0800z	08/11 [232/00] PLondon
	0800z	15/11 [232/00] PLondon
	0800z	06/12 [232/00] PLondon
	0800z	13/12 [232/00] PLondon
	0800z	20/12 [232/00] PLondon

E15
We print the known schedule [as prev issue 6]:

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

E15 was heard by PoSW who notified E2k:
14-Nov-02, Thursday, 2002z, 5,530 kHz, a distorted USB transmission, OM voice with a strange accent with groups of 5 x phonetic alphabet, not numbers, as doubles - but not the usual NATO/ Civil Aviation phonetic alphabet. Difficult to understand due to the very poor audio quality. Couldn't make out all of the phonetics but those that could be understood were;- Baker, Charlie, David, Edward, Frank, George, Hotel (or Otto), Italy, King, Peter, Robert, Urban (or Orban), Victor, William, X-Ray, Young and Zebra. Not very strong, strength S5 - S6, ended with "Urban Robert" x 2 2010z.
17-Nov-02, Sunday, 2003z, 5,530 kHz, the same poor audio quality phonetic alphabet station noted on Wednesday. Ended a message with "Urban Robert" at 2007z, then after a two minute break started up at 2009z with (something) "Urban 7" repeated for a while then "George Robert 1" and more phonetics.

5834kHz	1805z	06/11 [Vy weak - id unsure]
	1800z	08/11 [extremely weak]

E17
From 'Alpha' Germany, via 'Spooks'
7635kHz 0800z 14/12 [274 274 274 986 986 50 50 x2 then 5 numbers 2x then 986 986 50 50 00000]

E17Z
AnonUK noted this on Thursday 28th at 0800 on 11170, call was 674 with a null message.

11170kHz 0800z 28/11 [674 00000]
0800z 04/12 [ditto]
0800z 12/12 [ditto] PLondon & Gert

0800z sending as follows:
674 674 674 00000 Sequence repeated until 0804:30z
Station confirmed as E17Z by Gert

E18
Gert in Holland heard the following E18 transmission:
5062kHz 2245z 11/12 [269 - nr186 gc 18 = 60019]

E23
Best frequency is usually 8188kHz. 4 weekly cycle starting on the first Monday of the Month.

Transmits Monday Wednesday and Thursday:
Week 1 0957z 6507kHz 1157z 8188kHz 1257z 5340kHz
Week 2 0957z 7250kHz 1157z 8188kHz 1257z 5748kHz
Week 3 0757z 4832kHz 0957z 6200kHz 1157z 8188kHz 1257z 6507kHz
Week 4 0757z 5340kHz 0957z 8188kHz 1157z 7250kHz
Week 4 in AM only.

Report from AF is:
8188kHz 1155z 18/11
8199kHz 1155z 20/11

E25
NIL REPORTS

German speaking stations
It's often been noticed that several stations reel off numbers in German, but, judging by the accent, that language is not necessarily the speakers native tongue.
The fact that a message is sent in German, merely proves the sender and recipient understand German. The use of a specific language also conceals the true nationality of the sender/receiver. This was proved by previous operations, notably pre D-Day, the amount of messages sent, or address groups monitored, was not necessarily a true indicator of agents/units actually in the field. Thus it would seem an excellent subterfuge to get counter intelligence units hunting for non existent stations/agents.
Up until fairly recently the well educated upper classes in Hungary spoke German, probably a throw back to the Austro- Hungarian Empire days. Quite a few Baltic nations, particularly the Croatian group, speak German as a second language.
It is of interest to readers that until the 60s potential officers in the Soviet air force were required to speak either German or English before being eligible for enlistment. [TnxAnonMW]

G04
Freqs previously reported as follows [Date: 2105z freq 2135z freq]:
01/00:3440 3340,02/00:3920 3820,03/00:4520 4420,04/00:5210 5310,05/00:4830 4930,06/00:5220 5320, 07/00:5360 5460,08/00:5320 5420,09/00:4760 4860,10/00:4580 4680,11/00:4270 4370,12/00:4110 4210,

Predicted sendings for November were correct and reported widely, including BMDartford, our E10 desk:

4270kHz 2100z 07/11 [70240]
4370kHz 2130z 07/11 [70240]

Whilst both sendings were strong in S.London a chirp was noted on the open carrier prior and after the sending. The AF quality was also slightly poor. Over-modulation, Bad neutralisation or input seeing the output? 'E' noted the audio feedback/tape rewind at end of first transmission. E also noted the usual part sending of the message on the second freq [4370kHz] at 2122z. *[This is no accidental sending and occurs with most sendings around 2120 to 2125z on the second freq. It occurs prior to the first sending too].*

December sending expected to be on 4110/4210kHz was correct as PLondon reports:

4110kHz 2100z 05/12 [67016]
4210kHz 2130z 05/12 [67016]
Both sendings were strong, initially S9+, tipping the meter to +10dBs on the second sending.

January offering may well be heard on 3440/3340kHz

G06

4519kHz	1837z	14/11[589/52] ending 1842z
	1840z	28/11[589/52]
4585kHz	2000z	04/11[308/0] (hfd)
4792kHz	1930z	15/11 [436-589/43=09126] end 1939z (af&gert)
	1940z	13/12 (E)
5415kHz	1900z	04/11[308]

December's sending via Gert:

3845kHz	2000z	02/12[Null Msg 308]
5190kHz	1900z	02/12[Null Msg 308]

G22

A good find from our E10 desk reveals:

4014kHz	2310z	14/11

S06

Gert found the new Tuesday [1st and 3rd] slot for S06

4024kHz	1900z	19/11 [Null Msg 353]

Selco reports:

7603kHz	1600z	23/11 [USB 398 398 398 00000]
8110kHz	1700z	23/11 [USB 793 582 61 56276]

and Gert's log:

10180kHz	1630z	19/11 [Null msg 192]

RN UK heard:

11120kHz	1440z	21/11 [168 168 37 37 00000] The lsb was suppressed, end at 1442z

and 'E' reported:

6810kHz	2009z	22/10 [608/123 at end]
6960kHz	1705z	14/12 [124/693 47 grps]
11140kHz	1510z	27/11 [Null]
13550kHz	1409z	27/11 [QRM 72?/ 51grps]
4024kHz	1900z	03/12 [353-712/59=73476]
12365kHz	0700z	11/12 [Null msg 729] actual freq from Gert: 12362.5kHz
		25/12 [Null msg 729] actual freq from Gert: 12362.15kHz
12366kHz	0700z	04/12 AnonUK

Finally Gert alerted E2k to this:

7730kHz	1630z	31/12 [Null Msg 847]

Gert wrote, "At 1632z the S06 signal was brutally jammed, S06 was not audible anymore. At 1635z both S06 and the jammer went off air."

S06C

MP heard:

7640kHz	1307z	21/11[in progress, repeating "adio adio tri eret adio"] ended 1310z

S10

This is described simply as S10:

3298kHz	2100z	06/12

S10D

Read DoKent's article at beginning of this section.

PoSW notes that S10 activity seems to be down in November compared with October; the Saturday 1520z transmission on 8,175 kHz has turned out to be a regular weekly slot and the only other S10s I have logged were on 6,945 on both Wednesday and Thursday of last week. I have been checking other known frequencies such as 5,301 and 8,112 but found no sign of S10 activity although 5,301 was noted with M10 CW at 2200z on Tuesday 5 - Nov. Anyway my complete log for this month so far is as follows;-

2-Nov-02, Saturday, 1520z, 8,175 kHz "Pyet pyet pyet" x 3, "Ctyri pyet sest" x 3, "Dve nula"; at 1525z "Ctyri pyet sest" x 3, "Vosom tri" x 2, "Dve nula" x 2, "Pozor pozor" and 5Fs. Carrier with tone came up 1507z, ended 1529z with "Pozor pozor" DKDK GCGC and "Konets konets". Signal strength S8 with the lower sideband well suppressed.

