

ENIGMA 2000 NEWSLETTER



Satellite Dish atop the Embassy for the Sultanate of Oman in London
167 Queens Gate SW7

Bearing 225 deg approx

Issue 34
May 2006

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

Before we go into the newsletter proper PLondon must apologise for the email trace information and Army service number that inadvertently appeared on the back cover of Issue 33. It referred to repeated harassment against a female made via the MoD email system; the matter placed in the hands of civilian police who issued a Harassment Order against the perpetrator. Again, apologies for the accidental inclusion of this detail.

ASSISTANCE REQUESTED on this FCO Clandestine Communications and Propaganda Radio site:

It is believed that Rendcomb, 5 miles north of Cirencester in Gloucestershire was a wartime FCO Clandestine Communications and Propaganda Radio site.(may not have been used since late 1940's or early 1950's). There is little detail available about the use of this site and whilst we have ascertained there was an airstrip there, little else can be uncovered.

It has been mentioned to us that apart from propaganda the base [if it existed] was also used as a DWS site. We would be pleased to receive any thoughts/information on this past site via g7vak@yahoo.co.uk or direct to Paul at his home address [See QRZ or Monitoring Monthly: Feb, Mar, or May 06].

ASSISTANCE REQUESTED by ENIGMA 2000 Member ACy

I am interested in Chapman Pincher's article appeared in the Daily Express on 12. January about Sonia, the well known russian agent first in China, then in Switzerland as the resident of the pre-war spy network, which later grown in to the Rote Drei during the 2nd WW

We would be pleased to receive any scans of this piece OR OTHER INFO ON SONIA via g7vak@yahoo.co.uk

Once again, welcome all to Issue 34.

Our regular contributor base continues to grow with all our "Desks" & "Teams" gaining new members willing to assist in their running. We are now receiving so very many logs that with this volume it is not possible to include all individually within the Newsletter. Our aim is to try to create / prove schedules with confirmed observations, and print those logs necessary to substantiate those schedules, or allow the reader to construct their own versions from our text. Please continue to send your logs, which are retained for further reference by E2k, even if not actually included verbatim in any of our publications. Putting together a Newsletter of this complexity is very time consuming and readers will be interested to learn that PLondon has received several comments of 'information overload'; one such comment being made by a professional Signals Officer of good standing. [How else could we provide the service our members expect. Ed]

As a direct result of more people becoming actively involved in E2k ALL members are receiving the benefit of our ability to provide :-
Extended coverage and more detailed comment of almost all stations
Specialist desks acquiring extra detailed info and then using it to produce usage / prediction charts which are more accurate than any previously available, which in turn generates even more loggings.

Do not forget that considerable information resources are provided on our group site, including:-
Slavic Tracker Charts
Morse Station Profiles
Language Lists
Abbreviations
Hitch Hikers Guide

The Newsletters themselves are a reference work which is often overlooked, all back issues are available, and they probably give the answers to 99% of questions asked about number stations. You even have them indexed for you thanks to "mndbs"

This May issue, annually, is an important one as the effects on schedules / freqs of the "Summer" time changes are becoming more fully understood and the station details updated as necessary.

As these changes are not date consistent, many on 25 Mar with others on 1 Apl and 1 May it gives us a further opportunity to study possible origin/target implications for those stations who do not change to suit "local time" but remain on GMT.

M12 & E07 have provided some interesting timing anomalies.

Slavic Stations, M10, S10d, S17c have undergone their expected rotational freq changes from 1 May, refer to Chart 20 in Newsletter 20.

S11b, new designator is assigned, see entry, format is as E11b – please add to your Control Lists.

Now was **E10** playing with E2k with its "**goodnight**" TX, following our ongoing detailed analysis, or was it pure coincidence – guess we'll never know, but they certainly have a sense of humour.

Very nice catch by Jakub in the Czech Rep, see later.

Also more E10a "Strings" during Apl.

Improving conditions and rising SSN's at end of Mar resulted in more M08a & V02a being heard on the East side of the "pond" although unfortunately this did not continue into Apl.

Morse is dead ?, article in last issue.

Some interesting comments received from Anon members following our article have included the information that such was the effectiveness of the Iraqi jamming stations & their operators during the "run up" to 1st Gulf war that the Allies had to hurriedly resort to using CW, and find suitably trained operators, to ensure reliable communications.

Ho Hum !

Group Officers

Please add to the list :

PoS

General Station Analysis & Additional Media Coverage

MORSE STATIONS

Here is a "small" representative sample of the very many CW logs received, giving an indication of station behaviour and range of times / freqs heard.

The presentation layout has been revised, following constructive comments, to make it easier to "speed read".

Unids

IB has logged a larger number than usual of very short duration / short lived TX's, mainly under 5 meg, sending only an alpha/numeric ID, whose origin and purpose remain unknown.

(Possibly associated with current Russ Mil exercises and/or training for their upcoming African deployment. Ed)

M01/2 MCW, hand

ID change to "463"

01 Mar	7722kHz	16.20z, "584 301 40 584 119 40 000" M50 sent on this freq yesterday – a test? Asks FN
03 Mar	7722kHz	13.20z, "584 764 40 584 331 40 000"
03 Mar	5810kHz	16.15z, "158 787 33" as at 15.15z Sept/Oct 05
16 Mar	5018kHz	20.00z, "463 185 30 == 27779"
18 Mar	6261kHz	15.00z, "463"
28 Mar	4957kHz	18.09z, i/p "ends == 371 371 30 30 0 0 0"
05 Apl	7722kHz	16.20z, An M01b TX made – where has the "584" for this slot gone to ?
20 Apl	5475kHz	18.00z, "463 393 30 == 74033"
30 Apl	6508kHz	07.00z, "463 555 30 == 22387"

M01a (formerly the end of month TX's)

15 Mar 7891kHz 08.00z

This TX detail follows "as received".

There are no known set formats / freqs / times for this variant station.

Fritz N is very lucky to have caught it, well done, we now have a good example to use as a basis for the ID of other possible TX's.

Previous logs of this station had been "i/p" so we knew some variations of the sign-offs', this one gives us an intro but no sign-off – can't win them all !!

.....19397 19397 19397 04 04 04
111 111 111 56125 56125 56125 03 03 03
(all rptd 3x)
56125 56125 56125 35 35 03 03 == 61352 61352 38621 38621 72981 72981
== 35 35 03 03
19397 19397 19397 12 12 04 04 == 32682 32682 73915 73915 94345 94345
12394 12394 == 12 12 04 04
no sign-off.

Other freqs

4029, 4887, 5259, 5275, 5736, 7365, 10822

M01b

02 Mar	5735kHz	21.32z, "302 789 35 == 86550" Repeated on 6th 21.10z Repeated on 16th 21.32z Repeated on 17th 22.02z
14 Mar	4141kHz	18.20z, "210 171 23 == 05946"
21 Mar	4848kHz	18.20z, "210 171 23"
28 Mar	4848kHz	18.20z, "210 171 23"
03 Apl	4991kHz	20.10z, "298 801 38"
05 Apl	7722kHz	16.20z, Repeat of above. New Sked
06 Apl	5940kHz	15.08z i/p ending 412 36 36 0 0 0 Poss new sked
06 Apl	5735kHz	20.32z, "302 801 38 == 53824"
07 Apl	4848//4141kHz	18.20z, "210 171 23" Above repeated
20 Apl		
06 Apl	4905//5736kHz	20.32z, 302 801 38 == 53824"
10 Apl	4992//5335kHz	Above repeated to "298"
21 Apl	4766//5443kHz	Above repeated to "271"
07 Apl	5443kHz	21.02z, "271 801 38"
17 Apl	5336kHz	20.10z, "298 801 38 == 53824"
24 Apl	5338//4991kHz	20.10z "298"
28 Apl	5810kHz	15.15z, "158 169 34 == 82035"

M01c

02 Mar	4454kHz	18.40z "194 87775 194 87849 194 1 194 000"
13 Mar	7365kHz	10.45z i/p ...530 10 = 5f x 10 = 530 10 44275 111 000"

M03 ICW, some CW

An interesting start to the new "month/ freqs" where the M03, 09.00z, ID 214 sked came up as an S11a "215/00" – never heard before, mistake or new S11a sked ???

01 Mar	5815kHz,	13.15z, "049/51... 47367 55063....." 15.00z, repeat
04 Mar	8196kHz	09.15z, "284/00"
07 Mar	4870kHz	07.30z, "041/00"
08 Mar	6941kHz	07.30z, "508/00"
09 Mar	8759kHz	10.00z "976/00"

09 Mar	6252kHz	16.30z "287/00"
10 Mar	6814kHz	07.30z, "040/00"
	4958kHz	08.00z, "041/00"
	8196kHz	09.15z, "284/00"
	7984kHz	11.00z, "508/00"
10 Mar	5173kHz	20.00z, "121/25 == 53846 05744" Special sked
11 Mar	4356kHz	20.30z, "121/23 == 12793 25593" Special sked.
13 Mar	7772kHz	09.00z, "976/00"
17 Mar	6814kHz	07.30z, "040/00"
	7984kHz	11.00z, "508/00"
18 Mar	8187kHz	08.00z, "624/00"
21 Mar	10728kHz	07.45z, "503/00"
	5082kHz	08.15z, "211/00"
24 Mar	6814kHz	07.30z, "040/00"
	4958kHz	08.00z, "041/00"
	6849kHz	08.45z, "552/00"
	8196kHz	09.15z, "284/00"
27 Mar	4009kHz	18.30z, "121/24 == 20188 07921....." Special sked.
28 Mar	4073kHz	18.30z, "121/25 == 30598 49150" Special sked.
05 Apl	4009kHz	19.30z, "121/22 == 31908 61777" Special sked
06 Apl	4073kHz	19.30z, Repeat of above.
13 Apl	8196kHz	09.15z, "284/00"
21 Apl	4958kHz	08.00z, "041/00"
	6849kHz	08.45z, "552/00"
M03c		
07 Mar	10728kHz	07.45z, "501/32 == 77777 77777 == 85829 48070" etc
09 Mar	12397kHz	08.45z, "501 32 == 77777 77777 == 85829"
13 Mar	6849kHz	08.45z, "554/33 == 77777 77777 == 16663 31439" etc
17 Mar	6849kHz	08.45z, "554/33 == 77777 77777 == 16663 31439" etc
04 Apl	10728kHz	07.45z, "501/31 == 77777 77777 == 74856"
10 Apl	7772kHz	09.00z, "971/34 == 77777 77777 == 29008"
13 Apl	8760kHz	10.00z Repeat of above
14 Apl	6849kHz	08.45z, "554/31 == 77777 77777 == 32333"
25 Apl	6849kHz	09.00z, "i/p, single rpt of "550/000/048 77777 66322" presumed 2 mssgs. On a Tuesday ????. Usually on Mon/Fri.

M08a ICW, cut

Again giving us an entertaining catalogue of errors in addition to the early/late starts.

Some TX's although having had good strength signals have been so garbled as to be unreadable, whether this is an audio feed or Txer problem has not been established,

(See also the included comprehensive charts by MS for daily expected activity.)

04 Mar	3244kHz	11.00z wrong freq, should be 4027kHz.
06 Mar	7840kHz	22.00z wrong freq, should be 7517kHz.
24 Mar	4507kHz	11.00z sent on AM carrier and on wrong freq, should be 8136kHz
30 Mar	3025kHz	10.06z i/p, had started on wrong freq of 4027kHz. The 11.00z repeat then wrongly sent on 3025 not the correct 4478kHz.
31 Mar	10235kHz	05.00z, wrong freq for this 04.00z repeat, should be 9062kHz
06 Apl	8009kHz	22.00z, garbled u/r, 23.00z sked NRH - Xmtr problem.

Other freqs

3024, 3026, 3245, 3926, 4027, 4173, 4478, 4507, 5761, 6854, 6933, 7480, 7519, 7526, 7554, 7680, 7975, 8009, 8096, 8135, 9062, 9153, 9238, 9323, 9330, 10126, 10235, 10345, 10444, 10446, 10566, 10715, 11156, 11556, 11566, 12119, 12214, 13374, 13419,

M08c still with us.

24 Mar	4173kHz	11.00z i/p, late start.
	7680kHz	19.00z ID 16313
	8009kHz	20.00z Repeat of above

M10 ICW / MCW, some CW

01 Mar	14445kHz	08.40z, "555 874 31 365 20"
	5079//7746kHz	16.30z, "555 571 33 275 18 049 21 435 33"
04 Mar	5078//7745kHz	16.30z, "555 571 36/25 == 57731.... 275 18/32 == 18890 "049 49/37 == 19306" "435 95/21 == 11014" ending at 16.56z - a long TX.
06 Mar	5945//9166kHz	13.40z, "555 272 47/35 == 98418... 243 36/27 == ...
	8175kHz	14.12z, "555 392 90/27 == 44603... 487 ??/27 == QRM4
08 Mar	4030//6758kHz	19.00z, "555 839 36/38 == 14115...."
11 Mar	7745kHz	19.52z, "555 513 33/27 == 31265"
13 Mar	4485kHz	22.00z, "555 585 54/33 == 71372..... "772 55/34 == 09071....."
14 Mar	9986kHz	17.20z strong BC QRM
	4835//9369kHz	18.20z " 555 583 54/24 == 21792... "584 76/41 == 92056..."
16 Mar	4485//6758kHz	03.30z, "555 322 71 19 etc, without its attendant XJT today
18 Mar	15898kHz,	06.15z, "555 513 nn/38 == nnn poor sig.

5945//9166kHz 07.00z, "555 041 nn/23 nnn poor sig
 19 Mar 7745kHz 16.30z, "555 571 25
 049 36
 435 31"
 20 Mar 9166kHz 12.45z, "555 305 37 028 39 etc
 22 Mar 5917//9166kHz 17.00z, "555 576 37/30 = = 99061
 286 985/37 = = 84821
 27 Mar 5301kHz 04.50z, "555 230 91/21 = = 47170
 282 97/31 = = 30866
 05 Apl 12295//8190kHz 19.40z, "555 816 32 514 24"
 06 Apl 9165kHz 19.51z, i/p "555 717 50/39 = = 33743 94683 49084 = = 50/39 0 0 0, ending 20.02z
 Probable 19.50z start, tuning sig from 19.42z
 07 Apl 14377kHz 18.40z, "555 816 36/32 = = 0*053 (A high freq for the time, Ed)
 514 81/24 = = 12892
 13 Apl 8143//12227 12.00z, "555 924 42 592 35"
 27 Apl 13405kHz 19.45z, "555 277 27 14 27 = = 61902"

Other freqs

3522//4485, 3523//4783, 4030//6758, 4485//5945, 4485//6758, 4835//9369, 5027//7605, 5078//7745, 5078//8112, 5078//8190, 5301, 5917//9166,
 5945//9166, 5945//9368, 5946//6369, 5946//10125, 7605, 7745//9165, 8143//12226, 8175, 8190//12295, 9156, 9165, 11417, 12226, 13405, 14377,
 14445, 14563, 14653 (typo ?)

M11

Rolling 4 week sked, Mon–Fri 09.00z, Wed 08.00z

Where previously gc's of 5 and lower were logged there has been a radical change as can be seen from the following logs.

10 Feb 5019kHz 09.16z i/p 03 16 36153 03 18 62683 03 19 000
 13 Mar 7891kHz 08.00z i/p "111 19397 04 56125 03
 03 Apl 5019kHz, 09.00z, "111 54897 19 71845 20 55263 18 29825 = ="

M12 ICW, some MCW/ CW, short 0

See also the E2k German Report.

This stations behaviour is quite odd and creating some interesting challenges for our CW team.

There is a suspicion that their TX'er may also be emitting "image freqs" but this has yet to be proved.

Thanks to CX & FN who are specialising in monitoring this station, many more skeds are being identified which is allowing us to build a far more complete picture of the activities and sked structures of this prolific CW player – even though it's continually changing.

It had long been thought that many skeds were not being heard, too weak, in UK, but could be monitored from other parts of Europe.

The best previous "score" had been 19 skeds a day – this has now risen to over 30, confirming our original thoughts.

As a result of CXs postings many of these skeds are now being monitored in UK, and elsewhere, by the CW team.

Many of the mssgs are in the 100+ gps area while on 26 Apl RRGB caught a 311 gp mssg which caused the whole rpt sked to run late, and the freqs were ID related !!, while Fritz N caught similar situations on both 21st & 26th , and CX on 16th caught a 325 gps.

A further interesting aspect to come to light is the slight, but noticeable, delay between groups 40 / 41 of some messages.

Whether this is as a result of computer generation/ sending, or having another meaning, is currently unknown.

[But it is a regular feature of many Local Broadcast music stations who programme onto HD's to have periodic "hiccups" while waiting for the HD to "refill the buffer", even heard it on national radio. Ed]

02 Mar 9164/7849kHz, 19.20/40z "815 1 2315 138"
 06 Mar 6878/5944/5174kHz 21.00/20/40z, "747 1 333 73 72629 47983 000 000"
 07 Mar 6856/5788kHz 19.20/40z, "462 1 813 132 36146 04444 000 000"
 07 Mar 5436kHz 20.40z, "894 1 701 111 98862 52539 000 000"
 08 Mar 8168/6768/5368kHz 20.00/20/40Z, "173 1 330 268 65152....."
 08 Mar 8169kHz, 21.00z, "173 1"
 10 Mar 5233/6876kHz 05.00/20z, "691 1 3951 138 18458 20643 000 000
 10 Mar 6782kHz 17.00z, "749 1 3951 138 18458 20643 000 000 (note repeat of mssg)
 11 Mar 7849kHz, 20.40z, "124 1 980 28" etc
 14 Mar 5233/6878/7469kHz 05.00/20/40z, "691 1 2139 139 79046" etc.
 Repeated on 18.00 & 19.00z sked triplets
 14 Mar 5938/4938/4038kHz 22.00/20/40z, "338 1 946 121 35776" etc
 16 Mar 8084kHz 18.01z "462 1 4826 138 28204" etc
 16 Mar 10343/9164/7849kHz 19.00/20/40z, "815 1 4826 138" etc. Repeat of 18.00z to different ID
 17 Mar 5236/6876/7469kHz, 05.00/20/40z, "691 1 2734 140 80512" etc
 17 Mar 9338/10638/12138kHz 07.00/20/40z, "338 1 946 121 35776" etc

[has this replaced the 06.40/07.00/20 sked ?]

[Note the small freq difference in this Wed / Fri 05.00z sked pair 14/17 Mar]

18 Mar 8183/7483/6883kHz 22.00/20/40z, "148 1 493 95 04917" etc.
 [Are the "148 / 338/ 747 skeds the only ones now operating where the ID relates to the freqs used ??]
 19 Mar 8084/6856/5788kHz 19.00/20/40z, "462 1 4196 133 58210" etc
 19 Mar, 9956/8157/7372kHz 19.40/20.00/20z, "557 1 376 229 74276 etc"
 [Not any longer, see 3rd fig of freqs]
 21 Mar 6875/5788kHz 19.20/40z, "462 1 1539 141 18835 05651 000 000
 22 Mar 6768/5368kHz 20.20/40z, "173 000"

Time changes from here.

26 Mar 6782kHz, CW 16.00z, "749 000"
 26 Mar 5788kHz 18.40z, "462 1 7419 137 46495" etc
 28 Mar 10624/11445/12123kHz 16.00/20/40z, "492 1 9632 135 76538 41761 000 000"
 10343/9164/7849kHz 17.00/20/40z, Repeat above

	8084/6856/ 5788kHz CW	18.00/20/40z,	Repeat above
28 Mar,	8088kHz	20.00z,	“894 1 142 109 50609 05007 000 000” No time change, target ??
28 Mar,	5838/4938/4038kHz	22.00/20/40z,	“338 000” No time change, target ??
02 Apl,	6850kHz	06.00z,	“814 000” Possible New Sked
	6782/7657/8173kHz	16.00/20/40z,	“749 000”
	11438/10569/9352kHz	17.00/20/40z,	“938 1 5903 138 54323..... 94444 000 000”
	8084/6856/5788kHz	18.00/20/40z,	Repeat above
	10343/9164/7849kHz	19.00/20/40z,	“124 1 725 139 05067 12824 000 000”
05 Apl	11156/9956/8156kHz	19.00/20/40z,	“191 000”
	[Oops, now another freq related sked, 2nd fig of freq, looks as if they’re coming back]		
06 Apl	10343/9164/7849kHz	18.00/20/40z,	“815 1 2936 140 83067 47808 000 000”
	Not the expected “124” TX – time change ??		
06 Apl	14372/13456/12104kHz	19.00/20/40z	“317 1 2936 140 83067 47808 000 000
	Same mssg as to ID 815 above, also did this on 16 Mar		
08 Apl	11156/9956/8156kHz	19.00/20/40z	“191 1 941 105 02465”
	[Another freq related, see 2nd fig, “191”]		
11 Apl	6934/5734kHz	21.00/20z	“975 000” Poss New Sked
18 Apl	8029kHz	04.20z	“890 1 393 171 58841”
18 Apl	10338kHz	05.00z	“315 000”
21 Apl	Here’s an interesting double mssg sequence both for timing and content :- CX commented “rather slow for M12 and had a one-sign-pause after 50 gps”		

11468kHz	1900z	4502 187 87 21823 00123 72615
11468kHz	1907z	4502 1254 235 51490 37846 11224 ... 74619 000 000
10518kHz	1929z	4502 187 87 21823 00123 72615
10518kHz	1936z	4502 1254 235 51490 37846 11224 ... 74619 000 000
9042kHz	1959z	4502 187 87 21823 00123 72615
9042kHz	2006z	4502 1254 235 51490 37846 11224 ... 74619 000 000

25 Apl	14372/13461/12114kHz	17.00/20/40z	“317 1” Interesting that the 3rd sending was in LSB ??
24/25 Apl	11468/10518/9042kHz	19.00/20/40z	“450 1 205 75 62451
	[Another freq related, see 3rd from last fig, “450”]		
26 Apl	12212/11125/9489kHz	19.40/20.04/20.31z	“128 1 298 311 18559
	[Another freq related, see penultimate fig of freqs “128”]		
28 Apl	12217kHz	06.44z i/p ending	“61443 000 000”

We wonder if this TX ties up with the 06.00z sending found on 2nd Apl to give a new 06.00/20/40 z sked ?

Resulting from the increase in M12 monitoring activity other patterns are also more clearly emerging, but still needs much more work, in that on some skeds there appears to be a distinct relationship between various aspects of the 3 sked freqs, but these are not always related to the mssg ID. These relationships have been known about by E2k for a number of years but the lack of sufficient comprehensive logs made any serious analysis difficult, this situation is now changing.

Other freqs

4938, 5233, 5236, 5368, 5381, 5436, 5734, 5788, 5938, 5944, 6768, 6782, 6817, 6850, 6856, 6872, 6876, 6878, 6883, 6902, 6929 USA, 6934, 7372, 7469, 7483, 7657, 7817, 7849, 8029 USA, 8084, 8088, 8116, 8157, 8169, 8173, 8181, 8183, 9042, 9164, 9239, 9264, 9327, 9338, 9352, 9489, 9934, 9956, 10338, 10343, 10518, 10569, 10598, 10624, 10639, 10711, 11125, 11156, 11427, 11435, 11438, 11445, 11468, 11491, 11566, 12104, 12114, 12123, 12139, 12162, 12189, 12212, 12217, 13382, 13386, 13452, 13456, 13461, 13965, 14372, 14377, 14710, 15476,

** Only reported from USA, other than a single EU log – targeted area ??**

M13 ICW/CW, rare MCW

01 Mar	9012kHz,	07.00z, “823 = 281 21 = 05261 37916” etc. Repeat 2nd
	10473kHz,	07.30z, “474 = 258 19 = 55018 40416” etc. Repeat 2nd
03 Mar	6327kHz	20.59z, “284 = 258 21 = 11530” etc
	8183kHz	22.45z, “757 = 283 21 =”
04 Mar	4496kHz	22.00z, “378 = 293 21 =”
05 Mar	10926kHz	20.00z, “261 = 302 21 =”
	5288kHz	21.30z, “411 = 283 21 =”
	5842kHz	23.00z, “427 = 761 22 =”
07 Mar	7427kHz	22.20z, “746 = 263 20 =” New Mar freq
09 Mar	10143kHz	21.00z, “714 = 258 21 =”

other freqs 3884, 4496, 4663, 5288, 6383, 6886, 6975, 6992, 7432, 8066, 9946

Has the M13 family ceased ?,

Last logged Mon 13 Mar 04.30z ID 378 by GD.

[The W f’cast on 15 Mar mentioned severe WX in Eastern Europe !!]

[Long time members may remember that M06, or any other of the OLX family, failed to return to air following devastating floods in E Europe. Ed]

Despite intensive monitoring there has been no further logs of any M13 family as at 30 April 2006

M13a

No reports

M13b

11 Mar,	3576kHz	22.00z, “510 000 = 306 21 = 57671” etc
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M13d

06 Mar	5876kHz	03.30z, “767 R5, = 304 22 = 37365” etc
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M13e

No reports

M14 MCW / ICW / MCW CC, short 0

04 Mar	5455kHz	20.00z, "578 361 40"
	4870kHz	21.00z, Repeat above
13 Mar	6755kHz	15.15z, "923 00000" R4
23 Mar	10820kHz	08.00z, "742 00000"
28 Mar	5420kHz	i/p ending "826 45 00000"
30 Mar	5420kHz	19.00z, "509 167 43"
		Repeat sked 5 Apl
07 Apl	9060/8030kHz	19/20.00z, "578 00000"
09 Apl	6925kHz	18.20z, "410 758 43"
	5420kHz	19.00z, "509 738 41"
11 Apl	7395kHz	08.00z, "362 00000"
26 Apl	5474kHz MCW	19.20z, "357 180 32"
28 Apl	6843kHz	18.00z, "123 846 99 = = 25484"

M23 ICW

Thanks to J-PL for his continued, almost daily, monitoring which proved essential in FN spotting the "new" ID as it stood out like a sore thumb against the background of "expected" calls. Nice piece of teamwork.

01 Mar	5670kHz	16.30z, "951" R10
06 Mar	repeat of above	
13 Mar	14450kHz,	14.30z, "555" R10
18 Mar	repeat of above	
27 Mar	14450kHz	14.30z, "555" R10 This TX weaker than usual in USA/Canada
27 Mar	5670kHz	16.30z, "951" R10
31 Mar	14450kHz	14.30z, "555" R10
12 Apl	14450kHz	14.30z, "555" R10 Barely readable in Canada, good in Germany
10/12/17 Apl	14450kHz	15.00z, "22222" R10, this is a new call/time caught by FN

M24 ICW / MCW /MCW CC (high speed version of M14)

16 Mar	10820kHz	08.00z, "724 901 73" sent in CW and 00000 unspaced ??
16 Mar	10780kHz	20.00z, "039 283 140" Sent at approx 180 lpm.
18 Mar	9260/10450kHz	14.00/30z, "015 684 113" etc
25 Mar	9260/10450kHz	14.00/30z, "015 397 122" etc
06 Apl	11540/13380kHz	19.00/30z, "463" ? i/p ending ! 597 597 120 120 00000 !
11 Apl	12125kHz	19.00z, "015 739 104"
20 Apl	10710/12125	18.30/19.00z "015 369 102"
27 Apl	11430/13495kHz	08/09.00z, "742 583 41 = = 92106"

M45 MCW hand, slow

02 Mar	4555//4955kHz	18.02z, "555 371 30 = = 7638
14 Mar	4555//4955kHz	18.02z, "555 371 30"
23 Mar	4555//4955kHz	18.02z, "555 371 30
27 Apl	4555//4955kHz	18.00z, "555 223 32 = = 45703 27795"

M50 MCW

03/10 Mar	7722kHz	15.10z, "587, R4, 642 642 50 50 = ="
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M55

03 Mar	12150kHz	13.00z, "698 000 000 000"
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M62

10 Apl	4396kHz	06.00z "B101 de CRYP"
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M76

12 Mar	3280kHz	17.50z i/p "de J2F9 QTC 519 29 = 26310.... 518 29 = 40545 517 29 = 40545 QSA 1 QRM
13 Mar	3280kHz	17.50z "5SNC de SJRP QTC ??1 17 = 26310 15114 etc
17 Mar,	3280kHz	05.00z "MAKW de R5TU(umlat) QTC etc
19 Mar,	3280kHz	17.50z "5DY3 de 6MNO QTC 544 29 = 26310 = 541 36 = 40545 = 540 39 = 40545 = 539 31 = 40545 = 538 38 = 40545 = 535 27 = 40545 = 534 41 = 40545 = ??? 103 = 40545 QSA0/1

23 Mar	3820kHz	05.00z Op error sent "Q de 557 29" instead of "QTC 557 29" Well spotted by FN.
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[What a long winded way to operate !, and keeping same freq for all times of TX. We surmise from this that its target area is a comparatively local one. Ed]

M87

No reports

M89 CW, auto & hand

IB reports a busy M89 with noted freqs of 3399, 3846, 4227, 4928, 4983, 5017, 5086, 5278, 5418, 5439, 5504, 5643, 5727, 6667, 7059, 7153//8047, 7416, 7779, 8050, 8321, 8727//10864, 9422, 20589 mainly sending its "round slip" TXs.

22 Mar 4670kHz 13.42z sends a typical gkvz gkvz gkvz de q7nw q7nw q7nw then changes to hand to send
"vv 3 vv 3 de 31ks 836000688o / 613o ugt comm = = 57697 / 688o / 23oo / 117 // 836o ar = 57697 / 688o / 23oo / 117 // 836o ar ar" then reverts to previous auto "round slip"
20 Apl 8436kHz T3AP de QF3K

CX, Gert, GD, HFD, IB, FN, F-NL, JH, JoA, J-PL, KR, ML, MoK, MS, Plondon, RRGB, Anon2 UK, Anon1 EU, Anon3 EU.

Report from the German Branch, ably managed by Jochen:

Much stuff! – Report from E2K's German Branch

Hallo liebe Freunde und Kollegen der deutschen Branche (Hello dear friends and colleagues of the German Branch)

Since March 2006, the German Branch exists 2 years, and it goes on growing up. We have now up to 20 people, who more or less report about their logs and numbers related events in Germany. One of these people, Fritz Nusser, comes from Switzerland (FritzE2Kch) and came in early 2005 to our Branch. Since then, he regularly brings his logs section, which usually contains Morse stations, but not only these ones, as his logs in this report will show. For a few periods, monitoring of Morse stations becomes more and more "in" in our Branch. Since February this year, we have a specialist for M12, who also regularly reports about his findings. Also he (CapitaneXE2Kde, near Dresden/Eastern Germany) doesn't only monitor M12, he also analyzes them, as our "Beginner's corner", written by him, will show below.

This time there is MUCH to report, so also much stress for the "Kopf", for whom it's difficult to decide, where he shall begin. So I decided to do it chronologically in event order, and between the events you'll find the logs, starting with the above mentioned "Beginner's corner" by CapitaneXE2Kde.

ENIGMA meeting

Unfortunately, the ENIGMA meeting, which I mentioned in the last report, and which was dated for March 4th, failed, because of heavy snow problems in that days, so that it was quite impossible for people, who wanted to come by car, to take the way to Marburg. Only one guy, FrankeE2Kde from Germany's capitol Berlin, which lies VERY far away from Marburg/West Germany, took the way by car, and for him it was not as problematical as for others, for example HFD from Trier/Southwestern Germany, where the snow came very wild, so that it was to riskful for him. Many thanks to FrankeE2Kde, that he came to Marburg. We had a nice talk about numbers related facts. We will repeat this inofficial German ENIGMA meeting in Marburg in May or June this year, when the wheather will be better. I am still convinced, that we will give many good impulses to the whole ENIGMA2000 group! In the next weeks, I will inform many German hobbyfriends again to make a new date suggestion for our ENIGMA meeting. – After Frank was here, he sent me his February/March logs, which you can find directly after the now coming

Beginner's corner

Here is our M12 analyst CapitaneXE2Kde, near Dresden/Eastern Germany, with a range-search list for M12:

I analysed all known M12-Frequencies and examined in which Frequency part they appear and and to which Radio Service this Frequency is allocated.

But maybe this is also valid to other E2K-ID's.

A Online Database of the Frequencies and allocated Services is at:

<http://www.efis.dk>

M12 Frequencies appear 99 % in Frequency-Bands which are allocated to:

FIXED RADIO SERVICE
LAND, MOBILE RADIO SERVICE (except AERONAUTICAL MOBILE)
BROADCASTING SERVICE
AERONAUTICAL MOBILE (OR – Off Route [like Shannon and RAF Volmet])

but they do not appear at Ranges which are allocated to:

MARITIME MOBILE
AERONOTICAL MOBILE (R – Route)
AMATEUR RADIO

To speed up searches for missings Skeds it makes not much sense to search in these Ranges.

M12 Search Ranges

2000.0 - 2160.0	7300.0 - 8195.0
2194.0 - 2850.0	8965.0 - 9995.0
3025.0 - 3400.0	10150.0 - 11275.0
3800.0 - 4063.0	11400.0 - 12230.0
4438.0 - 5060.0	13200.0 - 14000.0
5060.0 - 5480.0	14350.0 - 15100.0
5680.0 - 5950.0	15100.0 - 16360.0
6765.0 - 7000.0	17410.0 - 21000.0
21450.0 - 24000.0	

(Many tnx to our correspondent CapitaneXE2Kde for his detailed M12 analysis)

Logs section

Here are the logs for February/March, made by FrankE2Kde, Berlin, sent after March 19th 2006:

4496,00	E06	645(x3)	00000	USB	08.03.06	Wed	1922					
5735,00	S06	471(x3)	00000	USB	08.03.06	Wed	1800					
7641,00	E07	569	127(x2)82(x2)	97731...	USB(?)	16.03.06	Thu	2102				
8011,00	S?	fone,YY(5f),qrm	5	USB(?)	17.03.06	Fri	0600					
7739,00	M?	(4f)	t712	5369	t725	t6t	ar	CW	7.03.06	Tue	0625	
5065,00	M01	i.p.==	991	991	34	34	ttt(end	2122)	CW	13.02.06	Mon	2115
6825,00	M01	i.p.==	789	789	4t	4t	ttt	CW	20.02.06	Mon	1640	
6763,00	M10	i.p.==	789	789	4t	4t	ttt	CW	20.02.06	Mon	1644	
4595,00	M12	i.p.	ttt	ttt	CW	13.02.06	Mon	2145				
7599,00	M12	i.p.	ttt	ttt	CW	15.02.06	Wed	0548				
7852,00	M12	i.p.	ttt	ttt	CW	20.02.06	Mon	1848				
6948,00	M12	i.p.	ttt	ttt	CW	21.02.06	Tue	2003				
5888,00	M12	982(x3)	1	4t3	93	4t3	93 ...	CW	21.02.06	Tue	2021	
7469,00	M12	691(x3)	1	CW	24.02.06	Fri	0540					
5787,00	M12	462(x3)	1	CW	08.03.06	Wed	1816					
5236,00	M12	i.p.	CW	17.03.06	Fri	0503						
7468,00	M12	i.p.	CW	18.03.06	Sat	0542						
5862,00	M13	699(x3)	ttt	CW	20.02.06	Mon	2102					
8150,00	M14	i.p.(5F)	==264	264	1tt	1tt	tttt(end	0515)	CW	5.03.06	Wed	0506
5540,00	M23	555	CW	08.03.06	Wed	1900						
5540,00	M23	555	CW	10.03.06	Fri	1859						
5932,00	M42	(to 2002	qxk)	(?)	21.02.06	Tue	1942					

(Tnx Frank)

E06/07

E06 was monitored on March 26th at 1830 on 6860 kHz in USB with a 0-msg for "690" by CapitaneXE2Kde, then twice on April 12nd by KopfE2Kde, first at 1400 on 13415 kHz with a msg for "160", second one hour later on 11125 kHz (repeat). - E07 at 1700 (same day, same "observer") on 12123 kHz with a 48 group msg for "171". E07's 1940 sked on 6939 kHz on March 2nd can be confirmed by CapitaneXE2Kde, also on March 19th at 1846 on 7697 kHz in AM "..... 93690 000 000" by the same observer.

E10: Analysis, test transmissions, 4-letter-calls, strings, "Good night"

In this period, the E10 analysis was made less active than the last "euphorical" period January/February in the German Branch. 2 analyzers (AlphaE2Kde, Erfurt/Eastern Germany, and KopfE2Kde) did their job sporadically. Maybe, AlphaE2Kde made an updated version of his excellent analysis for the newsletter, but I don't know about it. Via group, he only reported in early March about the usual skeds, especially "PCD" on 4270 at 1930. Both analyzers could monitor, that this special sked more often changed the msgs than in January/February, and that some letter groups are similar to the groups, which were sent before. Also we could find out, that some letters are used more often than others, a fact, which remembers me to the former G04 station, where also special figures were used more often. - But again, there were sent long running msgs, especially one msg was monitored on April 13th, 2030, on 4461 "FTJ" freq, which was first logged in summer last year by Kopf. It was the 58 group msg, beginning with "MIQHU". This phenomemo we all could find very often, that msgs were sent almost a year long regularly or irregularly. On April 18th, DanielE2Kde, Münster/NorthWestern Germany, found a new "FTJ" msg of 44 groups, beginning with "ABAAW" at 2300 on 4460 kHz.

On March 18th, KopfE2Kde could find 2 test transmissions: "ULX1" at 1630 on 4880 kHz and "PCD1" at 1900 on 4270 kHz.

The popular call "FDUM" on 4418 kHz could be found on March 31st at 1846 by FritzE2Kch in Zürich and on April 12th (USB) at 2000 by KopfE2Kde. On March 28th, FritzE2Kch also found the call "HNCX" on 6575 kHz between 1540 and 1544.

The following strings can be confirmed by Germany (Kopf): "MIW A10B11C10" (March 6th, 5230 kHz, nearly at 2000, weak and in USB), "VLB A1Z2B8Z2" (March 19th in USB at 2102 on both freqs – 5170 stronger than 3360), "SYN A1ZZ2B132" (one day later, in the evening hours, on 4648 kHz strong and clear, on 3640 kHz weaker, both in USB). The "GOOD NIGHT" string on March 14th can be confirmed by AlphaE2Kde and KopfE2Kde; more about this special string you can find in the newsletter. FritzE2Kch found the string "MIW A46Z2215B65Z2100" on April 24th at 1845 on 5230 kHz. Some members of the E2K group think, that some strings, which are sent, contain real schedules, like the last string I mentioned. It could mean for example: "You can expect something interesting: 1. on June 4th at 2215Z and 2. on May 6th at 2100Z". Although this is only speculation, it makes sense. 2215Z speaks for a string, 2100Z for a real text msg. The future will show, if it's only speculation or if there is really something interesting on the air.

G06

The 1900 sked on 8055 kHz was heard on April 4th by CapitaneXE2Kde with a msg for "308".

S06

It was heard 2 times by the German Branch: on March 14th at 0810 on 10420 kHz (female) with a msg for "352" by KopfE2Kde and on April 14th at 1500 on 11125 kHz by FritzE2Kch.

S21

It was monitored by DanielE2Kde, Münster/Northwestern Germany, on April 25th at 1847 (in progress) on 4855 kHz with a 32 group msg.

XM "Whales"

The so called "techno" sound can be confirmed by KopfE2Kde, as he heard the same sound on one evening in the late March in the 4-5 MHz range, where it appeared on several freqs quickly after another. - XM was also monitored by DanielE2Kde, Münster/Northwestern Germany, on April 17th at 1638 in SSB on 8708 kHz.

