

ENIGMA 2000 NEWSLETTER

<http://www.enigma2000.org.uk>



MFA Bratislava

[Thanks 'E']

Issue 54
SEPTEMBER 2009

Worried about the effects of PLT?

You will be when you read the EMC Journal Issue 83 July 2009, and rightly so.

http://www.mikeandsniffy.co.uk/UKQRM/PLTbooks/EMC_Journal83.pdf

UK Readers please take time to sign the Number 10 petition [expires 24/10/2009]:

<http://petitions.number10.gov.uk/SaveShortwave2/>

<http://www.ukqrm.org> for your unexplained Interference issues.

Bletchley Park Trust Encouraged by Enormous Public Support Following Government Response to Number 10 Petition
Released : Aug 27, 2009



Following the disappointing government response to the Downing Street petition urging the Prime Minister to offer assistance to Bletchley Park, the Bletchley Park Trust has been boosted by an overwhelming reaction of public support.

The petition was set up by an independent supporter and closed in May of this year with 21,920 signatures (full details below). The government responded that although it agreed, "that the buildings on the Bletchley Park site are of significant historic importance and, although recognising the excellent work being carried out there, at present it has no plans, nor the resources, to extend its sponsorship of museums and galleries beyond the present number."

Simon Greenish, Director of the Bletchley Park Trust said, "The support we are requesting from the government is modest.

"The investment from English Heritage and Milton Keynes Council has provided great help with the substantial infrastructure works needed. A major application has been placed with the Heritage Lottery Fund which, if successful, will provide funding for the development of the museum over the next three to five years after which, as our business plan has established, Bletchley Park will be self-supporting. However unless and until the Park has been restored, it is the operational costs of running this large and ageing site that the Trust struggles to meet. The Trust is asking the government to provide £250,000 per year until the museum has been developed in order to support the growing workload associated with the ever-rising visitors.

"Public interest in Bletchley Park continues to rise dramatically with, heading towards, a doubling of visitor numbers in three years. The public have consistently and overwhelmingly provided us with the powerful conviction that they are fully behind our mission to transform Bletchley Park into the world-class educational and heritage site it deserves to be, reflecting the profound significance of its impact on the twentieth century and the way we all live today. It is disappointing that the government feels unable to demonstrate its agreement with this."

Amongst the hundreds of people who have expressed encouraging messages of support for Bletchley Park Trust since yesterday's announcement was Stephen Fry, actor and author, who said, "If we can't save the place that arguably did the most to win us the war, what hope is there for us as a nation?"

Eminent historian, Professor Richard Holmes, said last year, "The work here at Bletchley Park was no optional extra; no engaging very British sideshow; it was utterly fundamental to the survival of Britain and to the triumph of the West and I'm not actually sure that I can think of very many other places where I could say something as unequivocal as that. This is sacred ground. If this isn't worth preserving, what is?"

Simon Greenish added, "It is deeply unfortunate that the government do not share the sentiment of Professor Holmes in acknowledging the importance of Bletchley Park by ensuring a permanent solution is achieved for its long term survival."

- ENDS -

Editors' Information

Full Details of the Number 10 Petition, <http://www.number10.gov.uk/Page20409>, or as follows:-

"We the undersigned petition the Prime Minister to save Bletchley Park." Details of Petition: "As has been reported elsewhere, Bletchley Park "have two to three more years of survival". The Bletchley Park Trust receives no external funding. It has been deemed ineligible for funding by the National Lottery, and turned down by the Bill & Melinda Gates Foundation. Please do not allow this crucial piece of both British and World culture to disappear. If ever an example were needed of Britain leading the world, this surely would be it. To allow it to fall into the hands of developers would be simply unconscionable."

Read the Government's response

Thank you for your e-petition. The Government agrees that the buildings on the Bletchley Park site are of significant historic importance and, although recognising the excellent work being carried out there, at present it has no plans, nor the resources, to extend its sponsorship of museums and galleries beyond the present number.

A number of things are being done to help Bletchley Park. English Heritage, Milton Keynes Council and English Partnerships have worked jointly with the Trust that runs the Park to prepare a Conservation Management Plan for the site. English Partnerships has acquired some parts of the site and will ensure that any development of these areas is planned and delivered in a way that reflects the important historical nature of the Park.

English Partnerships has also invested in the core site and contributed funds towards an emergency repair programme on Block D, the largest derelict wartime building in Britain, and is planning to undertake further substantial works to sensitively refurbish this important listed building. The Heritage Lottery Fund's regional development team, along with the DCMS sponsored Museums, Libraries and Archives Council in the South East have been in regular contact with the Bletchley Park Trust, offering advice and guidance on how best to put together a robust application for funding. In addition, the Trust has now made a further application to the Heritage Lottery Fund. I

In November 2008 English Heritage announced the award of a grant of £330,000 to Bletchley Park to cover urgently needed repairs to the roof, and in March of this year it was announced that Milton Keynes Council, in partnership with English Heritage, will provide a further £600,000 for critical restoration work.

Additional Editors' Information

• General contact information:- <http://www.bletchleypark.org.uk/> tel 01908 640404 email <mailto:info@bletchleypark.org.uk> or write to Bletchley Park Trust, The Mansion, Sherwood Drive, Bletchley, Milton Keynes, MK3 6EB

Cost of the Annual Season Ticket is: adults £10, concessions £8 (OAPs and student with valid ID card), children £6 (aged 12 to 16 - children under 12 admitted free of charge) and a family ticket £22.50 (two adults and two children aged 12 to 16). Tickets include a guided tour (subject to availability) and/or the use of an audio guide. On-site parking is £3 per car. • Bletchley Park is open every day except Christmas Eve, Christmas Day, Boxing Day and New Years Day: o 1 November to 31 March: weekdays, weekends and Bank Holidays 10.30am - 4.00pm. o 1 April to 31 October: weekdays 9.30am - 5.00pm, weekends and Bank Holidays 10.30am - 5.00pm.

Media contacts

• Kelsey Griffin, Director – Museum Operations, Bletchley Park Trust, 01908 272 655, <mailto:kgriffin@bletchleypark.org.uk> • Caroline Murdoch, Redworks PR, 01869 810 443, caroline@redworks.co.uk .

EDITORIAL

Welcome all to Issue 54

We hope you have all had some good holidays and are feeling refreshed and ready for the Autumn/Winter activities.

The input to group did not diminish by any great amount during this years holiday season – it looked as if most regular contributors had ‘monitoring’ holidays – bet that cheered up the XYLS.

Looking forward two months we have another time change coming up just before Issue 55 is published, this usually produces some interesting logs.

The big news this month is that our .org domains <http://www.e2k.org.uk/> & www.enigma2000.org.uk will now point to a new E2k WEB SITE constructed and maintained for us by Brian Rogers.

This site will ‘go live’ at the same time as this Newsletter issue is published.

The site will initially contain all the E2k Public Domain information plus some extra kindly provided by members, we will not go into the detail here – just pop along and see for yourselves – feedback will be appreciated.

Our ‘members only’ information will remain on the existing Yahoo groups address, which will also be linked to from the Website.

With all the political Hoo Ha that was taking place at the time of issue 53, ie:- North Korea/Iran/Middle East, it looked then as if a very interesting summer for the watchers of international events was in prospect.

In reality – no such luck, it turned out to be a rather damp squib – apart from the UK/US/Libya ruckus, which will probably rumble on for some time and drag a few more politicians deeper into their self created sewage swamp.

Enjoy, once again, our efforts

Paul & Mike L

The quick roundup

The Family III network still appears to be undergoing some significant ongoing changes with traffic visibly much reduced, continuing the trend we commented upon in Issue 53.

Since then many of the expected skeds have still not been heard, especially on the CW side.

However a few new freqs/skeds have also been discovered by PP, GD, LD & RN.

These changes strongly lead us think that the Family III network is being reduced, or at least a major reconfiguration.

We did note recently that another monitoring site, which sometimes includes number station information, comment that Family III was the busiest network - well it would appear ‘not any longer’.

E10, a number of slot changes noted, ABC/HNC both show up again, lower freqs usage increases, more messages return unexpectedly, was THF a mistake?, see entry.

M12, more new Ids for the MCW TXs, 613 & 501 (Mon 05.00z) and 398 (Wed 21.00z), together with a 285 gp mssg.

S06c, PP catches this very rare station, see entry

XPA pops up on new unexpected freqs, and transmitted the longest message ever noted by E2k, see entry.

SK01, some strange happenings with this one in addition to the ??freqs burst, see entry comments.

Comment

For those members with additional listening interests there is one of the largest fleets of Russian naval assets for many years assembled in the Baltic Sea for the Ladoga 2009 exercises, which will involve all branches of their military, probably running till the end of September.

As in previous times we do not expect to see any reflection of these particular activities within ‘numbers’ traffic, but will welcome any interesting comments from you ‘Mil Lists’ boys.

However a clear pattern is emerging that after a period of declining influence Russia is once again starting to assert its military capabilities, along with Diplomatic and Trade influences.

Now that COULD affect ‘numbers’ activity.

Morse Stations

Freqs are generally +- 1k

This is a representative sample of the logs received, giving an indication of station behaviour and the range of times/freqs heard.

These need to be read in conjunction with any other articles/charts/comments in this issue.

M01/3 XIV MCW, hand, no repeat messages (025 sked from 1st May – 31 Aug)

Note that the freqs change for Sept – Oct to the M01/2 set (ID 463)

5280	18.00z	02 July	‘025’ 138 30 = = 07124, weak, noise, good op.
4905	20.00z	“	‘025’ 277 30 = = 25410, weak, static, exclt op.
6780	07.00z	05 July	‘025’ 313 30 = = 83971, v weak, noise, QSB.
4905	20.00z	09 July	‘025’ 174 30 = = 22560, strong, slow, exclt op.
6434	15.00z	11 July	‘025’ 391 30 = = 003326, fair, QRM QSB.
4905	20.00z	14 July	‘025’ 117 30 start, 256 30 ending – very strange. (DoK)
6436	15.00z	18 July	‘025’ 328 30 = = 19904. TtyQRM, fast, errors
6781	07.00z	19 July	‘025’ 077 30 = = 48255, strong, fast, good op, Call error.
6434	15.00z	25 July	‘025’ 516 30 = = 92334
6780	07.00z	26 July	‘025’ 394 30 = = 91917, errors, QRM
5280	18.00z	04 Aug	‘025’ 190 30 = = 06327, speeded up 2 nd half.
4905	20.00z	“	‘025’ 359 30 = = 27123, strong, noise, exclt op
5280	18.00z	13 Aug	‘025’ 816 30 = = 73981, strong, high noise, errors
4905	20.00z	“	‘025’ 692 30 = = 89830, strong, static, correction of a ‘non-error’
6436	15.00z	22 Aug	‘025’ 801 30 = = 31048, fair, ttyQRM, QSB

M01a (formerly end of month TXs, now random)

No reports

M01b repeated messages, // freqs, hand

5125	18.10z	06 July	'364' 650 30
5475	19.15z	"	'858' 650 30
5125	18.10z	20 July	'364' 569 32
5475	19.15z	"	'858' 569 32
5076//5466	19.04z	07 Aug	'815' 569 32 == 60248
4896//5341	20.10z	"	'476' 569 32 == 60248
5735	18.10z	10 Aug	'364' 569 32
5150	19.18z	"	'858' 569 32
5065	19.45z	13 Aug	i/p ends == 569 32 000
5125	18.10z	24 Aug	'364' 164 33
5150	19.15z	"	'858' 164 33

M01c

No reports

M03 III ICW, some CW

7727	08.00z	12 Aug	i/p New freq
------	--------	--------	--------------

M03c (Stutter groups)

No reports

M03d

No reports

M03e

No reports

M08a XVIII ICW / CW, some MCW

These are the frequencies logged during the period, to be read in conjunction with Mark Slatens monthly charts.

8097	13/14.00z	08 July	odd CW sound, rising leading edge ?
11435	06.00z	22 July	expected SK01
11532	07.00z	29 July	expected SK01
9063	08.00z	"	expected SK01
5810	05.00z	07 Aug	Starts as M08a and then sends RDFT concurrently.
12134	14.00z	10 Aug	unexpected freq for this slot

5800, 5810, 5898, 8186, 9063, 9112, 9153, 10432, 11435

Above are/use MCW

3025, 4027, 4478, 7519, 8009, 8097, 10125, 10445, 11565, 12134, 12214, 13374

M08c

No reports

M08d

No reports

M10 IX ICW / MCW, some CW

Ceased June 2007

M11 IXA (formerly M10e)

Presumed ceased with M10

M12 IB ICW, some MCW / CW, short 0. Reuses many freqs year on year.

To be read in conjunction with Brians included monthly charts.

Lots of null mssgs during Aug, see charts for details.

11435/10598/9327	18.00/20/40z	02 July	938 10
8047	17.00z	06 July	463 1 5371 90
"	18.00z	"	463 1 8429 130
9176	19.00z	"	257 1 1298 80
7627/9127/10327 MCW	05.00/20/40z	13 July	613 541 67 (New ID)
			New freqs for the Mon MCW TX's
8047/6802/5788	17.00/20/40z	"	463 1
13484/12184/10784	13.00/20/40zz	"	517
9379/7979/----	21.00/20z	15 July	398 000 (New ID)
9992/11103	04.10/30z	16 July	901 000
9176	19.00z	20 July	257 1 4426 60
10983/9983	17.20/40z	26 July	199 1 513 133
			(07.00z prob 11183 / 12183)
7857/6857	21.00/20z	04 Aug	857 000 (annual sked & ID ?)
			(hrd Aug 2008, poss 2007)
7562/9062/---- MCW	05.00/20/40z	10 Aug	Another new Mon MCW sked
9176	19.00z	"	257 1 4768 57
9061	05.20z	17 Aug	501 000
6802	17.20z	24 Aug	463 1 2086 60
8047	18.00z	"	463 1 1347 100
9176	19.00z	"	257 1 8518 90

M12a (two message variant)

7584/8184/9184	03.40/04.18/57z	27 Aug	511 2	122 295
				628 175

Note time offset for mssg length

M13 IB

M13 family now considered inactive since 0430z 13 Mar 06

M14 IA MCW / ICW / MCWCC, short 0

9060/8180	19.00/20.00z	03 July	724 00000
5380	04.00	06/09 July	'818' 397 106 = = 55282
"	"	13/16 July	'818' 564 139 = = 19222
"	"	27/30 July	'818' 635 104 = = 72727

No 04.00z '818' TXs heard in August , has it ceased ?

9061 MCW	19/20.00z	07 Aug	724 00000
----------	-----------	--------	-----------

No sign this year of the slow M14 heard at 04.00z on 8116 in 2008 – was that a special op ?

M14a (two message variant)

No reports

M18 IC CW

4503	19.31z	16 Aug	i/p u/r digi QRM
------	--------	--------	------------------

M23 O

No reports

Although J-PL is back with us he has had no loggings, neither has Mike L who auto scans the known freqs regularly.

Lets hope it's the propo conditions.

M24 IA MCW / ICW / MCWCC (high speed version of M14), short 0

5380	04.00z	07 July	'825' 7*0 132 = 64781 v.weak
3647	19.30z	20 July	'825' 369 140
5380	04.00z	21 July	'825' 735 130 v.weak
5380	04.00z	04 Aug	'825' 810 116 weak
5380	04.00z	18 Aug	'825' 476 139 v.weak

M39 ICX? ICW / MCW

No reports

M44

No reports

M45 XIV MCW, slow, hand, paired gps

5074	17.02z	24 Aug	'074' 248 33
------	--------	--------	--------------

M50 XIV MCW

No reports

M55 O

No reports

M62 O

No reports

M76 O

No reports

M87 O

No reports

M89 O

7597	18.25z	07 Aug	DKG6 de 3A7D
7570	21.51z	13 Aug	i/p QPZM de WOXN

M94 O

After the flurry of activity reported prior to July it's been disappointing that it's gone quiet, hopefully it is propo related.

SK01 (Data Mode generic classification, Cuban TX's)

See comments in Issue 49 which still apply

More skeds are being sent as SK01 instead of M08a & V02a, but some are the other way around !, typical Cubans.

These log excerpts give a good indication of the almost daily freq/time spreads.

5883	07.40/44/49z	03 July	SK01
5898	08.43/48z	"	"
11435	06.10z	06 July	"
8186	08.09z	"	"
9063	09.10z	"	"
9112	10.00z	"	"
8180	08.09z	07 July	" (expected V02a)
5810	06.10z	08 July	" (also regular M14 freq)
11435	06.20z	"	"

5810	06.25/30/35/40/45z	“	“	
8186	08.15z		“	“
12120	05.10z		09 July	“
8186	10.10z		“	“
16178	16.10/35/40/45/50z	“	“	
5883//9153	07.25z		10 July	“ First noted ‘simulcast’ ?? (dj), then came a whole bunch of them at 07.29/31/36/41/46/50/55 , trial TXs ??
5898	08.00z		09 Aug	“ (expected V02a)
12120	05.04/09/13z		20 Aug	“

DJ comments that the ‘short file TX’ is 12 secs and ‘long file TX’ 30secs both excluding the lead-in tone.

Freqs:-

5800, 5810, 5883, 5898, 5930, 5947, 8180, 8186, 9063, 9112, 9240, 11435, 12120 16178

KPK sent to group list these very interesting comments.

>From at least Thursday 12 AUG to sometime around Sunday/Monday 16/17 Aug, 12120kHz was sending RDFT and then RTTY almost nonstop. As far as I can determine from archival material, this is a bit of an anomaly for this frequency.

12120kHz was sending RDFT when I first picked it up on 12 Aug, but sometime shortly after switched mostly to RTTY, while RDFT transmissions began and/or continued on adjacent frequencies up and down the band from 12120kHz. The RTTY was almost certainly encrypted.

Due to the length of transmissions, the signal strength and minimal propagation issues regardless of time of day and solar/geomagnetic weather (which was not friendly to prolonged daytime reception in my listening area), I’d assume this wasn’t the usual (Cuban) broadcaster. This suspicion was corroborated by a member of another monitoring/logging community who claimed, apparently authoritatively, that the RTTY/RDFT transmissions were originating from a National Guard training centre and/or Air Base in Salinas, Puerto Rico (cursory research was not helpful in determining the current function(s) of this base).

Whether for training purposes or related to some other issue, the signals did apparently stop as of Monday 17 Aug, but as I wasn’t actively monitoring I’m not sure as to the precise end of TX time.

[Ed, can anyone help out with this time]

While this falls under the realm of wild conjecture, the end of the unusually dense activity centered around 12120kHz coincides with the discovery of the location of the hijacked merchant ship **Arctic Sea**. It has been reported in international media that the Russian ships pursuing the hijacked vessel were broadcasting misinformation in an effort to obfuscate their actual movements.

[Ed, anyone have URLs relating to this]

Perhaps the traffic on/around 12120kHz was a separate or joint effort by US entities to locate and track the vessel and communicate the data to US ships or friendly vessels in the area.

The Arctic Sea was recovered 300 miles off of the Cape Verde islands; the National Guard/Air Base at Salinas is almost due east of that location.

I’ve picked up no further anomalous traffic since 17 Aug.

KPK

[Ed comment]

As an interesting extension to these comments ENIGMA Towers is picking up unconfirmed snippets of gossip which are indicating that following a ‘behind the scenes panic’ a massive international collaboration took place around this incident with the Russian Navy being allowed to ‘lead’, even though there were other Naval assets more quickly available.

This adds fuel to the published speculation, from very many quarters, that the Arctic Sea was carrying much more than the manifest declared timber cargo. Since this vessel has been returned to Russian control the lid has been shut on any further information.

Now how long, if ever, before we learn something resembling the truth ?.

BR, CB, FN, FS, Gert, GN, HFD, JoA, MB, MoK, MP, MS, PC, PoL, PP, Sean, Westli (dj), Westt1us, Anon1EU, Anon2EU

Observations on SK01 transmissions by Westlii

As a disclaimer I would like to point out that I have no real understanding of binary files, hex dumps and so on that are part of the analysis below, what i am able to spot are similarities between files that have been transmitted. I hope this is of interest to some of you and that others may like to compare SK01 files that they have recieved to see if my observation hold true over a larger sample of messages.

In a previous newsletter I had tried to give a bit of insight into the SK01 transmissions and had concluded that there were two types of message being passed. Type 1 I thought were binary files which when viewed in a text viewer began with the letter b and Type 2 that when viewed in a text viewer appeared to consist almost entirely of squares with just a few special characters visible. Through chance in numbers and oddities edition 128 <http://www.cvni.net/radio/nsnl/nsnl128/nsnl128vm.html> I found a quick analysis of an SK01 file by Hugh Stenman which when viewed in a binary viewing program (PX Binary Viewer is one such program) the transmission could essentially be broken down into 5FGs. The first two digits beginning 62 08 (62 represents b) and 08 was an unknown were not included in his analysis.

I’ve since looked at various files that have been transmitted and have spotted a few similarities between the files. Translated files are listed below. Listing as follows

File Name, File Size, Number of 5FGs, Number of leftover characters.

First Character
Second Character
Rest of message in 5FGs
Leftover Numbers

SK01

49831916.abc 104 bytes 40 +4

62
6E
01010 06090 92164 75468 66522 14491 96395 66482 37370 23989
51865 15561 95447 44903 87262 15369 99875 89728 91237 71215
75509 35523 51792 58775 89416 39738 86090 05012 31104 94948
29420 70349 50872 40620 60156 38068 11662 81429 53205 23029
7563

48762671.TXT 190 bytes 75 +1

62
18
010A0 04359 63791 69628 35901 01071 78314 98903 60748 88719
88285 18039 54949 82833 76726 73361 43298 95209 62892 16506
61259 08964 26334 05789 08631 44286 93516 16419 04191 94445
27847 35497 55013 50692 02261 03652 64990 66395 59982 32229
00170 43305 80966 97235 63011 13132 69618 38722 56595 39778
64923 71693 78748 01690 41564 44630 49824 24498 22502 13919
92462 67869 52199 01200 73702 78946 65192 77841 80888 21072
35042 25460 47653 20919 02176
9

49239370.txt 204 bytes 82 +2

62
6E
01010 07890 82798 36421 73138 59279 83325 03783 41732 83925
51770 20759 82802 46604 97326 55769 75910 91677 02189 39008
90778 05521 54158 76976 99585 99732 91052 42841 72505 06031
29480 30597 57799 12672 17102 28405 20662 80238 43797 43542
37269 44120 46841 59879 83238 61420 72861 59190 11911 96874
67304 05370 58457 22284 43497 50758 22018 20932 99969 57724
66618 93750 71989 22298 21505 07219 78390 05732 92798 11792
96077 03781 69844 19437 36154 77455 00000 0C049 55271 46322
85937 21020
87

45039843 299 bytes 118 +4

62
18
01BC0 01165 35022 09941 14964 23168 73717 03958 47724 32195
65638 53136 19483 98923 72309 99787 88164 40989 10213 17231
01883 10259 80864 96673 54831 23703 70017 49333 43857 76842
80007 51355 96468 72140 37792 10857 94219 63139 00348 67902
00388 41659 56244 53531 97368 42411 84432 93738 29580 09631
31214 60510 12231 43370 96383 02182 53143 87660 22146 32105
61169 33723 13425 87654 80814 44619 45606 25560 88574 07799
33499 87667 26148 99234 58858 10571 10997 78363 29598 20281
22738 90848 36773 86316 29280 73369 71649 93786 63142 88949
25328 31101 10103 22532 73601 59025 10214 68748 60719 63329
99082 16540 63188 89595 13450 47349 23079 67436 55232 08849
28786 53943 46837 51619 14181 06359 88645 32701
1916

45335654.txt Type 1 file 300 bytes 119 +1 12 Aug 2009

62
18
01BD0 00206 51471 26504 16466 45163 24535 18937 51221 46214
01288 74787 45400 62288 38832 60703 98928 41753 12429 37073
29399 50782 10493 38616 02911 06032 45943 22929 81783 60902
41506 19010 24541 75908 17794 00364 46752 94269 14648 36443
78350 00452 54460 04911 74675 03053 36412 88435 04612 34697
76818 70112 06216 51507 41891 07761 15979 71878 97278 04215
80030 78463 01564 49420 86490 15487 61728 54133 57806 95743
24236 24885 22337 18057 55061 32906 35313 11760 15254 37595
96534 02138 14744 20478 04397 45166 15499 90449 99400 12726
41356 67042 49625 49638 34257 54413 65234 84670 72776 41851
70605 40450 95248 75786 14995 44254 84040 62424 82740 44026
66310 78251 97597 26071 62611 14985 07463 08671 67318
5

45335654.txt Type 1 300 bytes 119 +1 19 Aug 2009

62
18

01BD0 00206 51471 26504 16466 45163 24535 18937 51221 46214
01288 74787 45400 62288 38832 60703 98928 41753 12429 37073
29399 50782 10493 38616 02911 06032 45943 22929 81783 60902
41506 19010 24541 75908 17794 00364 46752 94269 14648 36443
78350 00452 54460 04911 74675 03053 36412 88435 04612 34697
76818 70112 06216 51507 41891 07761 15979 71878 97278 04215
80030 78463 01564 49420 86490 15487 61728 54133 57806 95743
24236 24885 22337 18057 55061 32906 35313 11760 15254 37595
96534 02138 14744 20478 04397 45166 15499 90449 99400 12726
41356 67042 49625 49638 34257 54413 65234 84670 72776 41851
70605 40450 95248 75786 14995 44254 84040 62424 82740 44026
66310 78251 97597 26071 62611 14985 07463 08671 67318

5

SK01_26Mar09_0805z_5898k_408bytes.txt From Barry BS3 28852128.txt 408 bytes 162 +2

FFFE

62

08

015E0 03379 29728 94163 57451 91726 91872 80223 86205 58105
09409 75424 47341 70684 54441 05953 39226 01452 74546 07209
36394 64706 57702 40552 14347 83842 87784 87430 95682 16235
14760 88312 81305 04044 22494 18250 03769 35670 09754 36916
31128 10829 72574 73429 49142 87991 22038 00373 22941 31119
28464 06796 23905 70196 67442 82879 81592 37123 04809 88455
25045 04888 15223 51861 50399 65726 92092 24063 17374 44644
55511 01033 55202 28455 81724 22223 89483 86066 49811 38980
12519 56132 01212 12852 32386 72088 77453 82103 46407 42213
87141 40146 74383 42711 42087 50969 67264 92361 79367 06101
54873 29051 07926 20004 02709 24610 66235 16324 81409 03508
27424 16609 16405 27416 72996 16327 97509 82371 91313 47955
14965 86369 63263 63058 21431 59636 60354 59807 24928 72419
41848 31479 41028 57542 42493 65949 79758 59470 75902 72389
27407 44626 08817 82645 71912 18134 88646 46355 13804 05236
92695 47642 49270 85771 44195 84403 08415 04087 53248 31236
24693 01758

34

28852128.txt 408 bytes 162 +2

62

08

015E0 03379 29728 94163 57451 91726 91872 80223 86205 58105
09409 75424 47341 70684 54441 05953 39226 01452 74546 07209
36394 64706 57702 40552 14347 83842 87784 87430 95682 16235
14760 88312 81305 04044 22494 18250 03769 35670 09754 36916
31128 10829 72574 73429 49142 87991 22038 00373 22941 31119
28464 06796 23905 70196 67442 82879 81592 37123 04809 88455
25045 04888 15223 51861 50399 65726 92092 24063 17374 44644
55511 01033 55202 28455 81724 22223 89483 86066 49811 38980
12519 56132 01212 12852 32386 72088 77453 82103 46407 42213
87141 40146 74383 42711 42087 50969 67264 92361 79367 06101
54873 29051 07926 20004 02709 24610 66235 16324 81409 03508
27424 16609 16405 27416 72996 16327 97509 82371 91313 47955
14965 86369 63263 63058 21431 59636 60354 59807 24928 72419
41848 31479 41028 57542 42493 65949 79758 59470 75902 72389
27407 44626 08817 82645 71912 18134 88646 46355 13804 05236
92695 47642 49270 85771 44195 84403 08415 04087 53248 31236
24693 01758

34

49607244 445bytes 177 +1

62

6E

01020 03075 55803 99664 18409 45718 78905 33938 74316 09916
55235 10021 64861 87287 15575 35259 49686 99242 51262 23705
22771 99890 60211 47743 76355 45585 48592 41140 41876 95855
84642 24389 78118 92693 27508 29491 60289 32514 93894 36797
25387 88587 84467 88554 42871 65173 92435 29017 54375 53849
59569 69978 63008 61395 20461 36448 51157 09118 58731 61420
46437 46809 95736 15611 20006 47760 24690 52197 72254 80574
59014 96646 77100 03475 65371 15978 72285 60044 47154 85770
50950 57510 32680 03212 99399 07926 03928 14752 99877 66766
88829 97273 98348 07466 53413 06163 63880 85604 40011 86507
12510 82883 39666 93164 68861 50316 07782 75062 09537 16381
56503 94972 10696 12669 13787 89233 21085 40374 27281 50741
89291 16501 44525 15709 25573 15779 66322 16595 67826 04089
20911 01456 52264 99692 29747 18292 42984 59529 55054 60870
11555 48434 54318 18246 95000 29935 05000 54612 67716 50369
20913 25152 06392 16723 45436 30232 85850 41604 78060 23212

75924 66375 46076 85783 81428 58682 44436 10755 67918 96199
63606 49576 28527 08594 68273 51310 61384
7

This one is the same message name as above but appears to be corrupt.