9-Nov-02, Saturday, 1520z, 8,175 kHz , today's call - up "Sedm nula vosum" x 3, "Dve Pyet", then "Sedm nula vosum" x 3, "Vosum ctyri" x 2, "Dve pyet" x 2. Strong signal, lower sideband well suppressed as always.

13-Nov-02, Wednesday, 1820z, 6,945 kHz calling "Pyet pyet pyet" x 3, "Jedena sedm nula" x 3, "Tri ctyri", then "Dve ctyri" x 2, "Tri ctyri" x 2 and usual format. QRM from something like the "Jet" came on towards the end of the call - up but went away. Transmission ended just before 1832z.

14-Nov-02, Thursday, 1820z, 6,945 kHz , the Czech YL again, with the same Call, DK and GC as yesterday.

16-Nov-02, Saturday, 1520z, usual call - up routine, interesting to note that the call changes each week. Today's was "Sedm sedm sest" x 3, "Tri pyet", then "Sedm sedm sest" x 3, "Deviet sedm" x 2, "Tri pyet" x 2 and usual format. Strongest ever signal for this schedule, peaking strength S9+, lower sideband suppressed, ended just before 1532z.

7745kHz	1900z	19/11
8175kHz	1524z	30/11

Latter date October observations from Gert:

5301kHz	2100z	22/10	//8112kHz
	2100z	23/10	

For December PoSW writes7th December, Saturday 1520z, 8,175kHz, this one also continues in December, "555 555 555 643 643 643 18", then "643 643 643 67 67 18 18". This was the strongest signal ever for this schedule, S9+, lower sideband suppressed as always. Short message today, ended 1528z.
10-Dec-02, Tuesday 1513z 8190kHz, I happended to be home today and was surprised to find strong Czech YL transmission in progress. Ended just before 1516 UTC with "Peeat sedum" (57) x 2, "Shee peeat" (35) x 2 and "Konets konets". So there might be a regular schedule here then.
11-Dec-02, Wednesday, 1509z, 8,190kHz, same time and frequency as yesterday; one message was just finishing when tuned in with "Devyet nool" (90) x 2, "Yedena ossum" (18) x 2, then "Shee steerie devyet" x 3 (349 349 349) and the same "57 57 35 35" as heard yesterday. Ended around 1516z as yesterday so no doubt a repeat.
12-Dec-02, Thursday, 1820z, 6,945kHz Czech YL with "555 555 555 278 278 278 37", then "278 278 278 83 83 37 37", usual format. QRM from wide - shift FSK/RTTY on adjacent frequency completely removed by switching RX to USB mode and tuning for carrier zero beat.
S10E
Expected on 23/09 this station did not show. The Morse station M10E was likewise but heard again, on Wednesday 6th November at 0800z on 7381kHz

S11 Kreska
Nil Reports

S17C
From PoSW:
23-Nov-02, Saturday, 1250z, 9,165kHz; must be S17C as mentioned in ENIGMA 2000 issue 13 on page 25! Carrier noted 10 minutes earlier, "Peeat peeat peeat" x 3, "Shee yedena shee" x 3, "Nool peeat". One 5F group repeated "Dervar dervar nool shee dervar"; all of which translates, I suppose, as "555 555 555 313 313 313 05" and "22032". Strong signal, lower sideband well suppressed and all done by 1258z. A few years ago this transmission used to show up on 8,190kHzwith a parallel frequency of - I think - 6,945 but I had not heard this 1250z transmission for some time - until today. I did a quick search for a possible parallel while this was on but could find nothing on any of the other frequencies known to have been used by the Czech YL in her various incarnations in the past.
30-Nov-02, Saturday, 1253z, 9,165kHz, in progress calling up with "555 555 555 313 313 313 05". Today's 'phrase that pays' I read as "11035".
7-Dec-02, Saturday, 1250z, 9,165kHz, this S17C continues in December, today's repeated 5F I read as "99032"

9165kHz	1250z	03/11 [85030] (hfd)
	1250z	09/11 [12035] (hfd)
	1250z	10/11 [72031] (hfd)
	1250z	14/11
	1250z	15/11 Good sigs, London
	1250z	16/11 [92033] (hfd)
	1250z	21/11 [99032] (hfd)
	1250z	23/11 [99032] (hfd)
	1250z	24/11 [96031] (hfd)
	1250z	30/11
	1250z	01/12

V02
PoSW's log certainly filled in the gaps that were apparent in reports from the other side of the Atlantic:
6-Nov-02, Wednesday, 0713z, 9,063kHz, V02 in progress, weak signal.
13-Nov-02, Wednesday, 0638z, 8,010kHz, V02 in progress, good signal peaking strength S9, ended 0641z with 3 x "Finale".
14-Nov-02, Thursday, 0634z, 8,097kHz, V02 in progress, good signal.
27-Nov-02, Wednesday, 0636z, 8,010kHz, V02 Spanish YL in progress, carrier quite strong but audio low and with a background buzz.
28-Nov-02, Thursday, 0633z, 8,097kHz, usual Thursday V02 in progress, very weak signal, only just detectable.
29-Nov-02, Friday, 0638z, 8,010kHz, V02 in progress, weak but clear, same frequency as noted on Wednesday, ended just before 0641z with 3 x "Finale".
2236z, 8,492kHz, V02 turns up in the late evening (UK time); this frequency was noted active after 2200z on Fridays in January and February both this year and in 2001 - but was not found in March or subsequent months so must be a winter schedule. Was finishing a message with 2 x "Finale" when tuned in, then continued with "Atencion, cuatro dos uno cero tres"(421 03) repeated many times until 2241z, then "Cero tres" (03) ten times and more 5Fs ending with 2 x "Finale" after 2245z and cut carrier. Good

signal.
1-Dec-02, Sunday, 0723z, 5,145kHz, V02 moves ever lower in frequency on these dark mornings, transmission in progress, good signal peaking S9.
4-Dec-02, Wednesday, 0632z, 8,010kHz, this V02 schedule continues in December, transmission in progress, signal strength S8.
5-Dec-02, Thursday, 0634z, 8,097kHz, V02 in progress, weak signal, ended 0644z with 3 x "Finale".
6-Dec-02, Friday, 2209z, 8,492kHz, this late evening (UK time) V02 continues in December; an unmodulated carrier had been noticed a few minutes earlier on this frequency and when checked again at 2209z the Senorita from Havana was calling "Atencion, cuatro dos uno cero nueve" (421 09), then "Cero nueve cinco dos" (09 52) repeated five times and into 5Fs.
8-Dec-02, Sunday, no sign this morning of the V02 noted on 5,145kHz around 0720z last Sunday; strange because it was such a strong signal last week but today there was not the slightest trace.

Logs taken fron 'Spooks':

5314kHz	1000z	15/12[short group]
5762kHz	0405z	21/12
6786kHz	1100z	29/12 [AM 962 04]
9220kHz	1107z	07/12 [944] via 'E'
9323kHz	0427z	14/11[poor sigs]
10672kHz	0600z	16/12[AM 426 02]