X06

Also this time we have X06 transmissions to report, but most of them were monitored by people out of the German Branch: Richard Ness (RNGB) and Akin from the Conet Project (Akin). Only two come from the German Branch (Daniel and Kopf). Here the X06 stations come in transmission order: 01.03.06: X06 at 1356 till 1359 on 10814 kHz in USB – scale: 412356 (RNGB). Two X06 on 18.03.06 at nearly 1900: 1. 1900 till 1907 on 8131 kHz – scale: 164532 (RNGB), 2. 10193 kHz (no more details) (Akin). 03.04.06: 1602 on 9160 kHz in USB – scale: 532614 (RNGB). 04.04.06: 0808 on 11462 kHz in USB – scale: 165423 (RNGB). 05.04.06: 2200 on 5831 kHz – scale: 164532 (RNGB). 10.04.06: 1915 till 1918 on 6962 kHz in USB – scale: 164532 (RNGB). 17.04.06: 1605 on 14392 kHz with a very strong S9+20 – scale: 532614 (rare sequence) (Daniel). 18.04.06: 2000 on 9067/11501 kHz with two sequences, which sound very similar – scales: 256134 on 9067, 156234 on 11501 kHz (RNGB). 24.04.06: 1000 till 1031 on 10372 with a fair S5 – scale: 431625 (rare sequence). After the signal's stop, the carrier stayed on half a minute, then nothing further heard (Kopf). On the same day 2 other transmissions in the evening (both monitored again by RNGB): 1. 1904 till 1906 on 12195 – scale: 314265 (quite weak), 2. 1904 till 1907 on the popular X06 freq 13506 with the scale: 164532. 28.04.06: 0706 till 0709 on 12091 kHz - scale: 216354 (rare sequence) (RNGB). – Note, that X06 was monitored more frequently in April, and that the scale "164532" was four times on the air in both two months (one time in March and three times in April) – very interesting. It's also interesting, that the freqs of the first "164532" transmissions, which came on March 18th and April 5th, ended with "31". It's also worth to mention, that in April there came some rare sequences, which were not only monitored by Kopf (and RNGB via Kopf), but also by others, who come from out of Germany, as this newsletter will show us. It's great, that the tone scale is also used by some of them, cause it's an easy way to analyze the X06 transmissions. I would be very glad, if PoSW, who also is a very busy X06 monitor, would use this easy 6-tone scale in future. - Many thanks to RNGB, my busiest X06 assistant, Akin and DanielE2Kde for their logs.

XPA

On March It was heard by KopfE2Kde, who heard the 3rd morning sked on March 14th at 0640 on 13523 kHz – as usual with S9+20. Exactly one month later, on Friday, April 14th, KopfE2Kde all three motning skeds and can confirm the break during the 3rd one.

Morse stations

DanielE2Kde heard M01 on March 21st at 2010 on 5020 kHz in CW. Further he writes: "ICW, probably machine sent, speed about 15 wpm, 5fg (i.e.: groups repeated), short zeros. Caught the transmission in progress and recorded until ending at 2011z (5FG groups noted below without repeat): 85143 56018 98053 43643 23918 78952 17190 = = 774 774 30 30 0 0 0". Daniel couldn't ID the station. Thanks to GD, who found out, that it was one of the regular M01 transmissions (hand sent). – CapitaneXE2Kde, our M12 specialist, could also find M01B on April 17th at 2010 on 5336 kHz. – DanielE2Kde also found M10(?) on April 17th at 1632 (in progress) on 5077 kHz in CW. To this station he further writes: "MCW, short zeros, ca. 12 wpm, repeating a sequence over and over again: '31 275 275 275 39 049 049 049 27 435 435 435 32 555 555 555 571 571 571'; strong S9+20". – M12 was not only found by our specialist CapitaneXE2Kde, but also twice by DanielE2Kde: 1. on April 19th at 1724 (i. p.) on 10598 kHz in CW. He writes: "..... extremely strong signal S9+40, ca. 18 wpm ICW, 5fg, short zeros, ending '0 0 0 0 0 0', CL at 1730z. Signal was so strong and clear, that I could read the 5fg directly from the 'Audacity' (recording software) screen". 2. on April 23th at 1925 (i. p.) on 11565 kHz in CW. To this station he writes: "ICW, 5fg, short zeros, strong QSB, ending 1931z '000 000'". - M23 on April 17th at 1635 on 5670 kHz also in CW and also monitored by DanielE2Kde, who further writes to this transmission: "ICW, ca. 12 wpm, repeating '951 951' over and over again; strong signal S9+10". – CapitanexE2Kde also found M24 on April 18th, 1830, on 10710 kHz.

M12 logs section by CapitaneXE2Kde, near Dresden/Eastern Germany

M12 March 2006 Message History

M12 - March 2006 - Monday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
06	1700	6782	749	7263	139	57429	80088	67935	1710
06	2100	6878	747	333	73	72629	42427	10547	2107
06	2120	5944	747	333	73	72629	42427	10547	2127
06	2140	5174	747	333	73	72629	42427	10547	2147
13	2100	6878	747	000					2102
13	2120	5944	747	000					2122

M12 - March 2006 - Tuesday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
07	1920	6856	462	813	132	36146	58188	16653	1930
07	1940	5788	462	813	132	36146	58188	16653	1950
07	2020	6902	894	701	111	98862	64041	20031	2029
07	2040	5436	894	701	111	98862	64041	20031	2049
07	2200	5938	338	000					2202
07	2220	4938	338	000					2222
14	0500	5233	691	2139	139	79046	13087	91162	0510
14	0520	6878	691	2139	139	79046	13087	91162	0530
14	0540	7469	691	2139	139	79046	13087	91162	0550
14	1800	10343	124	2139	139	79046	13087	91162	1810
14	1820	9164	124	2139	139	79046	13087	91162	1830
14	1840	7849	124	2139	139	79046	13087	91162	1850
14	1900	8084	462	2139	139	79046	13087	91162	1910
14	1920	6856	462	2139	139	79046	13087	91162	1930
14	1940	5788	462	2139	139	79046	13087	91162	1950
14	2000	8088	894	544	73	59851	76579	60109	2007
14	2020	6902	894	544	73	59851	76579	60109	2027
14	2040	5434	894	544	73	59851	76579	60109	2047
14	2200	5938	338	946	121	35776	84982	59494	2209
14	2220	7483	148	000					2222
14	2220	4938	338	946	121	35776	84982	59494	2229
14	2240	4038	338	946	121	35776	84982	59494	2249
21	1920	6856	462	1539	141	18835	21477	86290	1930
21	1940	5788	462	1539	141	18835	21477	86290	1950
28	1600	10624	492	9632	135	76538	21006	82683	1610
28	1620	11445	492	9632	135	76538	21006	82683	1630
28	1640	12123	492	9632	135	76538	21006	82683	1650
28	1700	10343	124	9632	135	76538	21006	82683	1710
28	1720	9164	124	9632	135	76538	21006	82683	1730
28	1740	7849	124	9632	135	76538	21006	82683	1750
28	1800	8084	462	9632	135	76538	21006	82683	1810
28	1820	6856	462	9632	135	76538	21006	82683	1830
28	1840	5788	462	9632	135	76538	21006	82683	1850
28	2000	8088	894	142	109	50609	59673	67350	2008
28	2020	6902	894	142	109	50609	59673	67350	2028
28	2020	5434	894	142	109	50609	59673	67350	2048
28	2200	5938	338	000					2202
28	2220	4938	338	000					2222
28	2200	8183	148	000					2202
28	2220	7483	148	000					2222

M12 - March 2006 - Wednesday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
08	0500	5233	691	2984	141	37054	95964	16936	0510
08	0520	6876	691	2984	141	37054	95964	16936	0530
08	1700	6782	749	2984	141	37054	95964	16936	1710
08	1820	6856	462	2984	141	37054	95964	16936	1830
08	1840	5788	462	2984	141	37054	95964	16936	1850
08	2020	7372	557	973	285	19760	79885	70829	2038
22	2020	6768	173	000					2022

M12 - March 2006 - Thursday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
02	1700	6782	749	2513	138	62938	58053	84536	1710
02	1820	6856	462	751	118	69739	96628	81159	1828
02	1840	5788	462	751	118	69739	96628	81159	1848
02	2100	6878	747	000					2102
02	2120	5944	747	000					2122
09	2100	6878	747	000					2102
09	2120	5944	747	000					2122

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
16	2100	6878	747	000					2102
16	2120	5944	747	000					2122

M12 - March 2006 - Friday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
03	2020	6902	894	305	131	68096	96342	79488	2030
03	2040	5436	894	305	131	68096	96342	79488	2030
10	0500	5233	691	3951	138	18458	18966	08576	0510
10	0520	6876	691	3951	138	18458	18966	08576	0530
10	1700	6782	749	3951	138	18458	18966	08576	1710
17	2000	8088	894	544	73	59851	76579	60109	2007
17	2020	6902	894	544	73	59851	76579	60109	2027
17	2040	5436	894	544	73	59851	76579	60109	2047
17	2200	8183	148	493	95	04917	94505	93452	2207
17	2220	7483	148	493	95	04917	94505	93452	2227
17	2240	6883	148	493	95	04917	94505	93452	2247
24	2240	6883	148	640	137	41916	26860	88722	2250

M12 - March 2006 - Saturday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
04	2020	6768	173	000					2022
11	2020	6768	173	000					2022
18	2000	8168	173	000					2002
18	2020	6768	173	000					2022

M12 - March 2006 - Sunday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
05	1920	6856	462	7718	135	42648	82777	78728	1930
05	1940	5788	462	7718	135	42648	82777	78728	1950
05	2023	7372	557	973	285	19760	79885	70829	2038
12	1840	9352	938	9052	141	98028	38013	49428	1850
12	1920	6856	462	9052	141	98028	38013	49428	1930
12	1940	5788	462	9052	141	98028	38013	49428	1950
12	2000	8157	557	311	195	81214	28944	09217	2013
19	1900	8084	462	4196	133	58210	95535	87096	1910
19	1920	6856	462	4196	133	58210	95535	87096	1930
19	1940	5788	462	4196	133	58210	95535	87096	1950
19	1940	9956	557	376	229	64276	73619	47256	1955
19	2000	8157	557	376	229	64276	73619	47256	2015
19	2020	7372	557	376	229	64276	73619	47256	2035
19	2040	7849	124	4196	133	58210	95535	87096	2050
26	1600	6782	749	000					1602
26	1840	5788	462	7419	137	46495	03799	71024	1850

M12 April 2006 Message History

M12 - April 2006 - Monday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
10	1500	8181	482	000					1502
10	1520	6781	482	000					1522
17	1800	10343	124	3036	125	73166	77615	04676	1810
17	1820	9264	124	3036	125	73166	77615	04676	1830
17	1840	8116	124	3036	125	73166	77615	04676	1850
24	1900	11468	450	205	75	62451	15213	99754	1907
24	1920	10518	450	205	75	62451	15213	99754	1927
24	1940	9042	450	205	75	62451	15213	99754	1947

M12 - April 2006 - Tuesday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
04	0400	5233	691	8274	133	05517	24158	52528	0410
04	0420	6878	691	8274	133	05517	24158	52528	0430
04	0440	7469	691	8274	133	05517	24158	52528	0450
04	0500	10338	315	000					0502
04	1600	10624	492	8274	133	05517	24158	52528	1610
04	1620	11445	492	8274	133	05517	24158	52528	1630
04	1640	12123	492	8274	133	05517	24158	52528	1650
04	1700	10343	124	8274	133	05517	24158	52528	1710
04	1720	9164	124	8274	133	05517	24158	52528	1730
04	1740	7849	124	8274	133	05517	24158	52528	1750

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
04	1800	8084	462	711	156	90283	10693	09986	1812
04	1820	6856	462	711	156	90283	10693	09986	1832
04	1840	5788	462	711	156	90283	10693	09986	1852
11	1900	10343	124	1195	109	07798	95864	68741	1908
11	1920	9264	124	1195	109	07798	95864	68741	1928
11	1940	8116	124	1195	109	07798	95864	68741	1948
11	2100	6934	975	000					2102
11	2120	5734	975	000					2122
18	0420	8029	890	393	171	58841	03161	09398	0432
18	0500	10338	315	000					0502
18	1644	11491	???						1649
18	1700	14372	317	9913	100	26429	33752	48437	1708
18	1720	13461	317	9913	100	26429	33752	48437	1728
18	1740	12114	317	9913	100	26429	33752	48437	1748
18	1800	11435	938	8487	102	34547	55707	74046	1808
18	1820	10598	938	8487	102	34547	55707	74046	1828
18	1840	9327	938	8487	102	34547	55707	74046	1848
18	1900	10343	124	4860	104	26761	52294	39675	1908
18	1920	9264	124	4860	104	26761	52294	39675	1928
18	1940	8116	124	4860	104	26761	52294	39675	1948
18	1944	9042	???						1959
18	2100	6934	975	000					2102
18	2120	5434	975	000					2122
18	2120	6817	417	000					2122
25	1600	13386	725	5368	117	48241	43613	35616	1609
25	1620	12189	725	5368	117	48241	43613	35616	1629
25	1640	11491	725	5368	117	48241	43613	35616	1649
25	1700	14377	317	9295	109	03032	42711	27377	1708
25	1720	13461	317	9295	109	03032	42711	27377	1728
25	1740	12114	317	9295	109	03032	42711	27377	1748
25	1800	11435	938	327	165	03343	16972	65467	1811
25	1820	10598	938	327	165	03343	16972	65467	1831
25	1840	9327	938	327	165	03343	16972	65467	1951
25	1900	11468	450	205	75	32451	15213	99754	1907
25	1920	10518	450	205	75	32451	15213	99754	1927
25	1940	9042	450	205	75	32451	15213	99754	1947
25	1900	10343	124	4070	112	26533	94780	35603	1908
25	1920	9264	124	4070	112	26533	94780	35603	1928
25	1940	8116	124	4070	112	26533	94780	35603	1948
25	2100	7817	417	000					2102
25	2120	6817	417	000					2122
25	2100	6934	975	000					2102
25	2120	5734	975	000					2122

M12 - April 2006 - Wednesday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
05	1600	6782	749	1953	134	79482	57888	42990	1610
05	1620	7657	749	1953	134	79482	57888	42990	1630
05	1640	8173	749	1953	134	79482	57888	42990	1650
05	1900	11156	191	000					1902
05	1920	9956	191	000					1922
12	1900	11157	191	825	233	46800	31904	87413	1916
12	1920	9956	191	825	233	46800	31904	87413	1936
12	1940	8156	191	825	233	46800	31904	87413	1956
12	1926	15476	???						1936
12	1826	5788	???						1829
12	1940	9956	557	297	283	23690	62603	55992	1958
12	2000	8157	557	297	283	23690	62603	55992	2018
12	2020	7372	557	297	283	23690	62603	55992	1958
19	1700	11435	938	2996	131	17639	22328	37683	1709
19	1720	10598	938	2996	131	17639	22328	37683	1729
19	1740	9327	938	2996	131	17639	22328	37683	1749
19	1800	12162	546	5836	133	85506	10634	07008	1809
19	1820	11566	546	5836	133	85506	10634	07008	1829
19	1840	10711	546	5836	133	85506	10634	07008	1849
19	1900	11156	191	000					1902
19	1920	9956	191	000					1922
19	2042	9489	128	731	325	66139	62000	65652	2054
26	1700	11435	938	8877	142	82714	45195	91554	1710
26	1720	10598	938	8877	142	82714	45195	91554	1730
26	1740	19327	938	8877	142	82714	45195	91554	1750
26	1800	12162	546	963	154	44485	36116	85524	1811

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
26	1820	11566	546	963	154	44485	36116	85524	1831
26	1849	10711	546	963	154	44485	36116	85524	1851
26	1940	12212	128	298	311	18559	19325	16291	1959
26	2005	11125	128	298	311	18559	19325	16291	2023
27	2030	9489	128	298	311	18559	19325	16291	2049

M12 - April 2006 - Thursday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
06	1700	8084	462	2936	140	83067	00468	78868	1710
06	1720	6856	462	2936	140	83067	00468	78868	1730
06	1740	5788	462	2936	140	83067	00468	78868	1750
06	1800	10343	815	2936	140	83067	00468	78868	1810
06	1820	9164	815	2936	140	83067	00468	78868	1830
06	1840	7849	815	2936	140	83067	00468	78868	1850
06	1900	14372	317	2936	140	83067	00468	78868	1910
06	1920	13456	317	2936	140	83067	00468	78868	1930
06	1940	12104	317	2936	140	83067	00468	78868	1950
06	1944	14710	???	???	???				1944
13	1900	10343	124	5471	112	61633	02417	77329	1908
13	1920	9264	124	5471	112	61633	02417	77329	1928
13	1940	8116	124	5471	112	61633	02417	77329	1948
13	1943	14710	???						1944
20	1600	14377	317	3849	107	77150	08840	09385	1608
20	1620	13461	317	3849	107	77150	08840	09385	1628
20	1640	12114	317	3849	107	77150	08840	09385	1648
20	1700	11435	938	327	165	03343	16972	65467	1711
20	1720	10598	938	327	165	03343	16972	65467	1731
20	1740	9327	938	327	165	03343	16972	65467	1741
20	1800	13386	816	702	93	61107	69394	25016	1807
20	1820	12189	816	702	93	61107	69394	25016	1827
20	1840	11491	816	702	93	61107	69394	25016	1847
20	1900	10343	124	4953	114	00033	80394	86421	1908
20	1920	9264	124	4953	114	00033	80394	86421	1928
20	1940	8116	124	4953	114	00033	80394	86421	1948
27	1700	11435	938	6051	105	91747	22257	85122	1708
27	1720	10598	938	6051	105	91747	22257	85122	1728
27	1740	9327	938	6051	105	91747	22257	85122	1748
27	1800	13386	816	702	93	61107	69394	25016	1807
27	1820	12189	816	702	93	61107	69394	25016	1827
27	1840	11491	816	702	93	61107	69394	25016	1847

M12 - April 2006 - Friday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
21	1900	11468	450	187	87	21823	00123	72615	1907
21	1907	11468	450	1254	235	51490	37846	11224	1924
21	1929	10518	450	187	87	21823	00123	72615	1936
21	1936	10518	450	1254	235	51490	37846	11224	1954
21	1959	9042	450	187	87	21823	00123	72615	2006
21	2006	9042	450	1254	235	51490	37846	11224	2023

M12 - April 2006 - Saturday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
08	1900	11156	191	941	105	02456	02124	82553	1908
08	1920	9956	191	941	105	02456	02124	82553	1928
08	1940	8156	191	941	105	02456	02124	82553	1948
29	1900	11156	191	741	205	44359	94901	97073	1913
29	1920	13382	931	000					1922

M12 - April 2006 - Sunday Logs

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
02	0600	6850	814	000					0602
02	1600	6782	749	000					1602
02	1620	7657	749	000					1622
02	1640	8173	749	000					1642
02	1700	11438	938	5903	138	54323	03805	27910	1710
02	1720	10569	938	5903	138	54323	03805	27910	1730
02	1740	9352	938	5903	138	54323	03805	27910	1750
02	1800	8084	462	5903	138	54323	03805	27910	1810
02	1820	6856	462	5903	138	54323	03805	27910	1830
02	1840	5788	462	5903	138	54323	03805	27910	1850

Date	UTC	QRG	ID	Head	Count	1. Group	2. Group	3. Group	End
02	1900	10343	124	725	139	05067	52875	14426	1910
02	1920	9164	124	725	139	05067	52875	14426	1930
02	1940	7849	124	725	139	05067	52875	14426	1950
09	0640	9239	261	346	100	57907	93420	76522	0647
09	0700	10639	261	346	100	57907	93420	76522	0707
09	1600	6782	749	000					1602
09	1700	11438	938	4917	136	19196	43769	70974	1710
09	1720	10569	938	4917	136	19196	43769	70974	1730
09	1740	9352	938	4917	136	19196	43769	70974	1750
09	1800	8084	462	4917	136	19196	43769	70974	1810
09	1820	6856	462	4917	136	19196	43769	70974	1830
09	1840	5788	462	4917	136	19196	43769	70974	1850
09	1940	9956	557	297	283	23690	62603	55992	1958
09	2000	8157	557	297	283	23690	62603	55992	2018
09	2020	7372	557	297	283	23690	62603	55992	2038
16	1820	10598	938	5514	124	67777	55137	53881	1829
16	1940	9956	557	731	325	66139	62000	65652	2001
16	2011	8157	557	731	325	66139	62000	65652	2032
16	2036	7372	557	731	325	66139	62000	65652	2057
23	0640	9239	261	917	34	62128	66122	95355	0644
23	0700	10639	261	917	34	62128	66122	95355	0704
23	0720	12139	261	917	34	62128	66122	95355	0724
23	1700	13386	725	4821	111	03273	25086	88345	1709
23	1720	12189	725	4821	111	03273	25086	88345	1729
23	1740	9327	725	4821	111	03273	25086	88345	1749
23	1800	11435	938	3695	120	99530	09169	14288	1809
23	1820	10598	938	3695	120	99530	09169	14288	1829
23	1840	9327	938	3695	120	99530	09169	14288	1849
23	1900	12162	546	963	154	44485	36116	85524	1911
23	1920	11566	546	963	154	44485	36116	85524	1931
23	1940	10711	546	963	154	44485	36116	85524	1951
23	1940	12212	128	298	311	18559	19325	16291	1959
23	2005	11125	128	298	311	18559	19325	16291	2024
23	2031	9489	128	298	311	18559	19325	16291	2050

(Tnx CapitaneX)

UTC			QRG			ID	Mon	Tue	Wed	Thu	Fri	Sat	Sun
0340	0400	0420			8029	890		X					
0440	0500	0520		10338		315		X					
0600	0620	0640	6850			814							X
0640	0700	0720	9239	10639		261							X
1500	1520	1540	8181	6781		482	X						
1600	1620	1640	13386	12189	11491	725		X					
1700	1720	1740	14372	13461	12114	317		X					
1700	1720	1740	11435	10598	9327	938			X	X			
1700	1720	1740	13386	12189	11491	725	X						X
1800	1820	1840	12162	11566	10711	546			X				
1800	1820	1840	11435	10598	9327	938		X		X			X
1800	1820	1840	13386	12189	11491	816				X			
1800	1820	1840	10343	9264	8116	124	X			X			
1800	1820	1840		5788		???			X				
1900	1920	1940	11156	9956	8156	191			X			X	
1900	1920	1940	14372	13456	12104	317				X			
1900	1920	1940			14710	???				X			
1900	1920	1940		15476		???			X				
1900	1920	1940	11468	10518	9042	450		X			X		
1900	1920	1940	10343	9264	8116	124		X		X			
1940	2000	2020	9956	8157	7372	557			X				X
2100	2120	2140	6934	5734		975		X					
2100	2120	2140		6817		417		X					

Logs section by FritzE2Kch, Zürich/Switzerland

Note, that he didn't only log Morse, but also voice stations.

OBSERVATIONS MARCH/APRIL 2006

M01

TUE	14.3.	1800 2000	5473 5020	463 315 30 463 526 30
WED	1.3. 5.4.	1620 1620	7722 7722	584 301 40 298 801 38
THU	16.3.	1800 2000	5473 5020	463 480 30 463 185 30
FRI	3.3. 10.3.	1320 1615 1615	7722 5810 5810	584 331 40 158 787 33 158 787 33
SAT	11.3. 18.3.	1500 1500	6260 6260	463 564 30 463 045 30

M01A

MON	13.3.	1045	7365	i.p. ...= 530 10 44275 111 000
TUE	14.3.	1535	5259	i.p. ... 111 333 20 333 20 333 21 000
WED	15.3.	1508 1520 2010	5275 5736 4029	i.p. i.p. i.p.
THU	30.3.	1255	10822	i.p.
FRI	17.3.	1626	4887	i.p.

M01B

MON	13.3. 3.4. 6.4. 24.4.	2110 2010 1508 2010	4991 4991 5940 4991	298 789 35 298 801 38 i.p. ... = = 412 412 36 36 000 298 801 38
TUE	21.3.	1820	4848	210 171 23
THU	6.4. 13.4.	2032 2032	5735 5735	302 801 38 302 801 38
FRI	3.3. 10.3. 17.3. 7.4. 7.4.	1820 1820 1820 1820 2102	4848 4141 4141 4848//4141 5443	210 123 26 210 123 26 210 459 46 210 171 23 271 801 38

M03, M03C

MON	13.3.	0700 0900 0845	4958 7772 6849	040/00 976/00 554/33 == 77777 77777 16663 31439 ...
	27.3. 10.4.	1830 0845 0900	4009 6849 7772	121/24 554/31 == 77777 77777 32333 71731 ... 971/34 == 77777 77777 29008 ...
TUE	14.3. 21.3. 28.3.	0745 0815 0730 1830	10728 5082 4870 4073	503/00 211/00 041/00 121/25
WED	1.3.	0730 0945 1315	6941 5815 5815	508/00 211/00 049/51 == 47367 55063 ...

		1500	5358	049/51 == 47367 55063 ...
	5.4.	1930	4009	121/22 == 31908 61777 ...
THU	2.3.	0845	12397	503/00
	6.4.	1830	4073	121/22 == 31908 61777 ...
FRI	3.3.	1100	7984	508/00
	10.3.	0730	6814	040/00
		0800	4958	041/00
		1100	7984	508/00
		2000	5176	121/25 == 53846 05744 ...
	24.3.	0845	6849	552/00
	7.4.	0915	8196	284/00
		1930	4073	121/25 == 62011 01671 ...
	14.4.	0845	6849	554/31 == 77777 77777 32333 71731 ...
SAT	11.3.	0800	8186	624/00
		0915	8196	284/00
		1630	6252	287/00
		2030	4356	121/23 == 12793 25593 ...
M10				
MON	10.4.	0615	14563	555 473 22 636 35
	13.3.	1140	5946//9165	555 583 34 684 41
	20.3.	1340	5946//9165	555 305 37 028 39
	13.3.	1410	8175	555 585 33 772 34
		1500	9385//5946	555 583 34 684 41
	20.3.	1610	7605//5028	555 411 32 957 29
	13.3.	1630	7745//5079	555 271 40 275 17 049 23 435 27
	20.3.	1700	5079//8112	555 305 37 028 39
	13.3.	1820	4835	555 583 34 684 41
	20.3.	1920	10125//5946	555 051 22 278 24
	13.3.	2100	4783//3523	555 965 23 167 30
	27.3.	2200	3523//4485	555 230 21 282 31
	3.4.	2200	5946	555 883 24 533 22
TUE	11.4.	0615	14563	555 473 22 636 35
	14.3.	1140	9165//5946	555 583 34 684 41
	21.3.	1340	5946//9165	555 305 37 028 39
	14.3.	1410	8175	555 585 33 772 34
		1500	9385//5946	555 583 34 684 41
		1640	7605//11416	555 625 36 283 32
	21.3.	1700	5079//8112	555 305 37 028 39
	28.3.	1820	4835	555 254 23 169 35
	14.3.	1950	9165//7745	555 208 40
WED	12.4.	0615	14563	555 473 22 636 35
	22.3.	0800	5078//8190	555 576 30 286 37
	1.3.	0840	14445	555 874 31 365 20
	22.3.	1200	8143	555 913 35 862 30
	1.3.	1630	7746//5079	555 571 33 275 18 049 21 435 33
	22.3.	1700	5917	555 576 30 286 37
		1900	4031//6758	555 576 30 286 37
	5.4.	1940	8190//12295	555 816 32 514 24
	15.3.	2100	3523//4783	555 965 23 167 30
THU	6.4.	0615	14653	555 587 19 678 25
	23.3.	0800	8190//5079	555 576 30 286 37
	2.3.	0840	14445	555 874 31 365 20
	13.4.	1200	12227//8143	555 924 41 592 35
	2.3.	1440	14445	555 653 29 586 28
		1530	14563	555 653 29 586 28
	23.3.	1700	5917	555 576 30 286 37
		1800	5946//6369	555 411 33
	16.3.	1840	14377	555 617 30 044 22
	23.3.	1900	4031//6758	555 576 30 286 37
	2.3.	1940	8190	555 874 31 365 20
	16.3.	1950	9165//7745	555 514 35
FRI	3.3.	1440	14445	555 653 29 586 28
		1530	14445	555 653 29 586 28
	17.3.	1720	11416	555 662 26
SAT	8.4.	0615	14563	555 587 19 678 25
	11.3.	0700	9165//5946	555 838 28
	4.3.	1630	7745//5079	555 571 25 275 32 049 37 435 21

		1950	7745//9165	555 351 42
SUN	5.3.	1610	7605//5028	555 033 30 267 40
		1630	7746//5079	555 571 25 275 32 049 37 435 21
		1800	9369//5946	555 680 33
	19.3.	1920	10125	555 051 32 278 32

M11

MON	3.4.	0900	5019	111 54897 19 71845 20 55263 18 29825 17
TUE	4.4.	0900	5019	111 54897 19 71845 20 55263 18 29825 17
WED	15.3.	0800	7891 i.p.	111 19397 04 56125 03
THU	6.4.	0900	5019	111 54897 19 71845 20 55263 18 29825 17
FRI	10.3.	0916	5019 i.p.	
	7.4.	0900	5019	111 54897 19 71845 20 55263 18 29825 17

M12

March

April

MON	1700/20/40	6782/7657/8173	13.3.	749 1	
	2100/20	6878/5944	13.3.	747 000	
	1800/20/40	10624/11445/12133	27.3.	492 1 3609 135	3.4. 492 1 7634 135
	1500/20	8181/6781/5381			24.4. 481 1 783 47
	1800/20/40	10343/9264/8116			10.4. 124 1 5914 110
	1900/20	13965/13382			10.4. 931 000
	1900/20/40	11468/10518/9042			24.4. 450 1 205 75
TUE	1700/20/40	10624/11445/12133	14.3.	492 1 2139 139	
	1800/20/40	10343/9164/7849	14.3.	124 1 2139 139	
	1900/20/40	8084/6856/5788	14.3.	462 1 2139 139	
	2000/20/40	8088/6902/5436	14.3.	894 1 544 73	
	1600/20/40	10624/11445/12133	28.3.	492 1 6932 135	
	1800/20/40	8084/6856/5788	28.3.	462 1 6932 135	
	1900/20/40	10343/9264/8116			11.4. 124 1
WED	0800/20/40	8056/9378/10467	1.3.	815 1 2076 140	
	1700/20/40	6782/7657/8173	1.3.	749 1	
	1900/20/40	10343/9164/7849	1.3.	124 1 2076 140	
	1940/2000/20	9956/8157/7372	15.3.	557 1 311 195	12.4. 557 1 297 283
	2000/20/40	8168/6768/	15.3.	173 000	
	1600/20/40	6782/7657/8173	29.3.	749 1 1738 140	
	1700/20/40	8084/6856/5788	29.3.	462 1 1738 140	5.4. 462 1 1953 134
	1800/20/40	10343/9164/7849	29.3.	124 1 725 139	5.4. 124 1 1953 134
	1900/20/40	11156/9956/8156			12.4. 191 1 825 233
	1700/20/40	11435/10598/9327			26.4. 938 1 8877 142
	1800/20/40	12162/11566/10711			26.4. 546 1 963 154
	1940/2005/30	12212/11125/9489			26.4. 128 1 298 31
THU	1700/20/40	6782/7657/8173	2.3.	749 1	
	1900/20/40	10343/9164/7849	2.3.	815 1 2513 138	
	1800/20/40	8084/6856/5788	16.3.	462 1 4826 138	
	2100/20/40	6878/5944	16.3.	747 000	
	0530	10317	30.3.	911 000	
	1600/20/40	6782/7657/8173	30.3.	749 1	
	1700/20/40	8084/6856/5788	30.3.	462 1 711 156	
	1800/20/40	10343/9164/7849	30.3.	815 1 542 67	6.4. 815 1 2936 140
	1500/20/40	8181/6781/			13.4. 481 000
	1800/20/40	13386/12189/11491			13.4. 816 1 6319 110
	1900/20/40	10343/9264/8116			13.4. 124 1 5471 112
FRI	1700/20/40	6782/7657/8173	3.3.	749 1	
	2000/20/40	8088/6902/5436	3.3.	894 1 305 131	
	2200/20/40	8183/7483	31.3.	148 000	
	1900/29/59	11468/10518/9042			21.4. 450 2 187 87 1254 235
SAT	2000/20/40	8168/6768/	4.3.	173 000	
	1700/20/40	6782/7657/8173	18.3.	749 1	
	1900/20/40	10343/9164/7849			9.4. 124 1 4917 136
SUN	1800/20/40	11438/10569/9352	5.3.	938 1 7718 135	
	1900/20/40	8084/6856/5788	5.3.	462 1 7718 135	
	2000/20/40	8157/7372/	5.3.	557 1 973 285	
	2000/20740	10343/9164/7849	5.3.	124 1 7718 135	

1600/20/40	6782/7657/8173	26.3.	749 000	
1700/20/40	6782/7657/8173	19.3.	749 000	
1800/20/40	8084/6856/5788	26.3.	462 1 7419 137	2.4. 462 1
1900/20/40	10343/9164/7849			2.4. 124 1 725 139

M14, M24

MON	13.3.	1515	6755	923 00000	
TUE	28.3.	1905	5420	i.p.	
	11.4.	0800	7395	362 000	
		1900	12125	015 739 104	M24
WED	26.4.	1920	5474	537 180 32	
THU	16.3.	2000	10780	039 283 140	M24
	23.3.	0800	10820	742 00000	
	30.3.	1900	5420	509 167 43	
FRI	7.4.	1827	6925	i.p.	
		1900	9060	578 00000	
		1900	5420	509 358 47	
SAT	18.3.	1400	9260	015 684 113	M24
		1430	10450	015 684 113	M24
SUN	9.4.	1820	6925	410 758 43	
		1900	5420	509 738 41	

M23

MON	13.3.	1630	5670	951 R10
		1430	14450	555 R10
	3.4.	1430	14450	555 R10
	10.4.	1500	14450	22222 R10
		1630	5670	951 R10
	17.4.	1500	14450	22222 R10
TUE	14.3.	1630	5670	951 R10
		1430	14450	555 R10
	11.4.	1430	14450	555 R10
		1630	5670	951 R10
WED	15.3.	1630	5670	951 R10
		1430	14450	555 R10
	5.4.	1430	14450	555 R10
	12.4.	1500	14450	22222 R10
		1630	5670	951 R10
THU	2.3.	1630	5670	951 R10
		1430	14450	555 R10
	6.4.	1430	14450	555 R10
		1630	5670	951 R10
FRI	3.3.	1630	5670	951 R10
		1430	14450	555 R10
	10.3.	1900	5540	555 R10
	7.4.	1430	14450	555 R10
SAT	4.3.	1630	5670	951 R10
	11.3.	1900	5540	555 R10
	8.4.	1630	5670	951 R10
SUN	5.3.	1630	5670	951 R10
	12.3.	1430	14450	555 R10
		1900	5540	555 R10
	2.4.	1430	14450	555 R10
		1630	5670	951 R10

M45

TUE	14.3.	1802	4555//4955	555 371 30
THU	23.3.	1802	4555//4955	555 371 30

M50

FRI	10.3.	1510	7722	587 642 50
		1610	7722	587 642 50

M76

MON	13.3.	1750	3280	5SNC de SJRP QTC ..1 17 = ...
THU	23.3.	0500	3280	GNSF de YLFQ de 557 29 = ... (op error, should read QTC)
FRI	17.3.	0500	3280	MAKW de R5ZÜ QTC 531 24 = ...
SUN	12.3.	1750	3280	... de J2F9 QTC 519 29 = ...

S30

SAT	4.3.	1530	5448
	18.3.	2035	3757

S32

SAT	4.3.	1521	5474
	17.3.	1810	3829

XM

WED	12.4.	1515	4034	was all day up
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(Tax Fritz)

Article in "Financial Times Germany": "Spying made easy"

On April 7th, this article appeared in the weekend edition of the German "Financial Times" newspaper. It was made by Kristina Allgöwer. For this article also KopfE2Kde was interviewed, who informed Paul Beaumont, who gave also an interview. Unfortunately, Paul's statements are not published in the article, [*in précis only*] but ENIGMA2000 is mentioned there. I think, this time it was made right, that only Paul, the E2K moderator, was informed and gave an interview for E2K. This procedure will be continued. If some others want an interview by me [Kopf], I will only inform Paul about it. My interview with FTD was also the reason for me to come in personal contact with Paul via telephone, cause he left me his phone number to give it to Miss Allgöwer. – In her article, she didn't only write about numbers station monitors, but also about planespotters and spy-sat trackers. The whole article you can also find online. In German at www.financial-times.de/politik/deutschland/63324.html

In English in the 'Files' section of E2K. During my interview with Miss Allgöwer, I asked her for permission to translate this article for E2K, which was made by Gary Hagermann, Bristol. Thanks dear friend – also for your good statements about our German Branch, which you expressed via E2K group.

Historical book about the BND

On April 11st, CarlozE2Kde, Saarlouis/Southwestern Germany, reported via group about a historical book about the BND, which you can find at www.bnd-standortpullach.de
 The author, Andreas Magdanz, created a photo project, which deals with the history of the BND for more than 40 years. The title "The BND – QTH Pullach – a historical review over 40 years of the BND". After Carloz informed us, I mailed to Mr. Magdanz, if he also mentions numbers stations of the BND in his book, but he answered, that he can't say anything about this. Because of this reaction, which came soon after my request, some of us speculated, if Mr. Magdanz is a member of the BND staff or not.