49607244 Bad Decode?

62
6E
01020 03075 55 8039 9664 1840 9457 1878 9053 3938 7431 6099 1655 2351 0021
6486 1872 8715 5753 5259 4968 6992 4251 2622 3705 2277 1998 9060 2114 7743 7635
5455 8548 5924 1140 4187 6958 5584 6422 4389 F511 0026 93CD D982 0032 6028 931F
1493 8943 6797 2538 E585 873F 1378 8554 4287 1651 7300 4352 C617 54EB 5538 4908
5696 4E10 9AC3 3813 CD00 4697 6448 5179 7091 18E3 7313 C79F 7143 EB5E 1395 6861
5611 3E5B 6477 6024 6905 2197 7225 4805 7459 0149 6646 7710 0034 7565 3711 5978
7228 5600 4447 1548 5770 5095 0575 1032 6800 3212 9939 9079 2603 9281 4752 9987
7667 6688 8299 7273 9834 8074 6653 4130 6163 6388 0856 0440 0118 6507 1251 0828
8339 6669 3164 686E 1503 9E22 7827 5062 0953 7163 5A56 F9A7 4972 B769 3A26 C013
3A52 7733 4922 5403 0BC3 67B9 BB41 8919 1165 B6D2 5751 57DD 7152 5157 C066 3249
6595 1982 ED68 5D20 4174 141E 6E14 4996 6AE5 7955 DC77 CF98 450E D221 D217 6C1E
2801 D64F FD00 88C0 00BC 0EC3 0957 4B43 EA54 2354 F9D2 5969 13F6 0483 D46A 420A
1636 EAD2 DC18 7FA9 A478 B8EA 3ABB AA79 B2A6 C76D EEF3 5DBD 6B00 576F 2D10 3CB9
8210 1E35 CFA0 9356 8961 62D6 F3FD 6076 2EEC 65EE 2BF0 3D35 72A4 0738 84

45973423 461bytes 183 +3

62
18
010C0 01423 76266 36041 16279 47113 91608 80008 25369 16369
06506 47654 92720 25420 15687 29979 60330 26827 10096 77411
24351 10636 27468 36849 78113 78579 49076 55598 36065 43468
62385 48190 29527 42810 62372 56562 63512 02384 09171 30759
97154 15404 42614 43899 19687 94059 04274 18203 40144 37363
35415 61117 13591 63819 47443 21231 03144 28479 50844 58442
89152 86000 88640 99810 26406 87132 22460 06473 84210 71871
85906 08642 42208 02006 29656 04611 11732 52516 05407 41826
85571 25318 59152 35996 67591 86489 75765 92616 90729 35716
20762 05472 89436 31341 86301 51644 68441 28573 23460 87183
74651 32877 41431 48526 04097 24935 28050 27495 15894 35999
44731 31476 29686 96854 87460 50730 97456 95054 96181 38178
88105 98337 91834 27790 26313 78265 28679 35665 68027 47510
98861 19948 92905 28101 41405 98233 41791 00485 38211 47643
88594 83042 86354 74915 07177 59014 02352 59435 63165 94793
57955 97419 46521 92942 97294 20073 55021 15772 07197 70529
89865 32451 51627 42778 35228 81493 62742 60202 87033 13041
00261 15738 72356 38700 70461 66361 78636 89939 52964 54850
59851 03378 51609
763

28406554 465bytes 185 +1

62
08
01670 06441 30170 16657 45951 66377 63517 14256 00368 24036
97149 49265 15738 79811 61747 83743 54346 96800 26843 89410
37944 60405 14623 88353 21155 97805 05124 85141 05228 97882
63577 28630 05864 00987 12260 72429 08444 65965 66805 22817
83344 24608 78555 00257 25278 62868 92151 19336 67084 04438
73353 53356 45624 00825 01576 46395 47702 88770 50627 84242
21673 29266 77032 81439 97146 52702 19850 87445 97255 41229
83787 05808 99856 44297 12974 99432 35895 34982 39715 39731
19718 74599 17138 02093 82707 42269 36337 90508 91636 17865
47760 68068 55281 76926 71187 35330 33148 06234 86365 71313
86030 76425 68480 09716 05825 78680 37879 85188 94452 90172
69746 88512 69907 51091 73015 58911 86295 93843 81515 70775
62756 31064 03879 02567 79085 87797 28098 53778 64150 96185
78474 81016 71795 81769 42989 56066 80814 70273 32878 71828
54461 31020 05981 41589 79112 03206 55956 03626 91091 41586
75384 23618 97565 33923 52241 77710 02865 84910 47280 02284
70440 61647 33797 29078 53759 11972 79031 51365 56241 45378
50898 77446 35373 35819 59924 08939 97096 14007 45349 55381
75792 22702 27255 69150 64641
6

42645902.TXT 790 bytes 315 +1

62
18
010B0 04865 31394 16729 38894 92192 70696 23038 16160 43888
13321 07062 23146 09966 73021 33564 01230 83238 74597 95286

51073 19182 60758 42986 09469 37009 17561 67048 71717 43330
78673 03520 28992 73388 18432 06871 18864 53687 33482 47474
21346 22376 59835 28913 78713 53262 68561 34626 22969 88747
45268 04203 93185 62258 85489 31418 90314 87453 53662 30681
92130 51775 96582 38231 86245 64670 75482 32095 95075 60826
41474 24836 61034 29958 43524 45510 38124 17681 33166 19047
80891 04879 50631 36954 28387 93333 99416 53814 23265 23609
69846 23337 55059 06850 41636 77076 99909 29074 78181 53757
70559 84797 64340 66738 24435 33171 18442 92940 60478 49312
30002 14501 37313 64788 66439 66609 13030 23425 92083 50376
12777 61009 35368 94710 05078 48826 62187 54189 51508 88265
62946 85637 97786 93244 81973 71282 06972 84043 42198 12856
95140 91451 54013 34850 02214 09369 22161 55142 61394 36661
83610 59774 88217 77072 39207 15338 86113 83420 89311 39261
83172 21810 35248 59109 14706 40638 95244 08644 01613 76215
90385 12386 03633 65979 82297 71075 36637 14822 60346 59738
32648 66699 38250 47223 96519 67013 84136 62143 32693 62600
04641 71819 45032 20027 49553 03620 84449 63477 99716 32320
97051 44223 74487 44055 20097 05562 44061 13691 08534 16935
78236 51129 80417 36604 29868 40509 52373 14749 14482 57407
52464 31168 52291 40851 95505 97288 96468 41597 85694 99734
91043 79828 59495 11624 53531 30130 94872 96897 70057 90844
50186 65489 18240 64155 55553 52547 96728 96450 33835 43139
80434 60694 65081 00172 60686 04070 11051 09047 13958 48847
97404 09301 67934 00090 39186 99634 50168 98286 95391 18743
51006 51189 15784 89163 65571 58755 63142 01538 22457 33982
49729 10854 47286 27783 94296 61917 03494 69134 37749 79065
10533 53258 54668 95285 91917 35488 82085 33735 00186 20511
98318 42401 19441 01162 24646 30889 18963 07032 50375 46156
84077 41017 65946 79128 14269
7

49029469.F1A 279bytes 101 +3

62
6E
01180 02765 55257 80605 29124 72968 21892 01979 91148 83958
59524 62522 73974 26587 46746 18836 43022 05642 47548 97037
38481 90030 98061 45046 36729 73277 88882 51404 78934 19673
89457 96650 97997 58479 32052 92358 78286 32339 89352 62776
85952 17312 75413 65126 27360 82120 94923 01441 16051 90726
00736 24775 21571 88659 83725 13321 58288 99589 51510 91316
62908 75607 81132 19070 98657 34252 65804 71068 03340 45700
30053 92759 98689 01897 64168 83562 60392 99610 74009 36384
20242 84928 64419 55007 43984 49812 64851 52129 40780 71984
59187 27983 41019 21487 52568 34427 78133 81120 09866 47170
98430
254

The message below has other interesting features note the apparent repeat numbers at the bottom

28142349 351bytes 139 + 3

62
08
01032 07783 74495 24670 77767 36532 32797 53282 67666 87983
46323 27783 74698 34632 84656 77983 32328 93285 76847 37765
32326 77978 70737 76567 73797 83286 73653 23257 48504 61310
78696 76983 65827 37932 32697 06967 84856 98332 32327 08273
74797 66983 32326 68582 82738 47983 44323 26869 32323 26567
85698 26879 32327 37883 84828 56767 73797 86983 13108 26967
73667 38384 69463 23280 82696 77383 65323 26779 78687 36773
79786 98332 32708 27374 79766 98332 32686 96669 32328 26965
76734 53232 90658 28369 32677 97832 69761 31080 79767 67946
32328 08279 88737 76532 84798 28473 76766 53232 83698 26532
69783 23256 50475 53234 53553 44432 32697 88482 69716 56879
32807 98232 84733 28576 84737 77913 10806 57846 32677 97870
73827 76532 82696 76980 67737 97832 86736 53257 48504 63285
78326 56682 65907 93271 46131 01310 13101 31013 10131 026

Below is the same message broken down into 4FGs note the repeated 1310 at the end

62
08
0103 2077 8374 4952 4670 7776 7365 3232 7975 3282
6766 6879 8346 3232 7783 7469 8346 3284 6567 7983
3232 8932 8576 8473 7765 3232 6779 7870 7377 6567
7379 7832 8673 6532 3257 4850 4613 1078 6967 6983
6582 7379 3232 6970 6967 8485 6983 3232 3270 8273
7479 7669 8332 3266 8582 8273 8479 8344 3232 6869
3232 3265 6785 6982 6879 3232 7378 8384 8285 6767

7379 7869 8313 1082 6967 7366 7383 8469 4632 3280
8269 6773 8365 3232 6779 7868 7367 7379 7869 8332
3270 8273 7479 7669 8332 3268 6966 6932 3282 6965
7673 4532 3290 6582 8369 3267 7978 3269 7613 1080
7976 7679 4632 3280 8279 8873 7765 3284 7982 8473
7676 6532 3283 6982 6532 6978 3232 5650 4755 3234
5355 3444 3232 6978 8482 6971 6568 7932 8079 8232
8473 3285 7684 7377 7913 1080 6578 4632 6779 7870
7382 7765 3282 6967 6980 6773 7978 3286 7365 3257
4850 4632 8578 3265 6682 6590 7932 7146
1310 1310 1310 1310 1310 1310
26

So, what do we learn that is of interest?

First of all not visible above is that if the file length is an odd number of bytes then when viewed in a text viewer such as notepad the file starts with the letter b. But, if the file length is an even number of bytes then it will appear as nearly all squares with just a few special characters. Thus the original idea that there were two types of file is wrong.

File names start with a 2 or a 4, I have one example found online that starts with a 5

The first character is always 62. (The only exception being a file sent to me by Barry from Tennessee which starts with FF FE, I later recieved the same file but it didn't have the FF FE at the beginning. It turns out that if you rename the file by doing Save As in Windows then windows adds the FF FE.)

The second character is either 08, 18 or 6E (the example I found online had 0C)
There's even a pattern here. If the file name starts with 28 the second character is 08
If the file name starts with 42 through to 48 the second character is 18
If the file name starts 49 the second character is 6E
If the file name starts with a 50 the second number is 0C

The first two 5FGs are also of interest. In every case they start with a 0 and the first one may contain letters.

There is also the possibility that the 5FG idea is wrong and that they are transmitting 4FGs in which case the rule that the first two groups begin with 0 holds true except in one case and that is in message number 28142349 this one has a repeating sequence at the end which really makes it look like it consists of 4FGs (See earlier)

But wait there's more. Most of the messages passed are 1024 bytes long. I have not included analysis of these for the simple reason that there is no apparent structure to them. That is they contain letters and numbers. Either the encoding is completely different or all the 1024 byte files contain nothing of use. File names start with any number unlike the shorter files. Below is an example of the structure of one such file.

2477 1631 DBA0 B95D C368 B610 83B1 6748 E150 3B86 E685 E94C 5881 A275 E412 1BDF
64DE 84C8 F9F3 E0C2 0277 3945 1EB6 9D29 C500 1298 2AED AC3C 570F 9FC0 DB1E F1E4
712E 0CC0 5A78 7CEA 77BF 7FA7 5364 3460 96AC 96E5 A9D4 9762 7BE5 EEEE AC76 8D24
95BA B934 E7A6 454E E7F1 6768 783F 24AA 71C3 5914 012C C421 1B95 AF7B 1DD9 0907
3F8E 1DD3 7169 37BD BBF5 D0CB 46BF 2B9C 966A 6A5D B25A 9330 2EDC 04F3 57FA 44CA
0166 4AE2 AB22 9259 FDE5 A12C D754 CA9D 6A78 6090 223A A59E 53B1 13FC E882 E07F
91B3 D73A 2CA3 DC99 5F11 C2F3 AE5D 47E7 7777 550E 9A18 E0CA CC3B 094C C40B 490C
CC9D E344 6F37 DD46 32F7 21A5 AC30 AC8C 68A9 E7CC 48B6 7168 7FD5 14AD 4022 A629
B0FB 0D02 D397 A180 6F54 ACD5 1D15 C66E 0F01 3856 3C4D C481 F514 66FE 174C E864
5F5E 7707 9CF5 78B7 B10E 5C2C A94A 2643 5F25 EDC8 6C84 8D72 5CB9 3833 6601 C31F
2004 CA7A F1F5 F8B4 3944 2767 6401 2298 7372 33D4 B17B C2E9 86BE C351 B0AA AF8E
5EE3 3419 DEAF F890 EA4A 0B57 BF5D D3CC 86F7 B4C0 C8C3 9DED E84F 4874 DBA7 E5BB
A6A7 6231 51B0 95B9 4CA7 09E0 9578 1813 F979 A467 5364 9CD5 9CCD 09CA 324C 6884
AEAC 89A8 1DF5 30F2 8A14 25FD 215F 9072 536E B936 D6D5 834D 61CD 4C97 63DE F799
4A04 62F6 F9F6 6D53 7580 69B8 0214 A2C6 3902 2D2E BC06 5856 9617 5D32 7F9A 1F81
7674 2826 8398 3443 7F0F E235 3E8B 78BF 7A14 BCE5 5159 6545 44A7 8A05 FCAF 2694
5076 9BD8 373A B281 C116 A2A5 3DAD FDDF 0739 AB86 C5A3 39C0 12AF 288E B73F 1F00
1C38 0040 79A8 5822 F620 BB54 CA59 E57F F2B7 BFCE 3031 A5C6 4E93 8C61 EC62 DBC5
3F9A 1D25 912B D989 7FEB 499E 185E A5C8 778C 4110 88BD C1A6 EBEB 1226 3E22 F4BB
4434 3FE4 AB77 2F73 5F6B 67F3 B781 76BC F165 0031 AD7C E706 7F85 1995 B27F C489
DB4E 366C D4BA 95EC 3DC6 37D9 A37D 562D E1A7 4DA9 6014 B6DA 4260 037F B46C 6CAD
D5E5 5742 0194 8D59 6556 DDE7 37FD 05C1 EC69 FE89 459D 1074 13B1 38C6 11D0 CC79
2BAD 787C 0819 DA6E C6AA 83CD 32A4 0AF4 DA77 6E71 E4A7 1C70 73E1 2261 FB86 9012
F50A F5C8 A4D0 8637 F686 5649 B906 AD19 9951 7B98 AD34 43C4 888D 315C 0B5E 2070
7515 B164 76B7 DC12 2CDD 8631 55AB FD4E 3929 86C7 F0B8 35B9 1D84 D7D3 371A AC62
0B9C 0D25 003D 6EAF 42DE 496E F113 CC8D EEE8 755C E321 E2EA 9DC8 8CFB DF70 2A89
3E22 F172 A947 1018 B9E4 D6FB DEAC ADA1 122A B248 9EC9 8549 1C9E CA1C C60E 4E5B
B9DA CB48 BD2B D8A5 B484 6DEC D1DD FB2A 213D 2C13 2085 9419 4E65 128E 1291 9520
4CB1 8A35 6BB7 2706 FC83 4D64 E0FE D49A BB25 54D4 479A D0F2 8EC3 E3C1 4D8D 3FF5
E742 A15F C62B 993B FCDC BB9C 8A5F 193A A79A 213C DAC1 3BC1 D98C C839 6488 4FCD
A4DE 097C C53B 169C C4BF 01E0 AC3D 6E24 CB09 0B8A 842B 1BC7 D2C8 4A8B ABFE 8D6D
BB8E 3ED9 440E C3D3 078D 6A93 8DCE 3F47 368F 1296 D077 FA98 BEB5 F763 D75F 836D

Just to illustrate the apparent randomness of the 1024 byte files that I have received the first and last 3 groups from each are shown below

B228 85F0 C018	F57A 543B F968
F2B8 470F EFA0	2F40 70D8 8121
7B37 7F4B 52C6	E81B D61F CEAE
B6BF 3D2A 8B8F	50FC 4959 66D2
C1A3 7348 7A96	852C E2FA 4721

BDEE 4751 C050	413B 8AD8 69DE
1409 CF50 0C38	D104 9D1E C0B2
6AC4 0109 55DF	FA7F F918 E660
248D 9A44 1EBB	0E79 69D8 E53C
F2DB 7F4F BD3A	0AC0 5158 FB08
57D1 DA15 E392	6CFC CA21 8971
7F63 5FB9 6EBE	353C 9875 1C93
8A4E D5A8 ECE8	B62B 6FF3 D2DE
1FB2 2704 E4B1	DA1A 757A 2FD0
C37C FE21 CB1E	F9C5 6D89 4607
D2CC CDC4 9C5E	DBEC E707 F5F4
8928 D33C 53B1	29C5 7241 8AB8
DE06 2D73 6DF2	4240 3D3E 8EAE
E6C3 1FCD 7611	A3EF EA08 D6C2
0607 E552 BB70	B224 0517 26AC
6A66 C3CF 7678	E720 D0F8 211D
C92B F50A E0AB	E006 5234 F042
C0B3 AADF 2734	73A5 4530 0290
59B8 83DB E63E	E9F8 3E3A 581D
F053 2E1D 36BB	97CF 602A 41B0
C06C 2AB9 9C9C	F589 6B5A 9374
AC4C F601 1F6E	32EC 9B6F EC17
6261 BBE9 DC3A	0939 B2D3 8DED
437E A947 35F7	C012 F567 FC1A
1643 E542 383B	BC36 7A4C 6F77
242C 458C C2BE	EF31 4B60 A52B
357F 2E28 012E	EAF8 FA1B 61AD
CED8 AC8A 6C5C	2E6D 3E5E 4AFB
8601 9909 DC7B	B3B3 454B 7133
94FC A2BC DC2B	77D8 73AE EDD2
3188 C723 DF84	053D D52E 2D37
CA70 FCC0 FB0D	C4FB C2DB 4520
48FB 8231 061A	E473 7951 AB48
2477 1631 DBA0	F763 D75F 836D
B854 C5C4 B2EC	266C AB01 15B6
94CA F23D 2034	089A B3A5 E591
EE92 086C 949F	6358 4936 A06A
DD13 97BB 7103	EE96 6F9F 1D22
E5DA D9BF D3EB	F433 0543 6593
E09B 1FD2 DEBE	31E7 EED1 378D

[Thanks Westli]

GERMAN BRANCH REPORT

Report from E2K's German Branch (E2Kde) and X06 team

Hallo liebe Freunde und Kollegen der deutschen Branche und des X06 Teams von E2K (Hello dear friends and colleagues of E2K's German Branch and the X06 team)

Another "between the times" report. We have the X06 logs as usual, this time with some "Kopf" logs after the comeback of my 2nd recorder, a very interesting one from our E25 specialist Manolis, another interesting log, sent by a new ENIGMA2000 member from Poland.

X06 Mazielka (1C) logs section

Date	Day	UTC	Freq	Scale	Monitor	Comments
20090707	Tue	1348-1351	9923	463125	LU5EMM	
20090707	Tue	1351-1359	12224	463125	LU5EMM	Moved from 9923 kHz
20090708	Wed	1902-1926	10202	215346	RNGB	
20090708	Wed	1923-1936	12195	314265	HFD, Kopf	Fair/good signal
20090708	Wed	1923-1936	11411	164532	Kopf, HFD,	
20090715	Wed	0657-0701	12150	256341	RNGB	Very rare scale!
20090715	Wed	0701-0709	10684	256341	RNGB	Moved from 12150 kHz
20090717	Fri	1343-1345	12224	463125	Peter	S4
20090717	Fri	1349-1351	12224	463125	Peter	S6
20090722	Wed	0800-0803	13419	465132	Kopf	
20090723	Thu	0800-0810	14419	521634	Kopf	
20090726	Sun	1915-1918	11075	145632	Pawel/PL	Extremely rare scale!
20090727	Mon	0930	13517	463125	Peter	S5-7
20090727	Mon	0938	10372	431625	Peter	Extremely short (only 4 secs)
20090727	Mon	1328-1334	12224	463125	LU5EMM	
20090727	Mon	1335-1342	13517	463125	LU5EMM	3rd TX with this scale on the day
20090728	Tue	2020-2029	12152	432516	Peter	S9+
20090730	Thu	0622-0634	12199	532614	Peter	S9+ - unusual frequency
20090730	Thu	0637-0643	11411	164532	Peter	S9
20090731	Fri	1449-1452	16025	156234	LU5EMM	CROWD36 on 16045 kHz: 1453-1459
20090813	Thu	0829-0831	9388	561243	Peter	Good clear S5
20090820	Thu	1333-1340	16132	352416	Manolis/GR	New freq, rare scale, fair signal
20090821	Fri	1537-1548	12224	463125	LU5EMM	

Thanks to all contributors and their nice stuff. Till next time I say "Auf Wiedersehen" and "Good-bye"
 Jochen Schäfer, KopfE2Kde and X06 Teamkopf

Voice Stations

E03a [X]

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

Whoever the messages from E03a are aimed at ENIGMA 2000 has no wish to 'advertise' the existence of this station[s] to those who may not support the best interests of Great Britain, or her representatives abroad. Although we are unable to stop discussion of this station on our Group site ENIGMA 2000 will remain aloof from any such discussion and will not be including reports or analysis of E03a in our newsletters.

E06 [IA]

July 2009

RNGB sends his E06 report:

E06 July log:

Thurs 2 nd	2030	5948	'724' 001 15 23467 88954 00198 65382 etc
Sat 4th	0030 0130	9061 7844	'759 862 31 59347 02273 96555 35419 etc '759' repeat
Tues 14th	2100	8020	'569' 00000
Thurs 16th	2030	5948	'724' 299 15 87456 09154 65723 98724 etc
Fri 17th	2130	5731	'315' 299 15 45637 56478 67894 56409.....67593 00000
Sat 18th	0130	7844	'759' 124 38 81581 34307 02768 74616 etc
Thurs 24th	2200	7640	'923' 174 55 73391 93341 77039 98760
Fri 25th	2100	8130	'923' repeat of Thursday message
Sat 26th	0130	7844	'759' 684 32 55664 27410 61093 79882 etc
Tues 28th	2000	10220	'569' 00000
	2100	8020	'569' 00000

A very quiet month. The early morning Saturday schedule continues giving messages without any of the first 8 digits repeated. (including call-up ID) Very strange!