V02A

3389kHz	0120z	17/12[also hrd 6678kHz0120z17/12 harmonic of 3389?]
4028kHz	0104z	08/11
4035kHz	1000z	23/11
4479kHz	0300z	06/11
	0320z	18/12
4507kHz	1100z	28/12
5135kHz	0100z	23/11[AM ID 8---- 0-331 ----- (garbled, unintelligible)]
	0135z	07/12
5417kHz	0205z	08/11
5883kHz	0500z	21/12[AM (in progress) ID 23602 40261]
6768kHz	0400z	16/12[AM ID 73841 15251 87733]
6855kHz	0300z	16/12[AM (uncopiable - two V2a broadcasts on top of each other]
7555kHz	0300z	10/11[ID 96781 37773 02402 (rpt of 0200z on 7887]
7681kHz	0900z	06/11[AM ID 19872 62882 57552 (YL/SS)]
7887kHz	0200z	10/11[ID 96781 37773 02402 (YL/SS)]
	0200z	17/11
8136kHz	2107z	15/11
	2107z	18/11
	2109z	06/12
8185kHz	1200z	09/11[AM ID 72502 24172 70042]
8186kHz	1200z	23/11[AM ID 99220 93030 83090]
9063kHz	0700z	06/11
9153kHz	0700z	07/12[A6931(0)] PLondon
	0731z	14/12 ['E' S.England]
9331kHz	0600z	16/12[AM ID 03843 32222 27253 (rpt of 0500z on 10446)]
10446kHz	0300z	16/12[AM ID 28993 70461 24801 (rpt of 0200z on 12165)]
	0500z	16/12[AM ID 03843 32222 27253]
	0321z	18/12[10672kHz 0600z 11/11[S9 heavy hum]
12165kHz	0200z	16/12 AM ID 28993 70461 24801]
12215kHz	0207z	08/11
13436kHz	0124z	17/12

V07
Gert of Holland heard V07 at 0620z on 12/11:

13552kHz	0620z	12/11[Null msg 159]

He suggested 12152kHz for the 0600z offering and 14952kHz for 0640z.
Gert also mentioned that V07 observes UTC/GMT[z] whilst family member E07 keeps CET/+1GMT[a]
PoSW confirmed Gert's suggested 0640z frequency by sending this:
19-Nov-02, Tuesday, 0651z, 14,952 kHz, a very strong, S9+, V07 Spanish YL transmission in progress; ended a couple of minutes later with 2 x 3 "Cero". [PoSW also observed the variation caused by the shift from CET to GMT]. Gert sent details as:
159-3210/118=07423
and followed up with a fuller report in his late offering:
21-Nov-02, Thursday, 0640z, 14,952kHz, the V07 Spanish YL; had been unable to find during November but the last few seconds of a transmission were noted on Tuesday 19 - Nov on this frequency at 0651z. Must have stayed on UTC when the clocks changed at the end of October; this must have been the third sending of three with the first at 0600z. Calling "Uno cinco nueve" (159) x 3 "Uno" ; unable to make out the DK and GC because the signal was extremely weak - only just detectable; this was a great surprise because when heard on Tuesday this was S9+, a very strong signal. Something must have gone seriously wrong with the ionosphere at sometime during the last two days!

26-Nov-02, Tuesday, 0600z, 12,152 KHz, the first sending of the V07 schedule meant setting the alarm clock in order to be up and about at 6 AM UK time! Calling "Uno cinco nueve" x 3, "Cero cero cero" (159 159 159 000). Inside the 25 metre BC band with heterodyne QRM and a short break in transmission, less than one second, when the transmitter went off completely.
0620z, 13,552 KHz, second sending of "159 159 159 000", much weaker than first sending; both started approx. 20 seconds early.
28-Nov-02, Thursday, 0600z, 12,152kHz, V07 Spanish YL with "159 159 159 000", as on Tuesday. Very weak signal.

V08
The V08 Arabic YL showed up on the first Saturday in November and was heard by PoSW:
2-Nov-02, Saturday, just after 1858z - started nearly two minutes before the hour - 6,645 kHz. Began with Eastern music followed by the Arabic - speaking YL until 1905z. A short message tonight then, but I couldn't find this one at all in October. Just a few seconds of music afterwards, then about 30 seconds of carrier then QRT. The carrier with audio tone was noted warming up the frequency at 1851z.

6645.5kHz 1900z 02/11

The V08 Arabic YL turned up as expected on 7 - December , the first Saturday in the month, at 1900z on 6,647 kHz - reverted to this frequency after having been on 6,645 kHz in August, September and November - missed in October! The return to 6,647 has brought back all the strange clicking noises and "High cycle" power supply ripple, always noted on previous occasions when 6,647 was used but not observed on 6,645 so perhaps two separate transmitters are available. The carrier came up at 1842z with the aforementioned background noises, audio tone from 1852 until after 1859, then the YL voice starting up a few seconds after 1900z; no preceding Eastern music. This was a very short transmission, must be the shortest ever from V08! The voice stopped just after 1903z followed by a few seconds of Eastern music, carrier QRT just before 1905z. [Tnx PoSW].

6647kHz 1903z 07/12 [No mx at start, Tx off sec before msg. Mx at end] Ends 1905z [Tnx 'E'] also hrd by Gert.

V13
8300kHz 1500z 02/11 [Flute music, very weak] af
1405z 13/11 [AM in progress]
1405z 07/12 ['E']

XP
October's freqs via JoA, PLondon
0600z 11204kHz 01/10 NRH 08/10 11/10 15/10 18/10 22/10 25/10 -
0620z 12504kHz 01/10 NRH 08/10 11/10 15/10 18/10 22/10 25/10 29/10
0640z 13904kHz 01/10 NRH 08/10 11/10 15/10 18/10 22/10 25/10 -
ID259

October morning sendings were not affected by the clock change from BST to GMT. As a result only the 0620z sending was heard by Gert in Holland, the British monitors all in transit to work.

2000z 9203kHz - 03/10 08/10 10/10 15/10 17/10 22/10 24/10 29/10
2020z 7930kHz 01/10 03/10 08/10 10/10 15/10 17/10 22/10 24/10 29/10
2040z 67nnkHz - NRH NRH NRH NRH NRH NRH NRH NRH
ID297

Other schedules:
2010z 11599kHz - 04/10 08/10 11/10 15/10 18/10 22/10 25/10 29/10
2030z 10214kHz 01/10 04/10 08/10 11/10 15/10 18/10 22/10 25/10 29/10
2050z 9043kHz - NRH 08/10 11/10 NRH NRH 22/10 25/10 29/10
ID520

November frequencies via JoA and AnonUK
0700z 13577kHz 01/11 05/11 08/11 12/11 15/11 19/11 22/11 26/11 29/11
0720z 14477kHz 01/11 05/11 08/11 12/11 15/11 19/11 22/11 26/11 29/11
0740z 15677kHz 01/11 NRH 08/11 12/11 15/11 19/11 22/11 26/11 29/11
ID546
The morning sendings of 12/11 lasted 6m42s; dk/gc of 1572/138. [PLondon experienced problems with the tones which appeared to be -30Hz adrift from the nominals]. Whilst the traffic was not decoded it is suggested that two messages may have been passed.
As per usual with 0740z sending the 22/11 offering shared the freq with a BC station. Prior to the usual raiding of the carrier at 0732z data was heard between 0725 and 0727z. A strong carrier appeared at 0732z and hetrodyned with the regular occupants. The polytone transmission was heralded by the sending of a very strong, single 1200Hz tone at 0733z.
The final transmission on the freq for November [29/11] started poorly on the 13M freq at 0700z with some fading, however the 14477kHz sending at 0720z was of better strength preceded by strong 1200Hz tones at 0714. The carrier raised for a few seconds at 0708z and came back at 0713z followed by three longish toned and then a series of short rapid tones, almost a pulse train. The resultant sending was a good strong signal with little fading at PLondon's central London works QTH.