That was the long German Branch report for E2K NL 34. Hopefully, we can report about the inofficial German ENIGMA meeting in the next edition. Till then "Auf Wiederhören" and „good bye" Jochen Schäfer, manager [Kopf] E2K German Branch

VOICE STATIONS

E03/E03a

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

E06

RNGB found: Weds at 1500/1600z on 13435/11427kHz with '924' 624 115 69006 etc

4830kHz 2200z	15/03[569 127 82 99731.. 00000 2218z]FredNL
5186kHz 2030z	06/04[891 270 35 27819..00000] 2041z FredNL
5197kHz 2133z	03/03[634 473 34 82022.. 0 0 0 0 0 2124z]FredNL
5406kHz 1930z	05/03[690 428 111 52342..]FredNL
1930z	19/03[690 0000]FredNL

6860kHz 1830z 05/03[690 428 111 52342..]FredNL
 1830z 19/03[690 00000]FredNL
 6970kHz 1930z 16/04[690 00000] 1934z FredNL

5186kHz 2030z 16/01 16/03 891 734 33 49497.. 0 0 0 0 0 2041z
 Message contents:
 49497 49967 97488 91081 63295 53401 76048 94456 56438 62326
 97529 37643 32424 50637 41424 97667 55332 62630 45162 05082
 29694 98792 95282 34482 14298 61168 30881 52008 83999 08237
 27911 60545 93306 [FredNL]

RNGB's E06 Log for March:

1st March 1405	11430	'457' 00000	
	1505	9210	'457' 00000
	2100	7840	'569' 00000
	2200	6830	'569' 00000
5th	1830	6860	'690' 428 111 52342
	1930	5405	'690' repeat
8th	1500	13435	'924' 624 115 69006
	1600	11427	'924' repeat
15th	2100	7840	'569' 127 82 97731
	2200	6830	'569' repeat
16th	0600	13420	'345' 279 135 08903
17th	2130	5197	'634' 473 34 82022 (all read slowly)
19th	1830	6860	'690' 00000
21st	1910	5795	'654' 182 97 41643
	2010	4480	'654' repeat
	2000	8015	'357' 296 70 47610
	2100	6910	'471' 293 86 29935
28th	2000	8170	'471' 569 72 94956

0500/0600z 20/04 on 12210/14890kHz with '680' 00000 RNGB
 1800/1900z 20/04 on 10669/8143kHz with '258' 639 25 55542 etc RNGB

PoSW provides detail to schedule and intercepts:

Sunday 1830 + 1930 UTC Schedule, always has call "690";-

5-Mar-06;- 1830 UTC, 6,860 KHz, calling "690" for a full message transmission, DK/GC "428 428 111 111", "52342 06251 82640 29231.....", S9+ signal, lower sideband well suppressed, really good modulation with deep audio. Carrier with tone was up 1823z.
 1930 UTC, 5,405 KHz, second sending, strong signal - and the same two frequencies were used in March last year.
 6-Mar-06, Monday;- 1930 UTC, 5,405 KHz, next day repeat of yesterday's full message, second sending, forgot to listen for the first!
 Strong signal but QRM from 2-way SSB traffic 2KHz lower which was more interesting than E06. English language, British accent OM voices, sounded like RAF air interception exercise of the type that was often heard during the Cold War years, hadn't realised that this kind of thing was still going on - or is Ivan still sending those bloody great four engine turbo-prop recon. aeroplanes to intrude British airspace and test the response of our airforce? Very strong base station with much weaker stations replying, presumably airborne, mention of speeds, course headings etc.
 12-Mar-06;- 1830 UTC, 6,860 KHz and 1930 UTC, 5,405 KHz;- "690 690 690 00000"
 19-Mar-06;- 1830 UTC, 6,860 KHz, "690 690 690 00000", signal strength peaking S9, lower sideband well suppressed.
 26-Mar-06;- 1830 UTC, 6,860 KHz, "690 690 690 00000", very strong, S9+ signal with lower sideband well suppressed and deep modulation - E07 please take note and copy! First day of British Summertime, hooray! As expected has stayed on UTC and so turns up one hour later local time.
 1930 UTC, 5,417 KHz - previous loggings have been on 5,405 KHz - second sending.
 2-Apr-06;- 1830 UTC, 8,020 KHz, "690 690 690 00000", strong signal, lower sideband well suppressed. Second sending 1930 UTC, 6,970 KHz, close to Hebrew language broadcaster on 6,973. Continues to use same or very close frequencies as in same month in 2005.
 9-Apr-06;- 1830 UTC, 8,020 KHz, "690 690 690 00000".
 16-Apr-06;- 1830 UTC, 8,020 KHz and 1930 UTC, 6,970 KHz with BC QRM, "690 690 690 00000", not much trade for poor old "690" these days!

First + Third Wednesday in the Month Schedule;-

1-Mar-06;- 2100 UTC, 7,840 KHz, "569 569 569 00000", very strong signal, lower sideband well suppressed. Carrier found up at 2041 UTC, tone at 2047z and a single spoken "569" 2049z.
 2200 UTC, 6,830 KHz, "569 569 569 00000", second sending, S9+, lower sideband well suppressed.
 15-Mar-06 - third Wednesday in the month - 2100 UTC, 7,840 KHz, calling "569" for a full message, DK/GC "127 127 82 82", "97731 73335 92972 04409.....".
 2200 UTC, 6,830 KHz, "569" and "127 127 82 82", second sending, noisy frequency but E06 generally over-riding the QRM.
 16-Mar-06, Thursday;- 2200 UTC, 6,830 KHz, second sending of the "next day" repeat of yesterday's full message.

5-Apr-06;- first Wednesday in April but I could find no sign of this schedule despite a lot of searching at both 2100 and 2200 UTC. By way of compensation there was another E06 heard just after 2005z, see below.

19-Apr-06;- 2100 UTC, 9,310 KHz, I don't know why I couldn't find this schedule on the 5th but there was no problem today, carrier noted 2054z. Calling "983", DK/GC "257 257 139 139", strong signal. "98496 00851 75136 58334 92508....."

2200 UTC, 7,560 KHz, second sending, S9 signal, slight sideband splash QRM from a broadcast station on the LF side.

20-Apr-06, Thursday;- 2100 UTC, 9,310 KHz and 2200 UTC, 7,560 KHz, the next day repeats of "983", even stronger than yesterday, both S9+.

First + Third Fridays in the Month Schedule:-

3-Mar-06;- 2130 UTC, 5,197 KHz, calling "634" for a full message transmission, DK/GC "473 473 34 34", "82022 43561 15467 86324.....", signal strength S7-S8, lower sideband well suppressed. Ended after 2141z with DKDK GCGC and 5 x well spaced "zero". Was on in the region of 4,760 KHz in Jan. and Feb. and in Dec. 2005 Never managed to find another sending for this one, perhaps split between two days like the related Thursday 1830z and Friday 1930z G06 German YL.
17-Mar-06;- 2130 UTC, 5,197 KHz, "634" and "473 473 34 34", as on the 3rd.

7-Apr-06;- 2130 UTC, 5,197 KHz, call "634" - same frequency and call as in March - DK/GC "580 580 32 32", strong signal, lower sideband well suppressed, "45918 33672 48214 54419.....". Carrier was up when checked almost half an hour earlier at 2101z. Ended 2140z with DKDK GCGC and five spaced, slow "zero". Stays on UTC so now on at 10.30 PM instead of 9.30 in the winter months.

21-Apr-06;- 2130 and 25 seconds UTC, started late, 5,197 KHz, "634" and "580 580 32 32", same as when heard on the 7th. Was warming up at 2110 UTC - and was playing music! Modern club/dance type, vocals appeared to be in Russian although one track was in English. Similar kind of thing was noted with the related G06 German transmission on 10-February, also a Friday.

Other E06:-

22-Mar-06, Wednesday;- 2107 UTC, 6,910 KHz, E06 in progress with full message. Ended 2119z with "293 293 86 86" and 5 normal "zero". Not part of the known first + third Wednesday schedule, today is the fourth Wednesday in the month. Was not found on the following day so may be the "next day repeat" of a Tuesday transmission.

23-Mar-06, Thursday;- 2100 UTC, 6,780 KHz and again, 2200 UTC, 5,350 KHz, "502 502 502 00000", not the E06 heard yesterday.

5-Apr-06, Wednesday;- 2005 UTC, 9,260 KHz - unable to find the expected first Wednesday 2100 + 2200z schedule, but this was found earlier with a full message in progress, weak signal for an E06, S3 to S4 only, propagation not too good this evening. Ended 2009z with "956 956 28 28 00000", short message, must have started on the hour. Could not find on the following day so may itself have been the "next day repeat" of a Tuesday transmission.

6-Apr-06, Thursday;- 2035 UTC, 5,186 KHz, transmission in progress, close to a strong carrier, ended after 2040z with "270 270 35 35" and 5 x spaced, slow "zero" - just like the E06 heard on the first and third Fridays at 2130z. So I assumed that this was connected with the Friday transmission but it wasn't, the E06 on the 7th had a different 5F message.

20-Apr-06, Thursday;- 2030 UTC - and 30 seconds or so, started well after the half hour - 5,186 KHz, calling "891", DK/GC "270 270 35 35", same as when heard on the 6th. "27819 45681 19745 91081.....". Difficult copy in AM mode due to a strong "XJT" which has taken up residence close to this frequency, was not there on the 6th, much better copy with the receiver in USB. Ended with slow zeroes. Looks like a first and third Thursdays in the month schedule. [Tnx PoSW]

RNGB April Logs [credit to others appended]

4 th April	1300	11120	'147' 00000	
5 th	1405	12190	'457' 00000	
	1505	10560	'457' 00000	
	2100	7720	'471' 956 28 groups	
6 th	0600	14890	'680' 00000	
	2000	5186	Test Transmission, counting 1 to 10	
	2030	5186	'891' 270 35 27819	
7 th	2130	5197	'634' 580 32 45918	
9 th	1930	6970	'690' 00000	
11 th	2100	7720	'471' 956 28 23815	
13 th	1400	13415	'160' 254 83 70504	
	1500	11125	'160' repeat	
16 th	1830	8020	'690' 00000	
18 th	1300	11120	'147' 00000	
19 th	2100	9310	'983' 257 139 98496	also FredNL
	2200	7560	'983' repeat	also FredNL
20 th	0500	12210	'680' 00000	
	0600	14890	'680' 00000	
	1800	10669	'258' 639 25 55542	
	1900	8143	'258' repeat	
	2030	5186	'891' 270 35 27819	
21 st	0800	12228	'258' 134 25 38166 (different msg from previous evening)	
27 th	2100	7630	'193' 00000	
	2200	5430	'193' 00000	

E07

Before we move onto others logs PoSW shares his logs and analysis of the station:

The usual E07 schedules continue as we move into spring with all the usual well documented problems of low modulation making for difficult copy; but in March two new E07 schedules were noted, on Tuesdays at 1900 UTC and on Thursdays, also at 1900 UTC. These were of a much more businesslike nature than the long standing transmissions with much better modulation than your average E07 and transmitted in lower sideband suppressed mode, not noted before with this one having up until now always used conventional AM with both sidebands.

Sunday + Wednesday 1800 UTC Schedule:-

5-Mar-06, Sunday;- 1800 UTC, 9,923 KHz, "906 906 906 000", first sending, inside 31 metre broadcast band, difficult copy.
1820 UTC, 9,064 KHz, "906", second sending, better mod. and clear of broadcasters, much better than the first sending. Same frequencies as in March 2005, third sending in event of "full message" should be 7,697 KHz.

12-Mar-06, Sunday;- 1800 UTC, 9,923 KHz, "906 906 906 1", DK/GC "658 43" x 2, difficult copy due to low mod. and BC QRM.

1820 UTC, 9,068 KHz, second sending, again difficult to hear and a strong "XJT" has taken up residence slightly HF.
1840 UTC, 7,697 KHz as expected, third sending, difficult to hear due to low mod.
15-Mar-06, Wednesday:- 1800 UTC, 9,923 KHz, first sending with very low mod., unreadable.
1820 UTC, 9,068 KHz, second sending with much better mod. than the first, "906 906 906 1", DK/GC "658 43" x 2, same as on Sunday.
1840 UTC, 7,697 KHz, third sending, back to low mod. but readable.
19-Mar-06, Sunday:- 1800 UTC, 9,923 KHz, "906" and "658 43", same as on Sunday, repeated 1820 UTC, 9,068 KHz and 1840 UTC, 7,697 KHz, all with low mod.
26-Mar-06, Sunday:- first day of Summertime, the clocks having gone forward by one hour. This schedule has stayed on UTC - for the time being - and has therefore appeared one hour later clock time:- 1800 UTC, 7 PM BST, 9,923 KHz, "906 906 906 1", DK/GC "314 40" x 2, strong signal with much better mod. than usual. Usual repeats also with better than usual modulation.

2-Apr-06, Sunday:- 1700 UTC, 12,123 KHz - with the first appearance in April has now shifted by one hour UTC which brings it back to a 6 PM start-up as in the winter months. "171 171 171 1", DK/GC "697 89" x 2, mod low but readable.
1720 UTC, 10,703 KHz, second sending of "171" and "697 89". Same frequencies were used in April last year; I only logged this with "000 000" in 2005 so no third frequency. However, RNGB copied a "full message" and on Page 15 of E2K28 reports 8,123 KHz as the third frequency:-
1740 UTC, 8,123 KHz, third sending, S9+ signal and much better mod. than the first two.
5-Apr-06, Wednesday:- 1740 UTC, 8,123 KHz, third sending, "171" and "697 89", as on Sunday.
16-Apr-06, Sunday:- 1700 UTC, 12,123 KHz, "171 171 171 000", mod. better than usual.
1720 UTC, 10,703 KHz, mod much lower than first sending

Monday + Wednesday 2100 UTC Schedule:-

8-Mar-06, Wednesday:- 2120 UTC, E07 with strong carrier but very low audio, extremely difficult copy, "892 892 892 000", sideband splash from BC station on 6,973.
Mar-06, Wednesday:- 2120 UTC, 6,968 KHz, "892 892 892 000", second sending, not the same frequencies used in March last year which were 9,420 + 8,185 + 6,817 KHz, call "418".
20-Mar-06, Monday:- 2100 UTC, 7,874 KHz, sounds like the first sending, very low mod, voice almost inaudible.
2120 UTC, 6,968 KHz, second sending, again very low mod, unreadable.
2140 UTC, 5,253 KHz, presumably the third sending, unable to hear any voice, went off just after 2148z.
22-Mar-06, Wednesday:- 2120 UTC, 6,968 KHz, "892 892 892 1", DK/GC "541 55" x 2, mod better than earlier in the month. Second sending but couldn't find the first presumed to be 7,874 when checked a bit after 2100z.
2140 UTC, 5,253 KHz, started approx. 20 seconds early, "892" and "541 55", mod. low but readable, much better than when heard on Monday
27-Mar-06, Monday:- 2100 UTC, 7,874 KHz - and this schedule has stayed on UTC for the time being and has appeared at 10 PM BST. "892 892 892 1", DK/GC "541 55" x 2, as on Wednesday. Repeated 2120z, 6,968 KHz and 2140z, 5,253 KHz, all with better than usual mod.
3-Apr-06, Monday:- 2020 UTC, 9,069 KHz, second sending, has now shifted by one hour which brings it back to a 9 PM start-up, UK time. "105 105 105 1", DK/GC "541 55" x 2, S9 signal, mod. a bit better than usual. Unable to confirm third sending, signal of some kind on 7,519 KHz probably E07 but was flattened by a strong DRM broadcaster. Not the same frequencies as in April last year which were 13,922 + 12,217 + 11,028 KHz, call "920".
12-Apr-06, Wednesday:- 2000 UTC, 10,128 KHz, "105 105 105 1", DK/GC "729 39" x 2, strong signal, mod much better than usual, "94916 44754 28537 83075.....". First sending inside 30 metre amateur band, close to a CW QSO between SM3 and OK2 stations.
2020 UTC, 9,069 KHz, second sending, third sending confirmed as 7,519 KHz, readable through DRM signal thanks to better than usual mod.

Thursday 2110 UTC Schedule:-

2-Mar-06:- 2110 UTC, 7,614 KHz, "163 163 163 000", strong carrier, mod. low but readable.
2130 UTC, 5,763 KHz, second sending, very low audio, could just make out "zero". Same frequencies used in March of previous years, third frequency in event of "full message" should be 4,633 KHz.
9-Mar-06:- 2110 UTC, 7,614 KHz and 2130 UTC, 5,763 KHz, "163 163 163 000", strong signals with better than usual modulation.
16-Mar-06:- 2110 UTC, 7,614 KHz, "163 163 163 1", DK/GC "480 44" x 2, mod low but readable.
2134 UTC, 5,763 KHz, second sending in progress, low mod.
2150 UTC, 4,633 KHz, "163" and "480 44", third sending, low mod., difficult copy.
23-Mar-06:- 2110 UTC, 7,614 KHz, first sending unreadable due to low mod.
2130 UTC, 5,763 KHz, "163 163 163 1", DK/GC "480 44" x 2 - same as last week - low mod. but much better than the first sending.
2150 UTC, 4,633 KHz, third sending, mod low but readable.
30-Mar-06:- 2110 UTC, 7,614 KHz, following the start of Summertime has stayed on UTC for the time being and appears one hour later local time. "163 163 163 000", repeated 2130 UTC, 10.30 PM BST, 5,763 KHz, both with low mod.
6-Apr-06:- 2010 UTC, in April has now shifted by one hour which brings the startup time back to 9.10 PM, 11,064 KHz, "674 674 674 1", DK/GC "127 42" x 2, usual low mod.
2030 UTC, 9,277 KHz, second sending, S9 carrier but low mod.
2050 UTC, 8,142 KHz, "674" and "127 42", third sending, mod. lowest of the three sendings.

Same frequencies used in April of previous years.

13-Apr-06:- 2014 UTC, 11,064 KHz, first sending in progress, better than usual mod., ended "000 000" just before 2017z.
2030 UTC, 9,277 KHz, "674 674 674 1", DK/GC "127 42" x 2, same as last week, strong signal with better than usual mod, third sending 2050 UTC, 8,142 KHz, S9+ with better than usual mod.

Two new E07 skeds noted in March:-

Tuesday Schedule:-

7-Mar-06:- 1905 UTC, 10,324 KHz, nearly fell off my chair when I came across the E07 OM in progress on a Tuesday, very strong signal, the modulation much better than any other E07 heard in a long time.

A quick check showed that this was being transmitted in the lower sideband suppressed mode, never observed before with E07, has always been standard AM with both sidebands. Ended with "000 000" 1908z.

1920 UTC, 9,146 KHz, the new schedule starting up with "346 346 346 1", DK/GC "261 69" x 2. Strong signal, deep mod, perhaps slightly distorted, lower sideband well suppressed. In the background there was the distinct sound of M12 CW, the "462" call-up which was at that time in progress on 6,856 KHz although it is difficult to see how a keyed carrier CW transmission could produce an audible note on another frequency even if some kind of interaction was taking place due to the two transmitters being located on the same site.

1940 UTC, 7,864 KHz, third sending, strong signal with deep mod. and again M12 "462" morse could be heard faintly, was on 5,788 KHz at that time.

14-Mar-06;- 1900 UTC, 10,324 KHz - last week's transmission not just a "one off", then, "346 346 346 1", DK/GC "876 37" x 2, "86928 86736 64249 19439.....", good mod, lower sideband suppressed, short message, all done soon after 1905z. Repeated 1920z, 9,146 KHz and 1940z, 7,864 KHz. All three sendings considerably weaker than last week.

21-Mar-06;- 1900 UTC, 10,324 KHz, "346 346 346 1", DK/GC "2411 71" x 2. Repeats on 9,146 and 7,864. All three sendings started 15 seconds early. Lower sideband well suppressed, deep modulation, slightly distorted at times, "84049 59944 47724 30479 64737.....".

28-Mar-06;- 1800 UTC, 10,324 KHz - this schedule has moved by one hour with the "Spring Forward" change of the clocks for summertime so it still starts at 7 PM in the UK. All the long-standing E07s stayed on UTC after summertime started on the last weekend in March so they appeared an hour later clock time and did not compensate for BST until the first week of April. "346 346 346 1", DK/GC "2439 65" x 2. Usual repeats 1820z 9,146 KHz and 1840z, 7,864 KHz.

This schedule seems to have vanished in April, forgot to listen for it on the 4th and could find no sign of it on the 11th

New Thursday Schedule;-

9-Mar-06;- 1944 UTC, 6,939 KHz, strong E07 in progress, lower sideband suppressed as with the Tuesday schedule, ended "000 000" just before 1948z. Presumably the third sending of a schedule which would have started at 1900z.

16-Mar-06;- 1900 UTC, 9,061 KHz - first sending of the schedule noted last Thursday, "479 479 479 1", DK/GC same as heard on Tuesday 14th, "876 37" x 2 and same 5Fs. Very strong signal, slight background hum, lower sideband well suppressed. As with the Tuesday transmissions, M12 CW could be heard in the background, in this case the call-up for "815" schedule which was up on 10,343 KHz.

1920 UTC, 7,907 KHz, "479" and "876 37", second sending, very strong signal and again, M12 "815" heard faintly, was starting up on 9,164 KHz.

1940 UTC, 6,939 KHz, "479" and "876 37", third sending, again M12 "815" heard underneath, was starting its third sending on 7,849 KHz

23-Mar-03;- 1900 UTC, 9,061 KHz, "479 479 479 1", DK/GC "9532 71" x 2, not the same 5F message as heard on Tuesday 21st although the group count was the same. "17176 07019 61282 97917....." Repeated 1920 UTC, 7,907 KHz and 1940 UTC, 6,939 KHz, all three sendings much weaker signals than when heard last Thursday.

30-Mar-06;- 1800 UTC, 9,061 KHz - this schedule has moved by one hour so it still starts at 7 PM UK time following the start of summertime, as with the new Tuesday schedule. "479" and DK/GC "8312 65", "48934 36815 55237 95971 82082.....".

1824 UTC, 7,907 KHz, second sending in progress,

1840 UTC, 6,939 KHz, "479" and "8312 65", third sending, weakest of the three, QRM from what appeared to be a broadcast station on 6,940 KHz, difficult copy.

6-Apr-06;- 1800 UTC, 9,061 KHz - has stayed on the same frequencies in April then - "479 479 479 1", DK/GC "8507 65" x 2, "87617 53722 04108 34949 01384.....". Strong signal, lower sideband well suppressed.

1820 UTC, 7,907 KHz and 1840 UTC, 6,939 KHz, repeat sendings, strong signals both.

13-Apr-06;- This schedule also seems to have ended, no sign at 1800 UTC on 9,061 KHz.

Peter sums up E07 with, "The long established E07 schedules are around as expected and are following the same frequency schedules as in previous years with the exception of the Monday + Wednesday starting at 2000z, 9 PM BST which does not use the same frequencies as in 2005 and has to be searched for at the start of each new month, sometimes a difficult task due to the low mod., still a feature of many E07 transmissions. The two new E07s first noted in March, Tuesdays at 7 PM UK time and a different one on Thursdays also at 7 PM - both did the hour shift with the start of summer so they still showed up at the same clock time - seem to have gone although the Thursday schedule was logged in the first week of April on the same frequencies as in March."
[Thanks Peter].

2110/2130z 7614//5763kHz 02/03 183 000 FredNL

5673kHz 2130z 09/03[163 000]FredNL
7614kHz 2110z 30/03[163 000]FredN

7864kHz 1940z 14/03[346, 1 876/37] 1938z CW sent V6 Mndbs
9146kHz 1920z 14/03[346, 1 876/37]Mndbs

10324kHz 1900z 14/03[Mndbs] msg detail below

346, 1 876/37 S6 fades USB many pauses.
86928 86736 64249 19439 61751 14837 71579 21823 51085 96882
29970 06118 67814 21672 11791 29380 27523 70401 47502 43122
34163 82293 12259 17063 83311 13117 85976 03131 60635 68025
74994 93406 69048 32830 20921 40261 59471 000 000

7614/5763/4633kHz 2110/30/50z 16/03 weak, noisy, got call '163 1' & a few complete grps '..89107 70980 02469..' FredNL

RNGB's E07 Log for March:

1st March 2100	7874	'892' 000
	2120	6968 '892' 000
7th	1900	10324 '346' 1 261 69 13317

	1920	9146	'346' repeat	
	1940	7864	'346' repeat	
8th	1800	9923	'906' 000	
	1820	9068	'906' 000	
9th	2110	7614	'163' 000	
15th	1800	9923	'906' 1 658 43 71923	
	1820	9068	'906' repeat	
	1840	7697	'906' repeat	
16th	2110	7614	'163' 1 480 44 93740	
	2130	5763	'163' repeat	
	2150	4633	'163' repeat	
19th	1800	9923	'906' 1 658 43 71923	
	1820	9068	'906' repeat	
	1840	7697	'906' repeat	
21st	1900	10324	'346' 1 2411 71 84049	
	1920	9146	'346' repeat	
	1940	7864	'346' repeat	
27th	2100	7874	'892' 1 541 55 36264	
	2120	6968	'892' repeat	
	2140	5253	'892' repeat	
28th	1800	10324	'346' 1 2439 65 35596 (M12 transmitting in background, ID 462)	
	1820	9146	'346' repeat	
	1840	7864	'346' repeat	
3rd April 2000	10128		'105' 1 541 55 36264	
	2020	9069	'105' repeat	
4th	1800	10324	'346' 1 2476 62 41727	
	1840	7864	'346' repeat	
5th	1700	12123	'171' 1 697 89 32663	
	1720	10703	'171' repeat	
	1740	8123	'171' repeat	
6th	2010	11064	'674' 1 127 42 98004	
	2030	9277	'674' repeat	
	2050	8142	'674' repeat	
9th	1700	12123	'171' 1 848 45 86445	
	1720	10703	'171' repeat	
10th	2000	10128	'105' (very weak)	
12th	1100	12163	very weak – ended 16780 000 000	
27th	2010	11064	'674' 347 45 40568	also FredNL
	2030	9277	'674' repeat	also FredNL
	2050	8142	'674' repeat	also FredNL

We acknowledge input from AF and mndbs also

E10 Desk for Mar 06

Frequencies (USB) and C/S Heard

3150	PCD * PCD2
3230	KPA2
3270	MIW String * MIW2
3360	VLB String
3415	ART
3557	CIO2
3640	SYN2 * SYN Strings
3840	YHF
4270	PCD * PCD1 * PCD2
4418	FDUM
4461	FTJ
4560	YHF2
4648	SYN2 * SYN Strings * VLB2
4780	CIO2
4880	ULX * ULX2 * ULX1
5091	JSR * JSR2
5170	VLB2 * VLB Strings
5230	MIW2 * MIW Strings
5339	KPA2 * KPA String
5435	ART
5820	YHF2
6270	ULX * ULX2
6498	PCD2
6575	HNCX
6840	EZI * ART2 * ULX * EZI2
6842	EZI
6986	ART
7322	FTJ
7540	JSR
7760	ULX

7918 YHF2 * YHF
 9130 EZI
 14000 YHF

Comments & Reported Net Activities for Feb/Mar 06.

24th Feb: at 1820hrs on Freq 5170 KHz: VLB on extended call, No message. Still ongoing 0100 hrs 25/2
 24th Feb: at 1820hrs on Freq 4648 KHz: SYN2 on extended call, No message. Still on going 0100 hrs 25/2
 24th Feb: at 1820hrs on Freq 4780 + 3557 KHz: CIO2 As above very weak 25/2
 01 Mar: at 2240hrs on Freq 5230 KHz: MIW2 on extended call, No Message ongoing at 2346hrs
 03 Mar at 2017hrs on Freq 5230 KHz: MIW2 on extended call, No Message still ongoing at 0200hrs 04 Mar.
 04 Mar at 2017hrs on Freq 5230 KHz: MIW2 Still transmitting at 0030hrs 05/3 (Listen out for possible change)
 06 Mar at 2021hrs on freq 5230 KHz MIW2 on ext call again. Lost contact at 2150hrs approx. 06 Mar.

NB:On the 24th & 25th of Feb we had SYN2 & VLB2 on extended call throughout that period and on the 27th this changed to the long strings VLB (39 numbers & letters) and SYN (29). MIW2 has been on ext call since the 01 march and is still active at this moment on freq 5230KHz. It might be worth monitoring to see if a similar pattern evolves

05 Mar at 2030hrs Reference to MIW2 above, this station has changed its call as I believed it might and is at this moment transmitting as **MIWA9B10C9** on 5230KHz. (Later heard at 2100hrs by Ary B, still in progress)
 Back to normal as MIW2 at the 2315hrs transmission

06 Mar from 1505hrs to 2000hrs **MIWA10B11C10** was recorded by :- Mike L, Tom H, Ary B, Manolis Crete and Jochen S. I missed this but at 2021hrs when I next tuned in, it was transmitting as MIW2 again. I lost contact at 2150hrs as it faded into the background noise. It might be worth noting that the two MIW strings as underlined would appear to follow on from each other. A quick glance through my own records (Years 02 to 06) showed this could be a first time, though on April the 14th 2002 I recorded MIWTMX1504 and VLBTMX1504 both transmitting at the same time on own frequencies.

9 Mar at 2103 hrs on freq 6840KHz ART2. (Normally EZI)
 9 Mar at 2346 hrs on freq 4648 KHz VLB2 (Normally SYN2)
 11Mar at1630 hrs on freq 4880 KHz ULX1 also at 1900 hrs on 4270 KHz PCD1. (Credit Jochen Schafer. Kopf)
 15 Mar on freq 5339KHz The Goodnight string (KPAG Below) first reported by Ary B at 1910hrs, still on going at 0105hrs 16th Mar.
 17Mar at 1946hrs on freq 5170 KHz VLB2 longer initial call ended 1958hrs.
 19 Mar VLBA string reported heard by Ary B, at 1655hrs on 5170 and at 1718hrs on 3360. Still ongoing at 2325hrs

20 Mar at 1755hrs on Freq 4418 KHz FDUM (Credit Ary B)
 20 Mar SYNA1ZZ2B13Z was logged and confirmed at various times during the day. (Credit to Ary B, Ian Wraith, Jochen Schafer. Kopf) Still Transmitting at 0100hrs 21/3
 20 Mar at 2132hrs on freq 4461 KHz FTJ + YHF2 both on freq transmitting at same moment. FTJ Freq (Credit Ary B)

25 Mar at 1830hrs on freq 4270 KHz PCD with a G97 message starting YERRS.
 This message has been repeated since Sept 05. (Credit Ian Wraith)
 28 Mar at 1540hrs on freq 6575 KHz HNCX (Credit F Nusser)
 28 Mar at 1601hrs on freq 14000 KHz YHFx3 calls and at 1601+ 30 seconds YHFx1 call no further transmissions (Credit Mike L)
 29 Mar at 1753hrs on freq 5170 KHz VLB2 on extended call ongoing at 1913hrs, weak signal

30 Mar at 1930hrs on freq 4270 KHz ULX2!, at 1933hrs this reverted to the expected PCD with a G13 VHFLZ message. At 2000 & 2030hrs it was PCD2.
 Ian Wraith also notes "The ULX call on the PCD frequency is interesting and it is the 2nd or 3rd time I have seen call in this time slot. The last time was on Feb 5th 2006 which was the same night both VLB and SYN sent long strings. However there don't seem to be any signs of unusual E10 messages tonight."

30 Mar at 2230hrs on freq 6840 KHz ULX G81 RJUJI (Normally EZI)
 30 Mar at 2300hrs on freq 6842 KHz EZI G15 ?CHBU. This was a definite freq shift upwards. the freq 6840 has lately been used by ART 9/3 & ULX 30/3. (NB:This must have been a technical ajustment as at 0304hrs 31/3 EZI was again on its correct freq).
 31 Mar at 0400hrs SYN2 & VLB2 & CIO2 all on extended calls, freq's 3640 & 5170 & 4780 KHz respectively.
 Ended at 0500hrs

Special Strings Heard During Feb/Mar 06

27/02/06 2000Hrs Freq 5170KHz	VLBA13Z03011100B3213011400C55Z2802Z1600	=39 L/N
27/02/06 2030Hrs Freq 3640 + 4648KHz	SYNA69Z1103Z1100B10Z0303Z1500	=29 L/N.
05/03/06 2030hrs Freq 5230 KHz:	MIWA9B10C9	=10 L/N
06/03/06 1505hrs Freq 5230 KHz	MIWA10B11C10	=12 L/N
10/03/06 1630hrs Freq 5230 KHz	MIWA85Z200930B23Z200900C43Z200900	=33 L/N
15/03/06 2318hrs Freq 5339 KHz	KPAG1O2O3D4NSIG7H8T	=20 L/N
19/03/06 2015hrs Freq 5170 + 3360 KHz	VLBA1Z2B8Z2	=11 L/N
20/03/06 2000hrs Freq 4648 KHz	SYNA1ZZ2B13Z	=12 L/N

Was it a Fake?, Was it for Real?, Had E10 gone mad? No it was the **Goodnight String**, its all you want it to be. But for sure it bought out some healthy comment.

Logs From J Chircop for 11 Feb to 7 Mar 06 All Frequencies USB

11 Feb 06

1900 5435 ART2
1900 6840 EZI (2) G 56 DORRM G71 ?
1900 4270 PCD G20 MIORT
1900 5091 JSR G19 HTJSX
1900 3840 YHF G13 VKDL?
1900 4880 ULX2
1900 4461 FTJ2
1915 5339 KPA2
1915 4360 MIW2
1930 5435 ART G37 CWGPI
1930 6840 EZI2
1930 4270 PCD G22 LTKOI
1930 6270 ULX2
1930 5820 YHF2
1930 5091 JSR G89 JMHZM
1945 5170 VLB2
2000 5091 JSR G10 MVJAX
2000 5435 ART G67 ?
2000 4270 PCD2

14 Feb 06

1900 5435 ART2
1900 6840 EZI (2) G77 YMDYM G50 IAKQG
1900 4270 PCD G92 NWZZG
1900 5091 JSR G19 HTJSX*
1900 3840 YHF G13 VKDL? *
1900 4880 ULX2
1900 4461 FTJ2
1915 5339 KPA2
1915 5170 VLB2
1915 4360 MIW2
1930 5435 ART G37 CWGPI *
1930 6840 EZI2
1930 4270 PCD G60 WWMFG
1930 6270 ULX2
1930 5820 YHF G39 QERFL
1930 5091 JSR G89 JMHZM*
1945 5170 VLB2
2000 5091 JSR G10 MVJAX*
2000 5435 ART G67 ?
2000 4270 PCD2

16 Feb 06

1900 5435 ART2
1900 6840 EZI (2) G77 YMDYM G50 IAKQG*
1900 4270 PCD G64 LDZVH
1900 5091 JSR G19 HTJSX**
1900 3840 YHF G13 VKDL? **
1900 4880 ULX2
1900 4461 FTJ2
1915 5339 KPA2
1915 5170 VLB2
1915 4360 MIW2
1930 5435 ART G37 CWGPI **
1930 4270 PCD G10?
1930 6270 ULX2
1930 5820 YHF G39 QERFL *
1930 5091 JSR G89 JMHZM **

26 Feb 06

1900 5435 ART2
1900 6840 EZI (2) G96 RYBLC G28 YIRWO
1900 4270 **PCD 1**
1900 5091 JSR G19 HTJSX ***
1900 3840 YHF G94 OAJMF G55 SZMNP
1900 4880 ULX2
1900 4461 FTJ2
1915 5339 KPA2
1915 5170 VLB2
1915 4360 MIW2
1930 5435 ART G37 CWGPI ***
1930 6840 EZI2
1930 4270 PCD G20 BCNAP
1930 6270 ULX2

1930 5820 YHF G25 FLTIT
1930 5091 JSR G89 JMHZM ***
1930 3557 CIO2
1945 5170 VLB2
2000 5091 JSR G10 MVJAX **
2000 5435 ART G67 ?
2000 4270 PCD2
2000 9130 EZI2

02 Mar 06

1900 5435 ART2
1900 6840 EZI (2) G96 RYBLC G28 YIRWO *
1900 4270 PCD 2
1900 5091 JSR G19 HTJSX *****
1900 3840 YHF G66 QCTO?
1900 4880 ULX2
1900 4461 FTJ2
1915 5339 KPA2
1915 5170 VLB2
1915 4360 MIW2
1930 5435 ART G37 CWGPI *****
1930 6840 EZI2
1930 4270 PCD G20 BCNAP *
1930 6270 ULX2
1930 5820 YHF G25 FLTIT *
1930 5091 JSR G89 JMHZM *****
1930 3557 CIO2
1930 3640 SYN2
1945 5170 VLB2
1945 5230 MIW2
2000 5091 JSR G10 MVJAX ***
2000 5435 ART G67?
2000 4270 PCD2
2000 9130 EZI2

04 Mar 06

1900 5435 ART2
1900 6840 EZI (2) G96 RYBLC G28 YIRWO **
1900 5091 JSR G19 HTJSX *****
1900 3840 YHF G66 QCTO? *
1900 4880 ULX2
1900 4461 FTJ2
1915 5339 KPA2
1915 5170 VLB2
1915 4360 MIW2
1930 5435 ART G37 CWGPI *****
1930 6840 EZI2
1930 4270 PCD G36 QZFWJ
1930 6270 ULX2
1930 5820 YHF G25 FLTIT **
1930 5091 JSR G89 JMHZM *****
1930 5091 CIO2
1930 3640 SYN2
1945 5170 VLB2
1945 5230 MIW2

07 Mar 06

900 5435 ART2
1900 6840 EZI Unreadable
1900 4270 PCD 2
1900 5091 JSR G19 HTJSX *****
1900 3840 YHF G15 ?
1900 4880 ULX2
1900 4461 FTJ2
1915 5339 KPA2
1915 4360 MIW2
1930 5435 ART G37 CWGPI *****
1930 6840 EZI2
1930 4270 PCD G10 WFQWF
1930 6270 ULX2
1930 5820 YHF G25 FLTIT ***
1930 5091 JSR G89 JMHZM *****
1930 5091 CIO2
1930 3640 SYN2
1945 5170 VLB2
2000 5091 JSR G10 MVJAX *****
2000 5435 ART G67 ?
2000 4270 PCD2

2000 9130 EZI2

Thanks for your logs JC, you will see I took the Liberty of pruning out the E10, USB and the S5 and added the G in front of the group number. This makes it easier to read and should you want to copy the format for your future logs, it would mean less typing for you. (E10 Desk)

*Denotes number of times message repeated within the above log.

E10 Desk April 06

Frequencies (USB) and C/S as Heard

3150	PCD2 * PCD
3270	MIW2 * MIW Strings
3360	VLB2
3415	ART * ART1 * ART2
3557	CIO2
3640	SYN2 * SYN6
4270	PCD2 * PCD
4461	FTJ * FTJ2
4648	SYN2 * SYN6
4780	CIO2
4880	ULX * ULX2
5091	JSR * JSR2
5170	VLB2 * VLB6
5230	MIW2 * MIW Strings
5339	KPA2 * KPA Strings
5435	ART * ART2 * ART1
5820	YHF2 * YHF
6270	ULX * ULX2
6498	PCD * PCD2
6840	EZI * EZI2
6986	ART
7540	JSR
7760	ULX
7918	YHF
9130	EZI * EZI2
9202	YHF2
10648	YHF2
14000	ULX1

Special Strings Heard During April 06

24/04/06 1845hrs on Freq 5230 and 3270 KHz	MIW A46Z2215B65Z2100	= 19 L/N
24/04/06 1911hrs on Freq 5339 KHz	KPA A46Z2215B65Z2100	= 19 L/N
25/04/06 At various times on Freq 5539 KHz	KPA A1930Z2200Z99B1945Z2215Z98	= 29 L/N
25/04/06 At various times on Freq 5230 KHz	MIW A1930Z2200Z99B1945Z2215Z98	= 29 L/N

Comments & Reported Net Activities During April 06.

02 April, 1945hrs on 5175KHz VLB2 and 4648KHz SYN2 on extended calls signal weak in strong static noise. Ongoing 2022hrs. Ended 2054hrs. (E10 Desk)

03 April at 1350hrs on 14000khz Mike L reports hearing SYN2 and on the 4th at 1448hrs VLB2 on the same freq.

04 April at 2303hrs on freqs 5435 KHz and 3415 KHz ART1 Transmission ended at 2307hrs C/S only. (E10 Desk)

09 April at 1900hrs JSR and ULX2 competing on the same freq (not given). ULX2 ended then JSR completed a G19 Message (HTJSX) which its been sending since 04Feb06. (Credit to Micheal Ford)

11 April at 1801 to 1805hrs on freq 14000 KHz ULX1 (Credit Mike L)

20 April at 2232hrs on freq 5170 VLB2 and SYN2 on freq 4648KHz both on extended calls. Possibly commenced at 2145hrs. Ended at 2253hrs (E10 Desk)

23 April at 0010hrs on freq 5170 KHz VLB6 c/s only. Still ongoing at 0230hrs. (And so to bed) (E10 Desk)

24 April at 2124hrs on freq on 3640 and 4648 KHz SYN6 (Credit J Hruska)

24 April. As I have noted before when one or two stations go on an extended call namely VLB2 / SYN2 / MIW2 / KPA etc one might expect a change of call at some stage later, ending up with a special string. As you can see from the log above, this did infact happen once again. The MIW and KPA Strings were also logged by Fritz Nusser 1845hrs, Ary B at 1850hrs and Jakub Hruska at 1911hrs, and I'm sure by many others also. (E10 Desk)

25 April at 0030hrs on freq 4648 KHz SYN6, still ongoing at 0200hrs. (E10 Desk)

25 April KPA and MIW long strings as above (Credit to Ary B and Mike L)

Many thanks to all for the use of your reports.