Onto others' with repetition:

5731kHz 2130z	03/07[724 001 15 23467 ... 28719 001 15 0 0 0 0 0]2140z Strong	PLdn	FRI
6887kHz 1830z	09/07[842 291 15 76804 ... 34187 291 15 0 0 0 0 0] 1839z Slo Strong QRM2 [Should be G06]	PLdn	THU
7844kHz 0130z	05/07[759 862 31 59347 ... 02196 862 31 0 0 0 0 0]0140z Strong	PLdn	SUN
0130z	11/07[759 240 31 25824 ... 30322 240 31 0 0 0 0 0]0140z Strong	PLdn	SAT
0130z	18/07[759 124 38 81581 ... 22806 124 38 0 0 0 0 0]0140z Strong	PLdn	SAT
0130z	19/07[759 124 38 81581 ... 22806 124 38 0 0 0 0 0]0140z Strong	PLdn	SAT
0130z	25/07[759 684 32 55664 ... 06879 684 32 00000[f] 0140z Strong	PLdn.	SAT
		9061kHz 0030z 19/07 NRH [9m35s]	
9061kHz 0030z	05/07[759 862 31 59347 ... 02196 862 31 0 0 0 0 0]0040z Strong	PLdn	SUN
0030z	11/07[759 240 31 25824 ... 30322 240 31 0 0 0 0 0]0040z Strong	PLdn	SAT
0030z	18/07[759 124 38 81581 ... 22806 124 38 0 0 0 0 0]0040z Strong	PLdn	SAT
0030z	25/07 NRH	PLdn.	SAT

August 2009

E06 August [RNGB]:

Saturday 1st	0030 0130	7981 6953	'759' 402 36 50211 47327 39569 59520 etc '759' repeat
Thurs 6th	2030	5948	'724' 562 15 34560 89786 65748 45637 etc
Friday 7th	2130	5731	'315' 562 15 23467 89876 64735 90834 56473 etc
Saturday 8th	0030 0130	7981 6953	'759' 182 34 59068 73402 17891 10793 84456 etc '759' repeat
Tues 11th	2000 2100	9230 7920	'482' 00000 '482' 00000
Saturday 15th	0030	7981	'759' 216 30 71514 55186 49349 69452 61219...89188

Thurs 20th 2029 5948 '724' 562 15 34560 89786 65748 45637 etc
 Friday 21st 2130 5731 '315' 562 15 23467 89876 64735 90834 etc
 Saturday 23rd 0030 7981 '759' 842 31 30669 31278 64503 14070.....64045
 Tues 25th 2000 9230 '482' 937 106 73163 17739 81301 64332....54019
 Thurs 27th 2100 7985 '489' 00000
 2200 6835 '489' 00000
 Saturday 29th 0030 7981 '759' 321 40 92043 78511 61222 24495.....85316

And onto others August logs, with some repetition:

5731kHz 2130z 07/08[315 562 15 23467 ... 87649 562 15 00000[s] 2137z Strong PLdn FRI
 2130z 21/08[Msg reads: 315 562 15] RNgB, PLdn FRI
 23467 89876 64735 90834 56473
 76489 87639 87639 98247 87493
 64738 87649 78493 64738 87649
 562 15 00000)
 Note that many similar and repeated groups - this can't have any operational meaning surely? More like a test.
 These Friday messages used to be a repeat of Thursday's, but not any more.
 It was read so, so slowly that I thought the Old Man would drop down dead before the finish!

6953kHz 0130z 02/08[759 402 36 50211 ... 62201 402 36 00000[f] 0140z Strong PLdn SUN
 0130z 08/08[759 182 34 59088 ... 22176 182 34 00000[f] 0140z Strong [10m04s lg] PLdn SAT
 0130z 09/08[759 182 34 59088 ... 22176 182 34 00000[f] 0140z Strong [10m04s lg] PLdn SUN
 0130z 15/08[759 216 30 71514 ... 89199 216 30 00000[f] 0139z Fair local QRM2 [9m20s lg] PLdn SAT
 0130z 16/08[759 216 30 71514 ... 89199 216 30 00000[f] 0139z Weak QSB2 [9m27s lg] PLdn SUN
 0130z 22/08[759 842 31 30669 ... 64045 842 31 00000[f] 0140z Strong [9m31s lg] PLdn SAT
 0130z 23/08[759 Very weak, loss of signal on call up, occasional character heard] PLdn SUN
 0130z 29/08[759 321 40 92043 ... 85316 321 40 00000[f] 0141z Strong local QRM2 [10m54s lg] PLdn SAT
 0130z 30/08[759 321 40 92043 ... 85316 321 40 00000[f] 0140z Strong local QRM2 & QSB3 [10m15s lg] PLdn SUN
 (30/08 sending started strong, ended weak)

7920kHz 2100z 11/08[482 00000] ends 2104z Strong, XJT QRM2 PLdn, hfd, AF TUE
 2100z 25/08[482 937 106 73163 ... 54019 937 106 00000[f] Strong, blighted by XJT QRM3 PLdn, AF TUE

7981kHz 0030z 02/08[759 402 36 50211 ... 62201 402 36 00000[f] 0040z Fair [10m27s lg] PLdn SUN
 0030z 08/08[759 182 34 59088 ... 22176 182 34 00000[f] 0040z Fair QSB2 [10m04s lg] PLdn SAT
 0030z 09/08[759 182 34 59088 ... 22176 182 34 00000[f] 0040z Strong [10m04s lg] PLdn SUN
 0030z 15/08[759 216 30 71514 ... 89199 216 30 00000[f] 0039z Fair QSB2 [9m21s lg] PLdn SAT
 0030z 16/08[759 216 30 71514 ... 89199 216 30 00000[f] 0039z Strong [9m27s lg] PLdn SUN
 0030z 22/08[759 842 31 30669 ... 64045 842 31 00000[f] 0040z Fair QSB2 QRN2 [9m31s lg] PLdn SAT
 0030z 23/08[759 842 31 30669 ... 64045 842 31 00000[f] 0040z Strong [9m31s lg] PLdn SAT
 0030z 29/08[759 321 40 92043 ... 85316 321 40 00000[f] 0041z Strong [11m07s lg] PLdn SAT
 0030z 30/08[759 321 40 92043 ... 85316 321 40 00000[f] 0041z Strong QSB2 [11m08s lg] PLdn SUN
 (at 0023z 30/08 single '759' sent after heterodyne on freq).

7985kHz 2100z 27/08[489 00000] hfd AF THU

9228kHz 2000z 11/08[482 00000] GD, hfd, AF TUE

Finally PoSW's logs shewing schedules:

First + Third Thursdays in the Month 2030 UTC Schedule:-

2-July-09:- 5,948 kHz, calling "724" for a full message, DK/GC "001 001 15 15".
 23467 88954 00198 65382 99820 67382 99810 56281 77267 55362 67288 98710 01975 45367 28719.

16-July-09:- 5,948 kHz, call "724", same group count as last time but not the same decode key or 5F groups; unusual not to be the same 5Fs on both transmissions in the month. DK/GC "299 299 15 15".
 87456 09154 65723 98724 76856 09351 67592 65490 54611 76354 45634 75849 64571 23084 65748.

6-Aug-09:- 5,948 kHz, call "724", DK/GC "562 562 15 15", BC side band splash and heterodyne QRM, speech sounded slightly distorted.

20-Aug-09:- 5,948 kHz, must have started early, call-up in progress when tuned in 2029 and 25 seconds UTC, "724" and "562 562 15 15". Delivery of the 5Fs seemed to be extra slow this evening, BC QRM.

Friday Following the First + Third Fridays in the Month 2130 UTC Schedule:-

3-July-09:- 5,731 kHz, calling "724" - I had expected the call on the Friday transmission to be "315" - DK/GC "001 001 15 15", 5Fs as yesterday's 2030z. Started about 25 seconds before the half-hour and the call-up went on for about five minutes instead of the usual four.

17-July-09:- 5,731 kHz, started about 30s before the half-hour, call "315", DK/GC "299 299 15 15", same as yesterday's 2030 UTC - but not the same 5F groups; strange! "45637 56478 67894 56409 67850 45638 76223 98076 67580 56754 45637 67589 86903 56748 67593.

Second + Fourth Tuesdays in the Month 2000 + 2100 UTC Schedule:-

14-July-09:- 2000 UTC, 10,220 kHz, "569 569 569 00000". Strength S4 at best, very weak for an E06.
2100 UTC, 8,020 kHz, second sending, slightly stronger signal. Same frequencies as in July last year.

28-July-09:- 2000 UTC, 10,220 kHz and 2100 UTC, 8,020 kHz, "569 569 569 00000".

11-Aug-09:- 2000 UTC, 9,230 kHz, "482 482 482 00000", S9+ signal with deep modulation.
2100 UTC, 7,920 kHz, second sending, slightly weaker signal. Same frequencies used in August 2008 and 2007.

Fourth Thursday in the Month 2100 + 2200 UTC Schedule

25-June-09:- 2100 UTC, 9,190 kHz, calling "124" for a full message, DK/GC "385 385 97 97". Good signal with deep modulation.
2200 UTC, 7,720 kHz, second sending.

26-June-09, Friday:- 2100 UTC, 9,190 kHz, next day repeat of "124" and "385 385 97 97".
Good signal with good modulation.
2212 UTC, 7,720 kHz, second sending in progress, well over S9, ended 2224 UTC with, "385 385 97 97 00000".

29-July-09:- 2100 UTC, 8,145 kHz, calling "923", DK/GC "174 174 55 55". S9+ with deep modulation.
2200 UTC, 7,640 kHz, second sending, again S9+ with deep mod. Same frequencies as in July last year.

30-July-09, Friday:- 2100 UTC, 8,130 kHz, 15 kHz lower than yesterday, and 2200 UTC, 7,640 kHz, next day repeats of "923" and "174 174 55 55". Both strong signals with deep mod, must be beamed towards the UK!

E07[IB]

We open E07 with PoSW's logs in schedule form:

Known schedules in the UK evening time are Sunday + Wednesday starting at 1700 UTC, Thursday starting at 2010 UTC and the Wednesday E07a SSB schedule still on at the time of writing with a 2000 UTC start.

Sunday + Wednesday 1700 UTC Schedule:-

12-July-09, Sunday:- 1700 UTC, 13,468 kHz, very low modulation and QRM wide-band noise from local TV sets very prominent in this part of the spectrum, unable to hear voice. Carrier went off a bit before 1702 and 30 seconds which suggests a "no message". Frequencies used in July of past years were 13,468 + 11,454 and in the event of a full message, 10,126 kHz.
1720 UTC, 11,454 kHz, "441 441 441 000", much better signal than first sending.

19-July-09, Sunday:- 1700 UTC, 13,468 kHz, "441 441 441 1", DK/GC "426 101", reasonable mod, unusually.
1720 UTC, 11,454 kHz, second sending, low modulation, worse than the first sending, again unusual.
1740 UTC, 10,126 kHz, third sending of "441" and "426 101", S9+ with reasonable audio, by far the best of the three transmissions.

2-Aug-09, Sunday:- 1700 UTC, 13,388 kHz, very low mod, TV QRM, could just hear "zero zero zero", carrier QRT 1702 and 28s UTC.
1720 UTC, 12,088 kHz, "305 305 305 000", second sending with slightly better mod. No voice discernible until about a minute into the transmission, appeared to go QRT just after 1722 UTC.

Thursday 2010 UTC Schedule:-

9-July-09:- 2010 UTC, 11,539 kHz, "553 553 553 000". Reasonable mod., heterodyne from a broadcaster on 11,540 removed by using the receiver in LSB mode.
2030 UTC, 10,547 kHz, second sending with reasonable mod.

23-July-09:- 2010 UTC, 11,539 kHz and 2030 UTC, 10,547 kHz, "553 553 553 000".

6-Aug-09:- 2010 UTC, 10,753 kHz, "716 716 716 000", S9+ signal with reasonable mod.

13-Aug-09:- 2014 UTC, 10,753 kHz, a "full message" transmission in progress, not at all expected - the last such transmission was some time ago and I missed the start! Distorted speech and strong background hum. Ended with the usual zeroes 2020 UTC.
2030 UTC, 9,147 kHz, "716 716 716 1", DK/GC "906 74" x 2. S9 signal but this second sending also had distortion and hum.
2050 UTC, 7,637 kHz, third sending of "716" and "906 74". Strong signal but as with the first and second transmissions also had distorted audio and hum.

Wednesday 2000 UTC Schedule, E07a SSB Variant:-

8-July-09:- 2000 UTC, 8,173 kHz, calling "147 147 147 1 60704" - always a 5F group included in the call-up preamble with E07a - DK/GC "395 73" x 2. Usual S9+ upper side band suppressed carrier signal.
2020 UTC, 7,473 kHz, second sending, S9+.
2040 UTC, 5,773 kHz - not 6,773 as suggested in some E2K reports, third sending, S9+.

15-July-09:- 2000 UTC, 8,173 kHz and 2020 UTC, 7,473 kHz, both S9+, "147 147 147 000", no message.
22-July-09:- 2000 UTC, 8,173 kHz and 2020 UTC, 7,473 kHz, "147 147 147 000", S9+ both.

29-July-09:- 2000 UTC, 8,173 kHz, "147 147 147 1 60704", DK/GC "395 73" x 2 - looks like the return of the full message heard earlier in the month although the two Wednesdays in between have been "no message".
2020 UTC, 7,473 kHz and 2040 UTC, 5,773 kHz repeats.

5-Aug-09:- 2000 UTC, 8,173 kHz, "147 147 147 1 31691", DK/GC "257 46" x 2. "60579 17317 61427.....".
2024 UTC, 7,473 kHz, second sending in progress, S9+, ended "000 000" after a couple of minutes after being tuned in.
2040 UTC, 5,773 kHz, third sending, S9+ again.

12-Aug-09:- 2000 UTC, 8,173 kHz, "147 147 147 1 31691" and "257 46", same as last week.

2020 UTC, 7,473 kHz, second sending, and I noted the carrier was not completely suppressed as it should be with a single side band transmission, it was just about possible to understand the 5Fs with the receiver in the "AM" mode and upon selecting "USB" and tuning to the low frequency side there was a fairly strong heterodyne caused by the unsuppressed carrier.

2040 UTC, 5,773 kHz, third sending, also had a noticeable level of carrier. Does anyone know the Russian for, "Carefully adjust the carrier balance potentiometer in accordance with the procedure as described in the service manual"?

Now onto all others logs starting with RNGB's

July 2009

RNGB offers his logs and asks a question – any suggestions?

E07 July log:

Weds 1st	1700	13468	'441' 000
	1900	14812	'845' 000
	1920	13412	'845' 000
	2000	8173	'147' 000
Thurs 2nd	0700	8127	'131' 000
	0720	9327	'131' 000
	2030	10547	'553' 000
Mon 6th	1920	13412	'845' 000
Tues 7th	0700	8127	'131' 1 825 121 27114 68084 75128 etc
	0720	9327	'131' repeat
	0740	10127	'131' repeat
Weds 8th	1900	14812	'845' 000
	2000	8173	'147' 1 60704 395 73 78838 11280 81395 40421 etc (E07a)
	2020	7473	'147' repeat
	2040	5773	'147' repeat
Thurs 9th	2010	11539	'553' 000
Sun 12th	1700	13468	'441' 000
Tues 14th	0700	8127	'131' 1 445 137 40169 89117 20298 35013 etc
	0720	9327	'131' repeat
	0740	10127	'131' repeat
	1800	9121	'479' 1 5674 90 90942 29044 79727 09544 etc
	1820	7967	'479' repeat
	1840	6942	'479' repeat
Weds 15th	1700	13468	'441' 000
	2000	8173	'147' 000
Thurs 16th	0430	7437	'411' 000
	0740	10127	'131' 1 445 137 40169 etc
	2030	10547	'553' 000
Tues 21st	0700	8127	'131' 1 634 87 74062 03032 07107 63889 etc
	1800	9121	'479' 1 4454 91 76188 55395 53278 77890 etc
	1820	7967	'479' repeat
	1840	6942	'479' repeat
Weds 22nd	2000	8173	'147' 000
Thurs 23rd	2010	11539	'553' 000
	2030	10547	'553' 000
Tues 28th	0700	8127	'131' 000
Weds 29th	1700	13468	'441' 1 594 52 82698 06454 52731 etc
	1720	11454	'441' repeat
	1740	10126	'441' repeat
	1900	14812	'845' 1 234 28 47270 48870 75774 80472 etc
	1920	13412	'845' repeat
	1940	11512	'845' repeat
	2000	8173	'147' 1 60704 395 73 78838 11280 81395 etc
	2020	7473	'147' repeat
	2040	5773	'147' repeat (E07a)

Why does E07a produce a message near the beginning of the month and then NO message (000) for the next 2 weeks, then repeats original message it gave at start of month? Makes no sense!

ID 479 is not a regular schedule – it just appears now and then, and runs for a couple of weeks or so. Note the ID has no significance with the frequencies used.

And onto others' logs, with repetition:

6942kHz	1840z	21/07[479 1 4454 91 76188 ... 14563 000 000] USB ends 1850z Strong	PLdn	TUE
7967kHz	1820z	21/07[479 1 4454 91 76188 ... 14563 000 000] USB ends 1830z Strong	PLdn	TUE
8127kHz	0700z	16/07[131 1 445 137 40169 ... 20747 000 000] ends 0714z Strong	Mndbs, PLdn,	THU
	0700z	21/07[131 1 634 87 74062 ... 37466 000 000] ends 1709z Fair QRM2 QSB2	PLdn	TUE
9237kHz	0720z	02/07[131 000] 0722z Fair QSB2	PLdn	THU
	0720z	16/07[131 1 445 137 40169 ... 20747 000 000] ends 0734z Strong	PLdn, Mndbs	THU
	0720z	21/07[131 1 634 87 74062 ... 37466 000 000] ends 1729z Fair QSB2	PLdn	TUE
	0720z	23/07[131 1 634 87 74062 ... 37466 000 000] ends 1729z Weak QSB2	PLdn	THU
10127kHz	0740z	14/07[131 1 445 137 40169 ... 20747 000 000]	JoA	TUE
	0740z	16/07[131 1 445 137 40169 ... 20747 000 000] ends 0754z Strong	JoA,PLdn, Mndbs	THU
	0740z	21/07[131 1 634 87 74062 ... 37466 000 000] ends 1749z Weak QRM2 QSB2	JoA,PLdn	TUE
	0740z	23/07[131 1 634 87 74062 ... 37466 000 000] ends 1749z Weak QRM2 QSB2Poor copy	JoA,PLdn	THU
10174kHz	2030z	09/07 carrier only 2032z BC QRM3	PLdn	THU
11454kHz	1720z	05/07[441 000] 1722z Strong overriding XJT QRM	PLdn	SUN
	1720z	12/07[441 000] 1722z Fair	PLdn	SUN
	1720z	15/07[441 000] 1722z Fair XJT QRM2	PLdn	WED
	1720z	22/07[441 1 423 101 44429 ----- 000 000] 1733z Fair XJT QRM3	PLdn	WED

E07a[IB]

6773kHz	2040z	<i>Third freq for 2000z schedule, yet to be heard with full message. – this thought to be an error, 5773kHz possible.</i>		
7437kHz	0430z	01/07[147 000] 0432z	PLdn	THU
	0430z	09/07[411 1 60704 395 73 78838 ... 94234 000 000] 0439z Strong	PLdn	THU
	0430z	16/07[147 000] 0432z Very Strong	PLdn	THU
	0430z	22/07[147 000] 0432z Very Strong	PLdn	THU
7473kHz	2020z	01/07[147 000] 2022z	PLdn	WED
	2020z	08/07[147 1 60704 395 73 78838 ... 94234 000 000] 2028z Strong	PLdn	WED
	2020z	15/07[147 000] ends 2022z Very Strong	PLdn	WED
	2020z	22/07[147 000] ends 2022z Strong	PLdn	WED
8137kHz	0450z	01/07[147 000] 0452z	PLdn	THU
	0450z	16/07[147 000] 0452z Very Strong	PLdn	THU
	0450z	16/07[147 000] 0452z Very Strong	PLdn	THU
8173kHz	2000z	01/07[147 000] 2002z	PLdn	WED
	2000z	08/07[147 1 60704 395 73 78838 ... 94234 000 000] 2008z Strong XJT QRM2	PLdn	WED
	2000z	15/07[147 000] ends 2002z Strong	PLdn	WED
	2000z	22/07[147 000] ends 2002z Strong	PLdn	WED

E07 August 2009[RNGB]:

Sun 2nd August	1700	13388	'305' 000
	1720	12088	'305' 000
Mon 3rd	1900	14378	'349' 1 234 28 47270 48870 75774 80472 etc
	1920	13458	'349' repeat
	1940	10958	'349' repeat
Thurs 6th	2010	10753	'716' 000
	2030	9147	'716' 000
Tues 11th	0700	6941	'902' 000
Weds 12th	1700	13388	'305' 000
Thurs 13th	2010	10753	'716' 902 74 21409 etc
	2030	9147	'716' repeat
	2050	7637	'716' repeat (dreadful audio)
Tues 18th	0700	6941	'902' 000
Weds 19th	1900	14378	'349' 000
	1920	13458	'349' 000

Thurs 20th	0450	8137	'411' 000
	0700	6941	'902' (No modulation)
	2010	10753	'716' 1 906 74 21449 70773 etc (poor modulation)
Mon 24th	1900	14378	Unreadable
Tues 25th	0720	8041	'902' 000
Weds 26 th	1700	13388	'305' 000
	2000	8173	'147' 000
Thurs 27th	2030	9147	'716' 000

Onto others' logs with some repetition:

6941kHz	0700z	11/08[902 000] ends 0702z Fair, QRM2	PLdn	TUE
	0700z	13/08[902 000] ends 0702z Fair	PLdn	THU
	0700z	20/08[902 000] ends 0703z Fair	PLdn	THU
	0700z	25/08[902 000] ends 0702z Weak QRM2	PLdn	TUE
7637kHz	2100z	13/08[...000 000] ended 2100z Auto rx wrongly programmed, good sigs.	PLdn, hfd, AF	THU
	2050z	20/08[716 1 906 74 21449...] S9 bad audio	Mndbs, AF	THU
8041kHz	0720z	04/08[902 000]	AF	TUE
	0720z	06/08[902 :0]	hfd	THU
	0720z	11/08[902 000] ends 0722z Strong	PLdn	TUE
	0720z	18/08[902 000]	AF	TUE
	0720z	25/08[902 000] ends 0722z Strong	PLdn, AF	TUE
9147kHz	2030z	06/08[716 000] ends 2032z Poor audio QRN 3/4	PLdn, AF	THU
	2030z	13/08[716 1 ... msg txt inaudible ... 000] ends 2040z	PLdn AF	THU
	2030z	20/08[716 1 906 74 21449...] S9 bad audio	Mndbs, AF	THU
	2010z	27/08	AF	THU
10753kHz	2010z	06/08[716 000]	AF	THU
	2010z	13/08[716 1 906 74 61009...] distorted	hfd, MalcF, AF	THU
	2010z	20/08[716 1 906 74 21449...] S9 bad audio	Mndbs, AF	THU
	2010z	27/08	AF	THU
12088kHz	1720z	02/08[305 000] Break in tx Strong QSB2	PLdn, Mndbs	SUN
	1720z	05/08[305 000] Poor audio with annoying carrier above QRM3/4	PLdn,	WED
	1720z	09/08[305 000] Weak audio	PLdn, hfd	SUN
	1720z	12/08[305 000] Weak audio with pulse QRM3 <i>QRM ends with E07 sending – faulty tx?</i>	PLdn	WED
	1720z	16/08[305 000] Weak audio with Het QRM3 <i>QRM ends with E07 sending – faulty tx?</i>	PLdn, AF	SUN
	1720z	23/08[305 000] Fair QRM2	PLdn	SUN
	1720z	26/08[305 000] Strong	PLdn	WED
	1720z	30/08[305 000] Poor audio	PLdn, AF	SUN
13388kHz	1700z	02/08[305 000] Strong QSB2	PLdn, Mndbs	SUN
	1700z	09/09 carrier up, no audio 305 000 hrd Eastern Germany.	PLdn, AF, hfd	SUN
	1700z	12/08[305 000] Weak to start, strong at end	PLdn	WED
	1700z	16/08[305 000]	AF	SUN
	1700z	23/08[305 000] Strong	PLdn, AF	SUN
	1700z	26/08[305 000] Weak audio QRM2	PLdn	WED
	1700z	30/08[305 000] Poor audio QRM2	PLdn	SUN
13458kHz	1920z	05/08[349 000] ends 1922z Strong	PLdn, MalcF	WED
	1920z	10/08[349 000] ends 1922z Fair QRN2	PLdn	MON
	1920z	19/08[349 000] ends 1922z Very poor audio	PLdn	WED
	1920z	26/08[349 000] ends 1922z Poor audio	PLdn	WED

E07a August 2009

5773kHz	2040z	05/08[147 1 31691 257 46 60579 ... 79762 000 000] Very Strong	PLdn, hfd	WED
	2040z	12/08[147 1 31691 257 46 60579 ... 79762 000 000] Strong	PLdn	WED
7437kHz	0430z	06/08[411 1 31691 257 46 60579 ... 79762 000 000] Strong	PLdn	THU
	0430z	13/08[411 1 31691 257 46 60579 ... 79762 000 000] Fair QRM2	PLdn, hfd	THU
	0430z	20/08[411 000] Strong	PLdn	THU
	0430z	26/08[411 000] Strong [foot mobile in London using ICF-SW100e]	PLdn	THU

7473kHz	2020z	05/08[147 1 31691 257 46 60579 ... 79762 000 000] Strong BC QRM2	PLdn, hfd	WED
	2020z	12/08[147 1 31691 257 46 60579 ... 79762 000 000] Strong	PLdn	WED
	2020z	19/08[147 000] ends 2022z Strong	PLdn	WED
	2020z	26/08[147 000] ends 2022z Strong	PLdn	WED
8137kHz	0450z	06/08[411 1 31691 257 46 60579 ... 79762 000 000] Strong QRM2	PLdn	THU
	0450z	13/08[411 1 31691 257 46 60579 ... 79762 000 000] Fair QRM2	PLdn, hfd	THU
	0450z	20/08[411 000] Strong	PLdn	THU
8173kHz	2000z	05/08[147 1 31691 257 46 60579 ... 79762 000 000] Strong XJT QRM2 QSB2	PLdn, hfd	WED
	2000z	12/08[147 1 31691 257 46 60579 ... 79762 000 000] Strong XJT QRM2	PLdn	WED
	2000z	19/08[147 000] ends 2002z Strong QRM2	PLdn	WED
	2000z	26/08[147 000] ends 2002z Strong XJT QRM2 – no effect on sending	PLdn	WED
9137kHz	0510z	06/08[411 1 31691 257 46 60579 ... 79762 000 000] Strong	PLdn	THU
	0510z	13/08[411 1 31691 257 46 60579 ... 79762 000 000] Strong QRM2	PLdn	THU