2100z 6787kHz 05/11 07/11 12/11 14/11 19/11 21/11 26/11 28/11
2120z 5871kHz 05/11 07/11 12/11 14/11 19/11 21/11 26/11 28/11
2140z 4618kHz 05/11 07/11 12/11 14/11 19/11 NRH NRH NRH
ID786

JoA reports for the 2140z 12/11 sending: QRM-extraneous Morse like impulses heterodyning with the slow part of poly causing distortion. QRM-Jet-like gross interference for a few seconds @2142:57z completely blocking out XP message. (B.Up 2133:30, Up 2134:34 [late]). The sendings on 19/11 lasted circa 4m30s and were good strong sigs. However PLondon informed us that the 5871kHz 2120z sending had a sudden, brief loss of carrier at 2123z. The signal returned immediately, finishing at 2124:30z.
The carrier for the 2120z sending on 21/11 was raised late, appearing at 2114z. To make up for this lateness the errant operator rewarded the E2k monitors with six 1200Hz tones at 2115z.
XP (ID-786): 2100/20/40z 26/11:Unusual in that the transmissions were so early that they finished before the usual start times. The signal strength of the first one being so weak that the carrier wave was not detected before commencement of the polytone. 6787kHz ~2057:40-2059:58z (E) less than S1, background noise, v.poor, 0msg. 5872kHz 2117:36-2119:54z (E) S9+25/30dB QRN, 0msg. It was unusual that the signal strengths of 6787 & 5872 were so different. [JoA]
2100z et al sendings for 28/11 were weak. At JoA's location the signal strength was described as 'immeasurable' whilst PLondon received 2100z at a varying S1 to 3, 2120z at S0 to S1. Some problems with a BC stn.

2110z 7728kHz 01/11 05/11 08/11 12/11 15/11 19/11 22/11 26/11 29/11
2130z 6781kHz 01/11 05/11 08/11 12/11 15/11 19/11 22/11 26/11 29/11
2150z 5163kHz 01/11 05/11 08/11 NRH NRH 19/11 22/11 NRH NRH
ID771
XP (ID-771): 2110/30/50z 26/11: 7727kHz 2110:01-2112:20z (E) S1, background noise, v.poor, 0msg. 6781kHz 2130:01-2132:20z (E) S1/S2 noise, QRM-digital or v.fast morse in first minute, v.poor, 0msg. [JoA]

December freqs via AnonUK, JoA and PLondon.

0700z 10908kHz 03/12 05/12* 06/12 10/12 13/12 17/12 20/12 24/12 27/12 31/12
0720z 12208kHz 03/12 05/12* 06/12 10/12 13/12 17/12 20/12 24/12 27/12 31/12
0740z 13908kHz 03/12 05/12* 06/12 10/12 13/12 17/12 20/12 NRH NRH NRH
ID929
First message sent [03/12] consisted of a 112 group message followed by a 138group offering. [AnonUK]. That sent 05/12* appeared to be a singular 258 group message. Note it was sent on a THURSDAY. Why? The Scheduled Friday sending [06/12] dk/gc was different: possibly 3421/117 - a 117 group message. The Thursday sending was no mistake, the dk/gc proves that. Is the first Thurs a regular slot? The transmissions sent 10/11 concealed two messages dk/gc 1092/93 and 3421/171. The sending lasted 6 mins..20/12 saw a 51 group message sent, all transmissions starting one minute early; dk/gc 02366/00051.
The Christmas eve transmission carrier came up late at 0655z and briefly disappeared at 0656z, reappearing at 0657z with two 1200Hz tones. The signal strength in South London was variable and changed between S7 to +20dBs. There also appeared to be a rapid variation of tx power. The null message was completed without problem. However at 0713z the carrier rose only to go down again after a few seconds. When it reappeared at 0714z it too displayed this ‘rapid variation’ between S8 and +15dBs.
After the 929 000 sending the carrier stayed up until 0723z. At 0732x the carrier appeared, on 12208kHz, its strength varying between +10dBs to +20dBs and it seemed as though the tx was being tested for an output/power loss problem. This ‘testing’ continued until 0805 when the carrier was removed and the local S5 noise was heard until around 0814z when the carrier again reappeared at +25dBs.

2100z 5941kHz - 05/12 10/12 12/12 17/12 19/12 24/12 26/12 31/12
2120z 5731kHz 03/12 05/12 10/12 12/12 17/12 19/12 24/12 26/12 31/12
2140z 4581kHz NRH NRH NRH 12/12 17/12 NRH NRH 26/12 NRH
ID975
December sees the use of two frequencies in use in the 5MHz band, strangely only 210kHz apart. [The same can be seen in the second schedule sending too]. The signal strengths varied with PLondon on 05/12: 5941kHz +10dBs, 5731kHz +20dBs. Why the strength variation and why the two close freqs when the same freq could have been used. Does this mean a different freq for a different recipient? The third freq 4581kHz was used on 12/12 with a short message but suffered from tty qrm. The morning sending on 13/13 was excellent quality dk/gc 09259/00141. Two messages were sent on 17/12 06423/107 and 4312/00073. The last sending at 2140z was of excellent strength in South London, exceeding +40dBs. Interestingly the 2140z freq had the carrier up for some seconds at 2105z. A test due to problems experienced 0713z 24/12? Message was 01609/00129.
2110z 6934kHz 03/12 06/12 10/12 13/12 17/12 20/12 24/12 27/12 31/12
2130z 5927kHz 03/12 06/12 10/12 13/12 17/12 20/12 24/12 27/12 31/12
2150z 5359kHz 03/12 06/12 NRH NRH 17/12 20/12 NRH NRH NRH
ID993
Like the first schedule this also sees two freqs in the 5Mhz band in use [exactly as last year], this time 568kHz apart. The same questions, outlined above need to be asked and answered. The second freq, 5927kHz is a poor choice and suffers with het with the BC stn on or near that freq. This seems to have little effect to the actual signals, the traces being clearly seen via spectran.. 17/12 sending was a 97 group message, dk/gc 0627/00097. 5927kHz is a particularly poor frequency which suffers Radio Prague as a close neighbour. The 17/12 message was repeated on the 20/12 sending. 2110z sending of 27/12 was late.

Late XP
Gert of Holland heard a late offering of this signal as:
5388kHz 2300z 05/12

XPH
Via Laurent Carbonnaux via 'Spooks':
9153kHz 0800z 04/12
Attempts to find this transmission on other days, including weds 11/12, 18/12 and 25/12 at 0700/0800/0900z, have failed.

NUMBER PREDICTIONS

Gert has kindly sent his most useful prediction list for January 2003@

Date	Day	Time (utc)	TX	Name	Freq (kHz)
1	wed	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
1	wed	07.00	S06	Russian man 00000	12366
1	wed	08.00	E11	Oblique	11116
1	wed	15.00	S10d	Czech lady	8190
1	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
1	wed	22.45 (21.00-23.00?)	E18	Five Free	search, dec freq 5062 Most likely 2nd wed
2	thu	08.00	E11	Oblique	10125
2	thu	08.00	E17z	English lady 00000	11170 or search
2	thu	21.00	G04	Three note oddity	3440 ?
2	thu	21.30	G04	Three note oddity	3340 ?
2	thu	22.00 or 23.00	G22	Edna Sednitzer german	search, oct 4588, nov 4014, likes 3rd thu
3	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
3	fri	08.00	E11	Oblique	11116
3	fri	19.30	G06	German lady 00000	4792 +/- few kHz
4	sat	12.30 / 13.30	E06	English man 00000	search, dec freq 11130 9240
4	sat	19.00	V08	Eastern music	6647 +/- few kHz
5	sun	12.30 / 13.30	E06	English man 00000	search, dec freq 11130 9240
6	mon	17.00	S10d	Czech lady	7605
6	mon	19.00	G06	German lady 00000	search, dec freq 5190
6	mon	20.00	G06	German lady 00000	search, dec freq 3845
6	mon	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
7	tue	12.30	E11	Oblique	7439
7	tue	13.00	E11	Oblique	8088
7	tue	19.00	S06	Russian man 00000	search, nov and dec 4024
7	tue	21.00	S10d	Czech lady	7380 / 4835
8	wed	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
8	wed	07.00	S06	Russian man 00000	12366
8	wed	08.00	E11	Oblique	11116
8	wed	15.00	S10d	Czech lady	8190
8	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
8	wed	22.45 (21.00-23.00?)	E18	Five Free	search, dec freq 5062 Most likely 2nd wed
9	thu	08.00	E11	Oblique	10125
9	thu	08.00	E17z	English lady 00000	11170 or search
9	thu	22.00 or 23.00	G22	Edna Sednitzer german	search, oct 4588, nov 4014, likes 3rd thu
10	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
10	fri	08.00	E11	Oblique	11116
10	fri	19.30	G06	German lady 00000	4792 +/- few kHz
11	sat	12.30 / 13.30	E06	English man 00000	search, dec freq 11130 9240
12	sun	12.30 / 13.30	E06	English man 00000	search, dec freq 11130 9240
13	mon	17.00	S10d	Czech lady	7605
13	mon	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
13	mon	22.45 (21.00-23.00?)	S04	Edna Sednitzer	3868 or 3373 or ???
14	tue	12.30	E11	Oblique	7439
14	tue	13.00	E11	Oblique	8088
14	tue	21.00	S10d	Czech lady	7380 / 4835
14	tue	22.45 (21.00-23.00?)	S04	Edna Sednitzer	3868 or 3373 or ???
15	wed	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
15	wed	07.00	S06	Russian man 00000	12366
15	wed	08.00	E11	Oblique	11116
15	wed	15.00	S10d	Czech lady	8190
15	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
15	wed	22.45 (21.00-23.00?)	E18	Five Free	search, dec freq 5062 Most likely 2nd wed
16	thu	08.00	E11	Oblique	10125
16	thu	08.00	E17z	English lady 00000	11170 or search
16	thu	22.00 or 23.00	G22	Edna Sednitzer german	search, oct 4588, nov 4014, likes 3rd thu
17	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
17	fri	08.00	E11	Oblique	11116
17	fri	19.30	G06	German lady 00000	4792 +/- few kHz
18	sat	12.30 / 13.30	E06	English man 00000	search, dec freq 11130 9240
19	sun	12.30 / 13.30	E06	English man 00000	search, dec freq 11130 9240
20	mon	17.00	S10d	Czech lady	7605
20	mon	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103