©BMLongfield E10 Desk Manager April 06
[Txn Bob]

E11

Before we go into the logs H-FD kindly pointed out some errors that crept in concerning the Friday 1200z 8544kHz transmissions last time. The time was inadvertently stated as 0830z. The affected logs should read:

8544kHz 1200z 06/01 [187/00] JoA & HFD
1200z 20/01 [187/00] very bad AF
1200z 27/01 [187/00] very weak AF

E11 Chart by H-FD is at the end of the NL [Tx H-FD].

7663kHz 0800z 09/03[232/00] QRM, noisy JoA THURS
0800z 23/03[232/00] QRM, noisy JoA THURS
0800z 06/04[232/00]AF THURS
8091kHz 0800z 02/03[232/00]JoA TUES
0800z 10/03[232/00]S2 QRM JoA FRIDAY
0800z 24/03[232/00] weak JoA
0800z 21/04[(232/00) S1 QRM-noise] JoA
8544kHz 0830z 04/04[182/00]AF TUES
1230z 10/03[312/00] JoA FRIDAY
1230z 24/03[312/00] S1 QRM JoA FRIDAY
1230z 04/04[312/00]AF TUES
1230z 21/04[(312/00) ~S1 QRM-noise]JoA
8759kHz 1030z 07/03[312/00] S2 JoA TUES
1030z 04/04[312/00]AF TUES
1030z 10/03[312/00] Weak QRN JoA FRIDAY
1030z 24/03[312/00] Weak QRN JoA
8800kHz 1300z 14/03[183/00] heterodyne from an E10 carrier Manolis TUES
9130kHz 1200z 10/03[187/00] Weak JoA FRIDAY

E11a Nil Reports

E11b

8544kHz 0830z 28/03 (184/35 77777 77777 80410 34212 81449 96106 23375 +) [S1] JoA
8544kHz 0830z 25/04[184/33 Att'n. 77777 77777 58809 52146 41666 04273 21349 97072 03136 74214 76105 + [~S3/S1 QRN] JoA
9179kHz 1330z 27/04[184/33 attention 33x5FG attention 33x5fg] FredNL, who sends:
Msg was:
77777 77777 58809 52146 41666 04273 21349 97072 03136
74214 76105 56576 31515 81647 97106 61517 59696 58977
61092 44198 67236 69197 84077 64946 32010 57909 50206
00116 88994 40992 18822 77777 77777

E15

Revised Frequency schedule devised by Manolis Petrakis

UTC	Mon	Tue	Wed	Thu	Fri ¹	Sat	Sun	Call
0700	6715	6715	6715	6715	-	6715	6715	NAS
0800	-	-	-	-	-	-	-	-
0900	-	-	-	-	-	-	-	-
0945	6715	6715	6715	6715	-	6715	6715	VSD
1100	18000	18000	18000	18000	-	18000	18000	BEC
1130	6715	6715	-	6715	-	6715	6715	PAR
1200	5834 ²	5834 ²	5834 ²	5834 ²	-	5834 ²	5834 ²	WSP
1230	-	11170	11170	11170	-	11170	11170	OSS
1300	-	-	-	11170 ³	-	11000	-	BEC

And the phonetics used in station idents:

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

From ML:

Mon 27 Mar 11000kHz, 13.05-09z, only QRU heard, on noise.
14.00z NRH

Tue 28 Mar 13/14.00z NRH, high noise levels.

Wed 29 Mar 14000kHz, 14:02.10 - 03.12z, FYP, on noise - wiped out by Ital outbanders.

Saturday 22 April, 14000kHz, E15, hard work pulling it out of the noise, but with careful use of BW & Pband.

Confirms the 25 Mar log for a 14.00z Sat TX.

Note that this caught with a temporary "experimental" Z antenna, well two L's head to head so to speak. Antenna selector is out of circuit, knackered, so unable to check with the permanent antennae for any improvement.

13:58.00z, odd tones & "foghorn" sound - got my interest!

14:03.20z i/p FYP with P sounding more like PETA

14:04.40z lost into noise, no further copy.

E17

7635kHz 0905z 11/04[calling 274 then into a long message maybe 20 groups.Terrible reception with much QRN and fade] mndbs

E17z Nil Reports

E22

[‘E22 Secrets’ document available from Files section of Group]

[This station has now been removed from the Control List. It was confirmed by Mike of Sussex \[mndbs\] as a BC station engineering service.](#)

E23 Frequencies and Times. All SSB [From AnonUK]

Since December 2004 skeds have become erratic, and may not stick to correct weeks. Some voice transmissions have been heard in week 2

Week 1 Usually starts on the first Monday of the Month, but there have been variations to this.

Times are not rigid, has been known to start as early as Hour + 52

[Txn AnonUK].

	Week 1		Week2		Week 3		Week 4	
	Time	Freq	Time	Freq	Time	Freq	Time	Freq
Monday	0957	6507			0757	4832	0757	5340
	1157	8188			0957	6200	0957	8188
	1257	5340			1157	8188	1157	7250
					1257	6507		
Wednesday	0957	6507			0757	4832	0757	5340
	1157	8188			0957	6200	0957	8188
	1257	5340			1157	8188	1157	7250

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Week 2 was M04 Not heard since September 2000

6507kHz 0952z 06/03 AF
0952z 08/03 AF
7250kHz 1152z 02/03 AF
8188kHz 1201z 20/04 mndbs THURSDAY
0952z 26/04[1234 Msg ids 96301, 74743 and 45681]FredNL
1005z 27/04 i/p FredNL

E25 From the E25 desk

ID's used with messages so far (new ones are underlined):

222 275 440 555 720 730 780 835 (arabic counting) and 906

ID's used with control messages so far (new ones are underlined):

200 209 220 227 270 272 276 277 377 422 430 440 442 449 477 557 705 708 745 784 785 788 830 837 875 877 905 909

Transmission times: any time between 11.00 and 15.00 utc (and possible earlier). Likes 12.30 and 12.45. More transmissions on one day possible.

Only one frequency known: 9450 kHz, mode AM.

So far there seem to be three different voices.

Voice nr.1 is a deep male voice.

Voice nr.2 has a higher voice (but definitely male) and sounds more 'enthusiastic'.

And there is a voice nr.3 which sounds very high pitched, almost female.

New revelations

After the discovery of the song used by E25 and the Arabic text of that song a couple of readers came with a translation of the Arabic text published in Newsletter 33:

This one is from JMM:

To who's place do I go ?
and I say oh my Lord
It's you who are my joy and it's you too who are my sorrow

A word from you, a look from you, a touch from you heat my heart
and, during love nights ... love got me ..

Un mot de toi, un regard de toi , un touchet de toi me chauffe le coeur
et pendant les nuits d'amour .. l'amour m'a eu ..
To who's place do I go ?

To who's place do I go ?
Your being far away is very long/painful ... I will live after you with
memories of you
with tears at my eyes, I think of you..

To who's place do I go ?
In this life, I have no other love than you
My mind in the clouds/fog, my separation (from you) is hurting/wounding
Oh you, light of my eyes,
(Source of) my tears,
In the fire of my body, I think of you

And this one is from ACy:

TRANSLATION

* To whom I should go asking for help,
And asking for my rights back from you

Because you are my joy, my pain and everything to me

* To whom I should go

A word and eye sight both shared, with luck gathered our two hearts, also love was involved

Beneath good nights, I fall in love with you. Meeting you was joy and I always wanted to see you
But after I fell in love with you and you became all I need, you started to turn your back to me and
To be hard on me

I wished that happiness will continue but that never happened
Your love made my life like hell, and the day far from you would pass like years

* To whom I should go ...

Your absence was so long, I live after you in pain and agony
Between past that is not helping me to forget what I lost

I spend all nights remember and cry, always try to hide my tears from people
those who may see me and make fun of me

I don't know how long I can take what you did to me and how long I'd be able to face
those people who know about us

* To whom I should go

Very nice guys, and thanks a lot for the translations!

In short

March logs:

04 12.45z 788 28 30 31
05 12.46z 442 4 785 28 30 31
06 12.44z 785 39 40
12 12.45z 442 4 449 5
14 12.05z 275 then 5831 6421 280 280 280 280 280 280 280 280
14 12.16z 830 17
16 12.00z 275
18 12.45z 785 41 42
19 12.04z 275 2344 9421 280 [R8]
20 11.48z 449 [R25]
20 11.59z 275 3344 9401 280[R8]
20 12.44z 449
22 12.00z 275 2233 0512 280...(in the repeat 0512 became 0521)
23 12.00z 275 2233 0512 280...(in the repeat 0512 became 0521)
24 12.00z 275 2233 0521 280 [R10]
24 13.42z 227 1 [R20]
26 11.59z 275 2415 1521 240 [R11]
27 11.58z 275 1422 5070 4410 1241 8354 2947 4410
28 12.00z 275 2415 1521 280...
29 12.02z 830 21
29 12.40z 785 45 46
31 12.07z 788 47

April logs:

01 12.39z 785 47
10 12.00z 275 9045 2541 4901 6246 7409 7927 2042 6757 1141 2943 7742 5809 6902 4901
11 12.34z 555 1245 4101 2421 4734 4101
12 11.59z 275 with message.
13 11.58z 275 8373 3501 280 [R10]
16 12.39z 745 49 708 48 52 705 41 708 44 40 705 49
22 12.19z 830 27
23 12.00z 275 280 [R8]
25 12.04z 240(?) [R?]

The logs in detail

Log from FredNL:

Sat march 4th : 1245z calling 788 28 30 31. This sounds like the 'YL/OM' voice

From FredNL:

Sun march 5th :1246z 442 4 785 28 30 31 EOT 1252z

From FredNL:

Mon march 6th: 1244z 785 39 40 EOT 1249z. Carrier with 1kHz tone at 1241

From FredNL:

Sun march 12th: 1245z 9450 442 4 449 5 EOT ca. 1252z. Short 1kHz tone at 1243z

From Mike:

Tuesday march 14th : 12:05z call 275 then 5831 6421 280 280 280 280 280 280 280 280 280.

From Mndbs, march 14th.

1209z carrier

1213z tone

1216z intro music

1223z slowly turns off music and starts calling "830 17" loudly about 20 times 1227z OM stopped, "3." stopped ".7" stopped, then back to "830 17" for about 12 times (recording available) 1229z carrier down.

The announcer was the 2nd OM. Strong signal as usual, here in Crete.

From ML, march 16th :

12.00z clg 275 - then answered the door, missed mssg.

From Mndbs, march 18th:

1245z E25 calling 785 41 42.

From Mike:

March 21st, 11:20 UTC unfortunately buried under broadcast station on 9450!

Does this suggest that E25 is on air earlier than most of our reports but just not audible to us?

Good possible Mike. Just park your receiver and wait. See also NL 26: it may possibly transmit between 11.00 and 15.00z. Also a log in NL6 (sept 2001): 9450kHz at 0935Z 09/08/2001. OM totally unreadable.

So, might even start at any moment of the day...

From FredNL:

Sat march 18th: 1246z 785 41 42 EOT 1250z

Carrier up 1240z, 1kHz tone up 1242z

Heard by FredNL and DoK:
Sun march 19th : 1204z 275 2344 9421 280(x8) Repeatx3 (msg rptd) EOM/EOTx 1207z

From FredNL:
Mon march 20:
1159z 275 3344 9401 280x8 Repeatx3 (msg rptd) EOM/EOTx 1205z
Carrier up 1145z, 1kHz tone at 1150z, change of OM voice in 275-call at 1202z

And a little later:
1244z 2nd E25 today: just 449 called for 5 mins, ended 1249z

Heard by DoK march 20:
11.48z calling 449 [R25] and a little later:
12.44z 449 [R18]
Pause
449 [R9]

DoK heard E25 march 22:
12.00z 275 [R44]
Message [R3]
2233 0512 280...
Repeat [R3]
2233 0521 280...
Eom eot.
This message was repeated march 23 and 24.

Heard by Mndbs and DoK. 24/03/2006 Friday
1200z Calling 275 AM S7
Message
2233 0512 then 280 called ten times
Repeat
2233 0521 then 280 called ten times
So the second set was changed slightly!

From ML:
24 Mar
9450Khz, S9 carrier 10.20-30z, no tfc.
S4 carrier up 11.46-59z, weak R Prague under.
11:59.10z into repeat of Thurs 23rd 11.59z TX.

From ML:
Sat 25 Mar, 13:42.30z Music/singer up.
13:48.00z "227 1" x 20, older OM, read very slowly.
13:51.40z ended, no sign-off.

Heard by ML, DoK and PLondon:
Sun march 26,
11.59z "275" x 43 (speeded up from No 24)
12.03z message [R3]
2415 1521 240 (x 11)
repeat obliterated by "machine gun" QRM which stopped at end of TX, ending not heard. OM older voice.

DoK reported this one: march 27th:
11.58z 275 message [R3] 1422 5070 4410 1241 8354 2947 4410 Repeat [R3] – rpt of msg – eom eot.

And another on the next day, march 28th:
12.00z 275 message [R3] 2415 1521 280... Repeat [R3] – rpt of message – eom eot.

Manolis from Crete
March 29th: 9450 kHz AM:
1202 UTC Arab music different than the usual (the one with the YL).
1204 UTC Carrier down, then up again, with better signal strength.
1209 UTC "830 21", repeated many times.
1212 UTC Stopped.
1214 UTC The same music again.
1221 UTC OM calling "830 21" again, until 1228 UTC, end of transmission.

Manolis from Crete
March 29th:
9450 kHz AM:
1240 UTC (E25) Very strong carrier and tone.
1244 UTC OM started calling numbers with a very low audio level, then leveling up to "785 45 46" till 1248 UTC.

Manolis from Crete and DoK heard this one: march 31,
1239 UTC Strong carrier + tone.
1244 UTC E25 OM "788 47"
1248 UTC OM knocks on the mic three times, then again "788 47".
1251 UTC One knock again and carrier down a few seconds later.

Saturday 1 April 2006

1239 UTC Strong carrier with a tone.

1244 UTC E25 OM repeating "785 47", knocked the microphone 3 times and ceased at 1249 UTC.
Manolis from Crete reported.

DoK reports, april 10th:

12.00z 275 message [R3] 9045 2541 4901 6246 7409 7927 2042 6757 1141 2943 7742 5809 6902 4901

Repeat [R3]

- repeat of message-

Eom eot.

From DoK, april 11th:

12.34z 555 msg[R3] 1245 4101 2421 4734 4101 Repeat [R3] – rpt of mssg – eom eot.

April 12th, from DoK:

11.59z 275 message [R3] 437. ... Rest of message not copied.

April 13, heard by DoK and Manolis from Crete:

9450kHz, E25, older OM, sig improved towards end.

11.58z "275" R

12.02z m m m 8373 3501 280(x10), r r r

12:04.40z eom eotx

Some of the "0's" in 280 were sounding very much like "zulu"

DoK heard E25 on april 16th:

12.39z 745 49

708 48 52

705 41

708 44 40

705 49

Heard by Manolis from Crete:

March 22:

E25 9450 kHz AM 1219z-1224z "830 27" QRM from a RTTY TX a few kHz below.

April 23:

1200z 275(R) Msg(R3)280(R8)Rebeat(R3)Msg(R3)280(R9)EOM EOT at 1207z]

XJT obliterated sending 1202 to 1204z. Rest QSB msg text part received only --2- --52-

PLondon

From FredNL

April 25:

12.04z very weak, calling 240(?) a few times, then strong QRM (jamming?)

We received a study from FredNL.

E25 - A SHORT STUDY OF THE 275-MESSAGES WITH 280-REPEATS

After logging another E25 275-message today (Monday 20 March) with just the two 4- figure groups and a number of '280's repeated, and having my rig mostly monitoring one particular frequency the whole afternoon anyway, I spent some time doing the following study regarding the odd format of "4f 4f 280(Rptx?)":

FACTS WE HAVE SO FAR:

"275-280" Messages Logged in E2K NLs (+ 3 from my March log)

Since the "275-280"-messages appeared 4 months ago, 15 such msgs logged:

Mon	20 Mar -06	275	3344 9401	280x8
Sun	19 Mar -06	275	2344 9421	280x8
Thu	16 Mar -06	275	6304 7421	280x10
Wed	08 Feb -06	275	8305 5421	280x10
Tue	03 Jan -06	275	1410 2431	280x11
Sun	01 Jan -06	275	5410 2431	280x10
Wed	28 Dec -05	275	7385 1421	280x10
Tue	27 Dec -05	275	7384 1221	280x10
Thu	15 Dec -05	275	9311	280x10
Thu	08 Dec -05	275	4384 8370	280x6 (rpt 5 Dec msg)
Wed	07 Dec -05	275	4384 8370	280x5 (rpt 5 Dec msg)
Tue	06 Dec -05	275	4384 8370	280x5 (rpt 5 Dec msg)
Mon	05 Dec -05	275	4384 8370	280x5
Wed	23 Nov -05	275	3322 7301	280x8
Thu	17 Nov -05	275	4982 5370	082x5 (Logged as 082, not 280: Arabic reading R to L?)

WHAT CAN BE FOUND IN THIS:

Referring to previous E25 analysis presented in the E2K NL regarding the non-randomness of certain E25 number groups, the two 4-figure groups in these “275-280” messages are also clearly non-random. Several algorithms have been applied, with no success so far, but as more data are gathered pattern(s) might appear.

The varying number of repeats of 280 might also be non-random and carry some information by itself. Then again, the number of 280-repeats might carry no significance at all!

Another point, much more concrete: tx weekdays for the logged “275-280” msgs turns out to have been:

2xMon 3xTue 4xWed 4xThu 0xFri 0xSat 2xSun

This might be interesting, ref the E15 schedule and the possible tx site(s) of E25! Let us expand from “275-280” msgs to include ALL E25 messages for a period. Let us look at e.g. May -05 to today, Mid March -06:

Friday TXs, All Types of Messages Included, May -05 to March -06:

03 Feb -06 ord. msg ip, ID unknown
18 Nov -05 222 msg
14 Oct -05 275 (“old” 275) msg
09 Sep -05 222 msg
02 Sep -05 222 msg
26 Aug -05 785 2
26 Aug -05 227 4 220 3
03 Jun -05 275 msg
13 May -05 909 27
06 May -05 442 msg

From May -05 to March -06, E25 logs show a total of 95 msgs. Of these, 10 were on Fridays. This would be just slightly below an average distribution.

BUT:

After the new “275-280” format appeared 4 months ago, a total of 44 msgs have been logged in all acc to E2K NLs, but only 2 of these tx’s were on Fridays, and none of these 2 were “275-280” format (On 18 Nov 222 msg & 03 Feb unknown id, but a reg msg, no 280-rpts). This could indicate that E25 has changed policy regarding Friday tx’s, and strongly reduced them.

Proof-reading this small “study”, I realise that this effort leaves more questions than answers – as such studies tend to end up! I guess it just reflects the intrigue surrounding E25!

Of course, as always, these statistics might also just be a reflection of our listening patterns, propagation conditions, etc.

Thanks Fred! [\[Tnx E25 Desk!\]](#)

G06

[\[G06 Schedules across one year, via H-FD at end of NL\]](#)

LOGS:

5190kHz 2000z	06/03[308 00000]AF
5442kHz 1930z	10/03[...361 31 00000 – slow zeros, started late?]AF
1930z	24/03[947 361 31 57351...]
5931kHz 1830z	09/03[597 136 30 80519..]AF
5934kHz 1830z	23/03[597 136 32 82519..]AF
6875kHz 1900z	06/03[308 00000]AF
8055kHz 1900z	03/04[308 527 106 63103 ...00000 1922z]FredNL
6930kHz 2000z	03/04[308 527 106 63103 ...00000 1922z]FredNL and RRGB
8055kHz 1900z	03/04[308 527 106 63103 ...00000 1922z]FredNL

TUESDAY:

8055kHz 1900z	04/04[308 527 106 63103 54091 82352 ... 106.. 00000 (fuennef neujen) ends 1923z] Capitanex
8055kHz 1900z	04/04[308 927 106 63123]RNBG
6930kHz 2000z	04/04[308 927 106 63123]RNBG

FRIDAY:

5442kHz 1930z 10/03 [947 361 31 57351..]FredNL
Strong. Msg was:
57351 46960 49739 92392 26286 47046 00116 71133 09240
94187 37708 16904 69629 05183 98295 30604 88103 29413
97128 83407 04682 31559 37590 78760 19566 92226 47644
73969 84549 45166 60655

Excellent analysis from PoSW:

First Monday in the Month 1900 + 2000 UTC Schedule call always "308";-

6-Mar-06;- 1900 UTC, 6,875 KHz, "308 308 308 00000", strong signal, lower sideband well suppressed. Almost the same frequency as in March last year which was 6,870, would probably have been today but for the strong wide-shift FSK signal on that frequency this evening.

2000 UTC, 5,190 KHz, same as in March 2005, second sending, strong signal.

3-Apr-06;- 1901 UTC, 8,059 KHz, something of a delayed start this evening; carrier was up on 8,055 KHz - the frequency used for this sending in April last year - at 1840z, QSYd to 8,059 around 1850z. Went on and off several times and just before 1900z went off after some ragged, tearing noises, sounded like something arcing over in the TX final! Suddenly came up 1901z calling "308" for a full message, DK/GC "527 527 106 106", strong signal, lower sideband well suppressed.

2000 UTC, 6,930 KHz, "308" and "527 527 106 106", second sending, started on time, almost the same frequency as in April last year, 6,935 KHz.

4-Apr-06, Tuesday;- 1900 UTC, 8,055 KHz, next day repeat of yesterday's "308" and "527 527 106 106", much weaker signal than yesterday, missed second sending.

Thursday 1830 UTC Schedule;-

9-Mar-06;- 5,931 KHz, as in March of previous years has moved from 4,519 KHz used in the winter months to a frequency inside the 49 metre band. Call "597", DK/GC "136 136 30 30", severe interference from broadcaster Radio Prague on 5,930 KHz, difficult copy.

23-Mar-06;- 5,934 KHz, "597" and "136 136 30 30", as when last heard two weeks earlier. Slight change of frequency but still swamped by broadcast station.

13-Apr-06;- 5,934 KHz, has missed two weeks, call "597", DK/GC "832 832 35 35", same frequency as when last heard on 23-March but a much stronger signal, difficult copy as AM thanks to the S9++ broadcaster on 5,930 but this is completely removed by using the RX in USB and there was no problem in copying the 5F message, "57944 46878 65481 48671 47171.....".

Friday 1930 UTC Schedule

Friday 1930 UTC Schedule, always used to be the same DK/GC and 5F message as on the preceding Thursday at 1830z but with a different call but has often not been the case in recent months and was not so in March;-

10-Mar-06;- 5,442 KHz, started late at 1931 & 30 seconds UTC, the expected change of frequency from 4,792 KHz used in the winter months. Call "947", DK/GC "361 361 31 31", NOT the same as Thursday's 1830z sending. Carrier was up when checked at 1844z, nothing heard until start up time, certainly none of the club-dance type music which preceded the Friday Night Fraulein on 10-February!

24-Mar-06;- 5,442 KHz, "946" and "361 361 31 31", same as on the 10th but not the same as yesterday's 1830z.

14-Apr-06;- 5,442 KHz, the Friday transmission is well known for the carrier being up well before start-up at 1930z but tonight was a record because the frequency was being warmed up at 1823 UTC, well over an hour earlier when a chance tuning across this part of the spectrum found the Friday Night Fraulein calling "1-2-3-4-5-6-7-8-9" over and over, no "Null"! Plain carrier for an hour or so until 1930z during which time the signal strength had gone down from a good S9 to S3 or 4 at best. Call "947", DK/GC "283 283 37 37", not the same 5F message as yesterday's 1830z sending. These two transmissions always used to send the same message but with a different "call" but this convention has often been broken in recent months.

Started to copy the message, "86454 65474 38718 15451 26286....." but not long afterwards the signal became so weak as to be unreadable and sank into the noise.

Weekend Schedule;-

The G06 YL had been heard several times in Jan and Feb on Saturdays at 2200 UTC in the region of 4,441 KHz, probably alternate weeks, repeated on the following day if "full message". Not found on this frequency in March but was logged once higher up;-

18-Mar-06, Saturday;- 2200 UTC, 5,252 KHz, "843 843 843 00000", same call as in Jan. and Feb. Found in progress just after 2200z, S9+ signal, lower sideband well suppressed. Was probably also on two weeks earlier, i.e. 4-March but I have lost track of it in April. [Tx Peter].

G22

4832kHz 2301z 02/03[186Nr272Gr20 20946] FredNL and RNGB

SLAVIC STATIONS

Chart 24

M10, S10d and S17c from 15th May, 2005

Compiled by the Slavic Desk

Freq kHz	Freq //	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Activity Designation
8175	9986			S0150	S0150				R
4836	7380							0210	R
5093	7475			0330		0330			R
5078	7745				0340				ALT
3810	5861		0400	0400		0400			R
6782								0410	R
7745	9166				S0410	S0410			R
4030	6758			0430					R
				0430					
6758	9166		0450	0450					R
8175			S0450			S0450			R
4030	6782	0535	0535		0535			0535	R
9369	13405		S0540	S0540					R
9385	11417					S0600		S0600	R
14565	15898	0615	0615	0615	0615	0615	0615	0615	R
9385								0700	R
9986	13405							S0755	R
4782					0800	0800			ALT
8175	9986				S0820	S0820			ALT
15898					0830				
15785	18303					1000	1000		
18303						1100	1100		ALT
7475			1140	1140					ALT
			1200	1200					
8190	12295				1200	1200			
						1230	1230		
4485	6758	1250	1250	1250	1250	1250	1250	1250	R [S17c]
5027	7380		1340	1340					ALT
7380	10923		1410	1410					R
13405						1440	1440		ALT
7745	9166							S1520	R
13405						1530	1530		ALT
4485	6763	1610	1610						ALT
4030	6801	1630	1630		1630			1630	R

Freq kHz	Freq //	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Activity Designation
10125				1640					R
5078	7745		1700	1700					
5078	8175				1700	1700			
8175	13405			1720		1720			R
8190	12295						1720		R
8190	13502		S1740	S1740					R
5945	9972	1800				1800			R
5076	8190		1820	1820					ALT
9986					S1820	S1820			ALT
14978					1840	1840			ALT
13405	14445			S1855	S1855				
5076	7475				1900	1900			ALT
8143	12226	1920	1920						R
8190	13405				1940	1940			ALT
9385	14445			1950		1950		1950	R
3563	4485		S2020			S2020			R
8175	9986	S2050		S2050					R`
3810	5735		2100		2100				R
7475	9166					S2130		S2130	R
5945	9166		2200	2200					R
9369			2200	2200					R

Freqs ± 2kHz

Activity Designations:

R: Regular transmissions on the time and day shown weekly

I: Irregular transmissions on the day and time shown

ALT: Regular transmissions on the day and time shown, but on alternate weeks.

Chart 24 shewn above is almost identical to Chart 23, however the following additions and alterations:

Wednesday/Thursday 1700z 5917kHz is the // to 9166kHz; Monday/Tuesday 2200z is now 3522//4485kHz; Monday/Tuesday 2200z 5945kHz, no //; Tuesday/Wednesday 1855z 13405//15785kHz (15785 is a new frequency).

The 2200z changes, brought to my attention by RNGB, and the 1855z frequency, brought to my attention by PoSW, my thanks to you both.

The rotational change returned to normal on the 1st May, therefore Chart 24 is the updated version of Chart 20.

However, expect some changes. The next Chart 25 will include changes that have already come to light. The new // for S17c is 4485kHz and found by Fritz Nusser, well done Fritz!

A new schedule on Thursday/Friday 1000z on 15785//18303kHz. The 1100z schedule remains as stated but on 18303kHz only repeated at 1440z and 1530z.

The schedules shewn with no frequencies assigned are still believed to be active an a concerted effort would be appreciated to assist with their discovery.

73 Derek – DoK – Slavic Desk [Tnx Derek].

S04

No reports this time.

Pronunciation of numerals

0 is Nuar 2 Should be Davouka 3 is Thuree .
The figure 8 Osem Sounds like Arthur
The figure 9 Devet Sounds like David.

S06. See end of this Newsletter for the updated "S06 Regular skeds ending slow"

13515kHz 0946z 03/03[516 423 9 12228.. 516 two mins early; 12228 31761 19274 64784 52602 21293 22644 64662]FSNL

Report from RNGB:

S06 (slow ending) log for March

1st	0830	7335	'745' 983 6 56478
	0830	9255	'471' 962 5 51145
	0840	9480	'328' 476 5 57485
	1240	8270	'371' 492 5 68320
7th	0700	5760	'374' 208 9 45124
	0716	6930	'374' repeat;
	0800	11635	'352'
	0810	10420	'352'
8th	0820	7605	'471' 962 5 51145
	0830	9255	'471' repeat
	0830	7335	'745' 983 6 56478
	0840	9480	'328' 476 5 groups
	0850	11040	'328' repeat
9th	1000	9225	'895 403 6 46694
	1010	11515	'895' repeat
13th	1200	9145	'831' 00000
16th	1400	8650	'314' 00000
17th	0700	7795	'196' 00000
24th	0930	12140	'516' 00000
	0940	13515	'516' 00000
29th	0820	7605	'471' 00000
	0830	9255	'471' 00000

S06 (slow) is much clearer now that the old 'Babooshka' has been changed for a nice Young Lady who's pronunciation is very good. Frequencies have changed to the March/April/Sept/Oct set, and are all as expected.

Most will keep to original times but a few will move 1 hour early.

There would appear to be at least two different transmitters in use. Some of the higher frequency skeds (like Weds 0700 ID 729 and 0840 ID 328) use AM mode with lots of amplifier hum, and most of the lower frequency skeds have the lower sideband well suppressed.

The Weds sked for ID 475 is unusual in that it keeps same frequency all year. It is thought that it does repeat 10 minutes later, but the frequency has never been found. (Probably buried under a strong broadcast station). This sked is expected to move one hour early in May starting at 0730.

S06 (fast ending)

1st	1300	8130	'480' 256 41 32978
	1800	5735	'471' 00000
6th	1300	8130	'480' 216 42 08739
7th	1500	12200	'493' 00000
	1630	9070	'126' 973 64 22351
	1730	6960	'126' repeat
8th	1800	5735	'471' 00000
9th	0939	9225	'480' 637 44 62662
13th	1300	8130	'480' 679 40 groups
14th	1400	14390	'493' 259 137 47242
	1500	12200	'493' repeat
	1630	9070	'126' 483 75 51654 (No 8s or 9s in msg)
	1730	6960	'126' repeat
15th	1300	8130	'480' 192 40 71791
18th	1600	6788	'108' 00000
22nd	1302	8137	'480' 597 41 37428 (2 mins late and 7 kcs up on expected frequency)
25th	1600	15840	'724' 00000
27th	1200	8130	'480' 531 43 34507 (1 hour early, in line with UK clock change?)
	2115	6980	'491' 00000
	2215	5358	'491' 00000
29th	0830	9225	'480' 362 45 29892
	1200	8130	'480' 632 42 85415

Most skeds will repeat at same time the following day when there is a message.

There are a few exceptions of course.

A strange one is the ID 480 which has popped up on several occasions this month and does not seem to have a repeat. All the messages have been different (look at last entry for 29th March) Different message on same day!

It likes frequencies 8130 and 9225 and also likes Mondays and Wednesdays. Times are around 0830/0900 and 1200/1300.

May change ID next month? Another peculiarity is that the frequency is not tuned up and keyed ready for the transmission – it just pops up without warning. So just because you don't hear any carrier wave on these frequencies does not mean that it won't be there!

On Thursday the 9th it came up on 9225 kHz at 0939 with a message and just ended before the start of S06 (slow) sked on the same frequency with ID 895. I wonder if the transmissions were co-ordinated? It would have been interesting if S06 (fast) had run into S06 (slow)

The Saturday afternoon sked of ID 724 on 15840/13890 was on a very high pair of frequencies for the time of year and I only heard 15840 very weak on the 4th Saturday, and not audible on the 2nd.

Another interesting one is ID 126 which has not had any 8s or 9s in the message body. I recognised that this may be a simple binary code sending 3 bits (making 8 numbers; 0 to 7) from my days of studying radar theory.

This is how aircraft mode 3/A radar transponders work and they send 3 bits x 4 to make 64 codes and then they combine that with another box of 64 codes giving a total of 4096.

000 = 0; 001 = 1; 010 = 2; 011 = 3; 100 = 4; 101 = 5; 110 = 6; 111 = 7

Of course it may be, as Paul suggested, that the cryptographer just had an aversion to 8s and 9s [Tnx RNGB].

PoSW's logs:

Second and Fourth Saturdays in the Month 1600 + 1700 UTC, call always "724";-

25-Feb-06;- 1600 UTC, 13,380 KHz;- "724 724 724 00000", strength S8, lower sideband well suppressed.

1700 UTC, 11,430 KHz, second sending. I can't remember when this schedule last sent a "full message", if at all. Had also been heard on the second Saturday in Feb., the 11th, same frequencies as in Feb. last year.

11-Mar-06;- unable to find "724" today, the second Saturday in March; has been using the same frequencies as in the same month last year so was expected to be on 15,840 + 13,890 KHz, used in March 2005 but nothing heard. Try again on the fourth Saturday, the 25th.

25-Mar-06;- 1600 UTC, 15,840 KHz, "724 724 724 00000", found on the expected frequency but a very weak signal, only just readable.

1700 UTC, 13,890 KHz, second sending, also on the expected frequency, much stronger than the first, peaking S7 with deep QSB.

Strange that neither sending was heard at this QTH two weeks ago.

8-Apr-06;- and again, unable to find "724" on the second Saturday in April, was on 14,910 + 12,190 KHz in April last year, neither sending found although there was a very weak signal of some kind on 12,190 at 1700z but unable to hear any kind of voice. Better look again on the 22nd!

22-Apr-06;- no sign of either sending of "724" on the frequencies used in April last year, either too weak to be copied or using different frequencies entirely.

Second and Fourth Saturday 1605 UTC Schedule, moved to 1600 UTC in April;-

11-Mar-06;- 1606 UTC, 5,463 KHz, S06 in progress with "108 108 108 00000", S8 signal, stopped 1609z so must have started 1605z. There used to be a second + fourth Sat S06 at 1600z on 6,772 KHz with call "890" but I lost track of it late last year.

25-Mar-06;- 1605 UTC, 5,463 KHz, "108 108 108 00000", S7 with lower sideband well suppressed. Carrier with tone was warming up the frequency 1549z.

8-Apr-06;- 1600 UTC, 6,788 KHz, starts five minutes earlier and on a higher frequency in April, "call" remains the same though, "108 108 108 00000", strength peaking S9, lower sideband well suppressed, close to strong "XJT" on the LF side removed by copying S06 in USB mode.

22-Apr-06;- 1600 UTC, 6,788 KHz, "108 108 108 00000" again, S9+ signal, carrier was up at 1548z, no QRM today.

Saturday 1930 UTC, Schedule;- appeared to be a weekly S06 in March - but turned out not to be so;-

4-Mar-06;- 5,746 KHz, "428 428 428 00000", strength S7, lower sideband well suppressed. A carrier with tone had been noted 1917z, a single "spoken "Cheteria dva vosyem" shortly after then went off until start-up on the half hour.

11-Mar-06;- 5,746 KHz - didn't expect this to appear two weeks in a row but carrier with tone was up 1919z, "428 428 428 00000" at 1930z.

18-Mar-06;- 5,746 KHz, "428 428 428 00000", stronger than before, S9 with a distinct loud click before each spoken "Cheteria". But this was the last time this one appeared; not heard when listened for on the following Saturday, 25-March. Not found in April so far.

Tuesday 1630 + 1730 UTC Schedule;-

28-Feb-06;- 1730 UTC, 5,380 KHz, calling "497" - this schedule always has a full message - DK/GC "521 521 63 63", second sending, strong signal, lower sideband well suppressed.

1-Mar-06, Wednesday;- 1741 UTC, 5,380 KHz, next day repeat of yesterday's full message in progress, still on January's frequency. Ended 1745z with "521 521 63 63 00000".

7-Mar-06;- 1730 UTC, 6,960 KHz, a change of frequency, calling "126", DK/GC "973 973 64 64".

8-Mar-06, Wednesday;- 1738 UTC, 6,960 KHz, next day repeat in progress, ended 1745z, "973 973 63 63 00000".

14-Mar-06;- 1730 UTC, 6,960 KHz, calling "126", DK/GC "483 483 75 75"

28-Mar-06;- 1630 UTC, now that British Summertime has started S06 appears one hour later local time since it stays on UTC. 9,070 KHz, first sending, call "126", DK/GC "543 543 78 78", strength S7, lower sideband well suppressed, "10114 72151 23417 32544.....".

1730 UTC, 6,960 KHz, second sending of "126" and "543 543 78 78".

4-Apr-06;- 1630 UTC, 10,842 KHz, moving higher in frequency with the increasing hours of daylight, calling "036", DK/GC "854 854 71 71", strength S6.

1730 UTC, 8,180 KHz, second sending of "036" and "854 854 71 71". Stronger than first sending, S8 to S9. QRM from what sounded like 2-way SSB comms in Spanish language, lots of "Cambio cambio".

5-Apr-06, Wednesday;- 1630 UTC, 10,840 KHz and 1730 UTC, 8,180 KHz, next day repeats of "036" and "854 854 71 71".

11-Apr-06;- 1630 UTC, 10,825 KHz;- calling "036", DK/GC "941 941 72 72"

1730 UTC, 8,180 KHz, second sending.

12-Apr-06, Wednesday;- 1637 UTC, 10,842 KHz, next day repeat 17 KHz higher, ended after 1646z with "941 941 72 72 00000".

1730 UTC, 8,180 KHz, second sending.

Second + Fourth Monday Schedule:-

13-Mar-06;- 2115 UTC, 6,980 KHz, "491 491 491 00000", strength S7, lower sideband well suppressed, sideband splash from the strong BC station on 6,973 KHz. Carrier with tone noted just before 2100z, single spoken "491" a few seconds afterwards.

27-Mar-06;- 2115 UTC, 6,980 KHz, "491 491 491 00000", again, unable to find a repeat sending.

10-Apr-06;- 2015 UTC, 8,150 KHz, "825 825 825 00000".

[See end of this Newsletter for the updated "S06 Regular skeds ending slow"](#)

S10d

Before we move onto the logs PoSW's analysis of this station and his logs:

As expected, and as in previous years, there were several frequency changes with many of the regular weekly S10d schedules in the first week of March, in general moving higher. And also as expected, S10d remains on UTC with the start of summertime which means transmissions appear one hour later clock time. Always with two frequencies in //, often one strong and one much weaker and often wide variations in signal strength from week to week for some reason.

Weekly schedules include the following:-

Saturday 1520 UTC, 8,175 // 9,985 KHz, this is one S10d which did not change frequencies in March. 8,175 KHz is usually the strongest of the two frequencies although there is a strong "XJT" on the LF side but this can be removed by using the receiver in USB mode. 9,985 suffered from interference from broadcast stations throughout the earlier months of the year, one of which attracted the attention of a swept-frequency jammer but all this has gone in April leaving the Czech YL a clear signal.