E10 Desk Report for July and August 2009

Frequencies in use (USB) + Callsigns

Frequency (KHz)	Callsign(s)
2515	PCD
2743	ULX
2844	YHF
3150	PCD
3270	ULX
3415	ART
3840	YHF
4165	ART
4270	PCD/ULX
4560	PCD/THF/YHF
4880	ULX
5170	PCD
5435	ART/YHF
5453	ART
5820	THF/YHF
6370	YHF
6428	ABC/HNC
6498	PCD
6840	EZI
6986	ART

Frequency (KHz)	Callsign(s)
7690	EZI
7760	ULX
7918	YHF
8805	PCD
9130	EZI
9202	YHF
10648	ULX/YHF
11565	EZI
13533	EZI
17410	EZI
19715	EZI

Logged E10 Activity

ABC

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
19/8	1057	6428	ABC				Manolis
20/8	0852	6428	ABC				Manolis

ART

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
17/7	0030	3415	ART	1	42	DSYSP	Lee
12/7	0100	3415	ART	1	52	JPBHS	DanielE2Kde
24/8	0100	3415	ART	1	13	ZEFEO	E10 Agent
20/8	0200	3415/5435	ART2				
28/8	0430	5435/6986	ART	1	37	FEZYN	Kroger
23/7	1730	5435	ART	1	32	ZPUDC	Lee
02/8	1730	5435	ART	1	37	NZEOE	Kroger
14/8	1730	5435	ART	1	90	LBMTE	Kroger
27/8	1730	5435	ART	1	6	PBUPU	Kroger
06/7	1800	5435	ART	1	82	SZFGL	E10 Desk
15/7	1800	5435	ART	1	18	EXKBO	Simonggcccc

18/7	1800	5435	ART	1	46	SKMRF	Lee
26/7	1800	5435	ART	1	22	SJZEE	Lee
02/8	1800	5435	ART	1	20	BXXQU	Lee
04/8	1800	5435	ART	1	74	ZFIVK	Kroger
10/8	1800	5435	ART	1	90	LBMTE	Kroger
11/8	1800	5435	ART	1	45	UZTJZ	Kroger
17/8	1800	5435	ART	1	81	UXMKT	E10 Desk
27/8	1800	5435	ART	1	67	DRKFY	Kroger
21/7	1830	4165	ART	1	22	SJZEE	Lee
23/7	1830	4165	ART	1	13	SEAPV	Lee
04/8	1830	4165	ART	1	78	SWEWV	Kroger
14/8	1830	3415	ART	1	85	WMQJW	Kroger
18/8	1830	3415	ART	1	99	XAZAK	Kroger
27/8	1830	3415	ART	1	64	UEDQJ	Kroger
15/8	1900	3415	ART	1	8	LHCNG	Kroger
04/7	1930	5435	ART	1	71	XDPCA	E10 Desk
05/7	1930	6986	ART	1	11	WXRIG	Simonggcccc
07/7	1930	6986	ART	1	18	EXKBO	Simonggcccc
08/7	1930	6986	ART	1	73	QZFKV	Simonggcccc
11/7	1930	6986	ART	1	10	HKHXS	Simonggcccc
12/7	1930	6986	ART	1	58	BAQNM	DanielAR
10/7	1930	6986	ART2				
16/7	1930	6986	ART	1	18	EXKBO	DanielAR
18/7	1930	5435	ART	1	63	PACUL	E10 Desk
19/7	1930	6986	ART	1	12	OWZXF	Simonggcccc
22/7	1930	6986	ART	1	18	EXKBO	Lee
23/7	1930	5435	ART	1	37	RDPAI	Lee
01/8	1930	6986	ART	1	17	EDLDC	Simonggcccc
09/7	2000	5453	ART2				
20/7	2000	3415	ART	1	50	OHZJZ	DanielE2Kde
25/7	2000	3415	ART	1	37	BDPAI	Sam

01/8	2000	6986	ART	1	51	ILJSY	Simongggccc
02/7	2030	5435	ART2				
12/7	2030	6986	ART	1	50	AHZJZ	Simongggccc
16/7	2030	5435	ART2				
24/7	2030	3415/5435	ART	1	50	OHZJZ	Sam
24/7	2030	3415	ART	1	18	EXKBO	Sam
02/8	2030	5435	ART	1	51	ILJSY	Kroger
06/8	2030	5435	ART	1	56	NLMYD	Kroger
10/8	2030	5435	ART	1	51	ILJSY	Kroger
12/8	2030	5435	ART	1	17	EDLDC	Kroger
15/8	2030	3415/5435	ART	1	12	PHKFG	Kroger
24/7	2130	3415	ART	1	67	LKCNG	Sam
07/8	2130	5435	ART	1	17	EDLDC	Kroger
18/8	2130	3415	ART	1	94	AWZUF	Kroger
06/7	2200	5435	ART2				
02/8	2200	5435	ART	1	77	FWXAF	Kroger
12/8	2200	5435	ART2				
27/8	2200	5435	ART1				
28/8	2200	3415/5435	ART2				
22/7	2230	3415	ART	1	18	IZJZG	Lee
31/7	2300	3415	ART	1	56	NLMYD	DanielE2Kde
11/7	2330	5435	ART2				

EZI

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
07/7	0100	6840	EZI	1	28	UBRDM	EL29kn
02/8	0100	6840	EZI	1	46	THGQD	Kroger
20/8	0100	6840	EZI	1	8	RIGTX	Kroger
28/8	0100	6840/7690	EZI	1	9	CWCLB	Kroger
19/7	0130	6840	EZI2				
20/8	0200	6840/7690	EZI2				

01/8	0230	6840	EZI2				
28/8	0300	6840/7690	EZI	1	46	VRHBD	Kroger
20/8	0400	6840/7690	EZI	1	10	DKKVS	Kroger
20/8	0430	7690	EZI	1	24	EDTQV	Kroger
07/8	0700	9130	EZI	1	28	JFWZC	DanielE2Kde
02/7	1230	13533	EZI2				
03/7	1530	19715	EZI2				
01/8	1600	6840	EZI2				
02/8	1630	9130	EZI2				
17/7	1630	9130	EZI2				
16/7	1700	6840	EZI2				
26/7	1700	9130	EZI1				
31/7	1700	6840	EZI2				
04/8	1700	6840	EZI1				
14/8	1700	9130	EZI2				
18/8	1700	6840	EZI1				
17/8	1700	6840/9130	EZI1				
19/8	1700	9130	EZI2				
01/7	1730	13533	EZI	1	81	FIKQR	DanielAR
06/7	1730	13533	EZI2				
10/7	1730	13533	EZI	1	81	FIKQR	DanielAR
14/7	1730	13533	EZI2				
15/7	1730	13533	EZI	1	81	FIKQR	Simonggeccc
17/7	1730	13533	EZI2				
21/7	1730	9130	EZI	1	81	FIKQR	Lee
02/8	1730	9130/13533	EZI	1	32	FRSUT	Kroger
03/8	1730	13533	EZI	1	68	NJARQ	DanielAR
04/8	1730	9130	EZI	1	81	GKEIV	Kroger
08/8	1730	9130	EZI	1	69	XNHHLA	Lee
09/8	1730	13533	EZI	1	46	THGQD	Kroger
10/8	1730	13533	EZI	1	34	SJDPT	DanielAR

14/8	1730	9130/13533	EZI	1	70	USNRF	Kroger
18/8	1730	9130/13533	EZI	1	68	MHIYG	Kroger
19/8	1730	9130/13533	EZI	1	15	ROKRA	Kroger
26/8	1730	13533	EZI	1	54	EBWLZ	DanielAR
05/7	1800	6840	EZI2				
02/7	1830	9130	EZI2				
30/7	1830	11565	EZI	1	16	EIFQF	DanielAR
31/7	1830	9130	EZI2				
02/7	1900	6840/9130	EZI	1	80	OISDT	E10 Desk
05/7	1900	9130	EZI	1	38	NVUNE	DanielAR
07/7	1900	9130	EZI	1	81	FIKQR	DanielAR
08/7	1900	6840	EZI	1	38	NVUNE	Simonggcccc
13/7	1900	6840	EZI	1	31	HGHOQ	DanielAR
18/7	1900	9130	EZI	1	24	OURND	E10 Desk
25/7	1900	9130	EZI	1	97	APWPS	DanielAR
06/8	1900	9130	EZI	1	69	XNHLA	DanielAR
09/8	1900	6840/9130	EZI	1	54	HGHAL	Kroger
16/8	1900	9130	EZI	1	15	ROKRA	DanielAR
30/8	1900	9130	EZI1				
31/8	1900	9130	EZI	1	9	FPUWH	DanielAR
10/7	1930	6840	EZI	1	27	FVDLP	Simonggcccc
15/7	1930	6840	EZI	1	28	KENCV	Simonggcccc
22/7	1930	6840	EZI	1	22	IRYWT	Sam
01/8	1930	6840/7690	EZI	1	69	JVUDL	Kroger
02/8	1930	6840	EZI	1	97	APWPS	Kroger
04/8	1930	6840	EZI	1	42	KQFWZ	Kroger
06/8	1930	6840/7690	EZI	1	14	RPKWV	Kroger
14/8	1930	6840/7690	EZI	1	30	YYPXO	Kroger
19/8	1930	6840	EZI	1	15	TGFKR	JensE2kde
22/8	1930	7690	EZI	1	27	ONRGU	DanielAR
27/8	1930	6840/7690	EZI	1	12	YZBDY	Kroger

03/7	2000	6840	EZI2				
02/7	2030	6840	EZI2				
02/7	2100	7690	EZI	1	25	HPNHD	DanielAR
05/7	2100	7690	EZI2				
08/7	2100	7690	EZI	1	109	APZPM	DanielAR
11/7	2100	6840	EZI1				
12/7	2100	6840	EZI	1	60	ULVQR	DanielE2Kde
14/7	2100	6840	EZI	1	128	QESNM	DanielAR
20/7	2100	6840/7690	EZI	1	73	BOMZH	DanielE2Kde
24/7	2100	6840/7690	EZI2				
31/7	2100	6840	EZI	1	68	NJARQ	Kroger
01/8	2100	6840/7690	EZI	1	46	THGQD	Kroger
02/8	2100	6840/7690	EZI	1	97	APWPS	Kroger
09/8	2100	7690	EZI	1	16	ESTWQ	DanielAR
06/8	2100	6840/7690	EZI1				
13/8	2100	6840/7690	EZI2				
19/8	2100	7690	EZI	1	9	UUQWB	Kroger
22/8	2100	7690	EZI2				
27/8	2100	6840/7690	EZI	1	12	YZBDY	Kroger
30/8	2100	6840	EZI	1	9	UUQYB	E10 Agent
01/7	2130	6840	EZI	1	128	QESNM	DanielAR
31/7	2130	6840	EZI	1	69	JVUDL	Kroger
03/8	2130	6840	EZI	1	42	KQFWZ	Kroger
07/8	2130	6840/9130	EZI2				
16/8	2130	6840/7690	EZI	1	128	QESNM	Kroger
27/8	2130	6840/7690	EZI	1	61	OULNO	Kroger
01/7	2200	6840	EZI	1	64	KKJIR	DanielAR
05/7	2200	7690	EZI	1	128	QESNM	DanielAR
08/7	2200	7690	EZI	1	14	HZDJB	AlanG
14/7	2200	6840	EZI	1	16	OGIUJ	E10 Desk
31/7	2200	6840/7690	EZI	1	69	JVUDL	Kroger

13/8	2200	6840/7690	EZ12				
16/8	2200	6840/7690	EZI	1	69	JVUDL	Kroger
17/8	2200	6840	EZ12				
18/8	2200	6840	EZI	1	69	JVUDL	Kroger
19/8	2200	6840	EZ12				
04/7	2230	7690	EZI	1	32	FNURV	DanielAR
08/7	2230	6840	EZI	1	41	EBAAG	DanielAR
23/7	2230	6840/7690	EZI	1	73	BOMZH	Sam
03/8	2230	6840	EZI	1	92	HLLZJ	Kroger
16/8	2230	6840/7690	EZI	1	41	QEUOG	Kroger
17/8	2230	6840/7690	EZI	1	68	MHIYG	Kroger
24/8	2230	7690	EZI	1	64	PKLLJ	DanielAR
04/7	2330	7690	EZI	1	78	BKKSC	DanielAR
21/7	2330	9130	EZI	1	32	FRSUT	Lee
16/8	2330	6840/9130	EZI	1	61	BSMIG	Kroger
17/8	2330	6840/9130	EZ12				
23/8	2330	6840	EZI	1	61	AULNO	DanielAR

HNC

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
20/8	1202	6428	HNC				Manolis

PCD

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
09/8	0030	3150	PCD	1	41	VDBNB	E10 Desk
31/8	0030	3150	PCD	1	18	MRTBU	DanielE2Kde
20/8	0200	4270	PCD2				
01/8	0230	3150	PCD	1	13	OTYYR	Nick
30/8	0300	3150	PCD	1	7	GXMAT	E10 Agent
09/8	1300	8805	PCD2				
09/8	1530	8805	PCD2				

19/8	1600	6498	PCD2				
19/8	1630	6498	PCD	1	17	QFBHV	Kroger
06/7	1700	6498	PCD2				
14/8	1730	4270	PCD2				
01/7	1800	4270	PCD	1	45	KEVEM	E10 Desk
15/7	1800	4270	PCD	1	73	XWTCK	E10 Desk
19/7	1800	4270	PCD	1	36	CCZCA	Lee
20/7	1800	4270	PCD	1	41	UFDMF	E10 Desk
22/7	1800	4270	PCD	1	27	RHTXA	Lee
24/7	1800	4270	PCD	1	30	WOYWZ	Lee
30/7	1800	4270	PCD	1	97	GLXGC	E10 Desk
01/8	1800	5170	PCD2				
02/8	1800	4270	PCD	1	44	OBFBH	Kroger
09/8	1800	5170	PCD	1	87	NPPTW	Kroger
12/8	1800	4270/5170	PCD2				
14/8	1800	4270	PCD	1	69	AVTYJ	Kroger
15/8	1800	5170	PCD	1	24	GVCCC	Kroger
18/8	1800	4270	PCD2				
19/8	1800	4270/5170	PCD	1	24	GVCCC	Kroger
22/8	1800	4270	PCD	1	51	EOPPM	E10 Desk
27/8	1800	4270/5170	PCD	1	73	EMBWL	Kroger
15/7	1830	4270	PCD2				
01/7	1900	4270	PCD2				
01/7	1930	4270	PCD2				
11/7	2000	3150	PCD	1	33	DLWQM	ElmarE2Kde
19/7	2000	4270	PCD	1	41	DBWTZ	Lee
06/8	2000	4270	PCD	1	60	FIATX	Kroger
11/8	2000	4270	PCD2				
14/8	2000	4270	PCD	1	60	FIATX	Kroger
19/8	2000	4270	PCD	1	30	IKNHQ	Kroger
27/8	2000	4270	PCD	1	67	IQGHL	Kroger

02/7	2030	4560	PCD2				
04/7	2030	3150/4270	PCD2				
11/7	2100	6498	PCD	1	79	TOUNF	ElmarE2Kde
20/7	2100	4270	PCD	1	28	JHCLI	DanielE2Kde
23/7	2100	4270	PCD	1	16	ELFZB	Sam
30/7	2100	4270	PCD	1	16	OZGZM	DanielE2Kde
02/8	2100	4270	PCD	1	12	JBYBW	Kopf
06/8	2100	4270	PCD	1	74	UVOOT	Kroger
13/8	2100	4270	PCD	1	18	SRTAB	Kroger
18/8	2100	4270	PCD	1	15	XGCWV	Kroger
25/8	2100	4270/6498	PCD	1	7	OAYJE	E10 Agent
24/7	2130	2515/3150	PCD2				
07/7	2200	4270	PCD2				
06/7	2230	4270	PCD2				
19/8	2300	3150	PCD	1	13	LQJAK	E10 Agent
24/7	2330	3150	PCD	1	74	UVOOT	Lee

ULX

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
25/8	0100	3270	ULX	1	13	DSXZH	E10 Agent
20/8	0200	4880	ULX	1	35	DPYRT	Kroger
01/8	0230	4880	ULX1				
28/8	0230	2743/4880	ULX	1	46	INTPI	Kroger
20/8	0330	4880	ULX2				
30/8	1330	7760	ULX	1	55	GRNNC	Pawel
30/8	1400	7760	ULX2				
02/8	1500	7760	ULX2				
31/7	1700	4880	ULX2				
14/8	1730	4880	ULX	1	17	NDCRV	Kroger
17/8	1730	4880	ULX	1	16	OWUBM	Kroger
27/8	1730	4880	ULX	1	44	SHVJN	Kroger

06/7	1800	4880	ULX2				
02/7	1830	4880	ULX	1	45	OVXXS	E10 Desk
23/7	1830	4880	ULX	1	12	WTRDH	E10 Desk
01/8	1830	4880	ULX	1	16	BVIJF	Simongggccc
02/8	1830	4880	ULX	1	24	YVKRO	Kroger
07/8	1830	4880	ULX	1	16	BVIJF	Kroger
08/8	1830	4880	ULX	1	24	YVKRO	Kroger
09/8	1830	4880	ULX	1	17	NDCRV	Kroger
10/8	1830	4880	ULX	1	92	ZDMHO	Kroger
11/8	1830	4880	ULX	1	88	NESFX	Kroger
12/8	1830	4880	ULX	1	17	NDCRV	Kroger
14/8	1830	4880	ULX	1	12	WTRDH	Kroger
15/8	1830	4880	ULX	1	17	NDCRV	Kroger
16/8	1830	4880	ULX	1	12	WTRDH	Kroger
17/8	1830	4880	ULX	1	41	PXYLG	E10 Desk
18/8	1830	4880	ULX	1	12	WTRDH	Kroger
02/8	1900	4880	ULX2				
04/8	1930	4880	ULX2				
08/7	2000	4880	ULX2				
01/8	2000	4880	ULX	1	24	YVKRO	Kroger
02/8	2000	4880	ULX	1	21	XQJCT	Kroger
03/8	2000	4880	ULX	1	24	YVKRO	Kroger
06/8	2000	4880	ULX	1	12	ANBCG	Kroger
07/8	2000	4880	ULX	1	16	BVIJF	Kroger
08/8	2000	4880	ULX	1	24	YVKRO	Kroger
09/8	2000	4880	ULX2				
10/8	2000	4880	ULX	1	17	NDCRV	Kroger
14/8	2000	4880	ULX	1	13	HGZFK	Kroger
15/8	2000	4880	ULX	1	17	NDCRV	Kroger
16/8	2000	4880	ULX	1	56	XTJPY	Kroger
18/8	2000	4880	ULX	1	41	PXYLG	Kroger

27/8	2000	4880	ULX	1	100	JWUWX	Kroger
02/7	2030	4270	ULX2				
22/7	2030	2743/3270	ULX2				
22/7	2100	4880	ULX2				
21/7	2130	2743	ULX	1	99	CNKBC	Lee
30/7	2130	4880	ULX	1	89	BFXUV	DanielE2Kde
31/7	2130	2743/4880	ULX	1	92	ZDMHO	Kroger
01/8	2130	2743/4880	ULX	1	93	ANXSE	Kroger
02/8	2130	4880	ULX	1	16	BVIJF	Kroger
13/8	2130	2743	ULX	1	13	HGZFK	Kroger
18/8	2130	4880	ULX	1	44	YEYPU	Kroger
27/8	2130	4880	ULX	1	64	KNRDF	Kroger
08/7	2200	2743/3270	ULX2				
03/7	2230	4880	ULX2				
22/7	2300	3270	ULX	1	14	YHLVY	Lee

THF/YHF

Date Logged	Time (UTC)	Frequency (KHz)	Callsign	Number of Msgs	Msg Count(s)	Msg 1st Group(s)	Credit
12/7	0000	3840	YHF	1	17	RFSQX	Gary N
16/8	0000	3840	YHF	1	64	KSRWI	Kroger
28/8	0000	3840	YHF	1	34	REIEQ	Kroger
10/8	0030	3840	YHF	1	78	RLQMA	E10 Desk
01/7	0130	2844/3840	YHF	1	15	UWKDR	AlanG
10/8	0130	3840	YHF	1	18	IWJEH	E10 Desk
28/8	0130	2844/3840	YHF	1	15	UWKDR	Kroger
20/8	0200	5820/7918	YHF2				
20/8	0230	3840	YHF	1	17	RSPGN	Kroger
28/8	0230	3840	YHF	1	13	HBUQV	Kroger
28/8	0330	3840	YHF	1	46	PANQY	Kroger
20/8	0400	5820	YHF	1	52	YSFUC	Kroger
20/8	0430	5820/7918	YHF2				

20/8	0500	9202/10648	YHF2				
28/8	0500	9202/10648	YHF	1	18	HCQGY	Kroger
12/7	1630	3840	YHF	1	16	HEL CJ	Manolis
17/8	1630	3840	YHF	1	13	TMSJJ	E10 Agent
22/7	1700	4560	YHF2				
16/8	1700	4560	YHF1				
18/8	1700	4560	YHF2				
19/7	1730	4560	YHF2				
14/8	1730	4560/5820	YHF	1	17	UERLU	Kroger
17/8	1730	5820	YHF	1	18	ZOWXE	Kroger
18/8	1730	4560/5820	YHF1				
19/8	1730	5820	YHF	1	17	UERLU	Kroger
15/7	1800	3840	YHF2				
17/8	1800	3840	YHF1				
18/7	1800	3840	YHF2				
02/7	1830	10648	YHF	1	25	CAGIS	DanielAR
05/7	1830	10648	YHF	1	37	DWSSS	DanielAR
08/7	1830	10648	YHF	1	18	TBBZC	DanielAR
14/7	1830	10648	YHF	1	17	TSXZX	DanielAR
16/7	1830	10648	YHF	1	50	WVTFL	DanielAR
17/7	1830	10648	YHF	1	17	ZUBOO	DanielAR
18/7	1830	10648	YHF	1	25	NDLXP	E10 Desk
28/7	1830	10648	YHF	1	73	IDZBL	E10 Desk
01/8	1830	10648	YHF	1	15	NXPCT	DanielAR
05/8	1830	10648	YHF	1	14	BKZMX	DanielAR
08/8	1830	10648	YHF	1	54	QVCUE	Kroger
09/8	1830	10648	YHF	1	27	FHLUT	DanielAR
18/8	1830	10648	YHF	1	14	KLJOW	Kroger
22/8	1830	10648	YHF	1	27	NCTYK	DanielAR
25/8	1830	10648	YHF	1	17	BYAHI	DanielAR
30/8	1830	10648	YHF	1	15	QOJNY	DanielAR

02/7	1900	3840	YHF2				
19/7	1930	7918	YHF2				
02/8	1930	7918	YHF	1	21	QJAHF	Kroger
07/8	1930	7918	YHF2				
08/8	1930	7918	YHF	1	15	ADRTK	Kroger
10/8	1930	7918	YHF	2	76/91	UGENH/CFHEF	Kroger
12/8	1930	5820/7918	YHF1				
14/8	1930	5820/7918	YHF	2	119/49	CQFXF/GCKNB	Kroger
15/8	1930	5820/7918	YHF3				
16/8	1930	7918	YHF	1	29	CBVXG	Kroger
17/8	1930	5820/7918	YHF	1	11	BNLCB	Kroger
18/8	1930	5820/7918	YHF	1	12	VARDA	Kroger
19/8	1930	5820/7918	YHF	1	22	NTVBG	Kroger
22/8	1930	7918	YHF2				
27/8	1930	5820/7918	YHF1				
31/8	1930	7918	YHF	1	26	XDDVA	DanielAR
11/7	2000	9202	YHF2				
03/7	2030	4560	YHF2				
05/7	2100	5820	YHF2				
06/8	2100	5820	YHF1				
13/8	2100	5820	YHF2				
20/8	2100	5820	THF	1	18	ONAAAY	E10 Agent
21/8	2100	5820	YHF	1	17	UERLU	E10 Agent
22/8	2100	5820	YHF	1	27	NCTYK	E10 Agent
23/8	2100	4560/5820	THF	1	18	ONAAAY	E10 Agent
24/8	2100	4560/5820	YHF1				
25/8	2100	4560/5820	YHF	1	8	HSSHZ	E10 Agent
27/8	2100	4560/5820	YHF1				
07/7	2130	5820	YHF2				
08/7	2130	5435	YHF2				
08/7	2200	2844/3840	YHF	1	97	HRCJD	AlanG

15/7	2200	3840	YHF	1	61	TJYRS	AlanG
23/7	2200	3840	YHF	1	16	EIFQF	Sam
12/8	2200	3840	YHF	1	49	GKDGB	Kroger
13/8	2200	3840	YHF	1	16	PNMQW	Kroger
28/8	2200	2844/3840	YHF	1	16	DPMRG	AlanG
06/7	2230	6370	YHF2				
02/7	2300	3840	YHF	1	32	CSZNM	E10 Desk
16/8	2300	3840	YHF	1	49	GKDGB	Kroger

Noteworthy Events

The first E10 oddity of the month was spotted on July 2nd by E10 desk when he noticed the 2030 slot appeared to be in a mess. ART & EZI were on their correct frequencies but ULX was on 4270 KHz (not 4880 KHz) and PCD on 4560 KHz (not 4270 KHz) in addition YHF couldn't be found. ULX made another appearance on 4270 KHz at 1830 on 4th August where it was logged by the Kopf. ULX made another appearance on 4270 KHz on 19th August at 1900 when it was heard by both JensE2kde and Kroger.

The next E10 oddity was logged by regular monitor DanielAR when he heard YHF2 on 5435 KHz which is usually a ART frequency at 2130 on July 8th. Daniel logged another oddity on 30th July when he heard the 18:30 ULX message transmitted on 10648 KHz which is usually a frequency used by YHF. Richard Ness logged an interesting oddity on July 9th when he heard an ART message at 1953 on 5453 KHz not the usual ART frequency of 5435 KHz. Presumably this was "finger trouble" at the E10 transmission site. Whatever the cause ART remained on this frequency for the rest of the night.

A unusual E10 prefix 3 call was heard by Kroger in the 1930 slot on 15th August when he heard YHF3. This followed a double message which was sent in this slot the day before.