21	tue	12.30	E11	Oblique	7439
21	tue	13.00	E11	Oblique	8088
21	tue	19.00	S06	Russian man 00000	search, nov and dec 4024
21	tue	21.00	S10d	Czech lady	7380 / 4835
22	wed	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
22	wed	07.00	S06	Russian man 00000	12366
22	wed	08.00	E11	Oblique	11116
22	wed	15.00	S10d	Czech lady	8190
22	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
22	wed	22.45 (21.00-23.00?)	E18	Five Free	search, dec freq 5062 Most likely 2nd wed
23	thu	08.00	E11	Oblique	10125
23	thu	08.00	E17z	English lady 00000	11170 or search
23	thu	22.00 or 23.00	G22	Edna Sednitzer german	search, oct 4588, nov 4014, likes 3rd thu
24	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
24	fri	08.00	E11	Oblique	11116
24	fri	19.30	G06	German lady 00000	4792 +/- few kHz
25	sat	12.30 / 13.30	E06	English man 00000	search, dec freq 11130 9240
26	sun	12.30 / 13.30	E06	English man 00000	search, dec freq 11130 9240
27	mon	17.00	S10d	Czech lady	7605
27	mon	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
28	tue	12.30	E11	Oblique	7439
28	tue	13.00	E11	Oblique	8088
28	tue	21.00	S10d	Czech lady	7380 / 4835
29	wed	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
29	wed	07.00	S06	Russian man 00000	12366
29	wed	08.00	E11	Oblique	11116
29	wed	15.00	S10d	Czech lady	8190
29	wed	21.00 / 20 / 40	E07	English man 000 000	6964 5899 5103
29	wed	22.45 (21.00-23.00?)	E18	Five Free	search, dec freq 5062 Most likely 2nd wed
30	thu	08.00	E11	Oblique	10125
30	thu	08.00	E17z	English lady 00000	11170 or search
30	thu	22.00 or 23.00	G22	Edna Sednitzer german	search, oct 4588, nov 4014, likes 3rd thu
31	fri	06.10 / 30 / 50	E07	English man 000 000	6934 8103 9368
31	fri	08.00	E11	Oblique	11116
31	fri	19.30	G06	German lady 00000	4792 +/- few kHz

©GertofHolland [Tnx Gert]

ODDITIES

There has been a minority of 'Oddity' reports this time, the majority being sent in by 'E' who has noted the variety of 'odd' sounds as he has trawled the SW section of the spectrum.

On 01/11 'E' reports hearing a series of 3 to 4 electronic tones, re-occurring every Friday.

20910kHz 1028z 01/11 [Electronic tones every 15 to 20 secs].

Another interesting find for 'E' was the strange signal on 12190kHz that 'E' describes as an 'Electronic Baaarp' occurring every four seconds.

12190kHz 1621z 25/10

Continuing with beeps and Baaarps also reported is a seconds beep on 6658kHz:

6658kHz 0947z 09/11 [Electronic beep repeated every second].

Notwithstanding the beeps, 'E' also mentions a rapid tapping that he has never heard before on :

4042kHz 2020z 22/10

BACKWARDS MUSIC STATION (XM)

5400.0kHz	0424z	09/12
5435.0kHz	0230z	21/12
5436.0kHz	2226z	19/12
8728.5kHz	1406z	30/11
9004.5kHz	1100z	17/11
	1430z	17/11 [still going strong from original].

BUZZSAW

14785kHz 1713z 25/10

CARRIERS [Blank].

6700kHz was a particularly strong carrier heard 0n 03/12 between 2045 and 2200z. At 0612z 17/09 [see Oddities NL13, page 31] we reported a regular pip being heard by Ugopetrus. The resultant occupancy of the channel was thought to be mil - the users being KIN470 and M[?]L. Records shopwed 6697kHz being correct for MKL.

CRACKLE(XC)

Look around 5495//5505kHz as the crackle and Shanwick Air Radio battle for the frequency. [See p25 Issue 11]. Reported by AnonNI 2020z 12/09

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

MAZEILKA (X06)
PoSW sent his X06 log:
19-Oct-02, Saturday, 1335z, 11,537kHz, inside 25 metre BC band with resultant QRM. Tones stopped just before 1338z, carrier went off then came back with badly sent CW - the Morse is always of very poor quality with X06, as though sent on a worn - out hand key by someone who hasn't a clue how to use it! I read part of it as "WKZ NW", which was followed by FSK data.
1832z, 9,197kHz, very strong X06 with a distinct background buzz. Transmission went off suddenly at 1839z. Listened until 1842z, nothing further heard.
21-Oct-02, Monday, 2030z, strong X06, stopped 2038z, sent CW which was over before I could attempt to copy it, followed by FSK data.
22-Oct-02, Tuesday, 1938z, 8,081kHz, strong signal, close to an E05 transmission on 8,085. Went off suddenly just before 1942z; listened until 1945z, nothing further heard.
25-Oct-02, Friday, 2057z, 6,814kHz, tones stopped about one minute after being tuned in; usual badly sent Morse - I read it as "USSIU", but the characters were so badly formed it was, as always, diffiult to read. Followed by FSK, but not for long; was gone by 2102z.
2207z, 8,055kHz, strong signal, tones stopped and carrier went off just after 2218z. Listened for a couple of minutes afterwards, nothing further heard.
26-Oct-02, Saturday, 1103z, 19,234kHz, must be about the highest frequency ever on which I have heard an X06; Very strong signal, tones stopped a few seconds after being tuned in. No Morse or FSK afterwards, carrier stayed on with a few chirping noises - something like "Crowd" and went QRT after 1105z.
30-Oct-02, Wednesday, 1931z, 8,081kHz. Strong signal, tones stopped 1938z, carrier stayed on for a further 20 seconds or so then badly formed CW "SLL RZL SD RZL" - and nothing else. Listened until 1945z.
6-Nov-02, Wednesday, 0804z, 10,193kHz, just to prove that X06 shows up in the mornings, UK time, as well as the evenings. Strong signal, tones stopped suddenly and carrier went off just after 0810z. Listened until 0814z, nothing further heard.
16-Nov-02, Saturday, 1609z, 12,224kHz, good signal, tones stopped after 1612z, carrier stayed on for 30 seconds, went off and came back several times - then stayed off. Nothing further heard.
6-Dec-02, Friday, 1902z, 8,097kHz, tones stopped 1905z, followed by badly sent Morse which I read as "URO URO URO URO URO QLF5 QLF5 RNU" followed by FSK RTTY. Signal strength S7 at best.
7-Dec-02, Saturday, 1745z, 9,080kHz, strong signal, went off suddenly - carrier and all - 1801z. A few minutes of weak pulsed carrier heard which might have been something else and nothing to do with X06; nothing further heard.
1811z, 9,197kHz, another X06, strong signal with a background buzz. Tones stopped just before 1815z, carrier went QRT a few seconds later; listened until 1819z, nothing further heard.