Saturday + Thursday 2130 UTC, 5,473 // 6,894 KHz, changed in March from 4,446 // 5,904 KHz used in the winter months. Wild variations in signal strengths form week to week, on Thursday 2-March both were very weak, 6,894 only became audible towards the end of the transmission, one week later on the 9th both were S9 to S9+.

Saturday + Thursday 0600 UTC, 11,416 KHz. // should be 9,985 KHz as in April of previous years but not heard so far! Probably a weak signal under a broadcast station on that frequency. In fact I could not even confirm 11,416 until Thursday 20-April when the Czech YL was fully audible for the first time with "555 555 555 115 115 115 41".

Sunday + Tuesday 2050 UTC, 7,745 // 6,894 KHz, changed in March from 5,272 // 5,904 KHz used in the winter months, again signal strengths variable. On Sunday 5-March 7,745 was very weak and 6,894 could not be heard at all. On Sunday 26-March both frequencies were S9 at first but propagation must have been changing because 7,745 became much weaker in the last few minutes of the transmission. On Tuesday 14-March both frequencies were transmitted with the carrier suppressed which meant that the receiver had to be in USB mode

Monday + Tuesday 1740 UTC, 6,945 // 10,582 KHz, changed from 5,028 // 7,605 KHz used in the winter. Always has two separate 5F messages.

Non Weekly Schedules:-

These schedules which do not appear weekly are more easy to miss than those which show up on the same day of each week, also these have somewhat unusual start-up times which makes them more likely to be overlooked. However, the following have been logged in recent weeks:-

12-Apr-06, Wednesday;- 7,745 KHz, a strong carrier had been noted on this frequency at around 1750z which suggested a transmission just finished or one about to start. Nothing happened until 1820 UTC, half an hour later, when the Czech YL started up with "555 555 555 720 720 720 38". A frantic search through some back numbers of the E2K newsletter with regard to the Slavic Desk's charts found a listing for an "Alternate" sked with a // of 9,386 KHz which, by Jove, on checking it was although it was a much weaker signal and I thought the frequency was closer to 9,385. Presumably will show up again on 26-April.

5-Apr-06, Wednesday;- and now for something completely different, surprised to say the least while tuning around just after 1906 UTC, 8.06 PM BST, to find the S10d YL in full flow on 15,785 KHz at the top end of, or just outside, the 19 metre band. I am sure I have never logged this frequency before and I can't see it listed in E2K. There were some strange propagation conditions at the time, all of the broadcast stations in the 19 metre band were much weaker than usual for this time of the day, not too long after sunset and indeed, the Czech YL was stronger than most of them. S10d ended just before 1908z with the usual "Pozor pozor" and "62 62 38 38" and "Konets konets". The Slavic Desk's chart 18 in E2K28 lists an Alternate Wednesday 1855z transmission on 13,405 KHz so maybe this is the //. Must check again on 19-April.

19-Apr-06, Wednesday;- 1855 UTC, 13,405, // confirmed as 15,785 KHz but much weaker than when heard on the 5th. "555 555 555 720 720 720 36". 13,405 peaked S7 briefly during the call-up before sinking into the noise, 15,785 only just detectable, I would never have been able to find this if I had not heard the stronger showing earlier in the month. Severe QRM hash from all the TV sets running in the vicinity. [Tnx PoSW]

2774//3383kHz2020z 16/03 555 467 57 22 pp 97219.. kk 2030z

Message contents:

97219 86711 88399 76264 66895 13120 98391 87698 00633 85515
72035 07762 67434 45179 15070 63227 49748 35908 94697 85434
66564 71930

Jakub from Prague, Czech Republic sends in:

13405kHz 0823z 26/04
...
555 555 555 124 124 124 22
555 555 555 124 124 124 22
555 555 555 124 124 124 22
555 555 555 124 124 124 22
555 555 555 124 124 124 22
124 124 124
49 49
22 22
pozor pozor
52616 52616 71515 71515 13082 13082 32626 32626 21381 21381
24689 24689 57499 57499 84606 84606 01803 01803 88384 88384
50636 50636 41271 41271 02231 02231 61912 61912 16334 16334
17713 17713 87616 87616 36613 36613 34473 34473 68099 68099
97838 97838 42942 42942
pozor pozor
49 49
22 22
konec konec

Reports also received from FredNL, mndbs and MalcF

S11a

4016kHz 2100z 01/03[971 cherta 00]FredNL
2100z 15/03[971/00]AF

2100z 05/04[971/00]AF

7377kHz 0900z 01/03[215/00]RNGB

7984kHz 1030z 16/03[217/00]AF
1030z 23/03[214 cheta 00] Mndbs (USB S7)
1030z 30/03[214/00]AF

4016kHz 2100z 19/04[971/00]AF

7377kHz 0900z 05/04[215/00]RNGB
0900z 26/04[214cherta00]FredNL

7984kHz 1030z 27/04[214cherta00]FredNL and AF

S11b

7377.3kHz 0900z 08/03 211/34 [GD and DoK]

77777 77777 68593 77563 95623 12838 52731 94987 13820 38636
45563 25695 55303 85259 91991 63052 66672 85073 81297 11996
80790 88282 03532 95657 79072 53003 85616 92050 9890 71362
95233 07887 77777 77777

Some of the 4 and 5 might not be correct as 4 is Chetyorka and 5 is Petyorka, any corrections welcomed.

7984kHz 1030z 09/03[77777 77777...]DoK

7984kHz 1030z 20/04[211/34 77777 77777 36313...] AF

S17c

The S17c Freqs until next change are: 5301//8190kHz [nos courtesy of AF, FredNL, H-FD, DoK, mndbs and PLondon]

Note 26/03 sending did not sent the 5f grp, just the usual preamble etc ending at 1257z

Note some strange numbers in April's intercepts.

02/03 65028; 03/03 58029; 04/03 59036; 05/03 64029; 06/03 63030; 07/03 59028; 08/03 58031; 09/03 63028; 10/03 63030; 11/03 50028;
12/03 60030; 13/03 49028; 14/03 59029; 15/03 51030; 16/03 73030; 17/03 68028; 19/03 83033; 20/03 59027; 21/03 58031; 22/03 58030;
23/03 59030; 24/03 62030; 25/03 63032; 26/03 xxxxxx; 27/03 57030; 28/03 64020; 29/03 64030; 30/03 63030;

01/04 61029; 02/04 64029; 03/04 65030; 04/04 58031; 05/04 68030; 06/04 64029; 07/04 **10036**; 08/04 60030; 09/04 59031; 10/04 68031;
11/04 69031; 12/04 59030; 14/04 **46029**; 15/04 72042; 16/04 54029; 17/04 61031; 18/04 63031; 19/04 66031; 20/04 61031; 21/04 58029;
22/04 59021; 23/04 66033; 27/04 59032; 28/04 57031; 29/04 72035; 30/04 67030;

Now 4485//6758kHz

S21

4454kHz 1846z 14/03 mndbs – message detail below:

638 371/30

22892 19044 17044 78399 79998 99931 94850 13766 32583 43843
88638 47885 91444 58338 95466 60046 64353 26585 93988 49108
83224 41854 39179 38568 92678 50920 19062 29801 35224 41941

antioc 371 30 000

4454kHz 1848z 16/03[y], reading russian numbers, weak, in strong QRM from 2-way comms. Only able to identify single numbers, no groups, but fits w/Gerts predictions] FredNL.

4454kHz 1850z 06/04[counting in Slavic language] //4854kHz FredNL

4854kHz 1843z 25/06[weak in noise, but calling '4?4', DK/GC 223/32, 000 1853z] FredNL

27th April: 1850z 4454//4854 S21 msg ip, rpt of Tue tx, got only parts of last 18 grps. Ends 223 223 32 32 0 0 0 1853z FredNL

S25 No reports.

V02 Cuban Stations

This station has now achieved world notoriety after being heard in Australia , details later.

PoSW reports his monitoring of the Spanish Lady before we move on the Mark Slaten's comprehensive logging from the US and his schedule charts which can be seen at the end of the Newsletter.

Signals from the Senorita from Havana heard in the UK morning time have become slightly stronger as we proceed through the spring with rapidly increasing hours of daylight.

2-Mar-06, Thursday:- 0711 UTC, 9,153 KHz, transmission in progress, weak signal but had come up to S6 when checked again at 0740z. Ended with 3 x "Finale" just after 0745z.

4-Mar-06, Saturday:- 0713 UTC, 9,153 KHz, weak but reasonably clear, best reception of this Saturday morning transmission for a while.

5-Mar-06, Sunday:- 0805 UTC, 9,354 KHz, very weak signal, this Sunday morning V02 noted in February and continues in March.

9-Mar-06, Thursday:- 0709 UTC, 9,153 KHz, weak but clear.

2038 UTC 7,887 KHz, transmission in signal, strength S4 at best, these V02s in the UK evening have become very weak in the last month or so. Ended after 2041, a bit earlier than usual, with 3 x "Finale".

16-Mar-06, Thursday:- 0712 UTC, 9,153 KHz, strength S6.

17-Mar-06, Friday:- 0711 UTC, 9,063 KHz, peaking S7, QRM from utility transmission.

2032 UTC, 7,882 KHz, very weak signal, only just detectable.

18-Mar-06, Saturday:- 0700 UTC, 9,153 KHz, strength S7 with deep QSB, managed to be in at the start-up, "Atencion, 67932 37911 23941".

24-Mar-06, Friday:- 0636 UTC, 8,010 KHz, V02 just audible under severe FSK interference.

0714 UTC, 9,063 KHz, weak signal.

25-Mar-06, Saturday:- 0641 UTC, 8,097 KHz, signal strength S6 to S7, ended with 3 x "Finale" 0646z.

0702 UTC, 9,153 KHz, - carrier was up on the hour but voice did not start until almost two minutes afterwards - "Atencion, 99742 37912 23943. Signal strength up to S7 but with deep QSB.

30-Mar-06, Thursday:- 0539 UTC, 8,097 KHz - summertime now in force so V02 shows up one hour later local time - transmission in progress, strength S7 with QRM from a wide-shift FSK signal off to one side. Ended with 3 x "Finale" 0546z. Thought this might start up again on the hour but when checked several times between 0600 and 0610 UTC there was just a plain carrier with a slight background hum.

31-Mar-06, Friday:- two separate transmissions presumably having started around 0600 UTC:-

0611 UTC, 9,323 KHz, very weak signal; and another V02 on 8,010 KHz, much better signal, peaking strength S8, good audio and no sign of the FSK station which often sits close to this frequency.

1-Apr-06, Saturday:- 0719 UTC, 9,153 KHz, transmission in progress, much weaker than on past few Saturdays, only just making S3.

2-Apr-06, Sunday:- Two Sunday morning transmissions this morning, the Sunday 0800z on 9,385 KHz logged in Feb. and Mar. seems to have gone:-

0716 UTC, 9,063 KHz, this frequency noted on Fridays, not heard on a Sunday before; transmission in progress, only strength S5 with deep QSB right down into the noise, paused at 0718 UTC and repeated "53161" several times before continuing with more 5Fs.

0819 UTC, 7,975 KHz, another V02 in progress, signal strength peaking well over S9, by far the best reception of a V02 for a long, long time.

3-Apr-06, Monday:- 0612 UTC, 9,331 KHz, weak signal with a distinct echo effect, no doubt due to some kind of multi-path propagation.

6-Apr-06, Thursday:- no sign of V02 on 8,097 KHz when checked around 0540z or again after 0600z, not even a carrier.

7-Apr-06, Friday:- 0612 UTC, 8,010 KHz, transmission in progress, strength S7 to S8, good audio, no background hum, buzz or distortion. Nothing heard on the other Friday 0600z frequency, 9,323 KHz.

8-Apr-06, Saturday:- no sign of a transmission at 0600 UTC on 8,097 KHz.

0700 UTC, 9,153 KHz, carrier only when monitored on the hour and for several minutes afterwards. Voice was in progress when checked again 0735z, peaking S7 with deep fading. Suddenly became very weak, sank into the noise and vanished at 0742z, no "Finale" heard, perhaps a transmitter fault?

9-Apr-06, Sunday:- 0759 UTC, 7,975 KHz, started one minute before the hour, "Atencion, 72263 63952 19832", only strength S4 at best, much weaker than last Sunday when it was S9+.

14-Apr-06, Friday:- 0624 UTC, 8,010 KHz, weak signal, nothing heard on 9,323 KHz.

15-Apr-06, Saturday:- no sign of the Senorita from Havana on 8,097 KHz when checked at around 0620z or on 9,153 KHz after 0700z, not even a carrier.

16-Apr-06, Sunday:- 0711 UTC, 9,063 KHz, very weak signal of some kind on the frequency noted in use on Sunday 2-April, too weak to confirm as V02.

0800 UTC, 7,975 KHz, very weak signal, could just make out the "Atencion" of the call-up.

20-Apr-06, Thursday;- 0538 UTC, 8,097 KHz, first time I have heard this Thursday transmission for several weeks, good signal this morning varying between S7 and S9. Expected to start up again at 0600z but in fact started just before the hour, when checked at 0559z was calling up with "Atencion, 49593 00583 05362, then "49593" repeated and into 5Fs after 0602z.

21-Apr-06, Friday;- 0609 UTC, two transmissions in progress, 8,010 KHz, strength S7 with background buzz and 9,323 KHz, very weak signal, only just detectable.

22-Apr-06, Saturday;- no sign of a transmission on 8,097 KHz when checked after 0600z, but;-

0701 UTC, 9,153 KHz, this one did show up this morning, carrier up when checked just before the hour, voice did not start until a minute past, "Atencion, 59702 04593 35422". Peaking strength S6 with deep QSB.

Thanks Peter, now on to Marks excellent logs:

March: MS US

V02a

4017kHz 0300z 21/03[A77313 11663 99421 (YL/SS)]

4028kHz 0500z 10/03[A33252 92863 03171 (YL/SS)]

4035kHz 1000z 25/03[A65543 ----- (Already in progress. YL/SS)]

4174kHz 0300z 20/03[(Already in progress. YL/SS)]

4479kHz 0300z 22/03[A75314 65541 00992 (YL/SS)]

6885kHz 2100z 01/03[A34741 26871 37401 (YL/SS.)MSUS
2100z 07/03[A94581 63331 79181 (YL/SS. Repeat of 2000z on 7887m)]
2100z 08/03[A94582 63332 79182 (YL/SS. Repeat of 2000z on 7887m)]
2100z 09/03[A94583 63333 79183 (YL/SS)]
2100z 10/03[A00951 35271 76341 (YL/SS. Repeat of 2000z on 7887m)] 6854kHz
2100z 20/03[A04501 71131 88441 (YL/SS. Repeat of 2000z on 7887m)]
2100z 27/03[A86532 10032 19692 (YL/SS. Repeat of 2000z on 7887m)]
2100z 28/03[A86533 20,63 21513 (YL/SS. Should be repeat of 2000z on 7887m, but changed the last two addressees)

7555kHz 0800z 06/03[A76572 53312 04602 (YL/SS)]

7583kHz 1000z 27/03[A----- 10673 72023 (YL/SS. Already in progress)]

7681kHz 1000z 27/03[A41631 70532 97612 (YL/SS)]

7887kHz 2000z 01/03[A34741 26871 37401 (YL/SS)]
2000z 07/03[A94581 63331 79181 (YL/SS)]
2000z 08/03[A94582 63332 79182 (YL/SS)]
1000z 10/03[A49713 41052 54812 (YL/SS)]
2000z 10/03[A00951 35271 76341 (YL/SS)]
2000z 13/03[A68721 37631 87151 (YL/SS)]
2000z 18/03[(Late start at 2004z. Message already in progress. YL/SS)]
2000z 20/03[A04501 71131 88441 (YL/SS)]
2000z 21/03[A04502 71132 88442 (YL/SS)]
2000z 27/03[A86532 10032 19692 (YL/SS)]
2000z 28/03[A86533 10033 19693 (YL/SS)]

7975kHz 1600z 01/03[A89001 57721 27911 (YL/SS)]
1600z 06/03[A13903 60473 25953 (YL/SS)]
1600z 07/03[A15391 97901 65431 (YL/SS)]
1600z 08/03[A15392 97902 65482 (YL/SS)]
1600z 10/03[A68221 76021 43481 (YL/SS)]
1000z 25/03[A72863 74793 29393 (YL/SS)]
1600z 27/03[A66562 34142 75232 (YL/SS)]
1600z 28/03[A66563 34143 75233 (YL/SS)]

8010kHz 1700z 01/03[A89001 57721 27911 (YL/SS) Repeat of 1600z on 7975m]
1700z 06/03[A13903 60473 25953 (YL/SS Repeat of 1600z on 7975m)]
1700z 07/03[A15391 97901 65431 (YL/SS.Repeat of 1600z on 7975m)]
1700z 08/03[A15392 97902 65482 (YL/SS. Repeat of 1600z on 7975m)]
1700z 10/03[A68221 76021 43481 (YL/SS. Repeat of 1600z on 7975m)]
1700z 21/03[A45582 22512 01372 (YL/SS)]
1700z 22/03[A45583 22513 01373 (YL/SS)]
1700z 27/03[A12443 99851 03371 (YL/SS. Repeat of 1600z on 7975m)]
1700z 28/03[A66563 34143 75233 (YL/SS. Repeat of 1600z on 7975m)]
1800z 28/03 A38683 59073 43033 (YL/SS. Started on wrong freq. Moved to correct freq at **1802z**)

8097kHz 1800z 01/03[A72181 97141 13421 (YL/SS)]
1900z 01/03[A72181 97141 13421 (YL/SS)Repeat of 1800z on 8097m]
1800z 06/03[A31393 71443 75003 (YL/SS) this sked is on the wrong freq. Should be 7519m)]
1800z 07/03[A68461 21361 01001 (YL/SS)]
1900z 07/03[A68461 21361 01001 (YL/SS)] Repeat of 1800z on 8097m)]

1800z 08/03[A----- 21362 01002 (YL/SS. Late start at 1807z)]
1900z 08/03[A68462 21362 01002 (YL/SS. Repeat of 1800z on 8097m)]
1800z 10/03[A43911 60351 60161 (YL/SS)]
1900z 10/03[A43911 60351 60161 (YL/SS. Repeat of 1800z on 8097m)]
1800z 13/03[A02791 93371 81571 (YL/SS)]
1900z 13/03[A02791 93371 81571 (YL/SS.Repeat of 1800z on 8097m)]
1800z 20/03[A70441 68381 04821 (YL/SS)]
1900z 20/03[A70441 68381 04821 (YL/SS.Repeat of 1800z on 8097m)]
1800z 21/03[A70442 68382 04822 (YL/SS)]
1900z 21/03[A70442 68382 04822 (YL/SS.Repeat of 1800z on 8097m)]
1800z 22/03[A70443 68383 04823 (YL/SS)]
1800z 27/03[A38682 59072 43042 (YL/SS)]
1900z 27/03[A38682 59072 43042 (YL/SS. Repeat of 1800z on 8097m)]
1802z 28/03[A38683 59073 43033 (YL/SS. Now on correct freq from 8010m)]
1900z 28/03[A38683 59073 43033 (YL/SS. Repeat of 1802z on 8097m)]

10446kHz 1200z 06/03[A76572 03731 58631 (YL/SS)]
1300z 08/03[A58951 03733 58633 (YL/SS. Repeat of 1200z on 11566m)]
1200z 13/03[A12372 30582 92582 (YL/SS)]
1300z 15/03[A25361 44721 28771 (YL/SS. Repeat of 1200z on 11566m)]
0300z 20/03[(Already in progress. YL/SS)]
1200z 20/03[A60142 21291 63531 (YL/SS)]
0300z 22/03[YL/SS. Already in progress]
1300z 22/03[A62221 21293 63533 (YL/SS.Repeat of 1200z on 11566m)]
1200z 25/03[A12443 99851 03371 (YL/SS)]

10566kHz 1200z 07/03[A76573 03732 58632 (YL/SS)]
1200z 09/03[A----- ----- (Late start, missed callups. YL/SS)]
1200z 10/03[A49072 14162 59302 (YL/SS)]
1300z 11/03[A49073 14163 59303 (YL/SS.Repeat of 1200z on 10715m)]
1200z 14/03[(QRN too heavy to copy)]
1200z 16/03[A25362 18411 77131 (YL/SS)]
1300z 18/03[A25364 44723 28773 (YL/SS. Repeat of 1200z on 10715m)]
1200z 21/03[A60143 21292 63532 (YL/SS)]
1300z 25/03[A12441 95192 74872 (YL/SS. Repeat of 1200z on 10715m)]
1300z 26/03[A12442 95193 74873 (YL/SS.Repeat of 1200z on 11566m)]
1300z 30/04[A61282 46342 37252 (YL/SS)]

10715kHz 1300z 07/03[A76573 03732 58632 (YL/SS.Repeat of 1200z on 10566m)]
1200z 11/03[A49073 14163 59303 (YL/SS)]
1300z 14/03[A12373 30583 92583 (YL/SS. Repeat of 1200z on 10566m)]
1300z 16/03[A25362 18411 77131 (YL/SS. Repeat of 1200z on 10566m)]
1200z 18/03[A25364 44723 28773 (YL/SS)]
1300z 21/03[A60143 21292 63532 (YL/SS. Repeat of 1200z on 10566m)]
1200z 25/03[A12441 95192 74872 (YL/SS)]

11566kHz 1300z 06/03[A76572 03731 58631 (YL/SS)]Repeat of 1200z on 10446m)
1200z 08/03[A58951 03733 58633 (YL/SS)]
1300z 09/03[A----- 70201 25561(Believed this sked would be up on 10715m. rpt of 1200z on 10566m. YL/SS)]
1300z 10/03[A49072 14162 59302 (YL/SS. Repeat of 1200z on 10566m)]
1300z 13/03[A12372 30582 92582 (YL/SS.Repeat of 1200z on 10446m)]
1200z 15/03[A25361 44721 28771 (YL/SS)]
1300z 20/03[A60142 21291 63531 (YL/SS. Repeat of 1200z on 10446m)]
1200z 22/03[A62221 21293 63533 (YL/SS)]
1200z 26/03[A12442 95193 74873 (YL/SS)]
1300z 27/03[A12443 99851 03371 (YL/SS. Repeat of 1200z on 10446m)]
1200z 30/04[A61282 46342 37252 (YL/SS)]

April: MS US

Writing from his US QTH MSUS wrote in his 19/04 report, "Note: Signals are getting weaker during daylight hours at this QTH. -19/04 report."

3245kHz 0500z 24/04[(Too weak and garbled for copy. YL/SS)]
3292kHz 0200z 11/04[A92662 86261 96671 (YL/SS. Repeat of 0100z on 3389m)]
0200z 25/04[(Too weak for copy. YL/SS)]
3389kHz 0100z 11/04[A----- ----- 96671 (YL/SS)]
0100z 25/04[A.8...33 (YL/SS. Very weak and heavy QRM/N)]
4017kHz 0300z 25/04[A50872 05212 81031 (YL/SS)]
4028kHz 0100z 07/04[A----- 55886 ----- (YL/SS. Late start at 0105z)]
4035kHz 0400z 24/04[A84772 22941 12292 (YL/SS)]
4479kHz 0400z 14/04[(Too weak for copy. YL/SS.)]

5417kHz 0200z 07/04[A48286 55886 69661 (YL/SS. Repeat of 0100z on 4028m)]
0200z 14/04[A86262 96372 69362 (YL/SS)]
0200z 21/04[too weak and signal garbled. YL/SS]

5762kHz 0200z 08/04[A68732 55992 72843 (YL/SS.Repeat of 0100z on 6768m)]

6768kHz 0100z 08/04[A68732 55992 72843 (YL/SS)]
0400z 24/04[A63082 59703 69221 (YL/SS)]

6855kHz 2100z 09/04[A89923 30593 05493 (YL/SS. Repeat of 2000z on 7887m)]
0300z 24/04[A15833 05372 02582 (YL/SS. Repeat of 0200z on 12165m. Should have been on 10446m)]

7681kHz 1000z 17/04[A89801 36442 25272 (YL/SS)]
1000z 20/04[A06191 20791 71801 (YL/SS)]
1000z 24/04[A06193 67462 33512 (YL/SS)]

7887kHz 2000z 09/04[A89923 30593 05493 (YL/SS)]
1000z 11/04[A41639 58171 11141 (YL/SS)]
2000z 25/04[A84124 11064 97224 (YL/SS)]

8010kHz 1700z 08/04[A37642 66892 14532 (YL/SS)]
1700z 11/04[A60862 37182 96982 (YL/SS)]
1700z 19/04[A06501 43101 79601 (YL/SS)]
0600z 21/04[A59701 38151 05363 (YL/SS)]

8097kHz 1900z 09/04[A07173 ----- (YL/SS. In progress)]
1800z 11/04A26272 11602 11862 (YL/SS)]
1900z 11/04A26272 11602 11862 (YL/SS. Repeat of 1800z on 8097m)]
1800z 19/04[A89941 ----- (YL/SS. Already in progress)]
1900z 19/04[A89941 4.151 44861 (YL/SS.Repeat of 1800z on 8097m. Very weak signal)]
0600z 24/04[(Already in progress.Missed callup)]

9063kHz 0700z 21/04A59701 38151 05363 (YL/SS.Repeat of 0600z on 8010m)]

9112kHz 0700z 25/04[A59894 02443 14753 (YL/SS)]

9153kHz 1300z 07/04[A83741 62361 53931 (YL/SS)]
1300z 21/04[(Too weak and signal garbled. YL/SS)]

9238kHz 0700z 24/04[A59893 02442 14752 (YL/SS. Should be repeat of 0600z on 8097m)]

9331kHz 0600z 24/04[A26893 5.662 42032 (YL/SS. Very weak signal)]

10446kHz 1300z 05/04[A50725 95823 91223 (YL/SS. Repeat of 1200z on 11566m)]
1200z 17/04[A54742 05681 55221 (YL/SS)]
1300z 19/04[A67661 07683 55323 (YL/SS.Repeat of 1200z on 11566m)]

10566kHz 1200z 04/04[A50724 95822 91222 (YL/SS)]
1200z 07/04[A72261 02961 69021 (YL/SS)]
1300z 08/04[A72262 02962 69022 (YL/SS)]
1200z 11/04[A51912 12642 47152 (YL/SS)]
1200z 14/04[(Early start, already in progress. No callups sent)]
1300z 16/04[A54741 17473 71753 (YL/SS. Repeat of 1200z on 11566m)]
1200z 18/04[A54743 07682 55322 (YL/SS)]
1200z 20/04[A67662 75343 36503 (YL/SS)]
1200z 21/04[A67663 44521 25131 (YL/SS)]
1200z 25/04[A59894 35662 06572 (YL/SS)]

10715kHz 1300z 18/04[A54743 07682 55322 (YL/SS. Repeat of 1200z on 10566m)]
1300z 25/04[A59894 35662 06572 (YL/SS. Repeat of 1200z on 10566m)]

11566kHz 1200z 05/04[A50725 95823 91223 (YL/SS)]
1300z 07/04[A72261 02961 69021 (YL/SS.Repeat of 1200z on 10566m)]
0300z 14/04[A66972 94822 84272 (YL/SS. Repeat of 0200z on 12215m)]
1300z 14/04[A32602 17471 71751 (YL/SS. Should be repeat of 1200z on 10566m)]
1200z 16/04[A54741 17473 71753 (YL/SS)]
1200z 19/04[A67661 07683 55323 (YL/SS)]
0300z 21/04[A09301 15832 38481 (YL/SS. Repeat of 0200z on 12215m)]
1300z 21/04[A67663 44521 25131 (YL/SS. Repeat of 1200z on 10566m)]
1300z 24/04[A59893 35661 06571 (YL/SS. Note first callup same as 0700z on 9238m)]

12180kHz 0200z 05/04[A82205 43335 31884 (YL/SS)]

12215kHz 0200z 11/04[A----- 95712 ----- (YL/SS)]
 0200z 14/04[A66972 94822 84272 (YL/SS)]
 0200z 18/04[A71132 95713 35613 (YL/SS)]
 0200z 21/04[A09301 15832 38481 (YL/SS)]
 0200z 24/04[A15833 05372 02582 (YL/SS)]
 0200z 25/04[A71133 51571 44171 (YL/SS)]

V02a was also heard by EW in Southern Australia, on 22/04, who writes, "I have quite a weak signal on 13566 kHz, lady reading Spanish five letter groups. The time is 1319 UTC and it has been going since 1300 UTC." Thanks EW.

Others sendings were offered by RRGB:

4th April	0800	7862	
5th		0838	8010 in progress
12th		0736	9063 in progress
		0800	8010 A51913 35083 ?? (difficult copy)
13th		0732	9112 in progress
		0733	9153 in progress
		0804	7862 in progress
22nd		0705	9112 in progress
26th		0700	9238
		0700	9063 A810?2 35433 ? (difficult copy)

Who noted, "These logs don't appear from our colleagues across the pond. Presumably 'cos they are tucked away in bed!" [*Who wouldn't be at 0300 local time?*]

V07

AnonUK has sent us a summary of his logs for this year – note the standard progression from Jan to Dec

January	0600 10879	0620 12179	0640 13479 814
February	0600 13336	0620 14866	0640 16266 382
March	0600 14387	0620 16087	0640 17487 304
April	0600 14387	0620 16087	0640 17487 304
May	0600 14621	0620 16321	0640 17521 635
June	0600 14621	0620 16321	0640 17521 635
July	0600 13837	0620 14937	0640 16697 896
August	0600 13837	0620 14937	0640 16697 896
September	0600 13381	0620 14781	0640 16281 372
October	0600 14521	0620 15821	0640 17421 584
November	0600 12152	0620 13552	0640 14952 159
December	0600 9272	0620 10672	0640 12172 261 [Txn AnonUK]

6th April	0600	14387	'304' 000	RRGB
	0620	16087	'304' 000	RRGB
20 th April	0600z	14387	304 000 end0602z AM+USB good	FredNL
	0620z	16087	304 000 very weak & noisy, almost unusable	FredNL

V13

In message 4573 dated 05/03 Ben Mesander wrote,

"For a while, V13 seemed to have timeshifted into slots where it was not possible to hear it at my QTH. It seems to have resumed at least some skeds that are possible to pick up in the western US. Check around 1100utc-1500utc on:

- 8300.0 kHz
- 9275.0 kHz
- 9725.0 kHz
- 11430.0 kHz
- 11433.0 kHz
- 13570.0 kHz
- 13650.0 kHz
- 13750.0 kHz
- 15388.0 kHz

Note that some of the above freqs are in error, but since it's been so many years since I monitored this station I can't remember the ones that are "real". [Txn Ben]

We have received two unsubstantiated reports concerning this station – worth keeping an eye on if it's within your capabilities.

V24 Nil reports this time.

POLYTONES

We put the revised tones in the last Newsletter only to be told of an anomaly – as a result re print the corrected tones.

0: 760; 1: 800; 2: 840; 3: 880; 4: 920; 5: 960; 6:1000; 7: 1040; 8: 1080; 9: 1120
Start Low: 520; Start High: 1280; Space: 680; End Low: 720; Repeat: 1200;

The values above show little variation from measured values and good tolerance around subsequent measured values. The shift between the numerals is a linear and unchanging 40Hz.

Polytone Daily Logs

March 06

XPA [MFSK-20 Russian Intelligence Multitone System]

XPA [MFSK-20 Russian Intelligence Multitone System]

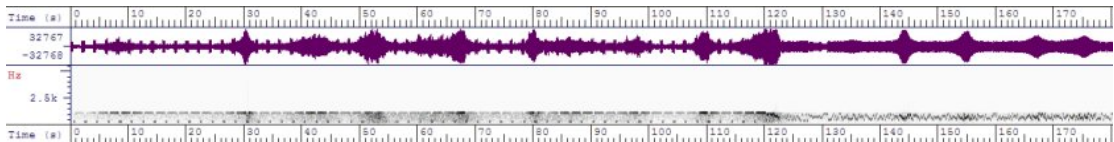
1.0700z: 10923kHz 2. 0720z: 12123kHz 3. 0740z: 13523kHz
ID915
dk/gc

1. 2100z : 6842kHz 2. 2120z: 5924kHz 3. 2140z: 5178kHz
ID891
dk/gc

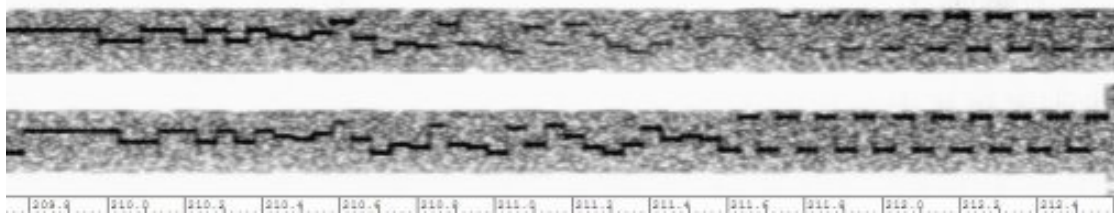
03Fri	915 1 06536 00153 FG 37627 LG 43453 [see notes]	Not found [Friday]
07Tue	915 1 00212 00257 FG 71310 LG 17343 [see notes]	891 000 00325 00001 00000 10140 [see notes]
10Fri	915 1 06975 00147 FG 46361 LG 46317 [see notes]	891 000 00325 00001 00000 10140 [RNGB, JoA & MikeL]
14Tue	915 1 00868 00267 FG 42024 LG 55540 [see notes]	891 000 00325 00001 00000 10140 [see notes]
17Fri	915 000 00125 00001 00000 10140 [see notes]	891 000 00417 00001 00000 10140
21Tue	915 1 09301 00443 FG 57600 LG 62176 [see notes]	891 000 00741 00001 00000 10140
24Fri	915 1 00524 00361 FG 61782 LG 42421 [see notes]	891 1 02596 00071 FG 21799 LG 01231 [see notes]
28Tue	915 000 00125 00001 00000 10140 [see notes]	891 1 02596 00071 FG 21799 LG 01231 [see notes]
31Fri	915 1 00719 00341 FG 88762 LG 27637 [see notes]	891 1 00584 00083 FG 07212 LG 51475 [see notes]

March Morning Schedule

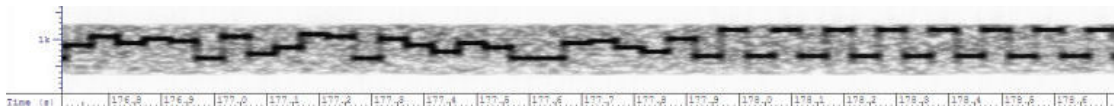
Below is the waveform and narrowband spectrogram of 0740z 03/03 for the complete sending:



Whilst perfectly adequate the strengths received by PLondon on 03/03 were variable and some fading was noticed. JoA echoed this with his report to E2k but at better strengths than PLondon realized at his South Ken works QTH. A quick count proved RNGBs hidden group as 64+64+28-2+154 gc+1. The hidden group was 42623. Tuesday 07/03 sendings started off with a reasonable sending with QRN; good strengths were reported by JoA for all sendings whilst PLondon suffered low signal strength at his SW7 works QTH. [The autosys returned good sigs at his home QTH though].



Whilst weak with PLondon the signals were of good standard and allowed analysis. 260 actual groups were sent and after correction [64*4+4-2=258] proved gc+1, the hidden group being 43593. The above image illustrates the fading encountered during the sending of the last four groups between 0700z [top] and 0720z [bottom] sending. The final analysis of the Last and Hidden groups being made on the 0720z and checked against the 0740z. At the end of the lower trace the effects of PLondon removing his sharp filter can be seen. Sendings on 10/03 were reported by JoA as being very good; PLondon's signals were not so good due to QRM and desensing.



Perusal of the above spectrogram will illustrate use of a double space [seen at 177s] between the last and penultimate group. The usual arithmetic was done $64+64+22-2=148$ and proved $gc+1$. The carrier for this sending came up at 0712z and was followed by a single tone. Shortly after a Morse character was sent -...- or =.

Excellent sendings throughout for the morning schedule on 14/03. $gc+1$ proven.

The sending on 17/03 was a null message and all three transmissions were noted with very good signals by JoA – S9+35dBs. PLondon also remarked that the signals at his SW7 work QTH were like good strength across the entire schedule. The strong signals were maintained on 21/03 with a long message lasting 4m28:22s. $gc+1$ was proved.

The sendings of 24/03 were variable, for PLondon 0740z gave the best response.

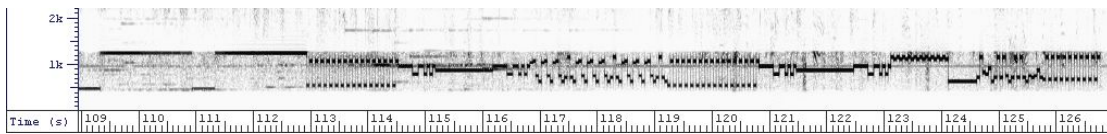
With GMT advancing to z+1 the zulu time of 0700z was maintained for this sending and all three 28/03 were 3 strong and good quality, albeit a null message, a repeat of that sent 17/03.

March Evening Schedule

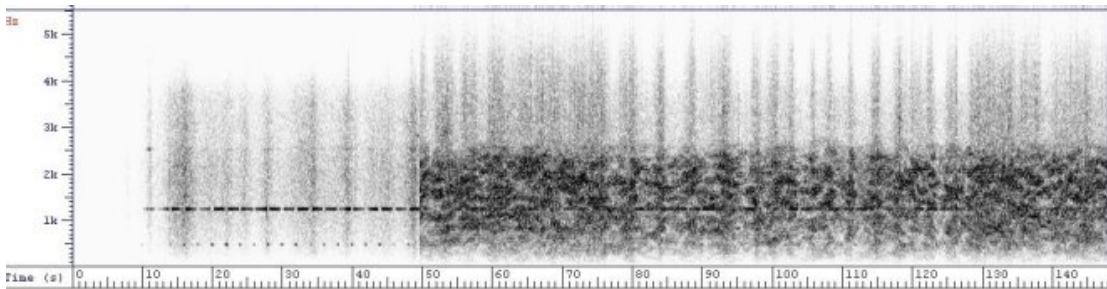
The expected first March sendings on Friday 03/03 were not found despite correct searching by JoA and PLondon. However Tuesday 07/03 saw a combined effort by GD, JoA, RNGB and PLondon and resulted in all the freqs being found. The line up is that used last October and had been suggested prior to us not finding them on 03/03.

The signals were fair with all concerned and RNGB contacted PLondon with message detail. PLondon was unable to use his email due to Yahoo UK being unavailable [checked with JoA by telcon]. Thanks to all concerned who rang in with results. Excellent team work.

14/03 was a repeat of that sent on 07/03 and 10/03. The sending on 5924 suffered with BC QRM but a tight post filter brought:



The filter all but removed the troublesome speech. The 2140z sending was not quite so good; XJT suddenly appeared on frequency and obliterated a majority of the sending:



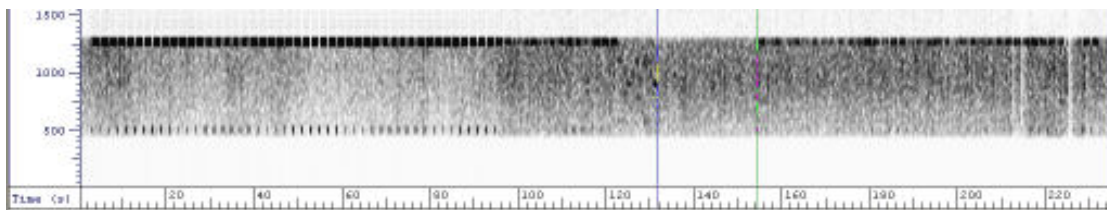
Perusal of the above shows the effect XJT has on transmissions it is sent over the top of.