I'm guessing someone made an unfortunate mistake on August 20th when at 2100 instead of the usual YHF call on 4560 KHz and 5820 KHz E10 Agent heard the call "THF". E10 Agent points out that on a "QWERTY" style keyboard that the letter "T" is next to "Y" so it looks like this was a mistake. On the following day another message was sent with the usual YHF call up but on the 23rd the same G18 ONAAY message was sent again with the THF call up.

Lastly I would like to thank everyone who has sent me logs as you have made this report possible. We have had a record number of logs this month which is why this is the biggest E10 desk report ever. However E10 is a huge operation and we still need more monitors for better coverage. If you are reading this and have yet to contribute to E2K can I suggest you try monitoring E10 and sending your logs. If you live in Europe or the Middle East then E10 monitoring is easy and the station can be heard with a small antenna and cheap radio. If you are having problems post to the mailing list and I'm sure one of the regular E10 listeners will help you out.

Please note that the next E10 Desk report you read will be in a slightly different format. My aim is to display all the information I currently do and some more but in a slightly cleaner and clearer way.

E11 [III] *H-FD's updated charts can be seen in the charts section, along with RNGB's charts. Thanks each.*

The Family 3 prediction schedules which took years of dedicated research to achieve their high standards of accuracy and probability have now been totally decimated. The only schedule that lingered on into August was the 1650z on 13908, and now even that has changed, and is now 2 hours later. A few new schedules are being found, but it does not seem to be very active (unless we are looking in the completely wrong places).

E11 July log:

5409kHz	0420z	23/07[649/00]	Peter Poelstra	THU
	0420z	30/07[649/00] Strong	RNGB	THU
7600kHz	0605z	28/07[517/00] Good	RNGB, Leif	TUE

E11a

4828kHz	0655z	07/07[121/25 24349 75339 37125 75052 37556....35631] Fair, Out 0703z	RNGB	TUE
7469kHz	0535z	28/07[? /33 13303 40342 31297 32605 44713 93640 35163 53490 20494 81088 23004 55564 41810 40359 25737 51869 26437 18164 29565 91859 42430 90942 67075 22231 92502 83087 95110 01436 19728 86960 75399 04401 56134] Out at 0545z	RNGB, Leif	TUE
13908kHz	1650z	01/07[648/31 37138 44986 45522 35593 27323.... 84427] End 16:59:00	Guy	WED
	1650z	02/07[645/24 16127 50327 67634 71303 12121....45554]	RNGB, Guy	THU
	1650z	03/07[646/28 76157 47236 04452 57817 89672....66485] End 16:58:28	Guy, PLondon	FRI
	1650z	04/07[641/25 16836 35465 98275 11807 21148....86962] Good	RNGB, PLondon	SAT
	1650z	05/07[640/30 05709 89068 27542 97992 56998....19357]	Guy	SUN
	1650z	06/07[649/22 19561 82858 92056 94405 97965.....33005] Good	RNGB	MON
	1650z	07/07[646/27 79966 69516 05237 41384 47080....36089] Good, Out 1658z	RNGB, Guy	TUE
	1650z	08/07[647/22 71435 ... 26004] Out 1657z Weak, noisy QSB3	Derek,RNGB	WED

1650z	09/07[640/29 19745 79665 17416 98796 93094.....51650]	End 16:58:50	Guy	THU
1650z	10/09[643/24 62755 72152 97147 31167 88362..... 44926]	End 16:57:35	Guy	FRI
1650z	11/07[648/30 A 47177 ... 24516]	OUT 1659z [8m51s] Weak QRM2 QSB2	PLondon	SAT
1650z	13/07[647/23 73503 63773 03458 77060 11762..... 03379]	End 16:57:38	Guy	MON
1650z	14/07[646/27 58391 73488 56316 10624 96939....71202]	Good, End 1658z	RNGB, Guy	TUE
1650z	15/07[643/23 44915 59807 20859 46739 70254....41617]	Fair with QSB	RNGB, Guy	WED
1650z	16/07[644/28 ???17 57185 41789 57077 46400....84066]	Extremely weak	Guy	THU
1650z	17/07[643/23 14010 81049 49845 59113 45524.....07100]	Strong, Out 1657z	RNGB, Guy	FRI
1650z	18/07[644/29 90784 48182 25993 25497 49738... 40219]	End 16:58:54	Guy	SAT
1650z	19/07[641/20 54108 07107 30739 21712 50315... 86008]	End 16:57:00	Guy	SUN
1650z	20/07[642/31 86030 93767 01822 43001 56478....77551]	End 16:59:10	Guy	MON
1650z	21/07[644/30 9461? 83675 13968 48232 39217... 10206]	End 16:58:50	Guy, RNGB	TUE
1650z	22/07[645/20 55401 56867 00666 51787 18706....01916]	End 16:57:10	Guy	WED
1650z	23/07[642/30 83776 44589 49985 30383 11258....60820]	End 16:58:52	Guy, RNGB	THU
1653z	24/07[645/21 03643 76864 19923 43032 06851....76611]	End 1657z	RNGB, Guy	FRI
1650z	26/07[643/22 52827 02867 04997 57776 67849....60754]	Good, some QSB	RNGB	SUN
1650z	27/07[648/29 20258 82263 41131 40699 61265....30218]	Fair with QSB	RNGB, Guy	MON
1650z	28/07[643/23 80651 04262 57108 15953 20789... 43380]	Out 16:57:29	Guy, RNGB	TUE
1650z	29/07[644/31 02902 95463 87275 29067 107??.... 67805]	Out 16:59:00	Guy	WED
1650z	30/07[641/24 42891 83816 38346 02678..... 37439]	Out 16:57:40	Guy	THU
1650z	31/07[646/29 24500 22854 92746 13393 60140....99252]	Out 16:58:43	Guy	FRI

E11 August log:

6906kHz	1025z	23/08[349/00]	Pawel	SUN
7469kHz	0535z	11/08[633/00] Good	RNGB	TUE
	0535z	18/08[633/00] Good	RNGB, Guy	TUE
	0535z	25/08[633/00]	RNGB, Guy	TUE
7600kHz	0605z	04/08[517/00] OUT 0608z Fair	PLondon	TUE
	0605z	18/08[517/00] Good	RNGB, Guy	TUE
	0605z	25/08[517/00]	Guy	TUE

E11a August log:

7469kHz	0535z	04/08[635/32 A 41095 23638 13426 ... 34944]	Out 0544z Fair QSB2 PLondon,	RNGB	TUE
7600kHz	0605z	11/08[519/30 17050 25541 74925 61990 68486.....25885]	Out 0714z	RNGB, Guy	MON
13908kHz	1650z	01/08[644/27 03509 17947 41642 91994 38708.....74005]	Out 16:58:15	Guy	SAT
	1650z	02/08[649/25 49807 29006 54701 44086 07379.....74745]	Good	RNGB, Guy	SUN
	1650z	03/08[648/30 87066 59111 14118 17691 06548.....81853]	Out 16:59:00	Guy	MON
	1650z	04/08[641/22 51008 72042 08765 12925 39683.....13883]	Out 16:57:22	Guy	TUE
	1650z	05/08[644/26 78169 83241 18318 25723 28985..... 33905]	Out 16:57:48	Guy	WED
	1650z	06/08[643/23 52335 10726 79808 67506 81439.....03530]	Out 1657.30	RNGB	THU
	1650z	07/08[640/30] Terrible signal		Guy	FRI
	1650z	09/08[648/28 83056 51801 62744 32230 93416.....78252]	Out 16:58:28	Guy	SUN
	1650z	10/08[647/20 78317 68127 32328 57810 04525.....09030]	Good, with QSB	RNGB, Guy	MON
	1650z	12/08[641/21 91521 41039 6??10 389?0 26537.....38906]	Terrible	Guy	WED
	1650z	13/08[642/26 45738 02834 01545 57555 53065..... 68805]	Out 16:58:12	Guy	THU
	1850z	16/08[645/22 65579 56083 etc]		Gert	SUN
	1850z	17/08[640/26 12287 45448 69180 21918 62400..... 44760]	Out 18:58:10	Guy	MON
	1850z	18/08[641/25 38522 53814 26353 09913 61458.....84??3]	Out 18:58:00	Guy	TUE
	1850z	20/08[641/23 50750 40031 27346 48569 06959.....30727]	Out 18:57:38	Guy	THU
	1850z	21/08[646/29 01117 31821 07903 06838 54339.....77549]	Out 18:58:40	Guy	FRI
	1850z	22/08[643/23 18920 19031 87721 48423 59500..... ??05]	Out 18:57:35	Guy	SAT
	1850z	23/08[642/27 34161 46088 81043 85388 38079..... 82?88]	Out 18:58:15	Guy	SUN
	1850z	24/08[647/24] Signal was so poor, only copied about 10 groups		Guy	MON
	1850z	26/08[649/23 35271 07601 40564 08176 64929.....25525]	Out 18:57:34	Guy	WED
	1850z	27/08[640/28 43634 12236 82702 80525 13049.....64301]	Out 18:58:08	Guy	THU
	1850z	28/08[641/21 85418 97345 04193 67016 10960.....65??8]	Out 18:57:15	Guy	FRI
	1850z	29/08[640/31] message too weak to copy		Guy	SAT
	1850z	30/08[641/21 07785 15471 81224 34597 45032.....94223]	Out 18:57:12	Guy	SUN

E15 [O]

E15 Schedule assembled by Manolis during spring 2005:

UTC	Mon	Tue	Wed	Thu	Fri	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	5834	5834	5834	-	5834	5834	WSP
1230	-	11170	11170	11170	-	11170	11170	OSS
1300	-	-	-	11170	-	11000	-	BEC

E15 continued:

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)	V – VICTOR	S – SUSAN
T – THOMAS	U – UNION	Z – ZEBRA (ZERO / ZULU)	W – WILLIAM
X – XRAY	Y – YOUNG		

E17 [IA] Nil Reports

E17z Reported elsewhere in NL [S06]; freqs [16780/12850kHz](#)

12850kHz 0810z	06/08[674 825 9 32178 ...]	AF	THU
16780kHz 0800z	06/08[674 825 9 32178 ...]	AF	THU

E23 [XI] 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 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 [Tnx AnonUK]. Week 2 was M04 Not heard since September 2000

	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

©AnonUK23050

Week 2 was M04 Not heard since September 2000

E25 [O]

Logging of E25 during the past two months was difficult. For some reason the operators of E25 used a faulty (?) low-power transmitter, resulting weak signals even at my QTH location. Also, the received transmission from that particular transmitter had a strange “squeaky” sound each time the OM attempted to deliver a message. While signals received at my QTH under “normal” conditions are strong (S9 on 6140 kHz), the faulty transmitter was much weaker. For example, on 20 August, a +10dB tone was on air at 0656z, in AM mode. After 3 minutes, it QRT and superseded by an USB transmitter with much weaker signal (under S1). I assume the problem was due to a faulty transmitter and not to propagation effects since the mYL transmissions were “normal” (of course I can’t say anything about a change in the beaming direction).

Weak signals, strange accent and QRN, required a lot of sound processing from my behalf to recover the contents of the transmissions. Thus my logs (especially the message contents) are not 100% guaranteed to be correct. Even on 9450 kHz, things were more difficult than usual. Maybe that’s why I received so few logs from other E25 fans.

Despite all these problems, Agent “000” (if he really exists!) received the same short message during the beginning of July, via the mYL or a live transmission. The song “Ahabena ya enni mahom maana” (“Our lovers are away”) was again used as an intro. Some music-only transmissions occurred during early July, featuring other unidentified songs.

The so-called “switchover” procedure noted during some live transmissions. An OM starts calling, and just before the message part, another OM takes the microphone for the message part. This “switchover” can occur any other time during the transmission, and even more than once.

On 3 July at 1042z, an odd transmission consisting of 777 was delivered from the mYL. Unfortunately my receiver tuned to 9450 kHz at 1100z so I lost the rest of the transmission. Also, on 7 July the OM was calling 872 995 but again no message followed. A minor alteration of the format of Agent 140 messages was noted on 12 July, having to do with the position of the serial/gc group:

08/7: 6733 <u>8410</u> 4830 8126 5242 1119 5049 4643 0761 7345 9021 <u>8410</u>	(serial: 09, gc: 12)
12/7: 2433 <u>9611</u> 9021 <u>2668</u> 9839 9185 3657 5349 8867 5762 5661 <u>9611</u>	(serial: 09, gc: 12)
02/8: 2833 <u>8901</u> 3804 7050 8183 0754 8095 0407 1696 9549 6215 4314 2957 1151 <u>8901</u>	(serial: 11, gc: 15)

Note also that the serial is the same (09) on 8/7 and 12/7. What if this is actually the *same* plaintext? A dream that E10 fans also have these days...

Richard and Bob managed to log E25 on 9450 kHz earlier than usual, i.e. earlier than 1100z. Richard partially logged a message on 2/8, 1015z, and Bob, on 8 August managed to log a message to 215, at 1014z. This proves again the need for more monitors/ing, even if the odds are against us.

The “mechanical” YL had some issues on 8-9 August. She sounded like “skipping” or “eating” numbers in an erratic manner, something that happened again in the past. Probably that’s why E25 ops used live transmissions instead, with no obvious improvement either for me or the real Agents!

And last but not least, a parallel transmission occurred on 9 August: The mYL was calling Agent 169, in AM mode and a strong signal, and underneath, in USB and a weak signal, an OM also was calling the same Agent. After a few moments, the live transmission QRT and the message was delivered by the mYL.

Logs at a glance:

July

1	6140	0853	570	3633 9076 4909 6775 9668 0180 0839 6093 4033 2727	Tone
				5217	
		0919	000	0669 6676 6682 (as of 11/05)	Music, call was “...00”, low audio
2	6140	0658	012	7900 1580 5599 3696 9059 1333 5300 2861 4942 4385	AM, tone
				9237 8543 8403 1567	
		0855	575	50	AM, tone, S7 peaks +10dB, ended Mx3
		0920	000	(as of 11/05)	AM, S9, music, repeated twice
3	6140	0655	017	56	AM, tone, S9 peaks +10dB, ended Mx1
		0726	702	10	AM, tone, S9, ended Mx1
		0915	000	(as of 11/05)	Music, repeated
		1042		777 repeated	New song, mYL, lasted at least till 1100z
4	6140	0806		Music?	Very weak
		0810		Music?	Very weak, song repeated till 0928z
5	6140	0925	(000)	(as of 11/05)	Music, OM live under “Informatik Radio”, NO CALL
6	6140	0927	(000)	(as of 11/05)	Music, OM live, NO CALL
	9450	1111		MUSIC ONLY	New song, QRT 1112z
		1157	275	4002 280x19	OM live, pauses, breaks, EOT at 1209z
7	6140	0829	872	CALL ONLY	OM live, “squeaky”
			995	CALL ONLY	
		0845	350	<u>7070 7571 2011</u> 0478 8570 0593 6704 1672 6507 7612	OM live, “squeaky”
				<u>7571</u>	
		0906	(000)	(as of 11/05)	Music, OM live, “squeaky”, NO CALL
	9450	1143	780	3909 2060 8541 4542 4751 <u>8541</u>	OM live, BC QRM
			788	2 4 5	
		1159	275	(as of 06/07)	OM live
8	6140	0728	140	6733 <u>8410</u> 4830 8126 5242 1119 5049 4643 0761 7345	“Squeaky” tone, OM live
				9021 8410	
		0929	(000)	(as of 11/05)	Music, OM live, NO CALL, weak
	9450	1144	785	6	Buzz, OM live, BC QRM, EOM EOT
9	6140	0730	140	(as of 08/07)	OM live, weak
10	6140	0925	(000)	(as of 11/05)	“Squeaky” tone, OM live, very weak, NO CALL, music after msg
11	6140	0744	804	7488 <u>1790</u> 0846 4410 1401 4437 4728 <u>1790 0990</u>	OM live, weak, difficult copy
	9450	1147	780	9092 3081 9810 1485 4786 3499 9017 5373 2926 1471	OM live, yelling, buzz
				1314 8598 2687 0820 3299 2593 8560 9810	
12	6140	0744	140	2433 <u>9611 9021</u> 2668 9839 9185 3657 5349 8867 5762	Tone, OM live
				5661 <u>9611</u>	
		0800	806	6	OM live, very weak & “squeaky”
	9450	1145	780	(as of 11/07)	OM live, weak
13	6140	0732	701	5711 <u>4110 0301</u> 5259 4144 7955 0825 1252 7973 <u>4110</u>	Tone, OM live, distorted
			140	(as of 12/07)	
	9450	1144	788	7	OM live, low audio
14	6140	0700	360	2201 0470 5391 4340 8470 0576 7843 4630 <u>0470</u> 1500	Tone, “squeaky”, weak OM live, repeat not heard
		0730	702	12	“Squeaky” OM live, buzz
		0845	750	<u>7070 7571 3011</u> 0478 8570 0593 6704 1672 6507 7612	“Squeaky” tone, OM live
				<u>7511</u>	
		0849	014	1055 9470 3814 ??99 9470 ?8??	OM live, very weak
			018	5	
		0930	672	5122 4095 9006 8992 6528 9156	“Squeaky” tone, OM live, weak
		1018	880	<u>5360 6801</u> 4899 8786 7903 7903 6110 7181 9986 <u>5360</u>	“Squeaky” tone, OM live, weak
	9450	1130	555	<u>4170 2121 0931</u> 8759 9994 8887 7987 9987 4107 7330	OM live, weak
				8544 <u>0931</u>	
		1145	785	8	OM live, distorted
15	6140	0700	364	4	“Squeaky” tone, OM live, weak
			116	1921 6883 7771 7011 8189 8365 5501 8091 3385 6908	Digi QRM, Rx3 then QRT
				8940 9075	
		1013	887	8	OM live, “squeaky”
16	6140	0901	116	(as of 15/07)	OM live, “squeaky”, weak
		0929	405	4963 8477 8485 3487 15?? 79...	OM live, very weak, can’t copy
18	6140	0928	672	... 5585 4458 ...	OM live, “squeaky”, can’t copy
		0944	128	1066 9290 4161 1773 0937 0324 5465 0678 <u>4161</u>	OM live, weak
19	6140	0745	169	0144 8570 1748 2987 7670 4821 6132 1535 <u>1065</u> 2136	OM live, very weak, partial copy, msg

			9036 6078		logged on 20/07	
	0759	111	CALL ONLY		OM live, "squeaky"	
	0931	672	4094 9102 6866 4435 5525 8452 85?? ...		OM live, very weak, lost	
	0945	128	(as of 18/07)		OM live, very weak, assume same as 18/07	
	9450	1144	440 9170 9001 9622 5190 3444 3546 7675 4412 5394 9622		Lots of breaks, OM live at 1157z	
			449 NO MESSAGE			
20	6140	0715	185 5999 6570 5073 3371 8058 0917 7323		OM live, very weak, msg logged on 21/07	
		0729	145 8		OM live	
		0745	169 (as of 19/07)		Digi QRM	
		0830	135 19		OM live, very weak, getting stronger	
			133 2179 9086 5763 1190 9559 7769 0013 6095		"Squeaky"	
		0929	205 0727 9477 1156 8108 3082 1049 0211 0975 0950 2125		OM live, very weak, "squeaky", msg logged on 21/07	
		0944	126 19		OM live	
9450	1145	440	(as of 19/07)		OM live	
		449	NO MESSAGE			
21	6140	0712	185 (as of 20/07)		OM live, "squeaky"	
		0828	135 NO MESSAGE)		OM live, very "squeaky"	
			202 1			
		0928	205 (as of 20/07)		OM live, "squeaky", starts over	
22	6140	0714	187 77		OM live, weak	
		0745	169 1144 7841 7570 1275 0439 9778 2615 2170		OM live, "squeaky"	
		0815	950 2111 2270 <u>0841</u> 1258 9241 2744 8018 0804 0711 8708		OM live, weak, getting stronger	
			<u>0841</u>			
23	6140	0729	145 NO MESSAGE		OM live very weak	
		0930	806 7		OM live, "squeaky", very weak	
28	6140	0844	CARRIER ONLY		QRT 0848z	
		0926	CARRIER ONLY		QRT 0927z	
30	6140	0900	188 8156 5920 4575 1128 4916 7099		OM very weak	
		1005	CARRIER ONLY		QRT 1006z	
		1016	CARRIER ONLY		Brief	
31	9450	1100	830 2		IO, repeated, fast forwards	
			837 1			
		1142	780 9390 4090 <u>8610</u> 2726 7330 3796 3057 0460 <u>8610</u>		Tone, OM live	
			785 59			

August

1	6140	0848			Music (not oriental), Win98 startup sound	
		0919			Tone only	
		0921	672 7122 6064 4155 6441 1648 7678 0291 2540 2282 1581		Tone, OM live	
			3481 7327			
	9450	1127	780 (as of 31/07)		Tone, OM live	
			442 8			
			449 7			
2	6140	0728	140 2833 <u>8901</u> 3804 7050 8183 0754 8095 0407 1696 9549		OM live, weak, QRT during msg at 0733z, msg logged on 05/08	
		0931	6215 4314 2957 1151 <u>8901</u>		OM live under "Informatik Radio", weak, can't copy	
			... 2540 2?8? ...			
	9450	1015	??? ?201 0871 9234 9210 46?? 0558 3?60 925? ????		Weak with QSB	Richard
		1151	780 NO MESSAGE		OM live	
			785 10 83			
3	6140	0714	185 6997 5151 0507 9427 6058 3917 2369 6739 4549		OM live, "squeaky"	
		0924	205 2405 0577 4108 5238 8467 4558 3654 9360 3875 0164		OM live, then another OM?	
			6328 3875 1056			
	9450	1140	780 9379 5051 <u>3110</u> 0546 7310 5969 9343 9346 4817 9446		Hum, tone, OM live	PLondon [weak QRM2 QSB2]
			8803 9835 4950 7963			
			785 (as of 02/08)			
		1151	277 13		Hum, tone, OM live, ended with mic taps	
4	6140	0714	185 (as of 03/08)		OM live, switchover	
		0927	205 5174 3767 9834 7536 7445 7262 4295		OM live, weak, QRN, switchover	
5	6140	0729	140 (as of 02/08)		OM live, switchover during call, switchover again for the msg, QRT during 10 th grp of repeat	
		0744	169 CALL ONLY		OM live, weak, QRT at 0745z DURING CALL	
		0749	169 2144 3401 1958 5992 6019 8442 2923 8755 8467 3467		OM live, weak, switchover	
			3290 2830			
		0929	205 (as of 04/08)		OM live, weak, switchover	
6	6140	0739	185 7999 0961 1338 9412 5115 8362 1754 0881 7782 3815		"Squeaky" tone, OM live	
			7555 9521 2402			
		0751	140 (as of 02/08)		"Squeaky" tone, OM live, switchover, difficult to copy (problematic tape?)	
		0833	169 (as of 05/08)		OM live, difficult copy, switchover	
		0930	205 2339 2577 5298 3173 9908 0703 5435 9717 6072 8972		"Squeaky" tone, OM live under tone, weak, better during repeat	
			8527 2701 8286			
7	6140	0716	185 (as of 06/08)		OM live	

		0831	135	24	87				OM live, weak & noisy	
		0931	205		(as of 06/08)				OM live	
8	6140	0905	350	11135	<u>7210</u>	4021	0480 5974 8447 6763 8578 5855 6069		IO, mYL, good audio	
				9341	<u>7210</u>					
		0939	675	53	54				Tone, mYL, machine problems	
		0954	126	20					Tone, mYL, machine problems	
	9450	1014	215	1282	<u>4410</u>	1250 2281 5480 8224 7757 0542 <u>4410</u>			Tone, slight QRM from WYFR	Bob
		1102	830	4					IO, repeated, low audio	
			837	1	3				Ended "8... 8... EOT"	
9	6140	0815	169	3144	1760 5070 7475 1308 4362 7902 2987 2690 2290				Tone, mYL in AM while OM live calling in USB, much weaker!	
				2719	1805 5519 1226 2734 9534				Win98 "dings", tone, IO, machine problems	
		0902	355	3					Tone, mYL having problems	
10	6140	0912	570	NO	COPY				OM live, weak, switchover	
		0719	185	8999	7311 9222 4639 3817 1931 9301 2702 2368 6463				Carrier off-freq, "squeaky" tone, OM live, weak	
		0828	188	NO	COPY				Tone, off-freq, OM live, "squeaky"	
				0858	575	51			"Squeaky" tone, OM live, switchover	
		0928	205	5442	3577 6859 1019 5446 9883 0443 9873 9500 6737					
				8657	3419 0035 1480 7579 1536 1331					
				1013	880	NO	COPY		"Squeaky" tone weak, OM live	
11	6140	0709	185	(as of 10/08)					Tone, mYL	
		0722	701	4511	<u>9231</u>	1321	5699 2705 3094 5939 0177 0719 8091		Tone, mYL	
							3667 <u>9231</u>			
		0822	133	7913	8640 7342 7228 9823 6830 4356 8536 4211 7322				Tone, mYL	
				8099						
		0928	674	8122	9077 9086 9243 5435 2570 1999 0123				OM live	
		1014	440	NO	COPY				OM live, QRT during call then back into msg	
12	6140	0700	187	78					AM, tone, S9 peaks +10dB, mYL Mx3 then QRT	
				0711	187	78			AM, tone, mYL, AGAIN!	
		0730	702	11					OM live, weak & noisy	
				140	7233 <u>9280</u>	4274 3288 2160 <u>9280</u>				
				1003	675	55			"Squeaky" tone, off-freq, OM live	
				1037	887	2			OM live, weak, "squeaky"	
	9450	1145	449	2					OM live, BC QRM	
				442	10					
13	6140	0731	140	(as of 12/08)					Carrier breaks, mYL, AM	
15	6140	0743	804	3688	<u>5280</u>	1690 5314 6179 8030 0896 5056 6434 0793			AM, tone, S9, mYL QSB S5	
				2701	<u>5280</u>	1931				
		0944	128	6866	0311	<u>6420</u>	2440 8388 0452 2417 1992 0361 8855		Carrier off-freq, tone, mYL	
				<u>6420</u>						
16	6140	0659	116	2981	4833 9520 5948 8822 6226 5507 9061 1331 5938				OM live, i.p., QRN	
				7891	5287 8989					
		0744	804	(as of 15/08)					OM live, "squeaky", weak, QRN	
	9450	1157	277	15					OM live, BC QRM	
				270	14					
17	6140	0700	012	8900	4630 0812 7930 5963 5232 3075 9337 0539				AM, S9 peaks +10dB QSB S6, mYL	
				117	7				"1...1...1..." then Mx3	
	6140	0828	133	0753	7598 1561 9015 0874 7811 4066 2048 3353 1763				AM, tone, S9 peaks, mYL	
				9884	2055 2432 5368 9099					
	6140	0950	126	21					OM live, USB S1-3 peaks S4-5, switchover	
18	6140	0658	012	NO	MESSAGE				AM S9 peaks +10dB, mYL calling "012, Mx2" then break	
				360	3290 <u>3121</u>	6690 4386 6137 8007 6897 <u>3121</u>	5400		"360" rptd at 0706z, Win98 "dings"	
		0757	804	NO	COPY				OM live, "squeaky", USB, weak, lost during msg	
				0830	133	(as of 17/08)			OM live, USB, "squeaky", weak <S1, lost repeat due to QRN	
	9450	1109	830	5					Carrier off-freq, break, BC QRM, OM live	
19	6140	0700	364	5					OM live, USB, weak <S1, "squeaky"	
		0744	806	7					OM live, weak	
		0829	135	28					OM live, weak, "squeaky"	
	9450	1115	830	6					USB, OM live, switchover, peaks S5, BC QRM	
20	6140	0656		TONE	ONLY				AM, +10dB tone i.p. QRT at 0658z	
		0659	012	9910	1320 7509 1286 2408 0840 2292 3893 8948 9615				OM live, USB, weak, switchover	
				0570	8702 3214 8896 0827 8488					
		0930	205	9575	4521 9464 3764 9047 0100 0198 4183 8411 8151				OM live, USB, weak <S1, QRN	
				4142	7912 5434					
21	6140	0757	012	(as of 20/08)					AM, tone, S9, break	
	9450	1202		CARRIER	ONLY				QRT 1205z	
		1217	835	5041	<u>8310</u>	1087 3548 9961 0436 1674 0337 8586 9632			AM, IO S9 peaks +10dB, mYL	
				6848	1015 <u>8310</u>	7371				
22	9450	1110	315	2382	435? 2261 2670 9496 9124 19?2 241? 8270 6482				Tone, QRM3, QSB2	PLondon
				5623	3265 2?78 4320 4792					
		1214	835	5041	8310 1087 3548 9461 0436 1534 ?33? 8586 9632				Tone, music, weak QSB2	PLondon
				6848	1015 ?310 7371					

1233 555 2314 3111 2120 3532 9426 3215 2915 2509 3276 2897 Music, strong, QSB2
2120

PLondon

[Rest of August: next NL!]