In addition to the above:
From 'E'
6850kHz 2323z 05/11
6872kHz 1901z 11/12
9144kHz 1406z 30/11[Open carrier obviates accurate frequency measurement]
9197kHz 1806z 07/12
16025kHz 1417z 30/11[Open carrier obviates accurate frequency measurement]
16117kHz 1427z 30/11
16221kHz 1420z 30/11
16227kHz 1035z 30/11
From Jochen:
13987kHz 1600z 16/11

S28 [formerly XB]
It buzzes away on 4625kHz.
www.geocities.com/uvb76 has been updated

Pips
S30 Continues to dominate 3757kHz in the 80M band. The daytime freq, according to Ary, for the Pip is 5448kHz between 0530 to 1400z . This switches to the more well known freq of 3757kHz from 1400 to 0530z.

3757kHz 2310z 29/12
5448kHz 0545z 31/12

Ary wrote via Spooks that 'Takashi reported another 2-second PIP station. It can be heard on 5488kHz with heavy QRM. This one is different from PIP on 5455//14425//14378kHz sending *characters corrupt* every minute and a very rapid morse rarely.' "Good reception can be obtained in the East Asian morning.", says Takashi.

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

4153.0kHz	1445z	01/12
4231.0kHz	0729z	29/12
4290.0kHz	1445z	01/12

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

SQUEAKY WHEEL(XSW)
Can be heard strutting its stuff on 3828kHz

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

4710kHz	0818z	24/12	+10dB
6702kHz	0820z	24/12	NRH
9000kHz	0821z	24/12	NRH [USN tty tx 8998.5 NAVCOMSTA San Juan PR, 850/100N heard adjacent].
11122kHz	0825z	24/12	NRH
15020kHz	0827z	24/12	NRH

XTB [One tone, two buzzes]
On 6th November Mike of Kent writes,' XTB, not always 1t2b, early this morning, from about 0430z, it has been:-1t2b, 2t2b, 0t3b data, 0t4b data, 2t2b data. There would appear to be lots of variations - usually before 0700z'.
JoA continues to monitor and writes this:
11116kHz USB Sa.07/12 0735-0755z: 0749:35 2 buzzes (lower Hz than XTB) 0751:22 - 0751:33 Tones vL S S S S L. There then followed indecipherable voice ending in another L tone. And remarks that this is probably not associated with XTB.
Suggestions as to the purpose of this oddity would be well received!

WOPWOP (XWP)
Nil reports

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

Frequency information and trends can be downloaded from:
http://www.cvni.net/radio/

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

ENIGMA 2000 ARTICLE
Coastwatchers
A brief piece in Issue 12 of the ENIGMA 2000 newsletter outlined an American idea TIPS.
TIPS or the Terrorism Information and Prevention System might seem innovative, but it is far from new.

Her Majesty's Customs and Excise formed a group called 'Coastwatchers', recruiting from those who worked in dockyards and airports or on the coast.
For instance, ships docking are searched, often by rummage crews who could be identified by their overalls and tool belts.
On board they thoroughly searched, including the drilling of sample holes in containers to locate contraband drugs hidden in the walls. Shipping security staffs were frequently employed in anti-drug operations. Particular crewmembers were targeted and the security officers acted in an intelligence-gathering role.

There were successes, two crewmembers were convicted of smuggling whilst another British crewman was held in the West Indies for smuggling.

'Coastwatchers' were only expected to 'observe and report'.

However there was a rumour of one 'Coastwatcher' actually being 'wired' during an illegal migrant transfer to his point of exit in GB to catch more than interesting facts as his mouth ran away with itself in an attempt to stay in Britain. Due to the wonders of miniature electronics that

small favour was denied him. That was an exception though, and certainly not the norm.

In keeping with the British way of doing things the scheme was not well funded and is perhaps a statement of the use that HM Customs made of that funding.

The 'Coastwatchers' were issued with information packs. They consisted of Four Hour manned telephone numbers, Identification aides in the form of silhouettes of coastal vessels, small craft and light aircraft. Instructions on how, and to whom, to report were included in addition to blank incident forms, the text of which stated:

How to report...

If you see something that you suspect could have smuggling implications, complete the enclosed Incident Report Form as soon as possible, using the identification charts as reference. First impressions are important. Try to make a note of what you see at the time - the form can be completed later if necessary. Note the time, date, place, and description of vessel or aircraft, colours, people involved, vehicle details plus a brief description of what you saw. The more details you note at the time, the easier it will be to report later.
Telephone the Coastwatch number as soon as possible after the sighting.
If you locate goods, do not disturb them, just report the location as accurately as possible, disturbing the goods could destroy vital evidence.
WARNING!
For your own protection do not involve yourself in any incident.
Do not attempt to contact customs Coastwatch by radio, unless there is an emergency, you may be overheard.
Many times it is easier to ignore suspicions rather than report them, now you can do something.
Of course you may never see anything that causes you to be suspicious, but if you do you have the simple means to take some action.
Thank you for your co-operation and for being part of the 'Front Line'.
Freephone Customs Coastwatch on nnnn nnnnnn

Incident Report

Insert the appropriate identification numbers. Elaborate as necessary.

Vessels	Aircraft	Vehicles
Time	Date	Place

O.S. Map reference [if known]

Distance and/or bearing from a point or features.

Vessel Details			
Name		Colour	
Number	Port of Registry	Flag	
Aircraft details			
Reg.No.	Colours		
Vehicle Details			
Reg No	Colour	Make	Model
Number of Persons			
Male	Female	Total	Nationality

What you saw [continued overleaf].

[reverse of sheet had 20 ruled lines for a short 'statement'].

The volunteer 'Coastwatchers' were informed of successes and sightings by newsletters. Each Coastwatcher had an individual number, peculiar to that coastwatcher.
It is believed that the 'Coastwatchers' is now defunct

Thanks to Mr Anoni Mouse for his help in the preparation of this piece.

NEWS & ITEMS of INTEREST

E2k acknowledges, with thanks, the receipt of Newsletter 42 from WOYG.

Last Cockleshell Hero passes on.

Bill Sparkes was one of two survivors of Operation Frankton mounted in December 1942 against German shipping in the Gironde area near Bordeax, France. [The others involved in Operation Frankton either drowned or were executed by their captors]. This gallant attack called for ten

commandos to be disembarked from a submarine, HMS Tuna, in the mouth of the Gironde, paddle downriver 91 miles and carry out a limpet mine attack against enemy shipping.
For his part in this action Mr Sparks was awarded the DSM; sadly he was forced to sell his medals in 1995 due to a tax liability concerning his pension. The purchaser respectfully made the medals available when Mr Sparks required them.
[The others involved in Operation Frankton either drowned or were executed by their captors].
After the war Mr Sparks joined the newly federated Malaysian Police Force, serving through the emergency and upon returning to Great Britain worked as a London Transport bus driver and garage inspector for 30 years.
Bill Sparks helped with the production of a film called *Cockleshell Heroes* and published two books of Operation Frankton memiors: *The Last of the Cockleshell Heroes [1992]* and *Cockleshell Commander [2002].*
In June 2002 Bill Sparks made a 60th anniversary visit to places on his escape route. This route is now called the 'Frankton Trail' and is a tourist hiking attraction.
Bill Sparks DSM a Royal Marine Corporal and wartime commando, was born on 5th September, 1922 and died on 30th November, 2002 aged 80.©P.Beaumont 2002
[P.Beaumont gratefully acknowledges receipt of the Order of Service from the Funeral of Bill Sparkes at St Andrew's Church, Alfriston and enclosed video record of his service].