The first evening message of March was sent on this schedule on 24/03. All sendings were good readable although the 2120z was troubled by the usual BC QRM. The 2140z sending produced the best trace of the evening.

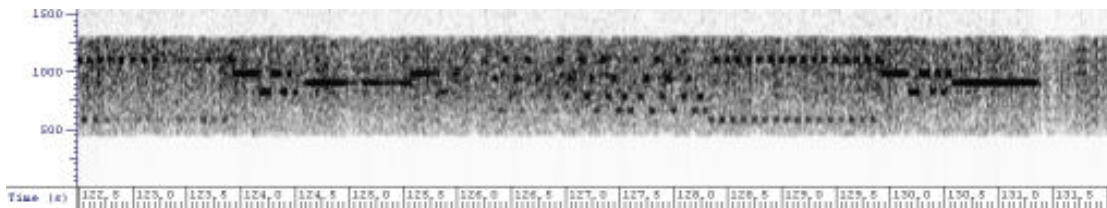
Sitting up beyond 2200z PLondon and JoA intercepted the post clock change sendings with mixed results between them. For JoA the last sending was his best, whilst for PLondon the first was his best – actually comparable to his post sending filtered 2120z transmission. His 2140z was very poor, with a signal strength variable between S5 to S9. He found the audio to be weak and watery and dominated by a scratching type local[?] QRM. A comparison of spectrograms and tones illustrated a repeat of the 71group [or 72 with $gc+1$ taken into consideration] message sent on 24/03.

March final morning sendings on 31/03 were not very good at PLondon’s QTH and mainly noisy.

The third sending started at S9 went to S7 noise wise and in the middle of its sending ceased as can be seen below:

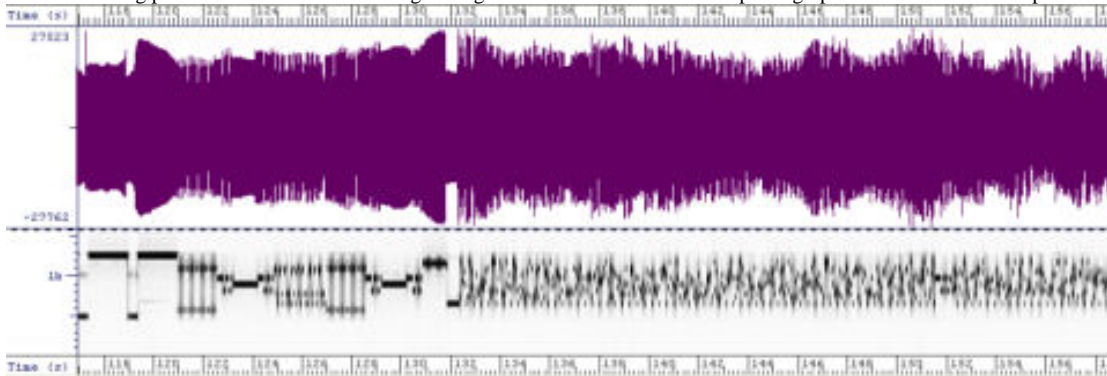


The 22.66s gap between the ID and the part re start can be clearly seen. Below is the detail of the fail:



Using a full message PLondon was once again able to prove gc+1.

The last sending produced excellent received signals right across the schedule as the spectrograph and waveform below proves:



gc+1 was again proved and it is worth noting that there was the slightest het on the second sending, the BC station could barely cope with the strong XPA signal and was certainly outclassed for once.

April 06

XPA [MFSK-20 Russian Intelligence Multitone System]

XPA [MFSK-20 Russian Intelligence Multitone System]

1.0600z: 9452kHz 2. 0620z: 10852kHz 3. 0640z: 12152kHz
 ID 481

1. 2000z : 9101kHz 2. 2020z: 6971kHz 3. 2040z: 5758kHz
 ID 197
 dk/gc

04Tue	481 1 00353 00165 FG 64378 LG 34253	[see notes]	197 000 00741 00001 00000 10140	[see notes]
07Fri	481 000 00344 00001 00000 10140	[see notes]	197 1 00623 00039 FG 74546 LG 14773	[see notes]
11Tue	481 1 01325 00229 FG 65676 LG 32267	[see notes]	197 1 00451 00075 FG 37650 LG 61147	[see notes]
14Fri	481 1 00584 00291 FG 99708 LG 08525	[see notes]	197 1 01- 56 00095 FG 369 - -	[see notes]
18Tue	481 1 08496 00201 FG 93484 LG 52555	[see notes]	197 1 01156 00096 FG 36939 LG 10265	[see notes]
21Fri	481 1 00210 00323 FG 91823 LG 61407	[see notes]	197 000 00692 00001 00000 10140	[see notes]
25Tue	481 1 05018 00253 FG 38252 LG 03014	[see notes]	197 000 00197 00001 00000 10140	[see notes]
28Fri	481 1 07964 00113 FG 36241 LG 22440	[see notes]	197 000 00197 00001 00000 10140	[see notes]

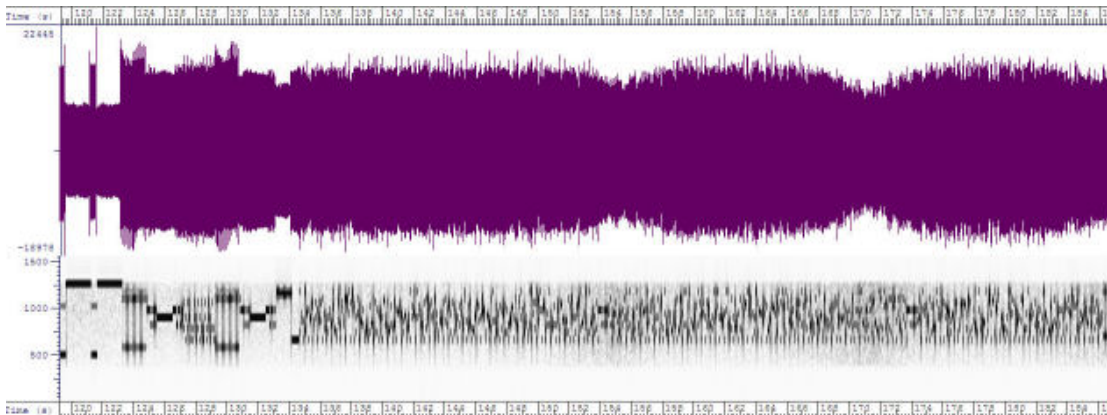
April Morning Schedule

The frequencies for the morning sendings were as previously seen in April 2005, the clocks having advanced by H+1 the sendings now occurring at 0600, 0620 and 0640z.

The choice of 9452kHz as a freq is open to question by those of us who are not in the know at the transmitting end. Apart from it being in the 31m BC band and open to splatter or worse, recently it has been noticed the parking of data transmissions and XJT on there. Remembering that 9450 is also home to E25 one must ask if the placing of these two very efficient signal jammers is anything but intended.

PLondon used the post filtered 0600z sending to derive content detail from the intercept. Apart from the message detail above the hidden group was 36493 and gc+1 proven.

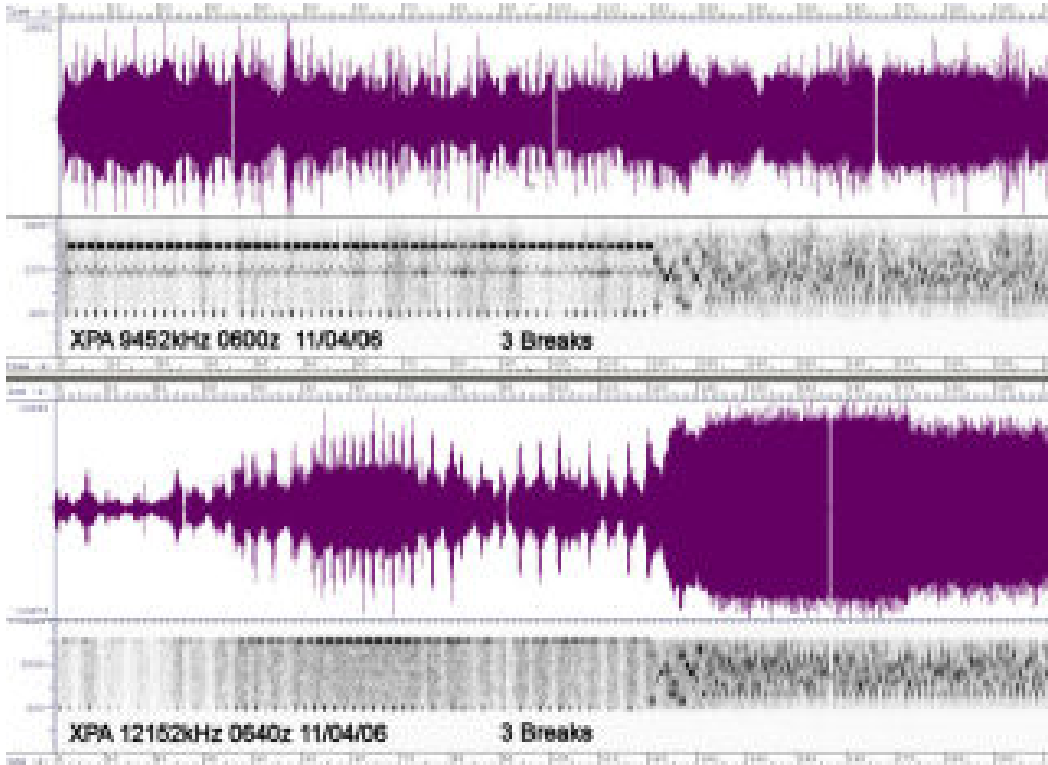
10852kHz 0620z 04/04/06 Complete message:



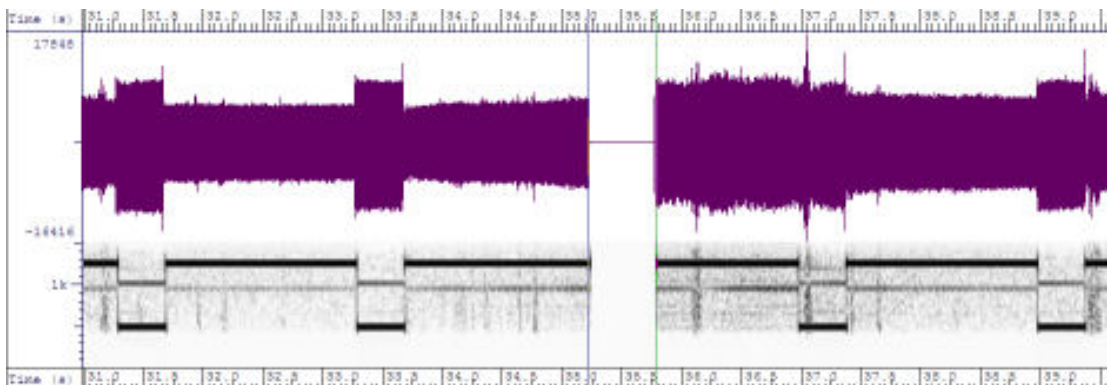
Note the entire message sent without fade or other aberration.

The 0600z sending was marred by splatter from a BC Station on 9460kHz and a heterodyne [2266Hz] was heard alongside the message but after post filtering the resilience of XPA against interference was seen.
 On 07/04 PLondon switched the PC on for his analytical software only to find it wouldn't work; a pop-up declaring 'continue with install.' Luckily the v5 Spectrogram was still functional and did its duty, allowing PLondon to note the numerical content. As 04/04 the same problems existed with the first sending, BC QRM but that was later removed using his newly installed software [tnx IT]!
 The others were weak with him but were received as better signals by JoA.

The sendings on 11/04 were variable, Again the 0600z was troubled by BC and a 2260Hz tone, 0620z was almost inaudible to PLondon at his work QTH. The 0640z was weak but provided measurable tones.

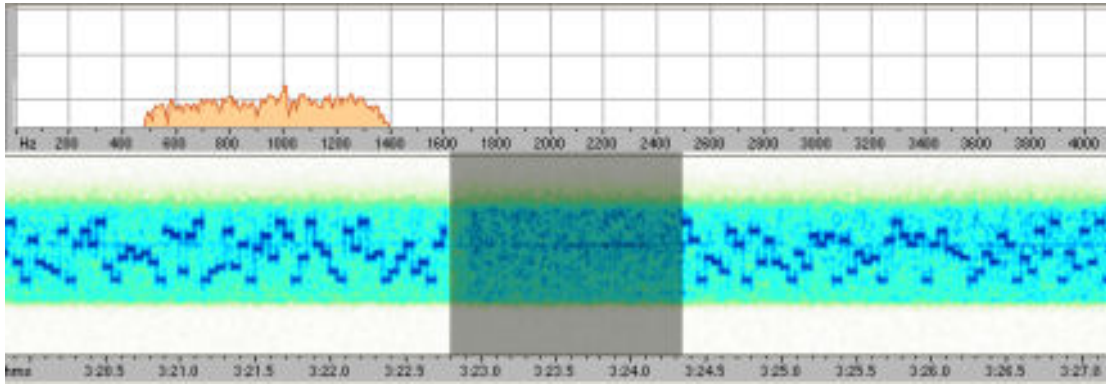


JoA reported like signals as well as monitoring a break "10852kHz 0619:53z [S7 QRN QRM-noise] A very short break in Intro. detected @ 0620:31z," but it would seem this break was prevalent in all sendings as the spectrographic print above shews. [Well done John]! Looking at the traces it would appear the breaks are approximately 10 secs apart in comparison.
 The hidden group was 98224 and $64 \times 3 + 40 - 2 = 230$ proved gc+1.



Magnified view of a break in transmission 0600z110406

All the morning sendings were problematical; the first two being very poor, 0600z XJT and BC QRM. 0620z QRN and noise. The last sending was the best at 20dBs strength although it was slightly troubled with a 1 and 2kHz hets.
 Both JoA and mndbs reported a break in the 0640z sending. This break is shewn below.



Gap in 0640z 14/04/06 sending

The 18/04 sendings were peculiar to say the least. PLondon reported the 0600z sending as the only one he was able to correctly receive [20dBs with BC QRM] with the 0620 and 0640z sendings virtually unuseable. RNGB reported his reception as being variable but stated the 0620z sending as his best whilst JoA reported his best as 0640z.

This wide variation is interesting as JoA's antenna is vertically polarized. His signal strength is also often better than that experienced elsewhere too. [Others' kitchen's, radiators and soft top cars notwithstanding, JoA ☺].

64x3+12-2+202 to prove gc+1.

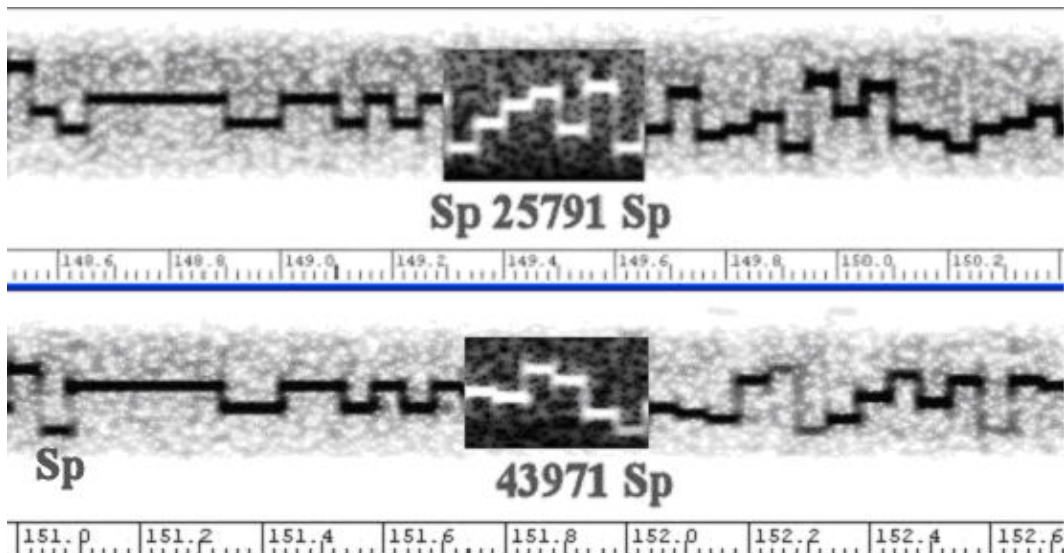
British Rail reared their ugly head in the form of Signal problems outside Epsom, or, a broken down train in front of the 0608 on 21/04; they just threw a load of excuses that probably meant the driver was still in bed - £116 a month for that sort of service. As a result PLondon was forced to contact JoA to make the observation for him - having fallen out of bed 65mins late he could not recall having set the autosys up for XPA interception. As a result of this comedy of errors PLondon missed the 0600z sending completely [would have caught it if the 52 bus actually ran to time - it hasn't all week] but set up for the 0620z and 0640z sendings. Both were terrible, low signals and fading with PLondon. PLondon contacted JoA who had just come in from his herb garden who stated that his signal levels for all the sendings were not too good - S9, S9+5dBs and variable S3 to S7.

On returning home PLondon discovered he had set the autosys the night before, the 0600z and 0640z were not upto much but the 0620z was strong allowing analysis of the numeral content.

Good signals on 25/04 with a 253 group message 64x4-2= 254 proving gc+1.

The last morning schedule sending for April on 28/04 was a peculiar one. JoA reported signal strength as: 9452kHz 0559:59-0601:59z Intro., 0601:59-0602:47z msg. [S9+25dB QRN]; 10852kHz 0619:58z [S9+30dB QRN]; 12152kHz 0639:59z [S8/S5 QRN] whilst PLondon at his home QTH noted different strengths: 0600z S9 to 20dBs, 0620z S9 and 0640z virtually NRH!

On looking at the waveform PLondon noticed there was no apparent hidden group, what he counted 64+52-2=114, exactly the right number except he had made a mistake [Txn RNGB]. On checking the groups around the only 64 group separator there was a space tone [680Hz] between the last character of the separator and the next group:



The top image shows the proceedings 0620z 280406 and the space tones and what goes on in between can be easily seen.

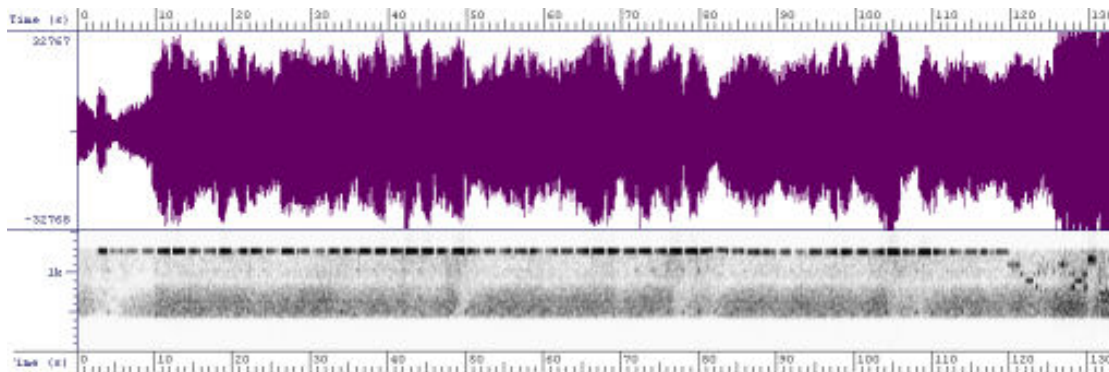
The lower image is that taken from the 75 group sending of 11/04 at 2000z. Looking at the lower image one can see there is no space between the final tone of the 7 tone separator. The hidden group is somewhere in the 64 groups preceding the separator; feasibly the last group prior to the seven tone character?

In the top trace the group preceding the separator always has a space between it and the separator - on this occasion, no space as can be seen on comparison.

April Evening Schedule

April evening schedule kicked off by using Sept 05 freqs and repeating the null message of 21st March. The first sending at 2000z was tainted by XJT as per the September log, the second 2020z was troubled by a BC station a few kc/s away and whose presence created a 2022Hz het tone that was easily removed. The third and last sending reached 35dBs at PLondon's QTH although the freq was being used for USB voice tx using FF language.

The first sending was noisy and PLondon used USB, tuning the intro m/s to their correct tone as can be appreciated below:

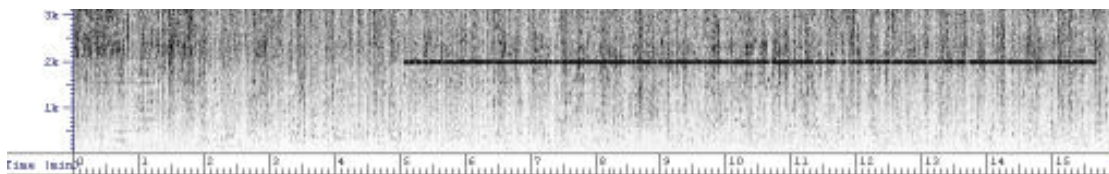


Perusal of the 2000z trace above reveals that although the sending was noisy the use of USB, which PLondon rarely uses for XPA, allows the measuring of tones etc.

Excellent sendings on 07/04; +30dBs for 2040z. gc+1 proven with hidden group 44705.

11/04 was readable throughout its schedule with the first two sendings trouble by XJT emissions. The hidden group was 43971 and gc+1 was proved.

Results for the evening sending were poor and incomplete; no doubt due to the smoke from JoA's bonfire ! Although a het was heard at 2000 and 2020z no variation of the tone was noticed – carrier up, no sending. The diagram below shews the 2020z sending and it can be seen the het is up for the right time, from around 2012 to 2022z for the close.



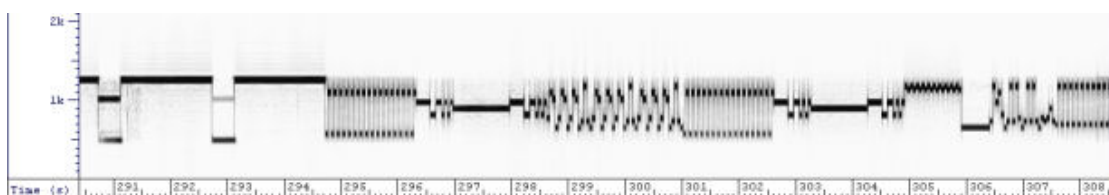
The last sending at 2040z sent a message but the signal was so poor PLondon was unable to accurately determine the gc, dk and the rest of the pars for XPA. Whilst tracking a few stations during the day it was noticed that conditions were less than useful.

The following sending on 18/04 started well at 2000z and continued straight across the schedule with signal strengths of 10 and 20dBs. 64+34-2+96 proving gc+1.

Completely different to the mornings sendings the evening transmissions of 21/04 were excellent with the exception of the XJT troubled 2000z offering. That needed retuning to 9103kHz for clear audio. 2020z had a 2024Hz het on it from the skirts of the nearby BC station, 'Galei Tzahal' whose line up included a hit from the Kinks; strange when you consider the programmes are aimed at the Israel Defence Force. [6973kHz]. A little post reception filtering and the tones were very good.

Not as good as those sent at 2040z on 5758kHz though. The sending was extremely strong, a great help considering the two data bursts and the weak Morse that was heard just before the XPA kick off. The signal strength was +40dBs and was banging on the endstop of PLondon's ICOM IC-R71E. PLondon mentioned to DoK after that the signal was so strong that with the effects it produced PLondon could have claimed it as a ground wave.

'Null Message Body shewn below:



Note how clear the background is and the clear definition of the signal trace.

The final sending of April was a null message and a repeat of the previous Tuesday; coincidentally the first group was virtually the same as the ident!

NUMBER PREDICTIONS Gert's excellent predictions:

Prediction May 2006

Date	Day	Time (utc)	TX	Name	Freq (kHz)
1	mon	11.55	E23	Former G02	8188
1	mon	20.00 / 20 / 40	E07	English man 000 000	Search
2	tue	06.00 / 20 / 40	V07	Spanish Lady 000 000	14621 / 16321 / 17521
2	tue	09.00	E17(z)	English lady 00000	7365 or search
2	tue	10.30	E11	Oblique	9610
2	tue	12.30	E11	Oblique	9448
2	tue	13.00	E11	Oblique	9950

Date	Day	Time (utc)	TX	Name	Freq (kHz)
2	tue	17.02	M45	Sister station of S21	5074 / 5474
2	tue	17.42	S21	Russian Lady	4973 / 5373
2	tue	18.00 / 20 / 40	E07	English man 000 000	search, may also start at 19.00 / 20 / 40
3	wed	10.00 or 11.00	E07	English man 000 000	search, april freq 12163
3	wed	11.00	E11	Oblique	9902
3	wed	11.55	E23	Former G02	8188
3	wed	17.00 / 20 / 40	E07	English man 000 000	13388 / 12088 / 10188
3	wed	20.00 / 20 / 40	E07	English man 000 000	Search
3	wed	21.00	E06	English man 00000	11060 poss only wk 1 + 3
3	wed	21.00	S11a	Cherta	Try 4016 4465 5180 or 5358
3	wed	22.00	E06	English man 00000	9160 poss only wk 1 + 3
4	thu	06.00 / 20 / 40	V07	Spanish Lady 000 000	14621 / 16321 / 17521
4	thu	08.00	E11	Oblique	7663
4	thu	11.55	E23	Former G02	8188
4	thu	13.30	E11	Oblique	9179
4	thu	17.02	M45	Sister station of S21	5074 / 5474
4	thu	17.42	S21	Russian Lady	4973 / 5373
4	thu	18.30	G06	German lady 00000	6887 week 2 and 4
4	thu	19.30	G06	German lady 00000	5943 week 2 and 4
4	thu	20.00 / 20.30	G04	Three note oddity	inactive but try
4	thu	20.10 / 30 / 50	E07	English man 000 000	13368 / 12177 / 10749
4	thu	22.00	G22	Edna Sednitzer german	6682 or 6748
5	fri	08.00	E11	Oblique	8091
5	fri	09.10 / 30 / 50	E07	English man 000 000	search, march freq 17998
5	fri	12.00	E11	Oblique	10125
6	sat	20.20	G06	German lady 00000	12210 or search
6	sat	22.00	E06	English man 00000	9120
7	sun	17.00 / 20 / 40	E07	English man 000 000	13388 / 12088 / 10188
7	sun	18.30 / 19.30	E06	English man 00000	Search, april freqs 8020 / 6970
8	mon	20.00 / 20 / 40	E07	English man 000 000	Search
8	mon	21.45	S04	Edna Sednitzer	3868
9	tue	06.00 / 20 / 40	V07	Spanish Lady 000 000	14621 / 16321 / 17521
9	tue	09.00	E17(z)	English lady 00000	7365 or search
9	tue	10.30	E11	Oblique	9610
9	tue	12.30	E11	Oblique	9448
9	tue	13.00	E11	Oblique	9950
9	tue	17.02	M45	Sister station of S21	5074 / 5474
9	tue	17.42	S21	Russian Lady	4973 / 5373
9	tue	18.00 / 20 / 40	E07	English man 000 000	search, may also start at 19.00 / 20 / 40
9	tue	18.20	M01b		4848
9	tue	21.45	S04	Edna Sednitzer	3868
10	wed	10.00 or 11.00	E07	English man 000 000	search, april freq 12163
10	wed	11.00	E11	Oblique	9902
10	wed	17.00 / 20 / 40	E07	English man 000 000	13388 / 12088 / 10188
10	wed	20.00 / 20 / 40	E07	English man 000 000	Search
10	wed	21.00	E06	English man 00000	11060 poss only wk 1 + 3
10	wed	22.00	E06	English man 00000	9160 poss only wk 1 + 3
11	thu	06.00 / 20 / 40	V07	Spanish Lady 000 000	14621 / 16321 / 17521
11	thu	08.00	E11	Oblique	7663
11	thu	13.30	E11	Oblique	9179
11	thu	17.02	M45	Sister station of S21	5074 / 5474
11	thu	17.42	S21	Russian Lady	4973 / 5373
11	thu	18.30	G06	German lady 00000	6887 week 2 and 4
11	thu	19.30	G06	German lady 00000	5943 week 2 and 4
11	thu	20.10 / 30 / 50	E07	English man 000 000	13368 / 12177 / 10749

Date	Day	Time (utc)	TX	Name	Freq (kHz)
12	fri	08.00	E11	Oblique	8091
12	fri	09.10 / 30 / 50	E07	English man 000 000	search, march freq 17998
12	fri	12.00	E11	Oblique	10125
13	sat	20.20	G06	German lady 00000	12210 or search
13	sat	22.00	E06	English man 00000	9120
14	sun	17.00 / 20 / 40	E07	English man 000 000	13388 / 12088 / 10188
14	sun	18.30 / 19.30	E06	English man 00000	Search, april freqs 8020 / 6970
15	mon	11.55	E23	Former G02	8188
15	mon	20.00 / 20 / 40	E07	English man 000 000	Search
16	tue	06.00 / 20 / 40	V07	Spanish Lady 000 000	14621 / 16321 / 17521
16	tue	09.00	E17(z)	English lady 00000	7365 or search
16	tue	10.30	E11	Oblique	9610
16	tue	12.30	E11	Oblique	9448
16	tue	13.00	E11	Oblique	9950
16	tue	17.02	M45	Sister station of S21	5074 / 5474
16	tue	17.42	S21	Russian Lady	4973 / 5373
16	tue	18.00 / 20 / 40	E07	English man 000 000	search, may also start at 19.00 / 20 / 40
16	tue	18.20	M01b		4848
17	wed	10.00 or 11.00	E07	English man 000 000	search, april freq 12163
17	wed	11.00	E11	Oblique	9902
17	wed	11.55	E23	Former G02	8188
17	wed	17.00 / 20 / 40	E07	English man 000 000	13388 / 12088 / 10188
17	wed	20.00 / 20 / 40	E07	English man 000 000	Search
17	wed	21.00	E06	English man 00000	11060 poss only wk 1 + 3
17	wed	21.00	S11a	Cherta	Try 4016 4465 5180 or 5358
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18	thu	06.00 / 20 / 40	V07	Spanish Lady 000 000	14621 / 16321 / 17521
18	thu	08.00	E11	Oblique	7663
18	thu	11.55	E23	Former G02	8188
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18	thu	20.10 / 30 / 50	E07	English man 000 000	13368 / 12177 / 10749
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19	fri	08.00	E11	Oblique	8091
19	fri	09.10 / 30 / 50	E07	English man 000 000	search, march freq 17998
19	fri	12.00	E11	Oblique	10125
20	sat	20.20	G06	German lady 00000	12210 or search
20	sat	22.00	E06	English man 00000	9120
21	sun	17.00 / 20 / 40	E07	English man 000 000	13388 / 12088 / 10188
21	sun	18.30 / 19.30	E06	English man 00000	Search, april freqs 8020 / 6970
22	mon	09.55	E23	Former G02	8188
22	mon	20.00 / 20 / 40	E07	English man 000 000	Search
23	tue	06.00 / 20 / 40	V07	Spanish Lady 000 000	14621 / 16321 / 17521
23	tue	09.00	E17(z)	English lady 00000	7365 or search
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23	tue	18.20	M01b		4848
24	wed	09.55	E23	Former G02	8188

Date	Day	Time (utc)	TX	Name	Freq (kHz)
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24	wed	20.00 / 20 / 40	E07	English man 000 000	Search
24	wed	21.00	E06	English man 00000	11060 poss only wk 1 + 3
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25	thu	20.10 / 30 / 50	E07	English man 000 000	13368 / 12177 / 10749
26	fri	08.00	E11	Oblique	8091
26	fri	09.10 / 30 / 50	E07	English man 000 000	search, march freq 17998
26	fri	12.00	E11	Oblique	10125
27	sat	20.20	G06	German lady 00000	12210 or search
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28	sun	17.00 / 20 / 40	E07	English man 000 000	13388 / 12088 / 10188
28	sun	18.30 / 19.30	E06	English man 00000	Search, april freqs 8020 / 6970
29	mon	20.00 / 20 / 40	E07	English man 000 000	Search
30	tue	06.00 / 20 / 40	V07	Spanish Lady 000 000	14621 / 16321 / 17521
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31	wed	11.00	E11	Oblique	9902
31	wed	17.00 / 20 / 40	E07	English man 000 000	13388 / 12088 / 10188
31	wed	20.00 / 20 / 40	E07	English man 000 000	Search
31	wed	21.00	E06	English man 00000	11060 poss only wk 1 + 3
31	wed	22.00	E06	English man 00000	9160 poss only wk 1 + 3

Tnx Gert!

ODDITIES

Due to the varying nature of the reports on these bumps and squeaks ENIGMA 2000 will only report on their status as and when we receive reports:

Mazeilka[X06]

From RNGB

1st March 1356 10814 tones 900/810/840/870/940/990Hz
 18th 1900 8131 tones 800/980/900/940/870/840Hz (QRT at 1907)

From PoSW:

Only one X06 6-Tone "Mazeilka" found in the last couple of months; -
 20-Apr-06, Thursday;- 1752 UTC, 12,195 KHz, X06 at strength S7 to S8, vanished completely just before 1755z, listened for three or four minutes afterwards, nothing further heard. This was the first X06 I had heard since 4-February. However there was a strange two tone transmission heard a few days earlier on Sunday 16-April at 1948 UTC on 9,333 KHz. This was an S9 signal and consisted of two tones, quite high pitched, with a short gap of plain carrier being transmitted over and over. The tones stopped for a few seconds at 1951z then started again. Suddenly went off, carrier and all, 1954z. Appeared to be transmitted with the lower sideband suppressed and had a slight background buzz - like X06 - and I wondered if it was *Mazeilka* with a fault in the tone generating department. The carrier came back around 1958z, off again after 2000z, up again 2003z and off for good after 2004z

ENIGMA 2000 Article

We continue with Thomas Wagner's most interesting true story, with his full permission. Thanks Thomas,

IF IT HAD NOT BEEN FOR 15 MINUTES: PART 3

The instructions that Herbert had memorized described the dead letter box. It described how to get there in several different ways, how to recognize the location if found, even the compass direction and approximate distance from a known point in a Berlin Park.

On July 10th, two days after the visit, Mr. Ritter once again showed up at my uncles house. "We need you to write a letter to your sister" he said. The letter contained a cryptic message : " The planned vacation that we had discussed can take place on July 25th. All participants agree with that date.."

Stiller is on vacation with his wife and kids, unbeknownst to my mom who thinks he is in Budapest Hungary on business. He phones her on July 19th and gets the news. Cutting his part of the vacation short, he returns on July 24th the East Berlin. Mom travelled to Berlin and met Werner. On July 25th both went to a specific park looking for whatever is to be found at the location that had been memorized earlier. "That was very suspenseful " said mom " I was thinking that finally we are getting somewhere. Finally there is progress ".

Werner and mother walked a certain distance from a statue toward a notable tree. When the distance had been covered they were to look under a pile of leaves in a bit of a natural looking depression in the ground. The place was marked with two small bricks. The message didn't specify what they should look for or what would be sent.

It had begun. From this point forward there was no turning back.

Mother and Werner were asked to go to certain park in Berlin, specifically they had been given certain landmarks within the park but no further details as to what might be found there. Mom promptly caught a train and went to meet with Werner. Together they made their way to the park and carefully followed the BND's instructions.



There was the statue.... and a certain number of steps away from it wasnothing! Nothing except a pile of leaves. A pile like any other that had been swept into a small mound by the wind. Werner bent down and rifled through the leaves. He felt something hard. Quickly brushing off the top coat of loose leaves he found an old piece of weathered wood. A branch or a piece from a nearby shed. It was dark, wet, and looked as though it had been there a hundred years. Werner slowly pulled the wood from its leafy bed and flipped it over. There it was! The bottom of the small plank contained a rectangular cutout that was closed with a tiny metal latch. Werner hid the wood in his overcoat and together they returned to a STASI safehouse, actually more of a "safe apartment" that both used for rendezvous's. How ironic - here they were all excited, their hands almost shaking, in a STASI apartment about to open a communique from the enemy.

Werner opened the small latch and pulled a small bundle from the wooden plank. Tightly wrapped in plastic, to protect it from the elements, the bundle was approximately the size of a postcard and about 1/4 in thick. When the plastic was removed the package revealed several items.

It contained 10 pre-addressed envelopes, an equal number of pre-written letters, it also contained invisible ink cartridges and a one-time use pad of cyphers in the form of small microfilms.

Covering everything was a letter of introduction from the BND. Mom still remembers the friendly tone with which it was written. The letter contained instructions for the use of the cyphers, radio frequencies and other information.

The message as it was contained one big logistical problem. In order to listen to a short-wave radio broadcast on the frequency described in the letter, one needs a short wave radio that is capable of receiving the frequency of this broadcast.

European radio frequencies are organized a little bit different from the US. For example, certain stations like the BBC in Great Britain or Deutsche Welle in Germany use short-wave and ultra-short wave frequencies, which allowed their transmissions to travel further across the world. There are several different spectra of short wave radio frequencies that can be used by commercial stations and other "transmitters", such as the various



intelligence services operating in Europe. The most famous intelligence funded radio operation was [Radio Free Europe](#). Yes I know the website very prominently states that this is a privately funded enterprise but everyone knows that a large part of its funding, if not currently then absolutely in the past, has come from the US government. By the way, there is nothing wrong with that.

Unfortunately the small transistor receivers that one could purchase in East-Germany absolutely did not carry the band that was indicated in the dead letter drop message (3,7 - 4 Megahertz).

That, in short was the nature of the logistical problem. We were not professional agents. We had no training and consequently neither my mother nor Werner knew that this was an indication of some of the bumbling keystone cop behavior that we could expect from the BND. In later years we were told that a professionally run operation would have known about the problem of East-German receivers and supplied an appropriately configured radio before sending any transmissions. Leaving us to fend for ourselves created an increased risk of exposure. Interestingly, by all accounts Werner was as dumbfounded by this situation as mother had been, which illustrates how much of a desk bound operative he really was.



GRUNDIG
SHORT WAVE
RECEIVER

The situation was quite stressful and perplexing. Time was running out and the day for the first scheduled transmission was approaching ever more quickly. Luckily my mother found a solution.



Our hometown had two Intershops - small stores that sold Western goods for hard currency. She noticed that the Intershop just happen to sell a receiver of the type we needed. Mother used a portion of the tip money that she had received over the years in hard currency, took yet another train to Berlin and visited an Intershop in the county's capital to purchase a West German "Grundig" or "Telefunken" short wave receiver.

It is hard to blend into a crowd when a store does not have much traffic. Intershops drew many window shoppers but few actual customers. Nonetheless, Mom tried to be as inconspicuous as possible. And just as she was beginning to relax and feel a little bit confident about her purchase transaction, which was progressing quite fast and efficiently, the sales person turned to her and said: " We need to complete a registration form required for the purchase of this radio. Where do you live? ". Mom's heart skipped a beat. She quickly tried to come up with an answer. Which address?