Credits: Bob (Germany), PLondon, and Richard.

G06 [IA] H-FD's G06 Chart can be seen in the Chart Section of this Newsletter

Only two schedules, unless anyone knows otherwise!, the second and fourth Thursdays in the month at 1830 UTC and on the following day, i.e. Friday, at 1930 UTC. And some strange behaviour, as we shall see:-

Second and Fourth Thursdays in the Month 1830 UTC Schedule:-

9-July-09:- 6,887 kHz well, here's a funny thing; came up not with the expected German YL voice but instead spoke to us in English with the E06 OM. First time this has happened, I think! Called "842", DK/GC "291 291 15 15". Weak signal, difficult copy at times. So is there a clue as to how Ivan does his number station magic here, then? Are the 5Fs typed into a computer and then the user is prompted to "select language, Russian, English or German", and then someone clicked on the wrong one - and dozed off?

23-July-09:- 6,887 kHz, well they got it right this evening, came up in the German language, call "842", DK/GC "291 291 15 15" - same as last time, same 5Fs but in German.

13-Aug-09:- 6,887 kHz, started about 35 seconds before the half-hour, calling "842" for a full message, DK/GC "138 138 15 15". Delivery much more rapid than is usual but the pitch of the YL voice as normal so nothing as crude and as primitive as a tape recording running fast! All done by 1835 and 35 seconds UTC, ending with the usual DKDK GCGC and 5 x "Null". "45364 47584 56473 45908 85764 76850 85621 57648 85768 98675 76859 86759 76859 03456 75849". Interesting that in this very short message, two of the 5F groups - No. 11 and No 13 - were the same.

Friday 1930 UTC Schedule:-

10-July-09:- 5,943 kHz, calling "218", DK/GC "291 291 15 15", 5Fs as yesterday's 1830z transmission - but in German, not English!

24-July-09:- 5,943 kHz, "218" and "291 291 15 15", BC QRM from S9+ broadcaster on 5,940 removed by using receiver in USB mode identified later as the English language transmission of the Voice of the Islamic Republic of Iran.

14-Aug-09:- 5,946 kHz, a bit further away from the broadcast station on 5,940. Call "218", DK/GC "138 138 15 15", same as yesterday's 1830z sending but not the same 5F groups, see above, which this evening were, "12435 56372 45639 64736 75849 09875 64758 87564 75847 75849 74637 09836 74839 87504 98574". Again, two of the 5F groups were the same, No. 5 and No 10 this time, "75849", and this was also 5F group No. 15 of yesterday's message. Started a few seconds after the half-hour and had the same rapid delivery as yesterday's transmission.

July 2009

5943kHz 1930z 10/07[218 + msg] Strong Poacher FRI

Expected G06 6887kHz Thursday 09/07 produced an E06 as:

6887kHz 1830z 09/07[842 291 15 76804 ... 34187 291 15 0 0 0 0] 1839z Slo Strong QRM2 PLdn THU

842 [R4m] 291 291 15 15
78604 44562 43901 56478 22354
86734 45692 67659 33496 45476
56437 56703 45478 45603 34187
291 291 15 15 0 0 0 0 [slo]
8m44s duration

6887kHz 1830z 23/07[842 291 15 76804 ... 34187 291 15 0 0 0 0] 1839z Slo Strong PLdn THU

August 2009

5943kHz 1930z 28/08[842 138 15 45364 ... 75849 138 15 0 0 0 0] 1937z Strong BC QRM2 (Vo Iran 5940kHz) PLdn FRI

5947kHz 1930z 14/08 AF FRI

6887kHz 1830z 13/08[842 138 17 57364] AF THU
1822z 27/08[842] just repeated until 1823z Strong PLdn THU
1829z 27/08[842 138 15 45364 ... 75849 138 15 0 0 0 0] 1840z Strong local QRM2 PLdn, AF THU

G11 [III]

July 2009:

5149kHz 0535z 27/07[475/00] Peter Poelstra MON

August 2009:

5149kHz 0535z 17/08[275/00] Good, Out 0538z RRGB MON
0535z 24/08[276/38 47889 29421 11599 03586 58757 91110 40573 89473
88315 13932 27121 58784 06004 57015 25850 24950 51132
94131 94010 19352 61150 01203 09566 25690 94742 74377
57001 73762 70894 18919 86862 16292 11344 73503 19852
00965 56256 68587 Ende] Fair signal with jet QRM RRGB, Guy MON
0535z 31/08[275/00] PLdn, Guy MON*

*An error crept in when this log was used elsewhere and reads correctly here. [0535 instead of 0520z]

SLAVIC STATIONS

S06 [IA]

Logs from RNGB:

S06 (slow ending, YL)

July log:

Monday

6th, 13th	1200/1210	10230/12165	'831' 462 5 08456 58372 43786 14425 58189
27th			'831' 246 5 45684 61746 64165 24244 21917
27th	1600/1610	9256/7889	'176' 283 5 33511 53375 56455 55525 45998

Tuesday

7th, 14th	0600/0610	16735/15230	'438' 261 5 62597 85366 28139 88436 91326
21st			'438' 267 5 54945 21408 51223 44535 52577
7th, 14th	0700/0715	5430/6780	'374' 862 5 01912 80546 72244 75451 15851
21st			'374' 291 5 26247 06044 54843 23462 57435
7th, 14th	0800/0810	14373/12935	'352' 870 6 01593 34430 93535 79090 80639 43654
21st			'352' 891 6 57346 34254 24554 53388 55241 55503
7th, 14th	0800/0810	7245/9670	'418' 962 5 40260 64944 84273 23762 12197
21st			'418' 536 7 53466 55115 75434 26451 17225 67845 53464
7th, 14th	1230/1240	7650/?	'278' 931 5 07336 84564 46223 88841 16156
28th			'278' 950 6 78581 84529 00325 01263 81958 20579
7th, 14th	1500/1510	6666/7744	'537' 849 6 94289 15244 21541 56567 48850 68867

Wednesday

8th	0530/0540	11435/12650	'153' 246 7 67543 90867 45321 45321 76764 90963 22188
15th, 22nd			'153' 287 6 43102 32412 67430 56438 00213 67299
29th			'153' 00000
1st, 8th	0730/0740	7335/11830	'745' 981 6 95862 85529 65255 43752 07003 45530
15th			'745' 829 6 31141 25755 76965 89928 46855 43884
29th		? / 9640	'745' 00000
1st, 8th	0820/0830	6755/5835	'471' 523 (rest too weak to copy)
1st, 8th	0840/0850	10120/9670	'328' 406 5 56249 95585 10955 58488 45244
15th			'328' 501 6 89179 84453 94452 65275 87167 26560
29th			'328' 00000
1st, 8th	1000/1010	14580/16020	'729' 408 5 75871 96725 69708 64565 85402
15th			'729' 843 5 33825 31343 67592 56568 45817
29th			'729' 00000
1st, 8th	1200/1210	7765/6815	'481' 527 6 44554 35463 02625 4?722 07364 08585
1st	1900/1910	10170/9110	'371' 504 6 89603 37714 24645 36871 55479 36250
15th			'371' 962 5 42765 74475 34317 55457 27885
29th			'371' 00000

Thursday

2nd	E17z	0800/0810	16780/12850	'674' 902 5 84879 25770 07693 67418 69452
16th, 23rd	E17z			'674' 803 5 55571 75453 45413 85208 50547
30th	E17z			'674' 00000
2nd		0900/0910	12110/13790	'167' 903 5 87349 51172 21870 19367 93483
16th				'167' 240 5 50164 88350 74135 62405 95231
16th		1000/1010	10175/12215	'895' 417 6 53354 44554 41437 67858 93449 24745
2nd		1200/1210	10410/9690	'425' 907 6 73651 33458 48743 54640 05003 30606
16th				'425' 837 6 35695 59445 65962 20500 61658 45463
16th		1230/1240	9255/7630	'314' 502 6 55242 35622 44246 11213 44934 45235

Friday

3rd		0600/0610	7845/9125	'196' 840 5 95113 85205 37246 68898 97016
24th				'196' 407 5 51285 55533 71559 56758 59339
3rd		0600/0610	8340/5310	'934' 570 6 56131 44587 22512 22639 98912 37557
24th				'934' 871 5 65222 63569 57184 45203 05472
3rd		0930/0940	10290/9655	'516' 839 7 33452 55541 75179 47170 91875 54144 75287
24th				'516' 208 7 57654 85755 54347 83611 47505 23374 45145
31st				'516' 00000

All these stations are now giving 2 messages a month. The first message in week 1 and repeated in week 2, and the second message in week 3 and repeated in week 4

Any schedules falling within the 5th week of the month generate a null (00000)

S06 (fast ending, OM)

July log:

Weds 1st	1800	6770	'471' 00000
	2000	6923	'969' 805 116 57913 etc (repeat of previous Saturday)
Thurs 2nd	1905	6782	'407' 00000
Sat 4th	1605	6782	'969' 805 116 57913 38919 22613 01313 etc
	1935	5213	'274' 00000

Mon 6th	1900	7637	'407' 00000
Weds 8th	1800	6770	'471' 00000
Thurs 9th	1900	7637	'407' 00000
Weds 15th	1805	5870	'471' 00000
Sat 18th	1930	5864	'274' 00000
Mon 20th	1900	7637	'407' 00000
Weds 22nd	1805	5856	'471' 00000
Thurs 23rd	1905	6782	'407' 00000
Mon 27th	1905	6782	'407' 00000
	2015	12210	'346' 00000
	2115	10425	'346' 00000
Weds 29th	1805	5865	'471' 00000
Thurs 30th	1905	6782	'407' 00000

Only one message heard all month, with only a handful of schedules running now.

S06c

Sat 18th 1100 12063 '11007' (Tks Peter)

S06 August:

5835kHz 0830z	26/08[471 860 5 55147]	FN	WED
6755kHz 0820z	26/08[471 860 5 55147]	FN	WED
6782kHz 1900z	13/08[407 00000] +20db OM	Mndbs	THU
6815kHz 1210z	26/08[481 970 5 55367]	FN	WED
7335kHz 0730z	26/08 n.h., QRM BC RTT Tunis	FN	WED
7545kHz 1230z	26/08[967 810 5 42755]	FN	WED
7765kHz 1200z	26/08[481 970 5 55367]	FN	WED
8220kHz 1240z	26/08[967 810 5 42755, then high pitched tone and OM reading "one one one", EOT]	FN	WED
9110kHz 1910z	26/08[371 960 5 43175]	FN	WED
9670kHz 0850z	26/08[328 940 5 31555]	FN	WED
10120kHz 0840z	26/08 [328 940 5 31555]	FN	WED
10170kHz 1900z	26/08[371 960 5 43175]	FN	WED
14580kHz 1000z	26/08[729 830 5 06955]	FN	WED
16020kHz 1010z	26/8[729 830 5 06955]	FN	WED

S06 (slow ending, YL)

Messages continue to change every 2 weeks, nulls sent if there is a 5th week. A couple of changes in frequency this month.

The long running ID 745 on Weds at 0730/40 has changed to 8760/ 9640kHz but 8760 not heard in use for last 2 weeks of the month. So it may have moved yet again? The Thurs ID 425 has moved to 10380/11480kHz.

August log:

Monday

3rd & 10th	1200/10	10230/12165	'831' ?
17th & 24th			'831' 206 5 75244 54551 02944 28855 75441
3rd & 10th	1600/10	9256/7889	'176' 280 5 67565 75154 33514 54820 59682
17th & 24th			'176' 403 5 84397 82934 25943 20520 98569
31st			'176' 00000

Tuesday

4th & 11th	0600/10	16735/15230	'438' 215 6 91036 55152 54478 04571 57459 29516
18th & 25th			'438' 201 5 22560 01834 53177 60232 41358
4th & 11th	0700/15	5430/6780	'374' 890 5 56356 42126 66539 48579 05465
18th & 25th			'374' 208 5 21769 58020 54919 56488 81745

4th & 11th	0800/10	7245/9670	'418' 972 5 64754 11655 35325 40457 35556
18th & 25th			'418' 526 7 55887 51462 47603 45252 55299 14474 53408
4th & 11th	0800/10	14373/12935	'352' 987 6 63613 82205 59657 12552 73058 65646
18th & 25th			'352' 967 8 75433 58458 01811 55785 40745 20882 58540 50614
18th & 25th	1230/40	7650/?	'278' 506 9 43268 62912 26756 04447 34555 52459 49218 54559
		85532	
18th & 25th	1500/10	6666/7744	'537' 280 6 53910 24441 47885 07243 05948 45958

Wednesday

5th & 12th	0530/40	11435/12650	'153' 842 6 52243 55155 54765 92226 10175 44593
19th & 26th			'153' 408 6 05504 19785 45337 51525 ? ?
5th & 12th	0730/40	8760/9640	'745' 00000
19th & 26th			'745' 00000 (only heard on 9640kHz)
5th & 12th	0820/30	6755/5835	'471' (too weak to copy msg)
19th & 26th			'471' 860 5 55147 45445 16041 84468 72535
5th & 12th	0840/50	10120/9670	'328' 417 5 94156 48252 68569 49556 53946
19th & 26th			'328' 940 5 31555 86657 07348 63409 55762
5th & 12th	1000/10	14580/16020	'729' 418 5 58244 22444 08401 45554 56464
19th & 26th			'729' 830 5 06955 96451 55515 80284 95638
5th & 12th	1200/10	7765/6815	'481' 206 5 47585 27558 24824 ? 45358
19th & 26th			'481' 970 5 55367 45358 38564 63934 13563
5th & 12th	1230/40	7545/8220	'967' 840 5 18064 60734 45519 57545 63505
19th & 26th			'967' 810 5 42755 (rest not known)
5th & 12th	1900/10	10170/9110	'371' 205 6 93343 76978 07505 99455 14574 03025
19th & 26th			'371' 960 5 43175 68463 86527 10772 14067

Thursday

6th & 13th	0800/10	16780/12850	E17z '674' 825 9 32178 54235 56814 83214 46455 76951 45165 55014 25595
20th & 27th			E17z '674' 810 5 11922 18480 88664 43536 57529
6th & 13th	0900/10	12110/13790	'167' 284 5 65514 82587 68668 95746 18422
20th & 27th			'167' 829 5 42413 45465 43485 55651 94454
6th & 13th	1000/10	10175/12215	'895' 243 6 75425 51449 56888 02514 68455 85406
20th & 27th			'895' 247 6 54965 45055 51122 98224 88445 48490
6th & 13th	1200/10	10380/11480	'425' 00000
20th & 27th			'425' 00000
6th & 13th	1230/40	9255/7630	'314' 807 5 25?54 07570 30616 45674 64505

Friday

7th & 14th	0600/10	7845/9125	'196' 275 8 55156 24455 57155 04532 42504 27595 45745 32851
21st & 28th			'196' 824 5 79556 47824 65249 11459 45526
7th & 14th	0600/10	8340/5810	'934' 8 groups (too weak to copy)
21st & 28th			'934' 825 6 50841 17358 45175 51874 42556 45586
7th & 14th	0930/40	10290/9655	'516' 432 7 22808 86507 29252 71801 12800 64912 65177
21st & 28th			'516' 207 8 38851 06748 47415 73533 94355 55814 57224 95772

S06 (fast ending, OM)

August log:

Sat 1st	1605	6782	'969' 00000
	1900	5864	'274' 00000
Mon 3rd	1905	6782	'407' 00000
Thurs 6th	1900	7637	'407' 00000
Sat 8th	1605	6782	'969' 00000
	1930	5864	'274' 00000
Mon 10th	2105	10380	'723' 00000
	2115	8115	'723' 00000
Thurs 13th 1905		6782	'407' 00000
Sat 15th	1605	6782	'969' 00000
	1935	5213	'274' 00000
Weds 19th 1800		6770	'471' 00000
Mon 24th	1905	6782	'407' 00000
Weds 26th 1805		5870	'471' 00000

As you can see. Not a single message heard all month !

PoSW's S06 logs:

Saturday 1600 or 1605 UTC Schedule:-

27-June-09:- 1605 UTC, 6,782 kHz, calling "969" for a full message. Something of a novelty for this schedule because the last such transmission I heard was on 27-December-08, so 6 months ago. DK/GC "805 805 116 116". "XJT" churning away on the frequency, was quite weak at first causing no problems but became much stronger after a few minutes obscuring S06 at times. Carrier was up on 6,782 when checked at 1546z, tone at 1553z and single spoken "Deviet shesht deviet" shortly after, the usual pre-transmission warm-up routine.

4-July-09:- 1605 UTC, 6,782 kHz, "969" and "805 805 116 116", as last week. Weak signal *but* no XJT! The frequency was completely quiet so S06 was clear copy.

11-July-09:- 1605 UTC, 6,782 kHz, "969" and "805 805 116 116", no change, over-riding a weak "XJT".

18-July-09:- 1605 UTC, 6,782 kHz, difficult to hear due to S9+ "XJT" roaring away, S06 OM rose up out of the racket around 1614z with 5F groups so probably the same message as for the past few weeks.

25-July-09:- 1605 UTC, 6,782 kHz, calling "969" and still the same "805 805 116 116" message. Signal strength S5 at best but the "XJT" which lives very close to this frequency was much weaker than last time. The interesting point about this transmission was that the carrier was much reduced, - the usual mode of transmission is upper side band with full carrier, or amplitude modulation with the lower side band fully suppressed, whichever way you want to look at it - the receiver needed to be in upper side band mode to hear the 5fs clearly: not quite fully suppressed though, a faint heterodyne heard on tuning the receiver LF.

1-Aug-09:- 1605 UTC, 6,782 kHz, the "XJT" back to S9 plus many dB, old man, S06 heard clearly for a few seconds with "969 969 969 00000", so the full message of the past month or more has come to an end.

8-Aug-09:- 1605 UTC, 6,782 kHz, "969 969 969 00000", much better signal than last time, over-riding the "XJT", good copy.

15-Aug-09:- 1605 UTC - or rather 1604 and about 30 seconds UTC because it started early according to my MSF controlled clock by around half a minute, most unusual! - 6,782 kHz, "969 969 969 00000", strength S5 but not a trace of the chugging, roaring "XJT" which often spoils things on this frequency.

Saturday 1930 or 1935 UTC Schedule:-

27-June-09:- 1930 UTC, 5,864 kHz, "274 274 274 00000". Weak signal, noisy frequency, copied best with receiver in USB mode.

4-July-09:- 1935 UTC, 5,213 kHz - the alternative time and frequency, then. "274 274 274 00000". Strong "XJT" on a close frequency - wouldn't you know it - removed by using the receiver in USB mode. Was heard on this frequency on one occasion in June, 5,213 checked after nothing heard on 5,864 on the half-hour; was in "concealment" mode i.e. short bursts of carrier a few times a minute until start up at 1935z

18-July-09:- 1930 UTC, 5,864 kHz, "274 274 274 00000", weak signal, noisy frequency, only readable with receiver in USB mode to make use of the 2.5 kHz filter.

1-Aug-09:- 1930 UTC, still on 5,864 kHz, "274 274 274 00000". Noisy frequency but S06 somewhat stronger than usual. Carrier with tone up just before 1913z, single "274" after 1916z then into "concealment" mode until the half-hour. Started *exactly* at 1930z according to my MSF clock, that 4-second delay which was a feature of most S06 and E06 transmissions for a long time has now been sorted!

15-Aug-09:- 1935 UTC, 5,213 kHz, the alternative start-up time and frequency, last heard on 4-July, carrier with tone found on 5,231 at 1921 UTC when no pre-transmission activity observed on 5,864. Single "Dva syem cheteria" at 1922:45 seconds UTC and then into "concealment" mode until start-up at exactly 1935 UTC with "274 274 274 00000".

Wednesday 2000 or 2005 UTC Schedule - this is a repeat of the Saturday 1600/1605 UTC sending right down to the 3-figure call; no doubt this has been around for as long as the Saturday transmission but I have only become aware of it in the past few weeks, mainly because there is an E07 transmission on at this time, and until a couple of months ago there were *two* E07s at 2000z on a Wednesday!

1-July-09:- 2006 UTC, 6,923 kHz, S06 in progress with a full message, ended before 2024 UTC with "805 805 116 116 00000", same DK/GC as the Saturday 27-June 1605z.

8-July-09:- 2005 UTC, 5,787 kHz, alternative time and frequency, call "969", DK/GC "805 805 116 116".

15-July-09:- 2005 UTC, 5,787 kHz, "969" and "805 805 116 116", very strong signal.

23-July-09:- 2005 UTC, 5,787 kHz, "969" and "805 805 116 116", not as strong as last time, S6 to S7.

29-July-09:- 2005 UTC, 5,787 kHz, still "969" and "805 805 116 116", S9+ signal.

Unable to find this schedule on Wednesday 5-Aug-09 at 2005 or at 2000 UTC on the expected frequencies, or anywhere else. The Saturday 1605 UTC sending was a "no message" transmission, the first for several weeks so does the Wednesday repeat only appear in the event of a "full message"?

Monday 1900 UTC or 1905 UTC Schedule :-

20-July-09:- 1900 UTC, 7,637 kHz, "407 407 407 00000", S9+ signal. Heard on this same frequency several times in May and June. Started within a second of 1900z.

27-July-09:- 1905 UTC, 6,782 kHz, "407 407 407 00000". The alternative time and frequency, S9+, very strong. No sign of pre-transmission carriers on 7,637 but a perusal of E2K53 revealed a report by RNGB of 6,782 at 1905z. Was in "concealment" mode when checked just after 1900z. Same frequency as the Saturday 1605z transmission but no sign of that "XJT".

3-Aug-09:- 1905 UTC, 6,782 kHz, "407 407 407 00000", S9, carrier with tone up 1854z, single "407" 1856z then into "concealment" mode.

10-Aug-09:- 1905 UTC, 6,782 kHz, "407 407 407 00000", S6 to S7, weaker than on previous Mondays, no "XJT" roaring away, though.

17-Aug-09:- 1905 UTC, 6,782 kHz, "407 407 407 00000", very strong, S9+ signal this evening.

Second + Fourth Mondays in the Month 2015 UTC + 2115 UTC Schedule:-

13-July-09:- 2015 UTC, 12,210 kHz, "346 346 346 00000".

2115 UTC, 10,425 kHz, second sending, same frequencies as in July last year.

27-July-09:- 2015 UTC, 12,210 kHz and 2115 UTC, 10,425 kHz, "346 346 346 00000". Both transmissions S9 to S9+ signals.

10-Aug-09:- 2015 UTC, 10,380 kHz, "723 723 723 00000". Strength up up S7 with deep QSB.