Defence worker in Court, then attempts suicide using a novel approach.

Defence worker Ian Parr, 45, has appeared at the Old Bailey to answer nine charges of spying involving the gathering of information concerned with the HALO [Hostile Artillery LOcation System] project from BAe Avionics, Basildon. Parr, of Tylney Avenue, Rochford, Essex also answered one charge of stealing documents relating to the British Stealth project. He was subsequently found guilty and will be sentenced later.
Parr was a team leader in the design department and was the test coordinator. The prosecution alleged that Parr was spying for the Russians before his arrest on Friday 22nd March involving Essex Police and the Security Services.
Ian Parr, who had previously served in the British Army and whose nickname was 'HAZARD' attempted to commit suicide in Belmarsh Prison where he has been held since his arrest.
He ingeniously wired his metal framed spectacles to the electricity supply in his Prison cell. He only managed to burn the outline of the frames onto his face. *[This is an excellent experiment to illustrate the heating effect of electricity. Wonder if his credit card was wiped by the magnetic lines of force around his frames]?* [Tnx Rob of Essex].

China launches new photo-reconnaissance satellite

On 27th October China launched the second in its Zi Yuan-2 (ZY-2) series of photo-reconnaissance satellites from the Tai Yuan centre using a CZ-4B launch vehicle. The first ZY-2 satellite was previously launched on 1 September 2000.

Infiltration of Israel by Hizbullah

The break up of a spy ring which Israeli authorities say was run by Hizbullah and headed by a highly regarded Bedouin army officer, Lieut Col Omar al-Kheib, indicates the extent to which the Lebanese movement has been able to infiltrate Israel. [Have the E25 transmissions anything to do with this]?

British Hacker faces extradition

A US Lawyer said "This was a grave intrusion into a vital military computer system at a time when we, as a nation, had to summon all our defences against further attack."
He referred to the hacking of more than 90 networks run by the US Military and NASA. A 36 year old unemployed programmer from Hornsey, North London could be extradited to face seven counts of 'cyber-crime'. Two of the systems claimed to have been caused to crash were inside the Pentagon.
The British Hacker is said to have causing damage estimated at £560000 in 14 states. 300 computers in a New Jersey Naval Base were hacked and 950 passwords were stolen immediately after the 11th September attacks. The Hacker faces a maximum sentence of 5 years in gaol and a £160000 fine if found guilty.

Brightening up the intel image!
Germany's foreign intelligence service intends to promote and liven up its image by selling baseball caps, T-shirts and underpants bearing the service's logo.

Espionage stepped up by Russia

The Russian civilian intelligence service [SVR] has received an order to radically step up foreign intelligence gathering activities.
With a large Russian émigré communities abroad the SVR and FSB use coercive methods to ensure that selected persons are recruited. This coercion even goes to the lengths of fabricating prosecution cases against those targeted for such espionage duties. Those that refuse face extradition charges on trumped up charges.
Those targeted appear to be the Russian entrepreneurs who operate the businesses that are key to the transformation of Russia's suffering economy into a successful one and the formation of a functioning democracy.

Russian Diplomats expelled.

Two Russian Diplomats were expelled from Sweden after being linked to what appeared to be industrial espionage. The company involved was Ericsson which is the world's leading manufacturer of equipment used on mobile phone networks. However Ericsson is also a defence contractor

worldwide. It makes radar systems for the JAS-39 Gripen fighter plane [SAAB] and also for Britain's BAe Systems. No information is available and there can only be speculation as to whether the two diplomats were interested in radar development or commercial wireless technology.

Achtung! Achtung! ENIGMA 2000 also exists in ze Deutchland!

AnonMW rang in to say that he had discovered a German ENIGMA2000. This offering is a company founded in Herford on 20th January 2001, thankfully your E2k was founded in Sept 2000 and produced its first newsletter on 26th October 2000.
With the mention of Herford both our memories went into overdrive, there was immediate talk of SOXMIS, something that every serviceman who served BAOR would be aware of. *[Remember BBCs Forces Favourite's Jean Metcalfe and Cliff Michelmore? 'In Britain it's 12 o'clock and in Germany one o'clock, and hello Gunner Smith who has been in BFPO 47 for the last 11 months with no leave. Here's a special message from your wife Agnes, who is just about to give birth to your first child, " Looking forward to seeing you shortly Bert, I've really missed you." And the record for you Bert is Vera Lynn's 'We'll meet again'....!]*

[BFG FORM 66 (Rev Apr 75)].
Part of the instruction reads "If you see a SOXMIS vehicle, contact as quickly as possible:

HERFORD Mil nnnn
If using a German Civil Phone, dial:
a. in HERFORD Code nn then nnnn.
b. Elsewhere Code 05221-nn then nnnn

[Soviet Missions in GDR were not peculiar to the Soviets, BRIXMIS was the Britsh forces forays into the DDR, whilst the French had their FMLM, the Americans their USMLM. It is interesting to note that the Robertson-Malinin Agreement of 16 September 1946 allowed British forces and Soviet forces similar reciprocal 'liaison missions'. For reasons unknown agreements between the French and American forces and the Soviet side resulted in much smaller liaison staff from the French and American forces being permitted access. That meant the British presence was as big as the total fielded by the French and American forces].

Interestingly the German dialling prefix hasn't changed in 27years [BT could learn something here] and the close of the webpages that provide contact details the prefix can be seen and compared directly with your SOXMIS card if you have one.

Fur weitere Informationen ist das Unternehmen erreichbar unter:
[For further information the undertaking can be contacted at:]

T HEIDEL GmbH
Lockhauser Str.51b
32052 Herford
Tel: 05221-769763
Fax: 05221-769764
E-Mail: Info@HeidelGmbH

The German ENIGMA2000 uses the binary figure1110101111 as part of its logo; is the converted figure 943 relevant?

The 'about us' section states 'The company of T Heidel GmbH was founded in Herford on 20.01.2001. The undertaking develops and markets cryptographic software *[Do CESG know about this? They do now].*
The company's founder and Business director Toralf Heidel ---------- a single, non-mathematically key. This newly developed key enciphering system was transferred to PC CD-ROM as a software solution. In respect of this key-enciphering system, there are two patents pending at the German Patent and Marketing Bureau.
The software solution ENIGMA 2000 was revealed in 2001 and showed itself to be a competent solution for secure data encryption. The product is in German language.

With the ENIGMA 2000 password generator, the second software solution was revealed in the year 2001. This program generates passwords [large/small letters, numbers and special symbols] in a length of between 5 to 20 digits and can produce in excess of 90e36 *[too lazy to type 36 zeros]* different passwords.
Both programs are suitable for private and also business use. The issue of multi-place licences is possible.
For further information, the undertaking can be contacted at:

The sites URL is http://www.heidel-gmbh.de/Unternehmen.htm

For BRIXMIS look at http://www.brixmis.co.uk/
[Tnx for your help AnonMW]

Arms Inspections, a feeling of Deja Vu?

Despite claims that no spying was being carried out during the last inspections, four years ago, UNSCOM was embarrassed when a safe containing technology designed for SIGINT work was discovered. This time around Iraq's Vice-President Taha Yassin Ramadan has accused the weapons inspection team of being spies working for the CIA and Mossad.