Which address? Of course she couldn't give out our actual home address. It would seem logical and less suspicious if the item was bought by a Berliner. In the end the only address that came to mind was that of a family friend. Crossing her fingers in hopes that no one would bother to check it out, Mother proceeded to give out the incorrect information.

You know, radio waves have one really wonderful quality - they don't know what borders are. They have no concept of countries and are not hindered by walls, fences or guard towers with powerful spotlights. And the infamous automatic gun emplacements along the Eastern side of the border, designed to automatically fire a barrage of rounds right along the fence if tripped by a defector, were no problem for radio waves.

As a result, many folks in East-Germany would listen to West German radio stations and watch West German TV.

Having obtained the radio, mother waited patiently for the designated transmission day. She explains that the first few times were terribly hard. She had the radio under a pillow - no earphones were available. So here she was with a pillow over her head and over the radio, the frequency fading in and out - it took her a full five hours to get the first message down and deciphered. (The reason being that the transmission could fade out and if one small piece of it could not be heard you'd have to start all over again).

As mom explains it "Our code was 6-4-0. Twice a week, several times a day the same message was delivered. "

You may ask what about this business of encoded messages? How is that done?

Each message that was transmitted by the West Germany included a note of when to expect the next message. It didn't matter if there was any actual content in a given message. If there was nothing to be passed on the announcer of the transmission would merely say " zero columns " and indicate when the next transmission was to happen.

The messages themselves consist of columns of numbers. Usually five digits to one group or column. One aspect of this entire message business has always struck me as funny. When we first began moving the radio's station selector button across the short wave band it was very hard to figure out if the station that was transmitting at a given point was actually the one we needed. For whatever reason, hardware related or perhaps signal strength related, the station would not exactly line up with its supposed location on the dial.

To make matter worse, there were 2 German espionage channels right next to one another. Both at similar signal strengths, both using women announcers and both transmitting a steady stream of numbers: "5,7,0,1,9 break 14,87, 23, 12, 78 break ..."

I don't know why they were located in this manner. Perhaps it was someone's idea of a joke. So as the time for the first transmission drew near, Mother and I hunted up and down the dial in an attempt to isolate the correct station.

If we missed the first couple of sentences in the transmission we would not know if it was addressed to us or someone else, and hence we might miss the entire thing along with the indicator of when the next message is to come. Talk about stress. Finally we thought we found it and just as we were getting ready to relax I noticed how the lady announcer pronounced the number five. In German it sounds something like "Fuenf". Short and to the point. However, this particular announcer called it "Fuennef" - drawing out the word and almost adding its own ending to it. This pronunciation was distinct to a dialect found in East Germany. Quickly in great panic we switched to the other German language station next to it - just in time to hear the announcer say "The next message is for our friend 8754. It consists of 35 groups of type Z. The message starts now: 87,34,12,13,30 ,12 break" I don't recall the exact numbers.

Once the transmission had ended we would make a clean copy of all the number groups and break out the appropriate package of cypher keys on microfilm. The West German package that had been so skillfully hidden in the dead letter drop included several sets of cypher microfilms. Now mind you this was not one of those microfilms that you can commonly find in a library. The strips of film that had been sent to us were approximately .25 in tall and 3 in. wide.

This decyphering system itself was quite ingenious. The code combinations were "throw away" cyphers based on some algorithm that allowed for a large number of key combinations. A single "pack" of cyphers for each transmission consisted of 2 or 3 small lengthy strips of micro film.

With the clean set of number groupings in hand we looked for the appropriate key strip - for example "Z" and place it underneath the number columns. Starting at the left of the micro strip we would copy yet another set of numbers onto the pad. Next the numbers were added which gave us yet a third set of columns. At this point we placed the second microfilm underneath these groups to find letters that corresponded to the numbers . The whole thing when done looked something like this:

```

87 0 12 13 30 0 12 12 16 5 8 3 0 99 21 0 55 76
11 0 10 10 9 0 12 12 9 9 8 5 0 1 45 0 5 10
-----
98 0 22 23 39 0 24 24 25 14 16 8 0 100 65 0 60 86
-----
N E X T M E S S G N O V E M B E R 1

```

The beauty of a system of this type is the fact that both the first and second set of values can be changed by the crypto generator and only the combination of both will result in a legible message. At the same time as far as I recall, individual transmissions would rarely use the same code in successive messages.

Below is a picture of a Russian / East-German Air Traffic and Radio Monitoring Array located on top of the highest mountain in East-Germany (Brocken Mountain in the Harz range is 3,300 ft high). This array is the most likely tool used by the STASI to monitor the message traffic directed at agents working on behalf of West Germany and Western Europe.

For a bit of history, the Brocken is located about 10-20 miles East of the border with West Germany. It is the highest mountain in an area of several hundred square miles and therefore became a logical observation post, first for the Soviet Army in 1948 and later for the East German government. At its busiest time this location was staffed with over 100 technicians

The first few messages that came across were more than anything designed to ferret out any sort of trap. The BND was very careful and wanted to make sure they weren't being set up by the Stasi. Hence the questions pertained to Werners identity, his job, his office his section of the department. All of this could be verified by the BND indepently.

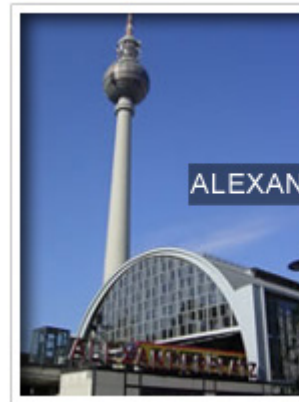


Have you ever noticed that human beings can get used to the most absurd situations and in a relatively short period of time feel as though the most unusual circumstances are normal? Whenever you get a faster computer, pretty soon it seems normal or slow. Whenever you get a faster verhicle, it doesn't take long and you are used to it.

This seemed to be the case for us. Never mind the absolutely fantastic set of circumstances that we found ourselves in, it became something of a routine. If we had known that at any given point several dozen agents were combing the land for us, it certainly wouldn't have been routine. However, we lived in blissful ignorance.

Growing up in East-Germany, the people I knew fell into two rather large categories. Those who didn't believe the governments propaganda and generally knew, or suspected, that the entire country's political structure was one big mess, and those on the opposite end of the spectrum, who genuinely believed that the government was correct. As is the case everywhere in the world, like attracts like. The kids who came from households of Party officials or otherwise government connected parents would pretty much "tow the party" line. The rest of us went along with the dominant paradigm out of enlightend self-interest. That meant in front of the authorities we would pretend to be good citizens. Of course this pretense only went so far, considering we were trying to dress as Western as possible, listen only to West-German radio and watch only West German TV. I remember a funny incident that illustrates how different our little town in the mountains was from large parts of the rest of the country.

Because we had contact with Western tourists and businessmen, there was a very lively black market thriving in my little hometown. If you had the right connections you could get West German records, by paying 50-100 East German Marks. For the purpose of this disussion, without getting into details of exchange rates and Cost of Living Indices, it felt to us as the equivalent of \$50.00-\$100.00 might feel to an American. If you knew the right people you could get Levis jeans and jackets as well as other Western goodies. So one Saturday morning I was making my way across town, decked out in my usual jeans, Led Zeppelin T-shirt and jean jacket, when a young man who looked to be in his mid-20's approached me. I could tell he had just recently arrived in town on vacation. He asked for directions to one of the sights. As we walked along and discussed his intended hike for



the day he stopped, turned to me and

said: " You know this is going to sound odd but I will ask it anyways. Everywhere I turn, people are dressed in jeans. What do you guys do up here? " Perhaps he was from a smaller town or perhaps he hadn't been to East-Berlin which certainly rivaled my hometown in "westerly" dress.



Had I known about some of the statistics that caused the MfS (Stasi) to bring their bloodhounds onto our scent, I certainly would have been much more worried at this point. You may recall that I mentioned earlier one of the methods we communicated with the West was through the use of pre-written letters, in which we wrote our messages using invisible ink, yes thats right - good old invisible ink. Many kids learn how to make one form or another as part of experiments or as the result of reading books. I just recently found out that the Stasi district office in charge of the south-easterly portion of the country (which coincidentally was the area from which most of our letters were mailed), would literally open 1,500 -2,000 letters addressed to

Western countries each and every day. That's about half a million letters - opened, read and most frequently micro-filmed for samples of handwriting. So the government broke its own postal law about 500,000 times a year.

If your relatives wanted to help and send some cash to you, the MfS would simply keep it. And to top it off, 3%-5% of all letters originating in the West would never make it to their addressee's.

Come to think of it, I got lucky in that respect as well. Just a year earlier, for the record breaking period of three whole letters, I had a pen-pal in the US. A friend of mine worked at the local post office in the summer and had written down an American return address he had seen on a package.

He wrote a letter to that address. Turns out the person who mailed the package from the US was a school teacher. She took the letter to her class and several kids wrote back asking to hear from East-German school kids. How cool was that ?!

I will never forget how hard I worked on producing 10 lines of poor broken English which earned me an answer letter from Nancy Julginity of Springfield PA. After much wrestling with the dictionary I deciphered that she was 16 years old, enjoyed school, loved Bruce Springsteen with a passion and could not understand how a system like the one I lived in could continue to exist.

I tried to explain it to her but was never able to get the words added up correctly in English. On the bright side, my very first record I bought in the West was a Bruce Springsteen Album released only in Europe called "Working Class Dog" . It had a Pitbull dressed in a white shirt and red tie on it I think. I've been a Bruce fan ever since.

Remember how you felt as a kid when you couldn't wait for Christmas to come? Well, it was pretty much the same sort of expectation with which I was hoping that soon , very soon , we could leave for West Germany.

By the way, I think I mentioned before that East-Germany in the late seventies was in many regards similar to Western countries in the early sixties. Actually, come to think of it, there were some aspects that I really wish I had available for my daughter as she grows up in Los Angeles in this day and age. For example I could go hitch-hiking as a 16 year old teenager without worries of being accosted. Even more, as a young boy my friends and I would play in our neighborhood or across the entire town without fear of crime. The worst criminal behavior that we might see - if you call it that - would be a couple of drunk middle aged men, walking down the street arm in arm on Father's Day, singing bawdy drinking song. Or better yet, watch those same sloshed citizens loose all inhibition and jump into the town fountain for an impromptu bath.

Unbeknownst to us, this period entailed a great deal of hectic activity for the BND as well as an unforeseen player in this game - Lieutenant-General Guenther Kratsch. Chief of the "Spionageabwehr" (Counter Espionage) department of the Stasi.

Now onto PoSW's 'Items from the Media':

Items of Interest from the Media:-

The *Mail on Sunday* of 26-February reported that M15 has stopped spying on Marxist students and trade unionists as they are no longer considered a danger to national security. According to Jason Lewis, Whitehall correspondent, "As it faces up to the threat of international terrorism in the wake of the 9/11 and 7/7 attacks it has dropped all so-called "reds under the bed" operations. The "enemy within" surveillance monitored the activities of hundreds of radicals.....including some who went on to be Labour Cabinet Ministers. Secret files on Foreign Secretary Jack Straw classified him as a subversive when he was a student leader in the sixties". There is a photograph of "Hapless Jack" Straw taken in the Sixties when he was a student "leader" and he has the same shifty, devious look about him as he does now. Always puts me in mind of a small-town used car salesman who has just spent the afternoon winding back the mileage indicators on all of the vehicles in his showroom and can hardly believe he has gotten away with it. A couple of other names of those regarded as a threat to the State a few decades ago include Peter Mandlesson who was bugged by M15 for three years in the late Seventies and Peter Hain who conducted a campaign against the then South African government. There is also a mention of the spying activities conducted against trade union leader Arthur Scargill who led the coal miner's strike in 1984, one of the great dividing lines in British domestic politics because it marked the end of the trades unions as a serious force in the country. I remember an incident concerning the miner's strike which occurred several years afterwards when there was a news report that two individuals fairly high up in Mr. Scargill's union executive were informers for the intelligence services and had been for many years - I think they were given new identities and a generous financial package by a grateful government who were able to break the miners because of the inside information they provided. Mr Scargill was pounced on by reporters as he left a meeting and was asked by one of them "Mr Scargill, what is your reaction to the reports that two of your trusted colleagues were M15 informers". Without a moments hesitation Scargill replied "I'm surprised there were only two".

On a somewhat related theme there was much discussion in the media as to whether or not there was a plot to overthrow Prime Minister Harold Wilson who led the Labour government in the Sixties and again in the mid-Seventies. There have been many rumours about this over the years and was touched upon by Peter Wright in his *Spycatcher* book. The story goes that a plot to overthrow Wilson had been prepared by MI5 with a collection of businessmen and senior military men who would form a government with Lord Mountbatten as its head. The reason for such drastic action was the supposed mess the Wilson administration was making of the economy and the belief that Wilson himself was a Soviet agent. The events formed the basis of a drama-documentary put out by BBC television on March-16 based on conversations Wilson had with two BBC journalists in 1976. I must say, having lived through the Wilson years he didn't seem to be all that much of a rabid communist. The big overseas news story in the second half of the Sixties was the Vietnam War and Harold Wilson appeared to be one hundred percent in favour of what the Americans were doing although he stopped short of sending British troops despite great pressure from President L.B. Johnson. Had he given in to the Americans we might have had somewhere in London our own black granite memorial with thousands of names on it just like they have in Washington.

The death of John Profumo in early March was the cause of much comment in the press. The Profumo affair was a major news story in the early Sixties when the then Secretary of State for war got himself mixed up with some ladies of easy virtue most memorably a certain Christine Keeler who, when she wasn't servicing Mr. Profumo was busy dispensing her favours to Yevgeny Ivanov, the naval attache at the Soviet embassy which, at the height of the Cold War, had obvious security implications. In 1963 Profumo stated in Parliament that there was "no impropriety" in his relationship with Keeler but a few weeks later he appeared before Parliament to say that he had misled the house and that he would resign. And resign he did, an action which would be unthinkable with any of today's politicians. Who could imagine any of the current self serving bunch resigning on such a matter? And he didn't re-appear on the board of directors of companies seeking fat government contracts; instead he went into charity work in the poorer areas of London and became highly regarded. Whatever his faults he atoned for his sins many times over and notwithstanding the threat to national security of his actions I am sure he caused far less damage to the wellbeing of this nation than any of the politicians who have been in power over the last two decades. One of the best sources of the salient facts on the Profumo affair can be found in the book "Espionage, an Encyclopedia of Spies and Secrets", compiled by Richard M Bennett, published by Virgin Books Ltd.

Update on the Lockerbie disaster;- the *Sunday Express* of 9-April carried an interesting piece on a possible cover-up in the aftermath of the event which took place on December 21 1988 when Pan American Flight 103 exploded over Scotland killing 259 people on board and 11 on the ground. According to a police surgeon involved in the case, Dr. David Fieldhouse, a body went missing from the scene which led to the wrong man being jailed for the atrocity. In 2002 a Libyan was found guilty of the bombing and sentenced to a minimum of 27 years in prison. The allegation is that the missing corpse was removed as part of a CIA plot to conceal the identity of someone who should not have been on the plane. The article says "Many close to the investigation believe it was Syrians, not Libyans who planted the bomb after infiltrating a botched CIA operation that allowed terrorists to send heroin across the Atlantic in return for information about American hostages in Lebanon. The story revolves around the fact that Dr. Fieldhouse helped to recover and tag 59 bodies of the victims but later it turned out that only 58 were listed with one of them being removed from all official records. There were reports at the time of a coffin-shaped box being shipped out of Carlisle and there were claims that CIA agents dressed in Pan-Am overalls had combed the countryside for luggage belonging to a number of dead American intelligence agents who had been on board. A woman police officer reported finding a CIA badge in the debris but was ordered not to make any record of it.

"Better late than never" - proverb. On 3-March several papers carried the story of an intercepted message from the Second World War, encoded by the famous Enigma machine, finally being decoded 64 years later. The *Daily Express* reported in a piece by Mark Reynolds that "Three coded messages which have remained undeciphered since the Second World War are finally being cracked thanks to thousands of computer owners. The German codes baffled Allied cryptographers during the war. But one of the messages from a Nazi U-boat captain has now been revealed through code-breaking software on a grid of PCs linked to the internet" The message rendered into plaintext is a fairly routine communication from Kapitanleutenant Hartwig Looks, commander of the U264 and dated November 25 1942 on the prevailing weather conditions together with course and speed taken in the aftermath of being on the receiving end of a depth charge attack. The story continues "The successful attempt to crack the code was initiated by German violinist Stefan Krahe. He wrote the program and publicised it on the internet, attracting the interest of about 45 people who allowed their computers to be used. In the end the project snowballed, involving 2,500 terminals around the world.

New radio talk show host;- the London based commercial radio station Talk Sport has recently acquired a new presenter in the form of Mr. George Galloway, former Labour Party Member of Parliament - long since fallen out of favour with Mr. Tony Blair and now the only "Respect Party" MP, and of course sometime hand-shaker of Saddam Hussein. The output of Talk Sport Radio as the name suggests is largely concerned with sport - which in the UK means football - and a great deal of its peak-hour output is dedicated to the task of hyping up the whole money-making business for the benefit of its shaven headed, tattooed and ear-ring wearing followers.

However, there is only so much crap that can be spoken on this subject and in the late evenings the station concerns itself with various other topics. The whole talk radio format is something which has been copied from the USA where no doubt it works very well, less so in the UK where the laws of slander and the recent legislation restricting what can be said in public greatly limit what can be discussed and indeed, much of the programming these days is in the form of a contrived angry rant against various aspects of the law as applied to motor vehicles, especially with regard to parking restrictions and speed limits as enforced by automatic cameras. Nevertheless, George is the exception and makes a far better job than most of his fellow presenters when he does his two hour slot on Saturday and Sunday evenings, modestly entitled "The Mother of all Talkshows", covering many serious subjects and engaging in lively debate with the callers.

[PL's comment: I am not a lover of anything sport; I'll follow Cricket and a bit of Rugby but I don't really care two hoots for the rest of the nonsense. I discovered TalkSport one morning at when fed up with the rhetoric from my usual haunt of 97.3 I thought I'd tune on the MW band. I landed on 1089 and Mike Mendoza – interesting show at 0400 whilst I take a shave. Then there is like presenters in the evening [football nonsense permitting] and George Galloway Saturday and Sunday. I listen to GG on my minidisk during the week – makes crappy journeys come alive – especially when some punter rings in, attempts to make life difficult for him and slags GG off only to be told he can expect to hear from GG's lawyers. It really is entertaining. The only downside of non-sport listening is Actor Steve Hartley's- ex Ch. Supt Tom Chandler in The Bill continual voice – very annoying indeed].

Thanks PoSW – and now onto our continuing NEWS & ITEMS of INTEREST penned by KW and a variety of others:

MUO MUO MUO

ZBZ ZBZ ZBZ ????

ZCZC 1027Z210406

FLASH ENIGMA 2000

NOT CONFIDENTIAL CRYPTO MARKED ~ ~ KLGTY CLEAR

BEGINS:

The Army is to get a new air-portable battlefield communications network called FALCON under a contract worth in excess of £200m, Minister for Defence Procurement, Lord Drayson, announced yesterday.

BAE Systems Integrated System Technologies (Insyte), has been awarded the contract to design and manufacture FALCON which will equip senior commanders with one of the world's most advanced and powerful digital communications networks for controlling combat operations at corps, divisional and brigade level. It will have up to 50 times the data throughput capacity of the systems it replaces and will massively improve the Army's communications network and reduce the number of Royal Signals vehicles and personnel needed to support a major headquarters. It is due to enter service in 2010.

Lord Drayson said: "I am very pleased to announce that we have awarded the FALCON contract to BAE Systems Insyte for this hugely important system. Its delivery will provide the Armed Forces with the modern, secure communications infrastructure required for effective operations". "FALCON will be a vital part of the network-enabled operations that will help our front line commanders cut through the fog of war and ensure that they have the ability to communicate quickly and effectively across the battlefield. Studies have shown that better and faster use of combat information gives our Armed Forces a major advantage over any likely opponents and FALCON, integrated with the Bowman tactical communications system and the Cormorant command system, will give them that crucial advantage. It fully supports our future procurement policy as laid out in the Defence Industrial Strategy"

FALCON will provide the battlefield communications infrastructure to support the Army's command systems. The Bowman tactical system will feed information into FALCON, which will be able to link back to UK headquarters using the Skynet 5 satellite communications system. FALCON will replace in-service systems such as Ptarmigan, Euromux, and the RAF Transportable Telecommunications System (RTTS). The FALCON network will permit transmission of large amounts of data between Army Headquarters and battlefield commanders. The system will be deployed to and operated by Royal Signals Units and will allow significant operator reductions over the existing Ptarmigan system.

The FALCON project is managed by the Theatre and Formation Communication Systems project team, based at the Defence Procurement Agency in Bristol. The team is led by Martin Sheppard

In line with the Defence Industrial Strategy; the programme will sustain a cadre of engineers that understand our systems and requirements in order to support our equipment in the future. It also maintains our capability to produce equipment over which a measure of sovereign control is required (e.g. cryptographic material). FALCON is key to the "Resilient Information Infrastructure" of Network Enabled Capability (NEC) by providing the modern, secure communications infrastructure required by deployed formations and operating bases. Anon.

--- End forwarded message ---

NNNN

ZCZC

TNX Anon ZBZ5 ZBZ5 ZBZ5

BOWMAN? Better Off With a Map And Nokia imi system name CUPSTRINGCUP imi

BIBI E2K

Blog info

Last time we mentioned a blog run by Mr Michael Smith, a convicted spy. It came to our notice that The Ealing Times actually printed further details of Mr Smith's view of his conviction:

<http://www.ealingtimes.co.uk/display.var.704285.0.0.php>

For those without computer access:

'Spy' out of the cold
By Susan Greenwood

The Cold War may be becoming an academic subject but for a former Kingston resident fighting to clear his name, it is very much a hot topic.

Mike Smith, 58, has spent 10 years in jail accused of passing on defence secrets to the KGB, the Soviet Union's infamous intelligence service, during the early 1990s.

But he has always vehemently protested his innocence, claiming an unfortunate series of coincidences, bad decisions and an incendiary political climate contributed to his downfall.

He believes he was made an ideal scapegoat because of his past involvement with the trades union movement in Kingston, as well as the Young Communist League, which saw him take trips to Moscow in the early 1970s.

Mr Smith admits to industrial espionage, selling information while working for the General Electric Company at the Hirst Research Centre in Wembley and amassing around £20,000. But he was adamant that he was not selling secrets to the Soviets between 1990 and 1992.

He said: "I am trying to discover and expose the full story behind the conspiracy that led to my conviction of supposedly spying for the Russians and have been trying to make noises about this for some years. I just want to sort it out and clear my name. "It has changed my whole life, damaged my possibility of getting a job and led to the end of my marriage."

Central to Mr Smith's conviction was the character of Viktor Oshchenko, his alleged KGB contact who defected to the UK in July 1992. Mr Smith denies any contact with Oshchenko.

He said: "It's possible I could've met him, because a guy I knew in New Malden brought a group of Russians down to a social gathering. But that was in the 1970s not the 1990s and I don't know what's happened to him now."

Mr Smith's appeal in 1995 was turned down, claiming treachery is treachery and it must be punished'. For more information on the case go to www.parellic.blogspot.com.

sgreenwood@london.newsquest.co.uk.

9:47am Friday 10th March 2006

"How Al Qaeda Stays Connected"

According to Pakistani intelligence sources, the use of free and anonymous e-mail services such as Yahoo! or Hotmail by al Qaeda operatives is widespread.

To avoid being intercepted, the messages are not sent but saved in the account's draft box.

They can then be retrieved by other operatives by simply logging on to the same e-mail address — with a shared password.

This technique makes it impossible for intelligence services such as the British GCHQ or the American NSA to read these messages without hacking into the servers themselves, which they are legally prohibited to do."

What tripe! Intelligence held in the draft box must flow through a compromised medium (comm network) to reach any given receiver.

The intent of the disinfo is to get the amateurs to keep their messages in their draft boxes. Whenever the same draft box is accessed by a computer, the IP is logged by the email server. Then, a mongo link can be drawn up to study the pattern and figure out who is in charge of the amateurs.

<http://mediachannel.org/blog/node/3665>

Army Colonel faces trial on charges of espionage

Colonel Deepak Raina of the Indian Army faces court martial for allowing a Pakistani spy to access top-secret war plans.

He is the highest-ranking Indian officer to face spying charges.

It is also one of India's biggest espionage cases since the Sambha spy scandal in 1971.

Raina, who was the colonel operations at Tezpur, 4 Corps headquarters in Assam, had asked Lance Naik Javed Khan to copy some top-secret documents in July 2005.

Khan did download the papers from a restricted computer for Raina but kept a copy for himself, which he then passed on to his father Hanif.

Hanif, a retired IAF sergeant, was believed to be working for Pakistan and was later produced in a local court in Guwahati.

War plans

The documents contained information about India's response to a nuclear attack, entire plans of missile deployment across the nation, reshuffle and redeployment of all infantry units in the army between October 2005 and March 2006.

It also included tactical and strategic sector-wise deployment of troops on the India-China border under 4 Corps.

Raina's boss Lt Gen AS Jamwal wanted the documents copied as he was raising a new corps in Himachal Pradesh.

Raina is charged with violating procedure by allowing Khan to access to classified information. He is being held responsible for not being vigilant enough.

The question is if Colonel Raina is guilty of being too casual with his work or something more than that.

<http://www.ndtv.com/topstories/showtopstory.asp?category=National&slug=Army+colonel+faces+trial+for+espionage&id=18969>

Brought to notice by Jmm [tnx]

Cryptic tips for students

Gloucester Citizen 10:39 15-Mar-06

It Could hardly have been a more apt school to provide lessons about the secret world of electronic espionage. Youngsters from the Crypt School in Gloucester have been learning about the cryptic world of Cheltenham's GCHQ eavesdropping base.

The school hosted a GCHQ morning for Year 9, 10 and 6th form language students.

GCHQ, the Government communications headquarters, sent a team to the senior school to talk about the importance of languages to their day-to-day work.

Pupils took part in a series of workshops with the team, which gave them the chance to find out about GCHQ, hear about languages in the military and gave them a taste of Chinese, Japanese, Arabic, Urdu and Greek languages.

The school is trying to get more pupils to take up languages and GCHQ staff met students last year.

County councillor Joan Nash, cabinet member for schools, said: "Staff of the Crypt School and of GCHQ should be congratulated in arranging this opportunity for pupils to talk about the importance of languages in the workplace.

"Opportunities such as these, give pupils useful information to take into account when they are selecting subjects for later examination courses and career selection."

Penny Krucker, head of international education at the county council said: "I am delighted that one of Gloucestershire's top employers is showing such interest in languages in our schools.

"It is great to see such a time commitment by GCHQ to inspire and support young people's acquisition of languages."

<http://www.thisisgloucestershire.co.uk/displayNode.jsp?nodeId=138762&command=displayContent&sourceNode=138530&contentPK=14179578&folderPk=80414>

[Sent in by Jmm]

Makes you wonder why the JSSL closed. Anyone with an interest might like to take a look at 'Secret Classrooms', Harold Shukman and Geoffrey Elliott..

Hawker P1127



This version of the Harrier Jump Jet can be seen at Bletchley Park National Codebreaking Centre. [Colossus rebuild bldg seen behind].

In addition to this there are exhibits to interest any ENIGMA 2000 Member.

PLondon's favourite is Hut 1, the Diplomatic Wireless Exhibition.

The cover pic on NL33 was the 6 tone Piccolo Unit, which can be seen at weekends in Hut 1 DWS Exhibition.

The Hawker P1127 was the project name of the harrier Jump Jet, perhaps Britain's most prolific Post WW2 jet fighter. Many a schoolboy bought the Airfix model or Dinky Toy or added it to his Vapour Trails display.

It saw action in Britains last Colonial War in 1982 when we sorted out the Argies over their claim to the Falklands – or the less attractive Malvinas as the argies renamed it. [I recall seeing all the cans of Corned Beef untouched on supermarket shelves – 'Produce of Argentina' became, 'canned in Brazil' or the rather direct 'Argies are barmy, send in the Army' painted along the Auxiliary Fire Station wall in Old Town, Croydon].

Apart from Argies and Malvinas another word entered our language; viffing. Viffing was an acronym from the RAF term Vectoring In Forward Flight. In other words whacking the brakes on and letting a missile go past [or your opponent] before destroying it..

The Metro of Tuesday 28th March on Page 25 showed an aerial photo of 1200 naval personnel and 50 school pupils bidding farewell to the Royal Navy Sea Harrier FA2 jump jets at Yeovilton as they were taken out of service.

PLondon met the Sub Lt at a RN Dockyard who developed the ski jump used for fuel efficient take-offs – he also left a damn good bill in the Officers Mess at HMS Vernon too but the least said about that the better.

[Alongside the pic about the jump jets a prominent piece was placed that accused Ken Livingstone, London's Mayor, of calling The US Ambassador a 'Chiselling Crook' because of his refusal to pay London's congestion charge. Apparently, Mr Tuttle runs one of America's biggest car dealerships. This was recognized by our Ken who then called Mr Tuttle 'a salesman who was a friend of Mr Bush. On 06/04 PM Bliar – no doubt desperate for votes as well as to lose certain remarks about his relationship with Bush announced he supported Ken and the charges – the UAE Embassy has apparently paid the charges asked for as Ken stated he looks forward to clamping Mr Tuttle's car].

Apart from the removal of the Harrier from Yeovilton [PLondon and DoK once knew a LtCdr who was the ATC there] a recent article shewed the Paras marching out of Dover on their way to their Welsh billet. Wonder if this is a land sale?

An American led attack on Iran's nuclear installations is all but inevitable..... But Iran has the 'Hoot'

So started a short in the Sunday Express 2nd April 2006 which mentioned that this possibility is due to be discussed at a top level Whitehall meeting as relations between the west and Iran continue to deteriorate. [They've got oil!!!!].

The very next day a variety of papers, mine was the Metro, carried the story about Iran's successful test of a high speed torpedo that can do 224mph [360kph]. It is capable of destroying large warships and submarines but it is not known if the Hoot can carry a nuclear warhead.

Rice and Straw on North of England walkabout

Condoleezza 'what a handle' Rice and Jack Straw [or as a certain young man calls him 'the Demon Headmaster] visited Blackburn and Liverpool where residents made their feelings quite clear about the Iraq War [and didn't Mr Mayor look sick?]. Then wanting a safer place they flew to Iraq to have talks with Mr Jaafari, who they feel is not up to uniting all Iraqis.

In the Metro Condoleezza 'what a handle' Rice is reported as suggesting that in a comparison between Iraq and Iran that 'the circumstances are different.' Dead right Ms Rice – this lot will really fight back, just like North Koreans and that's died a death lately too. Does N Korea not have oil then?

What's your password?

Plondon was settling into the last day before a couple of day's leave and was pondering on the lack of interesting newspaper job adverts. Then he saw the ad on P36 Metro 29/03. What's your password? It declared on behalf of MI5, the Security Service.

The job itself is for Service Desk Analysts educated to A or GNVQ Level in an IT subject. You do need a good grasp of MS Windows and MS Office though [Wot! No Linux?] Not surprisingly no applications via Capitas – now its Harvey Nash, but remember it's all 'A matter of national security!' Wonder if this is part of the screening of all data messages etc or just to keep their own pc's in good order? Wonder if the expected JTAC is part of this recruitment drive?

Rendition! [n. rendering, performance, interpretation]

Whilst we talk about MI5 we received an interesting email highlighting the US Rendition flights [which Britain could never be part of ;)].

The URL for this BBC Newpiece is: http://news.bbc.co.uk/go/em/fr/-/2/hi/uk_news/politics/4851478.stm

The headline 'MI5 enabled UK pair's 'rendition'' followed by the strapline, 'Telegrams sent by the British security service led to the "extraordinary rendition" of the two UK residents now in Guantanamo Bay. It's an interesting read especially when you learn that those banged up are an Iraqi citizen with UK residency who claims his link with Abu Qatada was expressly approved and encouraged by British Intelligence and the other is a Jordanian refugee who had been living in North West London.. It's an interesting read.

UK TOP SECRET STRAP 2 UK/US EYES ONLY JOINT INTELLIGENCE COMMITTEE ASSESSMENT:

International Terrorism: Impact of Iraq

So began a piece on the front page of the Sunday Times of 02/04. Did you know, and this may well be a difficult question because its from a 'leaked top-secret memo from the JIC' that the war in Iraq has made Britain the target of a terror campaign by al-Qaeda that will 'last for many years to come'. Apparently Tony Blair didn't and had to be warned by the Spy Chiefs. The article, by David Leppard, also points out that for the bombings on 7th July Mr Blair blamed an "evil ideology", not the war, for motivating the suicide bombers.

What caused some discussion is that Blair has to be appraised of this situation when the rest of this over-taxed and very pc and thought controlled Nation already knew it.

Army Spy Payout

Page 62 of NL32 carried this piece:

'Spy' claims sex hell

The Sun newspaper carried a story on 09/11 [ninth of November to the yanks] penned by Virginia Wheeler and entitled 'Spy Girl claims sex hell'. PLondon had previously received an email from AnonNI giving a URL that took him to the BBC News site and the same story:

< <http://news.bbc.co.uk/1/hi/uk/4413620.stm>> and a chance chat with DoK about oversleeping and missing the 0340z alternate Wed sending brought in the mention of the Det and all things Miss Mates!

The early BBC piece mentions in one paragraph, 'Cpl Mates, who earns £27,000, is retiring from the 14 Intelligence Company, part of the Special Reconnaissance Regiment.

The reason for Miss Mates action is apparently due to the years of degrading abuse – if she wins – it will cost the MoD only £686,000.

These complaints go right back to the time when Miss Mates joined the army, ten years ago [Sept 1995]. Miss Mates is 30years old and is retiring from the Special Reconnaissance Regt. This regiment is known as the 'Det'.

A collection of articles on Miss Mates apparent ordeals – all sexually motivated - are covered in a variety of newspapers.

However the Sun makes this claim, "Two years later she joined 14 Intelligence Company, the special section known as 'The Det'"

.....The Det is already under scrutiny over its role in the surveillance operation in London that led to the killing by armed police of Brazilian Jean Charles Menezes. [As we previously stated police are not armed with automatic weapons -- now they claim dum-dum bullets used – or, to be accurate, 'hollow point shot' - and who really gives a toss?]

In continuation a male colleague later claimed that Miss Mates was the 'victim of schoolboy pranks.'

E sent an interesting cutting from a British newspaper, Daily Telegraph that featured a piece entitled, 'Army reveals secret elite unit that puts women on the front line.'

An interesting article indeed as it itemises a different area where the Special Reconnaissance Regiment has excelled, the training and selection and who else they work for. [tnx E].

On 5th April 2006 p13 Metro Newspaper fielded the headline, '£12000 for Army spy in sex case,' whilst the Daily Express Page 5 offered, 'Payout for lesbian jibe Army spy.'

We will not detail the claims here but suffice it to say that Miss Mates suffered a catalogue of abuse that accounted for her 43 allegations. Of these 43 only 12 were proven but compensation awarded on only six. The total amount was £12000, well short of the £686,000 originally demanded.

At the hearing she was told that special forces "are even more prejudiced against women than the mainstream Army." She was, apparently, passed over in favour of less talented men [that's a trait of all services – you don't even need to be a soldier to encounter that – according to a mate of KW the MSC is rife with it – only those who burn the seat they sit on get promotion, irrespective of ability].

AnonNI kindly sent in the following link: <http://news.bbc.co.uk/1/hi/uk/4877190.stm>

And remarked, "I have to say that the following has been the subject of much laughter, and as such I must nominate it as 'Quote of the Week'

"Another successful compensation claim was for a colleague attempting to prevent Cpl Mates from attending a rounders [also known as Baseball in America] competition." Followed a close second by; "The final successful claim was that female toilets used by Cpl Mates had had cling film placed over them."

I really don't know what to make of the above.....sounds more like the charge sheet of a grammar school detention, rather than proceedings taking place in a courtroom. I wonder is she looks just so smug now, having only got £12k compensation in respect of a number of claims, rather than the original £686k that she was claiming in respect of forty-three separate claims. What is the world coming to? [Tnx AnonNI]

"Spymaster Require....."

So there I was sitting at my desk on Tuesday 11th April, 2006 with a cup of black tea when I opened the Metro free paper. Page 44 secretarial jobs section had the usual ads, but one stuck out above the others. I had actually seen the email address, 'lee@spymaster.co.uk' and my mind went straight to Lee Tracey, a former eavesdropper for MI6, and development engineer who developed a system I can't remember the name of!!

Converting the email addy to:

<http://www.spymaster.co.uk/> I took a look at the very professional site. The online catalogue is also interesting. Those without PC can send for one but it will cost you 40 quid for the pleasure.

I recall that Lee Tracey also featured in a past Wireless World but again I cannot remember the date, mid to late 1980s. Anyway, if you are a cheerful, non-smoking/secretary/receptionist who wants to work in SpymastersW1 showroom with 3 weeks hols per annum you can expect £20k

Putin abolishes spy agency prisons

Moscow, Apr 17: Russian President Vladimir Putin today abolished the high-security prisons of the country's powerful counter-espionage agency Federalnaya Sluzhba Bezopasnosti (FSB), used mainly for pre-trial detentions.

The FSB -- one of several successors of the Soviet KGB -- is involved in counter-espionage and anti-terror operations, and is reported to have a number of prisons including infamous high-security Lefortovo Jail where foreign spies and prominent Chechen terror leaders were confined after arrest.

Putin signed into law his decree making FSB detention centres part of the country's penitentiary system, administered by the Justice Ministry, a Kremlin press release said here.

The law now prohibits the use of these prisons for holding individuals accused or suspected of committing crimes whose investigation falls within the purview of FSB.

The move is designed to ensure the rights, freedoms and legitimate interests of suspects and prisoners in line with recommendations from the parliamentary assembly of the Council of Europe (Pace) and falls and Russia's obligations under 1996 accession to the council, the release said.

Bureau Report <http://www.zeenews.com/znew/articles.asp?aid=289018&sid=WOR>

[Via JMM – thanks]!

Political Rhetoric and fun in the NL

A couple of our readers contacted KW to berate him over his waggish treatment of Tony Blair – that is why this issue is virtually free from his verbal spankings of HMG.

Well old Ken has missed his chance this time – Party Political Broadcast on behalf of the Labour Party broadcast in UK 1855 18/04, so we'll do it for him:

The missed PPB can be seen on <http://www.davethechameleon.com/video/web/dave-the-chameleon-xl.mov>

Far from telling the viewers what Labour has in store for us in its local election mandate [we all know it's much of the same – strip us of money, give it to illegal immigrants and ruin the NHS and a bit of easily forgiven sleaze on the side] it represented the leader of the Conservative Party [Tories for non-Brits] as a Chameleon riding a bike. They attempted to suggest that David Cameron changes his political views depending on his needs to reach the people.

The PPB actually achieved two things; one being an advert for the film maker who did the very clever work, the other being to vote for any party but Labour.

If David Cameron does change his colours to suit it's better than lying, surely. The local elections are due on 4th May and the buzz in the media is that a huge portion of the vote will be given to the extreme right wing BNP because of Blair's poor stewardship of this Country. The fact is that many will vote for the extremists not because of Blair's poor leadership but because they are pissed off with being treated as second rate citizens who are, in effect, cash cows for Labour. The illegals in the country get all, unmarried mothers get all, skivers get all and the elderly who have contributed all their lives have to exist on subsistence pensions because they should have saved [in the worlds most taxed country].