2115 UTC, 8,115 kHz, second sending, stronger signal, peaking S9. Same frequencies as in August last year.

S06 August logs from AF[East Germany] in date order:

2009-08-04	08:00	00:00	7245	usb	s06	AF	Eastern Germany YL 418
2009-08-10	20:15	00:00	10380	usb	s06	AF	Eastern Germany OM 723 00000
2009-08-10	21:15	00:00	8115	usb	s06	AF	Eastern Germany OM 723 00000
2009-08-11	08:00	00:00	7245	usb	s06	AF	Eastern Germany YL 418
2009-08-18	08:00	00:00	7245	usb	s06	AF	Eastern Germany YL 418
2009-08-21	06:00	00:00	8340	usb	s06	AF	Eastern Germany YL 934
2009-08-21	06:10	00:00	9125	usb	s06	AF	Eastern Germany YL 196
2009-08-24	20:15	00:00	10380	usb	s06	AF	Eastern Germany OM 723 0000
2009-08-24	21:15	00:00	8115	usb	s06	AF	Eastern Germany OM 723 0000
2009-08-25	08:00	00:00	7245	usb	s06	AF	Eastern Germany YL 352 and 418 at the same time!
2009-08-28	06:00	00:00	8340	usb	s06	AF	Eastern Germany YL 934
2009-08-28	06:10	00:00	9125	usb	s06	AF	Eastern Germany YL 196

S11a [III]

S11a (Cherta)

July 2009:

4840kHz	0905z	13/07	[in progress] very weak	RNGB	MON
7439kHz	0900z	13/07	[976/00]	RNGB, Bob	MON
	0900z	20/07	[976/00]	Guy	MON
	0900z	27/07	[976/00]	Guy	MON
7984kHz	1000z	02/07	[976/00] FINIT 1003z Fair QSB2	PLondon	THU
	1000z	16/07	[976/00] FINIT 0903z Weak	PLondon	THU
	1000z	23/07	[976/00] Good	RNGB, PLondon	THU

S11a (Cherta)

August 2009:

4638kHz	0345z	28/08	[426/00]	Peter Poelstra	FRI
16132kHz	1000z	27/08	[475/00] Fair with QSB	RNGB	THU

S21

4973kHz	1742z	04/08	[973]	AF	TUE
	1742z	11/08	[973]	AF	TUE
	1742z	18/08	[973]	AF	TUE
	1742z	25/08	[973]	AF	TUE
5373kHz	1746z	06/08		AF	THU
	1746z	13/08		AF	THU
	1746z	20/08		AF	THU
	1746z	27/08		AF	THU

S25 [IA]

Nil Reports

S28 [IC]

4625kHz	2322z	27/07	Buzzer with a fair signal for a change S9..9+30 above a S 7..9 noise carpet	DanielE2Kde	MON
---------	-------	-------	---	-------------	-----

S30 [IXC]

Nil Reports

S32[O]

Nil Reports

V02a [XVIII]

It would appear that propagational disturbance has affected the number of intercepts being made of V02a [info from dj and comment kk]:

July 2009

4174kHz	0300z	06/07	[A54521 61141 17351]	dj	MON
5117kHz	0400z	13/07	[A63112 52151 37642]	dj	MON
5417kHz	0200z	17/07	[A78281 61631 77271]	dj	FRI
5763kHz	0200z	04/07	[A81712 02671 74051]	dj	SAT

5883kHz	0700z	05/07[A..... 51422 up from 0709z-0724z, then cut off and started SK01 acty]			
	0700z	07/07[A51512 76632 70102]			
	0700z	10/07[A27261 70301 27312]			
	0700z	14/07[A45151 76452 713.2 Very weak. IDs questionable]			
	0700z	16/07[A36412 33662 38002] dj THU			
	0700z	18/07[A unusually weak reception. not copiable]			
	0700z	23/07[A47872 38412 30582]			
	0700z	24/07[A76622 64351 50161]			
	0700z	25/07[A80351 76081 38822]			
	0700z	26/07[A62511 10102 73122]			
	0700z	27/07[A51061 08821 56061]			
	0700z	28/07[A40751 78722 41662]			
5898kHz	0800z	03/07[A78731 05242 51332]			
	0800z	04/07[A86301 23232 73182]			
	0800z	07/07[A26452 70361 10781]			
	0800z	14/07[A62621 28101 11012]			
	0800z	18/07[A70581 62141 73712 strong clear signal]			
	0800z	19/07[A33231 55582 16712]			
	0800z	20/07[A00471 10512 88332]			
	0800z	21/07[A16641 68752 02781]			
	0800z	23/07[A47872 38412 30582]			
	0800z	24/07[A10482 26841 55321]			
	0800z	26/07[A62511 10102 73122]			
	0800z	28/07[A40751 78722 41662]			
6768kHz	0100z	18/07[A86882 22421 1.242]			
	0400z	20/07[A44122 28352 15431]			
	0100z	25/07[A14286 72188 48863 weak]			
	0400z	27/07[A20531 77421 06151]			
6933kHz	0700z	26/07[A84642 42561 36102]			
7887kHz	2007z	09/07 [in prog, QRN msg unintelligible]			
9040kHz	0900z	08/07[A76082 76732 82281]			
9063kHz	0900z	15/07[A85071 48482 58162]			
	0800z	22/07[A88882 52521 31452]			
9153kHz	0700z	10/07[A27261 70301 27312]			
	0700z	22/07[A88882 52521 31452]			
9240kHz	1000z	08/07[A76082 76732 82281]			
	1000z	18/07[A06642 08452 41671]			
13380kHz	2015z	09/07[V02a simulcast, in progress. Weak signal, most of message unintelligible prpghtn issues too]			
August 2009					
4028kHz	0100z	28/08[A52111 23552 68282]			
5117kHz	0400z	03/08[A75482 30321 58631]			
5417kHz	0209z	21/08 msg already in progress			
	0200z	28/08[A52111 23552 68282]			
5762kHz	0200z	08/08[A75881 18741 76872]			
	0200z	15/08[A71661 16871 80261]			
	0200z	22/08[A?4781 51282 85802] QRM QRN Signal distorted. [USB] False start at 0156z with "1111"			
5883kHz	0700z	02/08[A61102 57002 00611]			
	0700z	06/06[A42001 81301 75751 stops abruptly at 0730z and starts passing RDFT files]			
	0700z	08/08[A81282 18071 86551 very high noise level]			
	0700z	09/08[A60612 54161 21101]			
	0700z	10/08[A82731 16242 24442]			
	0700z	11/08[A14771 55871 13712]			
	0700z	13/08[64011 38642 48421]			
	0700z	14/08[A87631 86622 47532]			
	0700z	16/08 Carrier went up shortly before 0700 staying 'till around 0755z - no content			
	0700z	20/08[A38252 70862 74252]			
	0700z	21/08[A51372 01461 38251]			
	0700z	23/08[A83351 24241 61841]			
	0700z	24/08[A05422 55362 37511]			
	0700z	25/08[A85051 14472 46332]			
	0708z	28/08[i/p]			
	0700z	29/08[A71022 23081 50681]			

V07 [IB]

Freq list vs month from AnonUK:

January	0600 10879	0620 12179	0640 13479 814
February	0600 13366	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
Sept	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 [Tnx AnonUK]

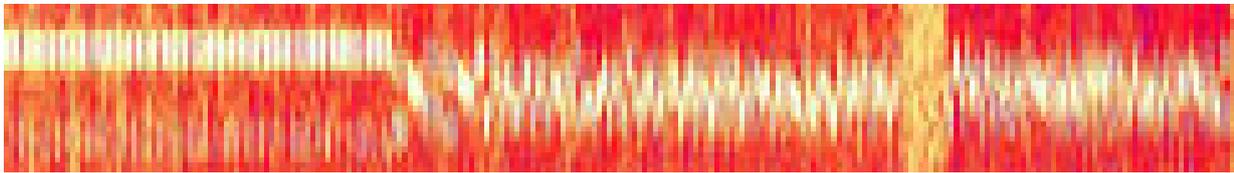
V13 [O] Nil Reports

V21 [O] Babblers

V24 [O]

6730kHz 1445z 06/07 Msg sent, strong signal! Poacher MON

POLYTONES: XPA logs has moved to Charts section.



As stated later the sending failed during the 0620z slot on 07/08. Interestingly the audio failed 322ms prior to total loss of signal. The sending recovered some 10s later.

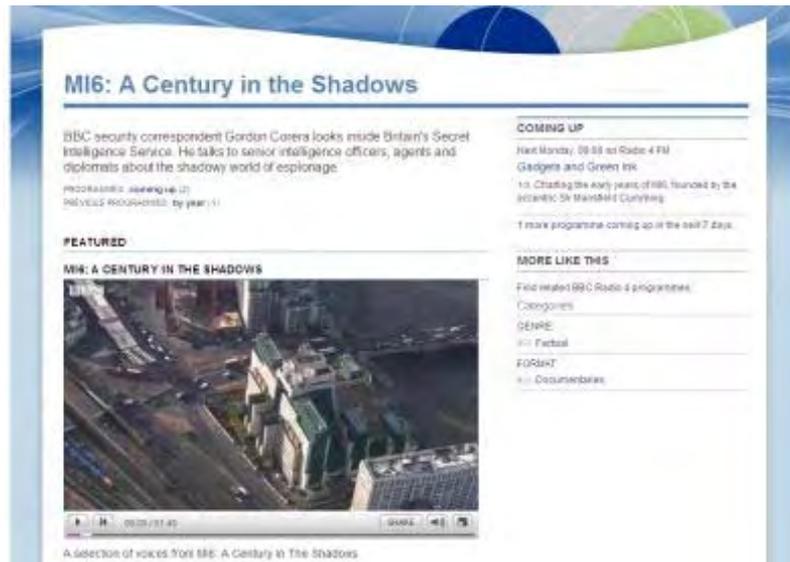
Thanks to all those who have sent in their XPA logs, hfd, JoA, PeterB, RNGB, Simon and DoK for special matters.

A two specials

MI6: A Century in the Shadows

Gordon Corera, BBC security correspondent Gordon Corera has been at it again as he looks inside Britain's Secret Intelligence Service. According to the advertisement on the BBC website he talks to senior intelligence officers, agents and diplomats about the shadowy world of espionage.

If you were to go to <http://www.bbc.co.uk/programmes/b00ls8ll> you might see the page as depicted below:



The moving imagery seems to be recent with its bus station and grotty ground, ending with some text that reads 'MI6: A Century in the Shadows BBC Radio 4 27 July 2009'

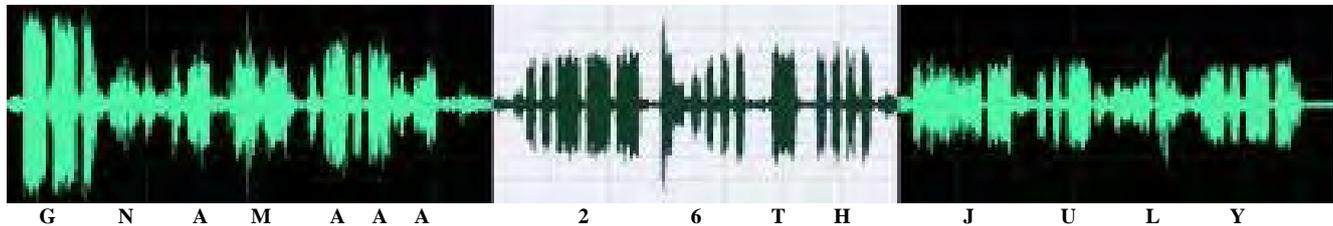
The visuals are accompanied by a soundtrack that boasts 'A selection of voices' from the programme and its interesting that as one listens there's some Morse rattling away at around 880Hz; just audible in places and just not audible in others but this is what it says:

COVER BLOWN MI6 + A CENTURY IN THE SHADOWS BBC RADIO 4 9AM. 26TH JULY, R4

Or, as read:

COVER BLOWN MI6 AR A CENTURY IN THE SHADOWS BBC RADIO 4 G NAM AAA 26TH JULY, R4

The date was checked – N is a cut number and I'm not sure of the 'G', the Morse being pretty dire at this point mixing with the voices across a bandwidth that spread approximately 300 to 3200Hz as can be seen in the plot below:



The way this has been sent one would have expected the CT character, or 'starting signal' to be used, along with the error sign before a date correction – but I'll bet they thought no one would bother to read..... You'll have to take my word about the Morse, some of it sounded better than it looked. I've written to the Radio Times about this terrible mistake but I doubt they'll consider the letter.

They have to put it out on 27th July though. Just when I'm on my hols and away with my wife. Hopefully my trusty DAB radio aka 'The Bug' will have committed it to the SD Card as an MP2 recording, or, my faithful Sony ICF-SW100e will have fired up the VoR facility on the recorder attached to it so that I can listen to it at a more convenient time. Wonder why this is sent in the middle of the holiday period though – limits the audience a little, don't you think? [Well the faithful bug did its business as did the ICF-SW100e and solid state recorder as supplied by MalcF. Those last two whilst in Gairloch].

Regarding the sending cock-up, outlined above, those of us who are currently, and perhaps presently reading, the Liz Carlyle series of MI5 thrillers from the hand of Dame Stella Rimington have to ask what on earth the scheming MI6 man, 'the tall, heron like figure' Geoffrey Fane with his 'chilly handshake' would have made of all this openness?

A really good set of books – good plots, doubtless based on something past with excellent tradecraft depicted, petty inter-service rivalries as well as throwbacks from the Cold War days. No number stations but a net based version.....I wonder?

Read on later in PoSW's excellent "Items of Interest in the Media"

'Michael John Smith. Codename Borg' a follow up.

A piece appeared in ENIGMA 2000 Newsletter Issue13 entitled 'Michael John Smith. Codename Borg,' written by the late Major F Dalby. As Mike Smith writes in his follow up the piece was compiled by Francis Dalby from available material in the public domain.

From my own conversations with Mr Smith it would appear there is something very wrong with his conviction as well as some of the evidence that was given against him.

The article in E2k 13 actually led to PLdn meeting Mr Smith and we get on fine as Mike more than adequately outlines his reasons for feeling his trial was not as it should be; interestingly he will deny that he actually spied for Russia.

There is a host of material available on Cryptome that will allow any interested reader to research the matter effectively and come to their own conclusion.

This is what Mike Smith wrote recently in answer to comment from another board user:

This article has been on The Internet for many years, but it does not contain any real details about what happened to me, and in fact was made up mainly from what had been published in newspaper articles at the time.

Several things are wrong with this article, for example "Major Dalby" said I lived in a semi-detached house in Burton Road - it was a detached house. The Yugoslav flat mate I shared with was named Vuk Nenadovic

There was no evidence presented at my trial that I had ever met Viktor Oshchenko. In fact Stella Rimington confirmed on oath that MI5 had no evidence, and so it was highly debatable as to why this point was put to the jury.

I rarely read the Daily Telegraph, but I did subscribe to the Guardian newspaper on a daily basis for a number of years.

There was no evidence produced that I had passed any information about my work at EMI Electronics to the KGB, and this was not a part of my trial in 1993. The CPS agreed that there was no evidence to mount a prosecution about that allegation.

My holiday to the USSR in 1975 was part of a tour group with about 30 other people. We went around together and I certainly never met any KGB people to negotiate anything with them. Again no evidence was produced to support such a claim.

My trip to Oporto Portugal, in 1977, was a totally innocent holiday with a friend, which was used by the CPS to argue that I had been sent to Portugal - because both Oleg Gordievsky and Stella Rimington claimed that Portugal was used to train KGB agents. In 1999 the source of this story was revealed to be from Mitrokhin, who had claimed that I had been sent to Lisbon in 1979 on a training mission. Not only were the place and time completely different but no evidence was produced to demonstrate that any "KGB training" had taken place there.

Where is the evidence of a 'test ... to recover two secret items from a dead letter drop in Spain', 'an elaborate interview using psychological techniques', or a test to 'pick up secret material from a dead letter drop in Paris and its subsequent delivery to the KGB officer in Lisbon'? No evidence was produced at my trial to show that any of these claims were true.

No reference was made at my trial to the sums of money that the article claimed I received when I worked at EMI Electronics. Instead the prosecution concentrated totally on the £20,000 that MI5 had used to bribe me into falling for their entrapment plan. Although this money was made up of brand new £50 notes in sequential batches of serial numbers, the CPS said that it was impossible to trace the source of this money.

The telephone call to my house on the morning of my arrest did not mention the name Viktor Oshchenko. My wife said she thought the man who phoned was speaking with a German accent.

The issues surrounding the technical material in the trial have always been the subject of much controversy. There was one 5 page 8-year old "unclassified" document, that was used in a piece of test gear associated with the Rapier test equipment, and a 9-page 10-year old "restricted" document that was claimed to have been used on ALARM missiles during the 1991 Gulf War (this document actually made obsolete in 1984). The MoD prevented me seeking help to expose the false evidence given at my trial about these documents, and continued to claim that they were highly sensitive material, which they were not.

All these documents are now published on the Cryptome website.

Mike Smith [*Thanks Mike*].

The entire thread can be read on: http://groups.google.com/group/uk.legal/browse_thread/thread/5fbb1fb2b4ac792b

A short interview with Mr Smith covers some of the above points and can be heard here ...
<http://www.jar2.com/2/MikeSmith/MikeSmith.htm>

Both these sites are well worth a visit [PLdn]

ENIGMA 2000 Article:

MILITARY COMMUNICATIONS THEN AND NOW. By HJH

Part 12



GERMAN WIRELESS COMMUNICATION.

Contrary to expectations, Germany made widespread use of the then newly emergent wireless technology at the outbreak of war in 1914. This was, possibly, a direct result of the speed at which the German Army had advanced through Belgium. The German wireless technology had received an unexpected advancement, due probably in no small measure to the lack of telephone and/or telegraph line links with the overseas possessions which Germany had at that time.

It had long been realised by British Intelligence personnel, among them Colonel J.F.Davies, (who had, post Boer War, taken over and run the Intelligence Section H mentioned earlier.) that the German Government was funding research into wireless and associated technology, particularly by Telefunken. Special emphasis seemed to be placed on long range wireless transmitter technology.

This must have been the realisation that it would be a relatively simple matter for the Royal Navy to sever the undersea cables of the Germans. As we shall later see, this is what happened. The German Navy was well equipped with wireless sets and the then new direction finding equipment. So too were the then brand new airships known as Zeppelins (after their designer Count von Zeppelin.) and the less well-known Schutte-Lanz airships. The wireless fitted to these monsters would be used not only to communicate with their bases, but also to navigate by use of the DF equipment they would carry. The weight of a wireless transmitter/receiver, and the associated DF station, was far less of a problem for a ship or an airship than it was for a horse or foot soldier. For foot soldiers and Cavalry, it was a different matter. They laboured under the same drawbacks as did the other troops of all the combatant nations. Wireless technology of the period meant clumsy heavy equipment. It was cumbersome, difficult to transport, and, (this applies to the valve /vacuum tube sets.) given its size, relatively fragile, despite its "built like a tank" appearance. The physical appearance differed little from the British sets and the circuitry and technology was similar, given that it was, at that time, "the only ball game in town." It was, as was its Allied Forces counterparts, relatively easy to monitor and intercept. The Germans had, as early as 1914, intercepted Russian Army messages between the General Staff and front line troops. This was in 1914, and the wireless traffic was intercepted by the wireless receiving stations at Thorn (Town on the River Vistula, and at that time in West Prussia.) and Konigsberg (Today called Kaliningrad and now in Poland.) The traffic concerned was intended for the large Russian Army which had just invaded Germany over its border with East Prussia. The Germans had, at this time, no SIGINT system. Neither did any other nation. Indeed, the phrase had yet to be coined, and would certainly take longer to become appreciated as a war winning weapon. Signals analysis too was still in its gestation period. The messages received by these two stations would have played no part in the Battle of Tannenberg, which is where the two armies met, had it not been for the initiative of the head of staff at the station at Thorn, as he "thought it may be of use!" The result was that all Russian wireless traffic reference the forthcoming battle was intercepted, logged and later sent by motor cycle courier to Generals von Hindenburg and Ludendorff. The result was a resounding German victory and the setting up by the German Army of wireless intercept stations on all fronts. (It should be remembered that Germany was, even at this early stage, fighting a war on two fronts, never an enviable position). One would have thought, however that the lesson regarding signals security and good encryption would have been learned. Apparently not, having read the account of the defeat at the Battle of the Marne in the preceding section, particularly having regard to the fact that Tannenberg was fought in late August 1914, literally weeks previously!

THE HARDWARE.

At this time, there was little to choose between the technologies of any of the warring nations. Practically all wireless transmitters were of the "spark gap" variety. For a really good working virtual model of one of these beasts, follow this link:-

<http://www.zianet.com/sparks/transmitters.html#virtual>

This site, combined with the description given in "The Boer War" section earlier, will fully explain all the workings of these early transmitters. For a recap and further schematic circuit diagrams, see later. Here is a description of a typical German Army "trench set", as these were then known.

The manufacturer of this particular model was Siemens and Halske. A look at the photos of British sets will show the similarity. (No surprise when one considers that Siemens had a brother company in Britain churning out the same type of kit for the opposition!)

TRANSMITTER:-Worked on the Medium Wave band, (530 kHz to 1610kHz.) signal source for the wave meter was a buzzer mounted on the power supply unit. A selection of 6 different wavelengths was possible by using the "WELLENSCHALTER" selector switch. (Wave change switch) This is the metal switch at top left of the fascia panel of the transmitter unit. The Morse key used for signalling was on a hinged platform which swivelled in and out of the set as and when required. The transmitter, power supply, and receiver were contained in three separate boxes which were made of wood. The transmitter used a quenched spark gap. The whole unit required a good aerial and earth.

These sets, while not as bad as those of the 1900s, were prone to causing great amounts of interference across a wide frequency spectrum.

POWER SUPPLY: - This consisted of a vibrator to convert AC current out from the DC current in. This set required a 24 volt battery supply. A sliding rheostat mounted on the right side of the top panel provided voltage control. On the panel would be mounted on top: Buzzer used to provide signal source. Below: Ammeter to measure output.(Missing on this example.) An internal transformer would step up the current output to several thousand volts. A four prong plug and lead connected the various units.

RECEIVER: - Sadly, no photo available. No great difference in design, operating techniques, or procedures to the British counterparts would have existed. The requirement for a long (and very visible and obvious!!!) aerial and earth would have been the same as that required by the wireless sets of the opposing forces.

GERMAN ARMY W.W.I TRENCH SET.

The German equipment was similar in design and mode of use to that in use on the Allied side. This would lead to the same problems and countermeasures later on, as experience taught many, in some cases bitter, lessons. At war's outbreak, in 1914, communication was as follows: - Telephone Landline from GHQ to Brigade HQ to the Regimental signal sections. These were then sent forward over telephone lines provided by the signal sections. (Establishment for these at this time was about eight men, thus platoon would be the wrong description for such a small detachment.) The telephone lines were then distributed forward over Regimental/Battalion lines to service those outposts of the regiment or battalion as required. In the opinion of this author, the line laying detachments, despite being extremely well trained and proficient troops, were unable to keep up with the high speed advance of the German Army invading Belgium and on into France in 1914. This opinion is confirmed by far more knowledgeable sources which the author has consulted. This accounted for the unexpected and heavy reliance on the wireless stations with which the German Army of the day was then equipped. All this, including the German advance which was stopped at the Battle of the Marne. The Marne is a river some 30 miles from Paris, and it is where the German advance ended and trench warfare, which was to last for almost another four years, began. It was the birth of trench warfare on a scale never seen before or since. The Battle of the Marne itself lasted from 6th to the 12th September 1914. At the end of it the French had lost 250,000 troops, the Germans a similar figure and the British BEF had lost 12,733 men. It allowed the supporting troops to catch up with the front line troops and build the trenches which would typify the rest of this war. It also allowed the supporting logistical troops to catch up and organise the supply lines and lines of communication which would support both sides. Sources consulted by the author attribute the French/British victory not to French courage alone, although that was in abundance and none can question the courage of the French poilus, but also to French signal troops interception of the wireless messages on which the German staff had to rely in place of the telephone or telegraph lines. The code which they used was, according to one source, a fairly basic transposition code and fairly easily broken by French cryptographers. The same (German) source similarly states that the entire German order of battle was intercepted by French monitors together with the accompanying tactical intentions. A lesson which the Germans had signally failed to learn (GREAT PUN!) given their recent defeat of the Russians at Tannenberg, largely due to SIGINT gathered from wireless intercepts of Russian messages. Be that as it may, the opposing armies dug in, laid landlines over which to communicate, and wireless stations to back up the communications when the landlines failed, as they very often would over the rest of the war.

Part 13 next time

PoSW's excellent "Items of Interest in the Media":-

Lots of espionage related stuff in both the broadcast and printed media these days, both factual and fictional. Beginning with fiction, BBC Radio 4 in their Sunday afternoon Classic Serial slot, as a change from the usual fare of something Victorian by the likes of Jane Austin, Emily Bronte and Thomas Hardy did a dramatisation in three parts of, "The Spy Who Came In from the Cold", by John Le Carre, part of the BBC's ongoing project

under the general title of, "The Complete Smiley". I wasn't able to hear all three episodes but I see the BBC is issuing this work on compact disc.

Also on Radio Four, the last vestige of broadcasting for grown ups and mercifully, in general, free from the empty, vacuous celebrity culture which permeates every other part of the media, there was a documentary in three half hour episodes on the subject of Britain's Secret Intelligence Service entitled, "MI6: a Century in the Shadows". Probably the most interesting episode was the second, broadcast on 3-August. This covered the Cold War years and contained some mention of radio with regard to the "stay behind" resistance organisation which was set up in Europe to be activated in the event of war with the Soviets. Radio sets - presumably transmitter / receivers - were buried at carefully noted locations in Berlin to be dug up by people who would be agents for MI6. I wonder how many of these were forgotten about and are still down there in the soil of Berlin? An opportunity for some German treasure seekers to get out and about with a metal detector, and do some digging, perhaps! And much discussion of Kim Philby, or "that bloody man Philby", as one senior MI6 figure described him who had been a mole inside the organisation all along and was responsible for the loss of a large number of agents operating in Eastern Europe.

Also on BBC Radio Four in early August was an hour long programme on the subject of another MI6 double agent entitled, "George Blake: the Confession", and in the words of the broadcast listings magazine, Radio Times", "Former Panorama reporter Tom Bower introduces his documentary on double agent George Blake that he made for BBC TV nearly 20 years ago. For 18 years, Blake served as a trusted and senior MI6 officer. Secretly in 1952, he became a double agent betraying MI6 operations and personnel to the KGB. Over nine years, at the critical period of the Cold War, he destroyed most of MI6's activities in Eastern Europe.

The fires of Hell are burning brighter and His Satanic Majesty has cancelled all leave for his little demons. At least, I like to think so because on 7-July the papers reported the death of Mr. Robert McNamara. As the Daily Mail said in an obituary by David Gardner, "McNamara, Cold War warrior behind Mutually Assured Destruction, is dead at 93". "Robert McNamara, the man behind the nuclear doctrine of Mutually Assured Destruction and a chief architect of the Vietnam War, has died at the age of 93. At the height of the Cold War the then U.S. Defence Secretary introduced the world to MAD, where both the U.S. And Russia would each be wiped off the map by the other's nuclear arsenal.....a cerebral policy maker, he was recruited to run the Pentagon by President John F Kennedy in 1961 and stayed for seven years. Despite a brilliant career in business - he was president of the Ford Motor Company before going to Washington - McNamara was always associated with his disastrous escalation of the Vietnam War, the only American war to end in abject withdrawal rather than victory. More than anyone, except possibly President Lyndon Johnson, McNamara became to anti-war critics the figurehead of a failure that left 58,000 U.S. Troops dead.....He resisted writing his memoirs for years but finally published 'In Retrospect: The Tragedy and Lessons in Vietnam' in 1995. 'We of the Kennedy and Johnson administrations acted according to what we thought were the principles and traditions of our country. But we were wrong. We were terribly wrong' he said in an interview."