419 letter received

Once again E2k has received a 419 letter. This masterpiece of deception is written by none other than Dr Bella Musa who states that he is the chief accountant of the Nigeria National Petroleum Corporation. Not surprisingly this one has a sum of US$69million to dispose of. Surprisingly they discovered E2k by recommendation [*who from, SB, MI5, MI6 or GCHQ*]?
Dr Musa asks that if we are not interested we let him know so he can scout for someone else. However if we have an interest we are to observe the highest confidentiality and 'send the required documents: One blank letterhead, one invoice sheet and bank particulars'. He needs these urgently and asks for them to be sent by Email for security,<drbello_mu@omaninfo.com>. Who in their right mind does not see this for what it is; a scam.

Reds under the beds

First we had reds under the beds but now, thanks to the Commons Foreign Affairs Select Committee, we have the possibility of terror groups joining in post grad research courses to acquire 'lethal germ warfare agents'. Iraq's head of bioweapons program studied in Britain we are told.

Saddam Hussein, Crimes and Human Rights abuses, weapons of mass destruction and heavy reading.

It would appear that the FCO had worked overtime to produce a dossier of nastiness, concerning Iraq, on the Rt Hon PM's behalf. First we had Weapons of Mass Destruction that read like a second rate copy of Frederick Forsyth's 'Fist of God' ; now we have this.
Can't think of any author who could produce this nonsense but the cockney rhyming slang 'Jackanory' comes to the fore adequately.
The Times Newspaper 05/12 in its Parliamentary Sketch [Ben Macintyre] noted a question placed by Tam Dalyell MP about the claimed caning of the Iraqi football team for failing to qualify for a World Cup Football match. [Saddam Hussein, Crimes and Human Rights abuses Page 7 -- outlines how Udayy Saddam Hussein ordered the said caning]. Tam Dalyell MP further stated that "FIFA has made a statement that there is no truth in it whatever." The PM's immediate answer was "Leave aside that incident'. The reader of course can make their own minds up as to the truth of the report. Bear in mind that the report covers all things dear to a clean living human: Family ties, husband, wife, child. Offences against women committed in the sight of the husband, confiscation of a child and of course the abuse of the Iraqi football team. [They forgot to mention abuse to the family cats, dogs, budgies or hamsters].
Iraq managed to place their 11807 page weapons declaration document outlining the weapons of mass destruction projects etc into the hands of the UN inspectors. Iraq maintains they have nothing to hide, Mr Bush and Mr Blair suggest otherwise. Surprisingly the US took the document to copy [do they have the only photocopiers in the world?] and Iraq accused the US of piracy.
The excuse given was so that the US can remove all the sensitive bits that might enable others to make weapons of mass destruction.
[It's all on the internet: Nuclear weaponry, Nerve gases -- including the binaries and hallucinants. Biological weaponry is also readily available, as well public order items such as photic drivers, shock sticks and the like]. What it really means is the US get the first look at it; if it is the only copy how can anyone prove it hasn't been altered to give proof that WMD's exist so that a US led fiasco can persecute those in Iraq? Very fishy this.
The subsequent suggestions of military build up by US allied forces [probably only GB is assisting] now pervades Britain's December newspapers. Of course the World, Iraq and the Arms inspectors await the ‘intelligence’ that will point out exactly where these awful WMD’s are secreted.
[The popular word on the 0620 train to Victoria is ‘propagandist’ when applied to this well knackered story [note use of word ‘story’] that the papers are all too pleased to attempt to force feed us].

Secret Service historian appointed

Professor Christopher Andrew [Modern and Contemporary History at Corpus Christi College, Cambridge University] has been appointed to research and write an official history of the Security Service MI5. Professor Andrew has been appointed a part-time member of the Security Service, allowing full access to its material, enabling him to write its history to mark its centenary in 2009.

David Shayler released

David Shayler was released from Open prison on 23rd December after serving seven weeks of his sentence. He will be tagged and has a curfew between 1900 and 0700. His release occurred on his 37 th birthday.

Thoughts for 2003

In closing; let us hope that this New Year brings some sense to all Nations. On one hand we are told that it is necessary to control terrorism and weapons of mass destruction. Like the Arms Inspectors the rest of the world waits to see proof that these WMD’s exist in anything other than British and US propaganda. [What about the Iraqi Nuclear Physicist code named ‘Leone’ outlined in a past BBC ‘Correspondent’ TV programme (http://news.bbc.co.uk/1/hi/programmes/correspondent/1191203.stm)? Gun or Implosion type initiated weapons tested under the south west shore of Lake Rezzazza situated near Kabbala]? The programme was broadcast at 1815z 03/03/02. There was even a page or two on the device in the Sunday Times.
New statutes are suggested in Great Britain to allow the forced containment of those in an area affected by Nuclear, Chemical or Biological attack. Is this about helping those inside that cordon, or, keeping them there so that they cannot seek treatment on the NHS? Do CBW’s infect others? Not in the understanding of the author.
A Happy New Year to all our readers. *[The rest, which outlined the meddling of certain politicians, in other country’s affairs, and who have declared themselves the worlds policemen has been censored].*

RELEVANT WEB SITES
http://groups.yahoo.com/group/enigma2000

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

http://www.spymuseum.org

http://www.eyespymag.com

http://www.8march2003.com/global2003eu.htm

http://www.official-documents.co.uk/document/deps/hc/hc1243/1243.pdf

http://www.brixmis.co.uk/

http://news.bbc.co.uk/1/hi/programmes/correspondent/1191203.stm

REQUESTS
PLondon wishes to know if anyone has reference to an XP message with dk/gc 00497/00051? If so please contact P via E2k or post to Group. Tnx.

DOES ANYONE know anything about UK Resilience and the 'Gatekeeper Network'? If so E2k would very much like to hear from you ASAP. [To learn more on UK Resilience try: http://www.ukresilience.info/ and for London dwellers: http://www.londonprepared.gov.uk].

Thanks to those who replied to DoKent's request outlined below:

WANTED by DofKent
Copy of 'Electronics Design' July 22nd 1996 or photocopy of article by MJ Salvatti, entitled 'High Frequency Loop Antenna' contained therein. [Publishers in New Jersey, USA].
All or any costs reimbursed; many thanks. [Pse make contact via e2k_news@hotmail.com]

DOES ANYONE have any information on the two often quoted intercept/DF stations in Northern Ireland, which are often mentioned alongside other, well known stations on the UK mainland, but on which little or no information seems to have ever been published? The stations in question are Gilnahirk to the south of Belfast, and Island Hill near to Comber. Gilnahirk is often misnamed Gilnakirk in publications." [Stations may have been in operation up until the late 1960s or early 1970s].

We have had a request from 'G' for details of any newspaper articles on the deaths of Servicemen caused by friendly fire in the Gulf War. [*Not that on p7'The Guardian' 31st December 2002*] Please reply to 'G' via: e2k_news@hotmail.com Mark subject line 'Forward G'.

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

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

STOP PRESS
From AnonUK

E07	6965kHz	2100z	25/12 [981]
S06	12366kHz	0700z	25/12 [null msg]
S10D	4835kHz	2100z	25/12 [555 387 21 372 19]
S10D	8190kHz	1500z	25/12 [555 387 21 372 19]
S17C	9165kHz	1250z	25/12 [11034]

'E'	Tnx lttr, Sri yr nws. DLB=CL BW trffc. HNY
LP:	Mni tnx yer log dtd 19/12/02 == HNY
'Tanzy'	BFPO404 NL13 sent to your H/A on disk. Did u get wet erecting your antenna? HNY

CONTRIBUTION DEADLINES FOR 2002 ARE AS FOLLOWS:

Issue 15 Feb 22
Issue 16 Apr 22

Please note that all items intended for publication in the next ENIGMA 2000 newsletter should be received in good time. Please send your articles, news items and requests via the above e-mail address. Please indicate if you wish to be contacted direct.
If you wish to be credited with your article please indicate, otherwise all work will be treated as 'Anon'.
ENIGMA 2000 CAN BE PAGED VIA: 076 2627 6417