My father, an 86yo veteran of Burma, looks out of his window and wants to know why he was forced to fight in WW2 and what really came out of it. It was, he says, not worth the lives of decent youngsters to have to live in a country where there is no respect and where the fat of the land is shucked out to those who have never contributed. Criminals are no longer punished correctly, shootings and street robbery are common. You can't get treatment in hospitals because the wards have 'mature students' all suffering HiV, TB and suchlike. It is, of course, their Human Right to get treatment – but what about those of us who work to pay for this lot? Yours truly had a growth removed that demanded immediate treatment – I waited 4 months for that and was told by the surgeon that it was not benign.

Blair slagged off Cameron for no reason other than to ridicule the man and his party; perhaps he should look round and see the absolute crap of a country he has created. "Tough on Crime, Tough on the causes of Crime." Tell that to the mother who goes to visit her son in the morgue full of shot from a converted Brocock; because no else believes it either. Mr Cameron will not need to reply to the slur placed upon him because Blair has done it himself.

So far Mr Cameron has not said much; what he has said is common sense though – 'Vote for anyone but the BNP.'

But what if the BNP do get into a plethora of Councils – especially the labour controlled ones – what will happen then?

Not a humorous account as KW would do it – perhaps a little bitter too – but all true from the eyes of the working classes of Britain.

The Joint Special Forces Support Group

Britain to double commitment to the war on terror with 'SAS Lite'

By Sean Rayment, Defence Correspondent

April 2005

A new elite fighting force is to be created that will enable the Special Air Service to double the number of military operations against terrorist organisations around the world.

The creation of the unit, to be called the Joint Special Forces Support Group, will mean that Britain's special forces will grow to more than 2,000, their largest number since the Second World War, most of whom will be committed to fighting terrorism within the United Kingdom and abroad. The 650-man unit will be composed mainly of paratroopers, who have a proven track record of working alongside the SAS, in addition to troops from the Royal Marines and the Royal Air Force Regiment.

Gen Sir Mike Jackson, the Chief of the General Staff, is understood to have told special forces commanders that the unit should be ready to conduct operations alongside the SAS by early 2008.

The Telegraph has learnt that defence chiefs want the SAS and its Royal Marine equivalent, the Special Boat Service, to be freed to return to their original role of staging special operations.

These would include long-range infiltration operations deep behind enemy lines, counter-insurgency ambushes, and the seizure of terrorist suspects in hostile countries. This would leave more conventional attacks, such as those carried out in the Afghanistan and Iraq wars, to the new unit.

Senior officers within the special forces have long believed that the SAS should operate more like its original incarnation, the Special Operations Executive, which was formed in June 1940.

The SOE, composed of male and female agents specialising in sabotage, spying and assassination, was ordered by Winston Churchill to "set Europe ablaze". In Afghanistan during November 2001, the SAS was ordered to help to destroy al-Qaeda bases in the caves of the Tora Bora mountains, an operation that was described by the SAS squadron commander as a misappropriation of special forces.

The new unit will be commanded by a Parachute Regiment lieutenant colonel and will be based at St Athlan Barracks, in South Wales, close to the SAS headquarters in Hereford. The force will be composed of around 450 soldiers from the 1st Battalion of the Parachute Regiment and 200 members from the Royal Marines and the RAF Regiment.

Troops from across the Army will be invited to join the new unit, but those from outside the Parachute Regiment or the Royal Marines will have to pass rigorous tests in addition to the demanding Army parachute course.

While the Paras will supply the assault troops for military operations, it is understood that commanders are keen to exploit the special skills of the Royal Marines, such as maritime surveillance, and the RAF Regiment, who would secure landing sites and airfields.

The possibility of a new unit was first discussed last year during the controversial restructuring of the infantry, which saw the demise of three infantry battalions.

Gen Jackson convinced Geoff Hoon, the Secretary of State for Defence, of the need for a so-called "Ranger" battalion - based on the United States Rangers - to work alongside the SAS, and the general was effectively able to reduce the number of battalions facing the axe from four to three.

The Parachute Regiment had previously demonstrated its expertise in working alongside the SAS in September 2000, when 110 members of the regiment helped in the rescue of 11 British soldiers who had been kidnapped by the West Side Boys, a Sierra Leone guerrilla organisation. The mission was a success, although one member of the SAS was killed and several Paras were injured.

A senior Army officer described the creation of the force as a "welcome move which has been a long time in coming".

H said: "You could describe the new unit as SAS Lite. Soldiers wishing to become part of it will have to offer much more than the average infantryman but the entrance requirements will not be as demanding as those required by the SAS."

[Believed to have appeared in the Daily Telegraph but this taken from 'SkyscraperCityForums' and posted by 'Arthur Dent']

The Metro 21/04 page 2: Elite Unit Confirmed

Defence chiefs yesterday confirmed the creation of an elite unit to support Britain's special forces and strengthen anti-terror operations. The Special Forces Support Group, including Royal Marine commandos, army paratroopers and RAF freefall experts based at St Athan barracks Cardiff Wales, will support the SAS and Special Boat Service in battle and help police dealing with terror attacks. The Unit came into operation on April 3 but its existence was confirmed by Defence Secretary John Reid only yesterday [20/04]

Written Ministerial Statement: Secretary of State for Defence Dr John Reid

Special Forces Support Unit

The Secretary of State for Defence (Dr John Reid): On 16 December 2004 (Official Report, column 1798), as part of the wider programme to modernise the UK's defence capabilities, the then Secretary of State for Defence, the Rt Hon Geoff Hoon MP, announced to the House the Government's intention to create two new units that would significantly improve the specialist support to the Special Forces and enhance our global capacity to fight terrorism.

The first of these new units, the Special Reconnaissance Regiment, became operational in April 2005 and is already delivering a globally deployable special reconnaissance capability to the UK Special Forces.

The second new unit is the 'Special Forces Support Group'. SFSG is an enhanced capability that will directly support UK Special Forces intervention operations around the world and will provide the UK with an additional counter-terrorist capability.

I am pleased to be able to inform the House today that the SFSG has now stood up in St Athan, near Cardiff, and achieved Initial Operating Capability as planned on 3 April.

Personnel for the new unit have been drawn from the Parachute Regiment, the Royal Marines, and the Royal Air Force Regiment. The unit will be part of the UK Special Forces Group.

The principal role of the SFSG is to provide direct support to UKSF intervention operations, as well as reinforcing UKSF in other key capability areas such as provision of specialist training and support to domestic CT operations. It will have a specific specialist infantry role and personnel will be equipped and trained accordingly.

No place for the 'Det' then?

Then we have:

MoD to fight terror - Bond-style

By Sean O'Neill

Like Q-branch in the films, a new centre will develop hi-tech gadgets to help thwart extremists

AN ELITE squad of scientists — the real-life equivalent of James Bond's Q Branch — has been enlisted as Britain's latest force in the fight against international terrorism.

The team of experts, which will operate from a new laboratory at the Ministry of Defence's secret research centre at Porton Down, Wiltshire, will develop gadgetry and weaponry to counter the terrorist threat.

The 15 key experts who will initially staff the Counter-Terrorism Science and Technology Centre will co-ordinate Britain's scientific response to attacks such as the July 7 bombings.

Their inventions may not quite be in the fantastical realms of 007's weapon-packed watches and bizarrely armed Aston Martins, but they will draw on the latest research and experimentation to provide technological answers to terrorism.

The MoD said that the new science centre — which will be officially opened today by John Reid, the Defence Secretary — will be a one-stop shop for all government agencies dealing with terrorist incidents.

The scientists will seek to develop new methods of detecting the presence of explosives, to improve the chances of identifying a suicide bomber before he or she has had the opportunity to carry out an attack.

They will focus strongly on the detection and defusing of the roadside bombs and improvised explosive devices used against British troops by al-Qaeda insurgents in Iraq and Taliban forces in Afghanistan.

The laboratory will be able to tap into the research going on outside government into developing ultra-sensitive and highly portable equipment for identifying traces of chemical or biological agents in the air. Remote-controlled chemical agent detectors are also likely to be developed. Major exercises have been conducted to rehearse the emergency response to a dirty bomb attack, and counter-terrorism agencies claim to have thwarted at least two attempts by Islamist extremists to mount chemical attacks in Britain.

"Terrorism is a real threat to us all and we must do everything we can to ensure the UK is best equipped to deal with any incident both at home and wherever our Armed Forces deploy," Mr Reid said yesterday.

"This new centre will provide a world-class hub to ensure government laboratories, industry and academia are used as efficiently as possible to keep one step ahead of evolving terrorist threats."

Ken Brigden, the director of the centre and the man who may come to be known as Q, said: "This centre will be staffed by the very best MoD, academic and industry counter-terrorist technical experts with cutting edge expertise in chemical, biological, radiological, nuclear and explosive threats.

"Terrorist threats evolve rapidly so the centre will respond, not just to current threats but also anticipate threats as they emerge and develop."

The creation of the centre was welcomed by Lord Rees of Ludlow, the president of the Royal Society. He said: "The new centre should clearly identify sources of expertise and this co-ordinated approach should help to prevent the duplication of scientific research and ensure efficient use of funds."

Lord Rees also called on the MoD to ensure that the benefits of the centre's work were made available to all of those involved in the fight against terrorism.

SECRET WEAPONS

Q branch in the James Bond films is headed by Major Boothroyd — MI6 codename Q

The part of Q was played from 1963 to 1999 by Desmond Llewelyn; John Cleese took over after his death

Bond's first hi-tech gadget was a briefcase fitted with a teargas dispenser, rifle and knives

The new Porton Down laboratory will be staffed by experts now working in the Defence, Science and Technology Laboratory and the Atomic Weapons Establishment

Original Source unknown — also taken from 'SkyscraperCityForums' and posted by 'CRAMPS'

SEE Also: <http://www.allheadlinenews.com/articles/7003312571> [Tnx Jmm]

Where are they now? [Katherine Gun - ex GCHQ something or the other]

Katharine Gun was a translator at the Britain's communications spy agency, General Communications Headquarters. In 2002, she leaked a top-secret memo to a British newspaper, revealing the U.S. was spying on U.N. Security Council members before their vote on the Iraq war.

Read her latest here - URL thanks to AnonNI who declared, 'Paragraph 6.....she really is naughty, isn't she?!'

[I totally agree with you there – bet she'll be under surveillance for writing that, at least].

http://www.tompaine.com/articles/2006/03/20/iran_time_to_leak.php

HJH E2K WATCH.

HELP SOLVE THE "ENIGMA!"

What an opportunity, thought this tired old author, as, out of the midnight VDU popped the following gem. An offer too good for any red-blooded aficionado of a NL named ENIGMA to decline (or refuse, for that matter!) There is, it seems, a project in progress to decipher one of the last unbroken ENIGMA 2000 encrypted messages transmitted in the last war. (You know, 1939-45, the war that popped up after the war to end ALL wars!) Four only exist at the time of writing this, (040306) so hurry along to your local decrypt comms bunker and get hacking. But, you'll need to rush, 'cos the old workstation has just told me that one has just succumbed. That's right, folks, only three left!

The project is named the M4 project. It is so named, it is thought, because these messages were generated on a four rotor machine. (Back of the class all those who thought it was a jigsaw for long motorway journeys.) Computer users who wish to become involved will be contributing their computer time and memory capacity in a similar fashion to those taking part in the SETI project. (You know guys, lil' green men R'us!) The project address is (<http://www.bytereef.orgnyud.net:8080/M4-project.html>) The help of computer users is sought to crack the last of these messages. HJH has offered his trusty vintage Sinclair Spectrum, but, as this is a family show, will not repeat the reply he received! HJH (With grateful thanks to John Leyden of the "REGISTER".

1984 RE-VISITED!

The author has suddenly realised, having just read in "THE REGISTER", which is a first rate on line source of current developments in the cyber world in which most of us spend large chunks of our time. (Well, it IS cheaper than the pub!) that all is not as well as the sultans of spin would have us believe. A couple of snippets----"Vehicle license data to be held for 2 years" And "UK Number plate cameras go national". And, of course, what could be complete without "GATSO 2 the UKs very own 24x7 vehicle movement database begins." Is it just THIS author, or is anyone else out there becoming a little bit scared? GATSO 2 (Son of Gatso is a bit more user friendly even if it IS Big Brother!) is a database capable of logging all traffic.

on Britain's roads and retaining this data for 2 years. This information was given to the SUNDAY TIMES by a member of the Association of Chief Police Officers (ACPO)

Using Automatic Vehicle Number Recognition, or ANPR, this system will be run from Hendon, which, being home to the PNC (Police National Computer) seems only fair.

After all, these things might get lonely (Can computers become gregarious?)

So what does it do, and why should we worry? It merges existing CCTV, ANPR, and Speedcam systems and databases. And THAT, my friends, is a LOT of surveillance.

The lately departed communist leaders of the now defunct Warsaw Pact nations would have given their collective genitalia for such a surveillance tool. (No pun intended!)

Time on line is given as April 2007 (Wanna bet it's not April first?) Come 2008, this system is estimated to be capable of processing 50,000,000 number plates PER DAY!

Fixed ANPR cameras already are in place at "strategic locations" on every major motorway in UK. (Source, John Dean, ACPO coordinator for ANPR.) The M42 will be used as a trial area for speed limit enforcement, and then will follow "more serious crime" (Their italics, not this authors) Coming in on the inside track we have our old friends the DVLA with a database linked to ALL MOT testing centres, and which can be linked in to this surveillance network. So, the motorists of our nation would appear to be stitched up like the proverbial bespoke suit! (Not that this author can afford one of THOSE!)

All this of course, depends upon the majority of us continuing to be law abiding and registering our vehicles as and when we buy them. This will mean that the law abiding will be the ONLY ones to be hit. Having been one of Britain's "Thin Blue Line" this author can see horrendous enforcement problems. More and more people will not register their vehicles or use false names and addresses. Another question is how will the system cope with the ever increasing number of foreign vehicles on our groaning roads? Easy! Ignore the difficult, and penalise the easy targets. Ask any CSA worker. (And I don't mean Confederate States of America!)

Which brings me back to the title. As a keen fan of the book 1984, which must rank as a classic, this author sees many similarities jumping out of the woodwork. In the book, the war, which is used to unite a down trodden nation, has gone on for so long no one remembers peace. Ring bells?

Population surveillance, via CCTV and other modes, is 24 hours, 7 days a week. (Here, in UK, the same can be said of us. CCTV coverage is now so total, that informed observers have stated that we are the most monitored population in Europe. The author is a civil servant working in a government building. The CCTV coverage, both internal and external, is extensive. The total number of cameras is in three figures!) Pornography, sex, and alcohol and drug abuse are encouraged as a sop to the masses. (Freely available cannabis and other drugs, 24 hour drinking, licensed brothels in certain UK towns, and TV porn channels and magazines ring any bells here guys?) For those amongst us with rose tinted bi-focals, the sentences in brackets are the way things REALLY are in this "home fit for heroes" Well, this author sure ain't no prude, but enough is enough. Let us close with a quote from 1984." Power is a boot kicking a human face forever. That, Mr. Smith, is power." Strange to reflect that most of this has come about under our leader (1984 again!) Bliar (Sorry, Blair, another typo!) And the author of 1984? Easy, I hear you cry, George Orwell. Correct! And George Orwell's real name? Yes folks, you guessed it, Eric BLAIR! Frighten you? It sure does me! HJH.

ASSISTANCE REQUESTED on this FCO Clandestine Communications and Propaganda Radio site:

It is believed that Rendcomb, 5 miles north of Cirencester in Gloucestershire was a wartime FCO Clandestine Communications and Propaganda Radio site.(may not have been used since late 1940's or early 1950's). There is little detail available about the use of this site and whilst we have ascertained there was an airstip there, little else can be uncovered.

It has been mentioned to us that apart from propaganda the base [if it existed] was also used as a DWS site. We would be pleased to receive any thoughts/information on this past site via g7vak@yahoo.co.uk or direct to Paul at his home address [See QRZ or Monitoring Monthly: Feb, Mar, or May 06].

ASSISTANCE REQUESTED by ENIGMA 2000 Member ACy

I am interested in Chapman Pincher's article appeared in the Daily Express on 12. January about Sonia, the well known russian agent first in China, then in Switzerland as the resident of the pre-war spy network, which later grown in to the Rote Drei during the 2nd WW

We would be pleased to receive any scans of this piece OR OTHER INFO ON SONIA via g7vak@yahoo.co.uk

OPERATION JALLAA: Input [3] noted – thanks. Output [1] given.

Thanks for your letters E

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

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

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

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

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

RELEVANT WEB SITES

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

<http://www.monitoringmonthly.co.uk>

<http://www.washingtonpost.com/wp-dyn/content/article/2006/02/16/AR2006021601462.html> [Skype security from JM]

<http://www.spymaster.co.uk/>

<http://www.allheadlinenews.com/articles/7003312571>

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

Please note that all items intended for publication in the next ENIGMA 2000 newsletter should be received in good time. Please send your articles, news items and requests via: enigma2000-owner@yahoo.com

Please indicate if you wish to be contacted direct.

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

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European Number Systems

English	zero	one	two	three	four	five	six	seven	eight	nine
Bulgarian	nul	edín	dva	tri	chétiri	pet	shest	sédem	ósem	dévet
French	zero	un	deux	trois	quatre	cinq	six	sept	huit	neuf
German[^]	null	eins	zwei	drei	vier	fünf	sechs	sieben	acht	neun
Spanish	zero	uno	dos	tres	cuatro	cinco	seis	siete	ocho	nueve
Czech	nula	jeden	dva	tr [^] i	chtyr [^] i	pět	shest	sedm	osm	devět
Polish	nula	jeden	dwa	trzy	cztery	pie,c'	szes'c'	siedem	osiem	dziewie,c'
Romanian	zero	unu	doi	trei	patru	cinci	s,ase	s,apte	opt	nouâ
Slovak*	nula	jeden	dva	tri	shtyri	pät'	shest'	sedem	osem	devät'
<i>* West</i>	nula	jeden	dva	try	shtyry	pet	shest	sedem	ossem	devat
<i>* East</i>	nula	jeden	dva	tri	shtyri	pejc	shesc	shedzem	osem	dzevet
Serbo-Croat	nula	jèdan	dvâ	trî	chètiri	pêt	shêst	sëdam	ösam	dëve:t
Slovene	nula	ena	dva	tri	shtiri	pet	shest	sedem	osem	devet
Russian	null	odín	dva	tri	chety're	pyat'	shest'	sem'	vósem'	dévyat'

[^] Some German numerals have a radio accent. The numbers in question are:

2 ZWEI pronounced by some TXs, as TSWO .

5 FUNF some pronounce it as FUNUF.

9 NEUN pronounced by some as NEUGEN.

This is totally in keeping with some German armed forces stations and corresponds to our WUN, FOWER, FIFE, NINER

Arabic Numerals [E25 and V08]

English	zero	one	two	three	four	five	six	seven	eight	nine
	0	1	2	3	4	5	6	7	8	9
Arabic	sifr	wahid	itnien	talata	arba	khamisa	sitta	saba	tamanya	tissa

Numeral systems used on selected Slavic Stations

	S04*	S11 Presta	S11a Cherta	S10d	S17c
0	nuar	zero	nul	Nula*	Nula*
1	edna	yezinka	adinka	Jeden [^]	Jeden [^]
2	dvoytze	dvonta	dvoyka	dva	dva
3	tri	troika	troyka	tri ´	tri ´
4	chetyri	chidiri	chetyorka	shytri	shytri
5	pedartze	peyonta	petyorka	pyet	pyet
6	shest	shes	shest	shest	shest
7	sednitzer	sedm	syem	sedoom	sedoom
8	asem	osem	vosyem	Osoom~	Osoom~
9	devet	prunka	dyevyet	devyet	devyet

Notes:

- * Nula heard as nul
- [^] Jeden heard as yedinar
- ´ Tri heard as 'she'
- ~ Osoom often heard as bosoom or vosoom.

*For S04: 0 is Nuar 2 Should be Davouka 3 is Threer .
The figure 8 Osem Sounds like Arthur
The figure 9 Devet Sounds like David.

E03 Lincolnshire Poacher Prediction Chart

GMT/UTC	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1200	A3	A3	A3	A3	A3	A3	A3
1300	A3	A3	A3	A3	A3	A3	A3
1400	B1	C1	A2	Y	A3	A3	C3
1500	D	B2	G1	A5	Z1	D	D
1600	F1	D	B2	G2	C2	A4	D
1700	D	F6	D	A1	J1	A6	B2
1800	E2	E2	X	F5	A1	J1	A6
1900	F5	E2	F5	J2	F5	B2	J1
2000	E1	F5	E2	F5	F5	F5	F3
2100	X	F4	E2	E2	X	F5	F5
2200	J1	F2	E1	E2	E3	X	F5

A1: 16475 14487 12603 B1: 15682 14487 11545 F1: 11545 10426 8464 X: 9251 6959 5746
A2: 16314 14487 12603 B2: 15682 13375 11545 F2: 11545 10426 6959 Y: 20707 19452 18233
A3: 16084 15682 14487 F3: 11545 10426 6900 Z: 17417 14487 12603
A4: 16084 14487 12603 C1: 14487 12603 10426 F4: 11545 9251 7887 Z1: 19452 17417 16084
A5: 16084 14487 11545 C2: 14487 12603 8464 F5: 11545 9251 6959
A6: 16084 13375 11545 C3: 14487 11545 10426 F6: 11545 8464 6959
D: 13375 12603 11545 G1: 10426 8464 7755
G2: 10426 7755 6485
E1: 12603 10426 8464 J1: 8464 6485 5422
E2: 12603 9251 7337 J2: 8464 6485 5746
E3: 9251 7337 5746 J3: 8464 6475 5422

E03a Cherry Ripe Prediction Chart

GMT/UTC	Freqs	Sun	Mon	Tues	Wed	Thu	Fri	Sat
0000	A		*	*	*	*	*	
0100	B		*	*	*	*	*	
0200	Z1		*	*	*	*	*	
0500	Z3		^	^	^	^	^	
0600	B3		^	^	^	^	^	
1000	C		*	*	*	*	*	
1100	D		*	*	*	*	*	
1200	B1		*	*	*	*	*	
1300	X		*	*	*	*	*	
2200	B2	*	*	*	*	*		
2300	B	*	*	*	*	*		

A: 14730 18865 B : 18864 21866 C: 20474 23461 X: 12590 14355
B1: 18864 23461
B2: 18864 24644 D: 23461 18864
B3: 18465 22645 Z1: 18065
Z3: 18570

Slots marked ^ are undergoing investigation from observers located in Australia/New Zealand

[Tx FSNL for revision]

	mon	tue	wed	thu	fri	sat	sun	UTC	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Id ###/ ###/ 00	Remarks	
				x				0800	7663	7663	7663	7663	7663	7663	7663	7663	7663	7663	7663	7663	7663	232	since 03/04, former fq: 10050, 10125
					x			0800	8091	8091	8091	8091	8091	8091	8091	8091	8091	8091	8091	8091	8091	232	since 04/04, former fq: 11116, 11260
	x							0830	8544	8544	8544	8544	8544	8544	8544	8544	8544	8544	8544	8544	8544	182	since 08/03
	x				x			1030	7749	7749	8759	8759	9610	9610	9610	9610	8759	8759	7749	7749	7749	312	since 05/02
			x					1100	9339		9610			9901	9901	9901	9610	9610	9339	9339	9339	186	since 06/05 needs observation
					x			1200	8544	8544	9130	9130	10125	10125	10125	10125	9130	9130	8544	8544	8544	187	since 08/04
		x			x			1230	7439	7439	8544	8544	9448	9448	9448	9448	8544	8544	7439	7439	7439	312	since 07/01
		x						1300	8088	8088	8800	8800	9950	9950	9950	9950	8800	8800	8088	8088	8088	183	former fq: 8033, until 10/02 thu too
				x	x			1330	9179					9179	9179	9179	9179	9179	9179	9179	9179	182	since 08/05 needs observation

Changes

07/02/2006	2030	4840	121/25
07/02/2006	2100	5082	121/26
08/02/2006	2100	5082	121/27
09/02/2006	2100	5028	121/27
09/02/2006	2030	4840	121/25
10/02/2006	2030	5082	121/25
10/02/2006	2100	5082	121/25

HFD 26.04.06

G06 Year Chart [Changes 26/04/2006 by HFD]

	mon	tue	wed	thu	fri	sat	sun	UTC	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Remarks	
				x				1830	4519	271	5935	579		6887			5935		4519/4529	271	since 05/01 fortnightly	
	x	x						1900	5780	6915	8035	9220	11485	12195	11435	11075	8170	6865	5415	5190		1. Monday of the month, Tue repeat only in case of message on Monday Old: 02/02-12/04 New: 01/05-
					x			1930	4792	436	5442	947		5934			5442		4792	436		since 04/01 fortnightly repeat of Thu 1830Z
	x	x						2000	4580	5360	6785	7680	9115	10310	9265	9120	6835	5210	4585	3845		1. Monday of the month, Tue repeat only in case of message on Monday Old: 02/02-12/04 New: 01/05-
						x		2020/25	4025	4465	5190	6935	8170	9240	9070	8140	6835	5206	4597	3845		2.+3. Sat. of the month since 03/01 needs observation
								2120/25												5360		
						x		2200											4642	11/04	531	regular sked? needs observation
										6834			4642			6834						
										02/05			02/05			08/04						
													531									
									4441	4441												1.+3. Sat of the month?
									01/06	02/06												
									843	843												

S06 Regular skeds ending slow

Note 1: there are no slow ending transmissions on Saturday or Sunday.

Note 2: the wed 8.30 S06 on 7335 is a special / different one as it uses the same freq for the whole year.

Day	time (utc)	jan feb nov dec	mar apr sep oct	may jun jul aug	ID
mon	06.00	4580	7620	7545	967
mon	06.10	6420	8105	8220	967
mon	12.00	xxxxx	9145	10230	831
mon	12.10	xxxxx	11460	12165	831
mon	13.00	8420	xxxxx	xxxxx	831
mon	13.10	10635	xxxxx	xxxxx	831
tue	07.00	5250	5760	?	374
tue	07.15	6320	6930	6780	374
tue	08.00	5810	7320	7245	418
tue	08.10	7440	9840	9670	418
tue	08.00	10265	11635	14373	352
tue	08.10	9135	10420	12935	352
tue	18.00	5625	5680	5745	624
tue	18.10	6605	6815	?	624
wed	07.00	12365	13420	14580	729
wed	07.10	14280	15380	16020	729
wed	07.30	xxxxx	xxxxx	7335	475
wed	07.40	xxxxx	xxxxx	?	475
wed	08.20	6880	7605	6755	471
wed	08.30	7840	9255	?	471
wed	08.30	7335	7335	xxxxx	475
wed	08.40	?	?	xxxxx	475
wed	08.40	9260	9480	10120	328
wed	08.50	11415	11040	9670	328
wed	12.30	8530	9220	10170	371
wed	12.40	7520	8270	9110	371
thu	10.00	8535	9225	10175	895
thu	10.10	10480	11515	12215	895
thu	14.00	7865	8650	9255	314
thu	14.10	5310	7385	7630	314
thu	16.00			10410	425
thu	16.10			9690	425
thu	17.00	5070	6464	6666	537
thu	17.10	6337	7242	7744	537
fri	06.00	5460	6340	8340	934
fri	06.10	?	5470	?	934
fri	06.00	xxxxx	7795	7845	196
fri	06.10	xxxxx	8695	9125	196
fri	07.00	7150	xxxxx	xxxxx	196
fri	07.10	8215	xxxxx	xxxxx	196
fri	09.30	11780	12140	10290	516
fri	09.40	12570	13515	9655	516

S06 and E06 chart, both ending fast. Regular Schedules [RNGB]

Day	time (utc)	2006	2006	2006	2006	ID	ID	ID	ID
		January	February	March	April	Jan	Feb.	Mar	April
mon	12.00	xxxxx	xxxxx	8130	8130	xxx	xxx	480	480
mon	13.00			8130	xxxxx			480	xxx
mon	20.15	xxxxx	xxxxx	xxxxx	8150	xxx	xxx	xxx	825
mon	21.15	6860	6780	6980	6920	368	702	491	825
mon	22.15	5210	5190	5358	xxxxx	368	702	491	xxx
tue	08.40				14485				629
tue	09.40				16270				629
tue E06	13.00				11120				147
tue	14.00	9190	11420	14390	14730	493	493	493	493
tue	15.00	7650	9260	12200	12190	493	493	493	493
tue	16.30	6830	6910	9070	10842	516	497	126	O36
tue	17.30	5450	5380	6960	8180	516	497	126	O36
tue	18.50					254			
tue E06	19.10			5795				654	
tue	19.50					254			
tue E06	20.00			8015				357	
tue E06	20.00			8170		471		471	471
tue E06	20.10			4480				654	
tue E06	21.00			6910	7720	471		471	471
wed	08.30			9225	9225			480	480
wed	12.00	xxxxx	xxxxx	xxxxx	8130	xxx	xxx	xxx	480
wed	13.00	8080	8130	8130	xxxxx	102	?	480	xxx
wed E06	14.00	xxxxx	xxxxx	xxxxx	13415			xxx	160
wed E06	14.05	11140		11430	12190	457	457	457	457
wed E06	15.05	9170		9210	10560	457	457	457	457
wed E06	15.00	10186	12182	13435	11125	681	307	924	160
wed E06	16.00	8152	10167	11427	xxxxx	681	307	924	xxx
wed	18.00			5735				471	
wed E06	21.00	6840	6930	7840	9310	403	138	569	983
wed E06	22.00	5260	5450	6830	7560	403	138	569	983
thu E06	05.00				12210			345	680
thu E06	06.00			13420	14890			345	680
thu E06	20.30	4836	4836	5186	5186	321	321	891	891
thu E06	22.00								
fri E06	21.30	4760		5197	5197	472		634	634
sat	16.00			6788	6788			108	108
sat	16.00	10570	13380	15840		724	724	724	724
sat	17.00	8025	11430	13890		724	724	724	724
sat G06	20.20								
sat E06	21.00	6940	8060			196	567		
sat E06	22.00		6790			196	567		
sun E06	18.30	5810	5380	6860	8020	690	690	690	690
sun E06	19.30	4570	4465	5405	6970	690	690	690	690

Current Cuban Skeds Heard From 0000-0700 UTC
This covers 1900-0200 local EDT in the USA

Notes:

V2a skeds are indicated in italic fonts.

M8a skeds are indicated in normal fonts.

The primary or first sked is indicated with (P).

The secondary, second or repeat sked is indicated with (S).

All skeds normally begin on the hour.

Frequencies listed as (), denote primary or secondary sked not determined.

Frequencies listed without (), denotes a possible sked.

	0000	0100	0200	0300	0400	0500	0600	0700
SUN								
					10235(P)	9062(S)		

	0000	0100	0200	0300	0400	0500	0600	0700
MON			<i>12165(P)</i>	<i>10446(S)</i>		<i>3245(P)</i>	<i>3360(S)</i>	
				<i>4174(P)</i>	<i>4035(S)</i>	<i>10446(P)</i>	<i>9331(S)</i>	
				<i>6855()</i>	<i>6768()</i>	<i>9153()</i>	<i>8097(P)</i>	<i>9238(S)</i>
					<i>5117()</i>			
				9330(P)	8096(S)			

	0000	0100	0200	0300	0400	0500	0600	0700
TUE		<i>3389(P)</i>	<i>3292(S)</i>	<i>4017(P)</i>	<i>3292(S)</i>	<i>3389()</i>	<i>4028()</i>	<i>9112()</i>
			<i>12215()</i>	<i>4027(P)</i>	<i>3926(S)</i>			
		<i>12119(P)</i>	<i>10714(S)</i>	<i>10125()</i>		<i>9062()</i>		

	0000	0100	0200	0300	0400	0500	0600	0700
WED			<i>12180(P)</i>	<i>10446(S)</i>		<i>3356(P)</i>	<i>4035(S)</i>	
				<i>4479(P)</i>	<i>4329(S)</i>		<i>8010(P)</i>	<i>9063(S)</i>
					10235(P)	9062(S)		
					13378()			

	0000	0100	0200	0300	0400	0500	0600	0700
THUR					<i>8097(P)</i>	<i>8097(S)</i>	<i>8097(P)</i>	<i>9153(S)</i>
						<i>3927(P)</i>	<i>4028(S)</i>	<i>7580()</i>
					<i>9323()</i>	<i>4028()</i>		
					10235(P)	9062(S)		
				9062()				

	0000	0100	0200	0300	0400	0500	0600	0700
FRI			<i>12215(P)</i>	<i>11566(S)</i>	<i>4479(P)</i>	<i>4028(S)</i>	<i>8010(P)</i>	<i>9063(S)</i>
		<i>4028(P)</i>	<i>5417(S)</i>			<i>3396(P)</i>	<i>4035(S)</i>	
				12214()	10235(P)	9062(S)		

	0000	0100	0200	0300	0400	0500	0600	0700
SAT		<i>6768(P)</i>	<i>5762(S)</i>	<i>4028(P)</i>	<i>3292(S)</i>	<i>5883()</i>	<i>8097(P)</i>	<i>9153(S)</i>
		<i>5135()</i>			<i>5762()</i>			
			10125()	10125()			9062()	

Current Cuban Skeds Heard From 0800-1500 UTC
This covers 0300-1000 local EDT in the USA

SUN	0800	0900	1000	1100	1200	1300	1400	1500
		7887(P)	7975(S)		11566(P)	10566(S)		
		8136()						
			3926(P)	4173(S)				
			8136(P)	9238(S)				

MON	0800	0900	1000	1100	1200	1300	1400	1500
	7555()	7527(P)	7681(S)		10446(P)	11566(S)		
		6826(P)	7583(S)		4035()			
		9238()	9153(P)	10126(S)		5417(P)	6867(S)	

TUE	0800	0900	1000	1100	1200	1300	1400	1500
		7520(P)	7887(S)		10566(P)	10715(S)		
			3025(P)	4478(S)		5417()		
						10235()		

WED	0800	0900	1000	1100	1200	1300	1400	1500
		7482(P)	7862(S)		11566(P)	10446(S)		
					4035()	9153(P)	10126(S)	
			3926(P)	4173(S)		5417()		
						5761()		

THUR	0800	0900	1000	1100	1200	1300	1400	1500
	7580()	7527(P)	7681(S)		10566(P)	10715(S)		
		10126()	9323(P)	10345(S)				
			3025(P)	4478(S)				

FRI	0800	0900	1000	1100	1200	1300	1400	1500
		7520(P)	7887(S)		10566(P)	11566(S)		
				3245()		9153(P)	10126(S)	
					4035()	5417()		
			3926(P)	4173(S)		6868()	5417()	

SAT	0800	0900	1000	1100	1200	1300	1400	1500
	7575()	7887(P)	7975(S)		10715(P)	10566(S)		
			4035(P)	4507(S)				
			3025(P)	4478(S)	9153()			
			3244(P)	4027(S)				
			9323(P)	8136(S)				

Current Cuban Skeds Heard From 1600-2300 UTC
[This covers 1100-1800 local EDT in the USA]

	1600	1700	1800	1900	2000	2100	2200	2300
SUN	7975(P)	8010(S)	8097(P)	8097(S)	7887(P)	6855(S)		
	6867(I)							
						7975(P)	7480(S)	
MON	7975(P)	8010(S)	8097(P)	8097(S)	7887(P)	6855(S)		
	6867(I)							
		11566(P)	13374(S)	7680(P)	8009(S)	7975(P)	7480(S)	
							7519(P)	8009(S)
TUE	7975(P)	8010(S)	8097(P)	8097(S)	7887(P)	6855(S)		
	6867(I)							
						7975(P)	7480(S)	
					7554(I)		7526(P)	8135(S)
WED	7975(P)	8010(S)	8097(P)	8097(S)	7887(P)	6855(S)		
	6855(I)							
		10715(P)	13419(S)	7680(P)	8009(S)	6933(P)	6854(S)	
					7554(I)		7519(P)	8009(S)
THUR	7975(P)	8010(S)	8097(P)	8097(S)	7887(P)	6855(S)		
	6768(I)							
						6933(P)	6854(S)	
							8009(P)	8135(S)
FRI	7975(P)	8010(S)	8097(P)	8097(S)	7887(P)	6855(S)		
	6768(I)							
		10446(P)	11566(S)	7680(P)	8009(S)	7975(P)	7480(S)	
							7519(P)	8135(S)
SAT	7975(P)	8010(S)	8097(P)	8097(S)	7887(P)	6855(S)		
	6867(I)							
						7975(P)	7480(S)	

- Notes:
- The 1600/1700 V2a sked is one broadcast. (Daily)
 - The 1800/1900 V2a sked is one broadcast. (Daily)
 - The 2000/2100 V2a sked is one broadcast. (Daily)

 - The 1700/1800 M8a sked is one broadcast. (M,W,F)
 - The 1900/2000 M8a sked is one broadcast. (M,W,F)
 - The 2100/2200 M8a sked is one broadcast. (Daily)
 - The 2200/2300 M8a sked is one broadcast. (M,T,W,T,F)

--Updated April 26, 2006--

Please send any additions, deletions or corrections to:
mslaten@prodigy.net
 Indicate if it is V2 or M8, time, frequency and callups if possible.
 Include any other observations or remarks of interest.

Cuban Desk Contributors:
 Albino Dragon
 JPL
 MS
 WestIus

Finally.....

Hidden away on page 24 of The Times [dtd 27/04/2006] was an interesting article entitled 'Secret Service breaks cover to advertise for spooks.

This most interesting piece penned by the Defence Editor, Michael Evans, stated that in the 97 year history of Britain's SIS aka MI6 this was the first time that they were 'blowing its cover and trawling openly for recruits.' The advert appeared on page 3 of The Times' Career inset.

The writer suggests that a golden mosque features prominently in the row of photographs used in the advert 'to remind would be recruits that these days many key operational posts are in Islamic countries.' E2k hopes that any subsequently interviewed hopeful doesn't go to his location for interview armed with that knowledge because it was not a 'golden mosque' roof, minaret or whatever. What it appears to be is a gold laid dome [with decorative crucifix above] so commonly seen on Russian architecturally influenced religious buildings. The advert does give a flavour of a world reaching organisation though. One image is that of a hooded man with a rifle, typically an AK-47 it could well be the Romanian version looking at the gas block/tube and the upper and lower hand guards. Whilst the front sight block is not seen the rear sight and block is visible as is the front sling swivel [except it don't swivel]!

Another image that looks remarkably like one from a certain GCHQ booklet, features in part a cassegrain dish.

The ad asks for : Administration, Operational Officers, Operational Analysts, Linguists, Technology and directs the hopeful applicants to a URL after declaring,

"We operate around the world to make this country safer and more prosperous. As you can imagine, it's no easy task. So whether we need a thoroughly efficient administrator or an overseas operator in the field, we hire people we can depend on because everyone in the UK depends on them. For more details about joining Britain's secret intelligence service, go to www.*****.gov.uk"



[Taken from The Times 'Careers' Page 3 27/04/06]

Full article can be read: <http://www.timesonline.co.uk/article/0,,2-2153344,00.html>

This advertisement and associated blurb can be seen on the MI6 website.

Here's a link to a Numbers Clip produced in the US for KUTV :

<http://www.kutv.com/video/?id=15187@kutv.dayport.com>

[Some input from E2k during the making of the programme and a reference to us on the KUTV website. Usual sort of stuff from Akin Fernandez].