So that's all right then; Mr Mac admitted he got it wrong! A pity about the 58,000 young men who had to come back to the Land of the Free in body bags, not to mention the countless thousands broken in body and mind and the unknown numbers of Vietnamese dead and maimed. This revisionism is akin to that expressed by some individuals on this side of the Atlantic Ocean on behalf of our own Prime Minister of the time, the late, unlamented, Harold Wilson who in the late 1960's gave his full support to the American adventure in Vietnam but stopped just short of sending British troops. In recent times the re-writers of history have stated that in fact, Wilson was against the war - really! No, don't laugh! - but could not criticise America in public because the UK was bankrupt and dependant on loans from the American Government.

Naughty goings-on in Russia:- it seems as if some of our diplomatic types know how to have a good time when far from home. The Daily Mail of 10-July carried an article with the headline, "Our man in Russia caught in a Russian honey trap" written by Neil Sears in London and Will Stewart in Moscow and says, "A British diplomat has been sent home in disgrace after being filmed cavorting with prostitutes", and referring to three somewhat low resolution photographs - two of which show a bespectacled dark-haired man in intimate contact with a blonde female in a state of partial undress, and the third showing the same man coming to grips with the cork of a Champagne bottle - goes on to say, "These grainy images, filmed on a hidden video camera, show James Hudson in a brothel in the country's third largest city, Ekaterinburg. Last night the Foreign Office was conducting an urgent review into whether the 37-year old was targeted in a classic sting by Moscow's secret services. Mr Hudson has resigned from his post as deputy consul-general after his encounter with the prostitutes was posted on the internet under the headline, 'The Adventures of Mr Hudson in Russia'. The Daily Mail understands that among the possibilities being considered is that Russia's FSB counter-intelligence service - the post-communism version of the KGB - tracked Mr Hudson's illicit activities and filmed him to try to blackmail him into becoming an agent. In the four-minute film, Mr Hudson first walks into a room wearing nothing but an open dressing gown. He is holding a wine glass. He kisses one prostitute, then another arrives and sits on his lap. Before long the women are down to their underwear, and the trio are drinking champagne. The film then cuts to the bedroom - where there is evidently a second hidden camera - for a shot of Mr Hudson and the two naked women on the bed.....A spokesman for the Russian interior ministry in Ekaterinburg yesterday confirmed the video was genuine. 'There is indeed such a video', he said. We can't tell you who it is, but you should try the British consulate.' Mr Hudson's immediate superior, Ekaterinburg Consul - General, Jenny Lock, confirmed the disgraced diplomat had left for home but refused to say whether secret services involvement in the case was suspected. 'I am sorry, I can't comment,' she said....Alongside suggestions that Russia plotted to blackmail Mr Hudson into becoming a double agent, the possibility will be considered that the footage was intended to be used by unscrupulous criminal gangs to blackmail him, perhaps to obtain British visas. The Foreign and Commonwealth Office yesterday confirmed Mr Hudson had resigned, but refused to comment on the video. A spokesman added: 'The FCO expects all its staff to demonstrate high levels of personal and professional integrity.' It emerged last night, however, that the Foreign Office and MI6 became aware of the video days - and perhaps even weeks - ago. The footage had been visible on a minor Russian website since at least June 6, although it seems the diplomat was only unmasked as the 'star' of it in the past few days. Officials refuse to say how they became aware of the serious security breach. Nor do they explain exactly when Mr Hudson was ordered home, although sources say it was five or six days ago. Russian reports suggest that he was known to frequent sex clubs, information that may have come from the Moscow secret services. Unproven allegations that he frequented city casinos were also aired in the local media, suggesting he was being watched. One report said: 'The British diplomat was often noticed in those entertainment places in Ekaterinburg during working hours' An old friend said : 'He was a pretty ordinary chap, poor bloke. And I thought they trained the Diplomatic Corps to resist this sort of thing.'

Well, really! I suppose the positive side to this story, if there is one, is the fact that Mr. Hudson was "doing the business" with a lady! In the past, there have been stories in the press regarding our Diplomatic and Foreign Office types whose desires tend to veer in a totally different direction; without being too precise let us just say that they would be able to answer the question, "Anal sex, is it all it's cracked up to be?"

Latest news from the Department of Not Enough to Worry About, which, as writer Keith Waterhouse, formerly of my favourite newspaper, the Daily Mail, knows full well operates under the auspices of the National Guesswork Authority. "Russian submarines spotted off U.S. Coast", is the headline in the Daily Mail of 6-August. The short piece by David Gardner says, "Fears of a Cold War-style stand-off grew last night after two Russian nuclear submarines were spotted off the U.S. Coast. The sighting raised fears in the Pentagon that the Kremlin is taking a more aggressive stance. It is the first time since the early Nineties that the Russians have sailed submarines as close as 200 miles off America's coast. The patrols, involving two Akula class nuclear-powered subs, come as Moscow tries to shake off the embarrassment of a failed missile test in the Arctic last month. Some defence experts believe Russian prime minister Vladimir Putin ordered the incursion in an attempt to re-assert the country's military importance. Submarine warfare analyst Norman Polmar told the New York Times: 'It's the military trying to demonstrate that they are still a player in Russian political and economic matters. I don't think they've put two first-line subs off the U.S. Coast in about 15 years.' The rogue subs have been closely tracked by the Americans. A senior U.S. Defence department official said; 'Any time the Russian navy does something so out of the ordinary it is cause to worry.. However, a Russian general brushed off the concerns last night, calling the patrol routine. Anatoly Nogovitsyn, deputy chief of staff of the Russian armed forces said: 'I don't know if there is any news in this for anyone. The fleet shouldn't sit on its hands and be idle.' The episode has echoes of the Cold War when both countries regularly sent patrols to each other's coastlines. One of the subs remained off America's east coast yesterday, while the other reportedly travelled south towards Cuba. Akulas are capable of carrying torpedoes as well as missiles for land or sea targets, but they are not equipped to launch intercontinental nuclear warheads. "

This story reminds me of that old film which, now I come to think of it hasn't been on TV for a while, "The Russians are coming, the Russians are coming" -in which, if I remember correctly, a Soviet submarine - this film was made in 1966 - gets stuck on a sandbank off the New England coast and the captain goes ashore to beg, borrow or steal a motor boat to tow his vessel back out to sea. As the Radio Times Guide to Films says, "Russian Alan Arkin grounds his submarine on the American coast, he goes ashore for help and panic ensues."

Continuing with the "We're all doomed" theme, the appearance of Mexican swine flu has come as a godsend for our Government. It has given them a chance to assert their authority over us; reports abound of all sorts of plans being quietly drawn up in response to a possible widespread outbreak of the disease, restrictions on movement and travel, compulsory quarantine, you name it. In other words, just another example of what these control freaks like best. It struck some of us that it was a bit of a coincidence that the swine flu became of great concern just as public anger over the Members of Parliament expenses scandal was building up. This was expressed very forcefully in a piece by Jade Sermon in the Sunday Express of 26-July...."It is a great diversion from the debacle of MPs' expenses, the recession and the abject failures of Gordon Brown's tawdry excuse for a government. In times of panic and confusion we traditionally allow nanny, or nanny state, to take care of us..... so creating panic and confusion is a clever political move from Brown's point of view as it allows him a sliver of a chance of retaining his job come next summer's general election; all hail the mighty, the munificent Brown who has saved us all from the dreaded clutches of the swine flu."

And on the subject of the Members of Parliament expenses, I stared in disbelief at the radio when I heard on a news bulletin a few weeks ago that a female Conservative MP had said something to the effect that we - the public - ought to refrain from criticising them because several of their number were extremely depressed as a result and might be on the verge of committing suicide. Wow! I think she was just saying that to cheer us all up! My immediate reaction was to seriously considering the making-up of a sort of reverse Red Cross parcel containing several lengths of good stout rope with a noose formed at one end - they would have to make their own arrangements with regard to a stout oak beam, there are probably a large number in the House of Commons, together with a chair on which to stand and then kick away, and perhaps a few phials of cyanide. I'm afraid a selection of handguns with one round in the chamber apiece - brains, blowing out for the use of - would be out of the question because in the United Kingdom only hardened criminals are allowed access to firearms.

Afghanistan - why are we there? Now that the number of British soldiers killed in Afghanistan has passed the two hundred mark, many Brits are asking with renewed anger as to what the hell we are doing there? The reasons given by Brown and his hopeless crew change from day to day. Among the declared objectives are the stamping out of the trade in heroin, made from poppies grown as a main crop in Afghanistan - not much success there then, reports say that there is a record crop this year and the price of heroin on the streets of Britain is at an all time low thanks to a flood of the stuff. And anyway, no government would want to deny Britain's ever-expanding underclass access to their heroin; it helps to keep vast numbers quite and passive, people who might otherwise be rioting in the streets and threatening social order. Then again, we were told that we were there to bring civil rights to Afghanistan's women; well, that doesn't seem likely, given that

the government in Kabul have just passed laws giving Afghan men the right to do much as they please with regard to their womenfolk. More and more the view is being expressed that the end game here is, as always, oil. No oil in Afghanistan, of course, but plenty of oil and gas to the north of that country in what we used to call Soviet Central Asia, now known generally as the countries of the Caspian Basin Project. The plan is to build a pipeline down through Afghanistan, which unfortunately has no coast line, and therefore down through Pakistan to a suitable port, hence the need to keep Pakistan "on side", although with increasing unrest in that country that might be difficult to achieve. This is the only route for the petroleum riches of the Caspian Basin; the whole idea is to get the stuff to the West without having to pipe it through Russia, as them darn Rusksies would be able to turn the taps off at any time as they have done in the past with other pipelines feeding Eastern Europe. The letters pages of recent papers say it all; from the Daily Mail of 24-July under the heading, "Pawns in the Great Game", a reader in Wiltshire writes, "When will the misinformation over the current conflicts stop? Our troops are in Afghanistan to stabilise the country so that the oil pipeline from the Caspian Sea to the Indian Ocean can be safely constructed and maintained, enabling the U.S. To benefit from collecting Caspian oil from Karachi". And from the Mail of 20-August under the heading, "It's the pipeline, stupid", "In fact our troops are probably there to protect the new \$3 billion pipeline being laid from Turkmenistan, through Afghanistan and Pakistan. We never hear that the Taliban have attacked this construction, though we did get the odd report about a huge piece of apparatus being transported through the mountains, apparently 'without the Taliban knowing'. Will our soldiers remain and continue being killed until the oil barons, headed by President Karzai, have made their deals with the Afghan warlords? The plausible basis of such a deal could be: you grow your opium poppies and rape your wives, we will have the oil. Incidentally, President Karzai once worked for Unicol, the U.S. Oil company - as an advisor to President Bush."

Speaking of oil, I once heard someone say that the worst fate which could befall any nation was to have the stuff discovered underneath its territory; that, and also to be awarded the Olympic Games. In both cases the vast amounts of money which slosh around the financial system corrupt every aspect of life in the unfortunate country. Well, we know all about that in the UK where North Sea Oil, more accurately Scotland's oil, has helped to finance a "feel good" consumer boom which has allowed the politicians of both parties to do much as they like without paying any mind to the real underlying problems of the economy of this country for three decades. And now the Olympic Games are on their way to London in 2012. As with all other forms of sport, the Olympics have long ceased to reflect the true spirit of sportsmanship, fair play and so on; it is all to do with national pride and corporate sponsorship. There are disturbing links between the Olympic movement and totalitarian regimes; the 2008 games in Beijing, in the best organised police state the world has ever seen, said it all. And no commentary on the Olympics would be complete without a mention of the 1936 games in Berlin. Apparently, the entire opening ceremony of the Games dates from that time with the opening ceremony of the lighting of the Olympic flame full of National Socialist symbolism. In London, the Olympic Games will be used by the Government to show us all how tough they are. "Warships and 11-mile electric fence will guard 2012 Olympics", is the headline in an article by Ted Jeory in the Sunday Express of 9-August, and says, "A 5,000-volt electric fence around Britain's Olympic site will soon be switched on to help protect from terrorists. The 12ft fence is being erected around the entire construction site in east London and parts will remain during the 2012 Games. Infra red TV cameras are also being installed at 25 yard intervals.

..... The amount set aside to create "Fortress Olympics" is an amazing £1 billion and further measures being considered are Royal Navy warships with laser guided missiles moored in the Thames and drones flying overhead. RAF jets are likely to be on standby while police helicopters will enable to warn strategically located snipers of possible threats.

..... Two years ago, onlookers witnessed a 'realistic' anti-terror training exercise on the site which included mocked-up explosions and bomb casualties staged by balaclava-clad soldiers from the SAS and the Met Police..... the electric fence is considered crucial to preventing intruders. From next month, its 5,000-volt charge will deliver a short, sharp and nasty shock to anyone touching it. An Olympic Delivery Authority spokesman said: the power is in line with typical cattle-fencing specifications. The voltage would not cause any lasting harm, either to humans or wildlife..... However, Martin Slavin, who lives nearby and runs the Games Monitor website, which examines the controversies prior to the event, said: 'The electrified stockade symbolises the heavily armed military garrison which is necessary to defend this illusion of peaceful international competition.' Just yesterday, police stopped Mr Slavin, 67, as he was taking pictures. He was told under the Counter Terrorism Act he was 'believed to be conducting hostile reconnaissance' and his equipment was searched. A special directorate within the Home Office is in charge of security. Last month it acknowledged 'the greatest fear is international terrorism'.... Speculation about possible measures includes a new class of Type 45 destroyer anchored in the Thames to guard against a 9/11 style attack. Its anti-air weapons systems would be able to shoot down any hijacked aircraft flying towards the Olympic park and its communication system could act as a back-up to any failure of the capital's radio network as a result of an attack..... Sources also believe unmanned Reaper robot drones, such as those in use in Afghanistan, will be flown in 2012 for surveillance."

[Thanks PoSW – we so nearly didn't have this thanks to the less than excellent service provided by the Royal Mail. Posted on 26 August and delivered 8th September PoSW's First Class stamped package was with drawn as being the wrong postage [it wasn't] and subject to industrial action by our postmen who have recognised what a total waste of time their employers really are].

And from other sources we present.....

Gizza job [there really isn't too much about]

Gizza job indeed; it appears MI5 are placing adverts in other media other than that open to PLdn's eagle eyes. However he is aware that the following jobs are open on the MI5 Careers site.

- o Digital Forensic Analysts
- o Health and Safety Adviser
- o Intelligence Analyst
- o IT Engineers NI
- o IT Infrastructure Support Specialist
- o IT Security Specialists
- o IT Vacancies
- o Language Unit
- o Language Unit NWE
- o Network Forensic Analysts
- o Network Specialists
- o Operational Intelligence Officer
- o Training Delivery Professional

And here we go – first up in the Metro [which I wouldn't of picked up had I not been visiting my old shipmate DoK]!



IT Careers, London

Technology plays a crucial part in our work to protect our nation. From terrorist investigations to counter-espionage, we need the best possible IT tools and infrastructure in place to enable us to do our jobs. We're looking for IT professionals at all levels to strengthen our team. Discover an environment that offers more challenges and rewards than any other.

Not half!! Looks as though they've wind of another batch of redundancies in the air – probably the odd university or more.....

BE PART OF A STRONGER NETWORK.

Remember, say nowt and, "Intelligence. We rely on yours."

New Way, new life for the bankers

Neue Weise, neues Leben für die Banker
новый путь, новая жизнь для банкирштов
बैंकों के लिए नया तरीका नया जीवन
طريقة جديدة لحياة جديدة للمصرفيين
bankacılar için yeni bir yol, yeni hayat
روش های جدید زندگی جدیدی را برای بانکداران
은행가를 위한 새로운 방법 새로운 생활
naya rasta naya zindagi live bankers

Here we go folks, more employment for the out of work, redundant bankers.

"Some of our most valuable skills are thousands of years old"

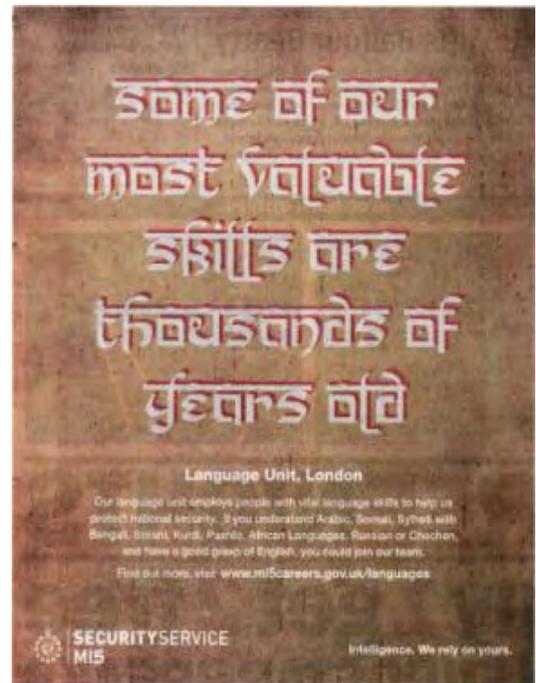
Good range of languages mentioned in this excellent advert doubtless to help protect national security [*do I detect more than a hint of transcribing here?*]

Our Stella hasn't included the Language Unit in any of her four read novels as yet so there's an idea.

Remember, in any language, 'Intelligence. We rely on yours.'

[Or, in Hindi, Naya Zindigai, Naya Jeevan – New Way, New Life: Language Unit ENIGMA 2000].

Seriously good advert design here though.



ETHNIC? Here's an interesting view: <http://mathaba.net/data/sis/mi6-jobs.shtml>

Call for inquiry after MI5 'recruited al-Qaida sympathisers'

Senior Tory says six men were thrown out of security service amid 'serious concerns' and demands investigation <http://www.guardian.co.uk/uk/2009/aug/01/al-qaida-mi5>

A senior Tory MP today called for an investigation into whether MI5 mistakenly recruited al-Qaida sympathisers.

Patrick Mercer, the chairman of the counter-terrorism subcommittee, said six Muslim recruits had been thrown out of the service because of serious concerns over their pasts.

The MP said he was writing to the home secretary, Alan Johnson, to call for an investigation into the matter.

Two of the six men allegedly attended al-Qaida training camps in Pakistan while the others had unexplained gaps of up to three months in their CVs.

Mercer told the Telegraph that the September 11 2001 terror attacks on the US should have prompted the British government to expand the security services, but this did not happen until the bombings on London's transport network on 7 July 2005.

"It took an attack on this country for such measures to be started," he said.

"But at this point it was an unseemly rush of which our enemies, not unsurprisingly, took advantage."

Mercer added that he was concerned al-Qaida sympathisers who may have infiltrated the security services had not all yet been rooted out.

He said the two recruits who had allegedly been to training camps were not dismissed until after they had been given several weeks of training at MI5, but the others were identified before they started training.

A Home Office spokesman later said: "MI5 takes vetting very seriously indeed. All candidates are required to undergo the most comprehensive process of security vetting in the UK.

"Applicants go through extensive vetting and it is not unusual for a number to drop out or fail at the earliest stages for a variety of reasons."

<http://www.guardian.co.uk/uk/2009/aug/01/al-qaeda-mi5>

Governments hit by cyber attack

<http://news.bbc.co.uk/1/hi/technology/8139821.stm>

The US recently expressed concerns about cyber security

A widespread computer attack has hit several US government agencies while some South Korean government websites also appear to be affected.

The White House, Defense Department and New York Stock Exchange were all hit by the attack that started on July 4.

An analysis of the software used revealed its targets also included the National Security Agency, the Nasdaq stock market and the Washington Post.

Many of the organisations appear to have warded off the attack.

In South Korea, the presidential Blue House and Defence Ministry, National Assembly fell victim.

US officials have not released details of the attack.

Ben Rushlo, head of internet technologies at web performance firm Keynote Systems described it as a "massive outage".

Amy Kudwa, a spokeswoman for the Department of Homeland Security said the body's US Computer Emergency Readiness Team told federal departments about the issue and of steps "to mitigate against such attacks".

Recently the US homeland security secretary Janet Napolitano told the BBC that protecting against virtual attacks was a matter of "great concern" and something the US was "moving forward on with great alacrity".

The attacks in South Korea seemed to be connected to the attack of US government services, said Ahn Jeong-eun, a spokesperson at Korea's Information Security Agency.

South Korea's Yonhap News Agency is reporting that North Korea may be behind Tuesday's cyber attack.

The country's National Intelligence Service (NIS) suspects North Korea or its sympathisers may have been behind the attack, according to sources who spoke to the news agency on condition of anonymity.

It will present a report to the parliamentary intelligence committee on Thursday.

The attack slowed down and, in some cases, shut government websites, including the site of the presidential office, for several hours.

<http://news.bbc.co.uk/1/hi/technology/8139821.stm>

It's black and white: I can't stop Garry McKinnon's extradition

Alan Johnson

August 2, 2009

http://www.timesonline.co.uk/tol/comment/columnists/guest_contributors/article6736058.ece

The judgment handed down by the High Court on Friday on the Gary McKinnon case was clear. It upheld the decision of the Home Office — that extraditing McKinnon did not constitute a breach of his human rights as defined by the European convention. It emphasises the fact that it would be unlawful for the home secretary to intervene to prevent his extradition.

The court was equally clear that he should be tried in the United States because the crimes he is accused of committing — although they were conducted from a computer in his bedroom in the UK — did not remotely affect people in this country. They affected critical government security systems in America.

This case has provoked strong feelings — and it is understandable why many are sympathetic to the cause of someone who appears simply to be a misguided, vulnerable young man who has Asperger's syndrome. I can make no pronouncement of McKinnon's guilt or innocence. But the crimes he is accused of are far from trivial and he should be tried fairly for them in a court of law and in the country where the impact of those crimes was felt. As the High Court judgment makes clear, McKinnon will not, if convicted, serve any of his sentence in a "supermax" prison.

He is alleged, shortly after the attacks on the United States of 9/11 that killed nearly 3,000 of its citizens, to have repeatedly hacked into US government computer networks — including 97 US military computers, from which he deleted vital operating systems and then copied encrypted information onto his own computer. The result was that the US army's military district of Washington's computer network was shut down for 24 hours. During interviews under caution, McKinnon admitted to much of this conduct, including leaving a note on one army computer reading: "US foreign policy is akin to government-sponsored terrorism these days . . . It was not a mistake that there was a huge security stand-down on September 11 last year. . . I am Solo. I will continue to disrupt at the highest levels." Just as I would want to seek the speedy extradition of any US citizen whom police and prosecutors suspected of committing similar damage to the UK defence network, so the US government wants McKinnon to be extradited. And as Friday's judgments yet again underline, if I were to oppose his extradition I would be breaking the law.

Some have argued that McKinnon's case shows the law is wrong — that British citizens are at the mercy of an unjust extradition act and subsequent treaty with the United States. I disagree. The 2003 Extradition Act replaced the cumbersome existing legislation that simply couldn't respond fast enough in an age where crime is increasingly indifferent to national borders. Without it we couldn't have implemented the European arrest warrant, without which it is unlikely that Hussein Osman could have been speedily extradited from Italy following his involvement in the failed terrorist attacks of July 21, 2005.

In making their case against the act, critics like to point out that more people have been extradited to the United States from the UK than vice versa. It is true. Between 2004 and 2008, 59 people were extradited from this country to America and 30 the other way. But what does this signify when the numbers are so small? Would they equally argue that the act is unbalanced in favour of the UK over Spain because, in the same time frame, we have extradited only 27 people over there and they have sent 104 back? The fact is that since the 2003 act came into force, not one extradition request we have made has been refused by America.

One of the most important features of the 2003 act was its deliberate removal of any discretion the home secretary may have in relation to extradition. It makes sure the laws that govern extradition are neutral and beyond political influence or the ebb and flow of populist opinion.

The home secretary can prevent extradition only in very specific circumstances: where the person in question could be sentenced to death if convicted; where there is a chance that a person will be tried for crimes committed before that extradition that were not specified in the request; or where the person has previously been extradited to the UK from another country, or transferred here by the International Criminal Court and no consent has been given to them being extradited elsewhere. If none of these circumstances apply — which is true of McKinnon's case — then it's black and white. It would be breaking the law for a home secretary not to order extradition.

Because of his recent diagnosis of Asperger's, McKinnon was entitled to challenge extradition once again on the grounds that his human rights would be breached were he to be extradited. The European convention on human rights prevents extradition if there is a risk — because of a serious health problem — that it would lead to inhuman or degrading treatment. But it is not the case that anyone in poor health can escape being brought to justice in another country. The Home Office concluded that the extradition would not breach McKinnon's human rights and this is the decision that was upheld on Friday.

Alan Johnson is the home secretary

http://www.timesonline.co.uk/tol/comment/columnists/guest_contributors/article6736058.ece

One has to ask who actually runs this country? What twerp signed over the rights of Her Britannic Majesty's subjects to America? Well the NuLiebour Government to be honest. What a total travesty - we hand Brits over willy-nilly whilst Yanks are rarely handed over.

We get the pap from Europe, we get this sort of legal crap from America, Crime worldwide and no one is safe from this sort of nonsense, Shame on the Home Secretary and to be honest Mr Brown, shame on you and that total disaster you are leading as a Government. It's just one thing after another and its typified by the fact that an Asperger's sufferer will be deported to the US and get banged up because of his behaviour whilst many 'Right Honourable' MP's will not be prosecuted for Pecuniary Advantage by Deception, after all it was all within the rules; wasn't it?

Over here Asperger's sufferers are treated with some respect - when the US isn't calling. The word to use, Mr Alan Johnson, is NO! [Just like my vote consideration for Labour will be when the next General Election happens along - probably when this shambles of a party will no longer be able to delay it. And! Guess what ... this is a virtual one-way agreement signed by Britain but never signed by the US.

UK diplomat quits after sex video surfaces on internet

By Donald Hamer

FIRST POSTED JULY 9, 2009

<http://www.thefirstpost.co.uk/50401.news.british-diplomat-quits-sex-film-internet-james-hudson-russia-brothel-threesome-prostitutes>

A British diplomat based in Russia has resigned after a film of him having sex with two prostitutes was posted on the internet. In the video, James Hudson, Britain's deputy consul general in Yekaterinburg, is seen walking into a room - thought to be in a brothel - wearing a dressing gown and holding a wine glass. He kisses one prostitute while another sits on his lap.

The three are soon naked together having sex on a bed. At one point, one of the prostitutes asks Hudson in a heavy Russian accent, "Would you like it?"

Hudson quit his position at the consulate after the four-minute video, entitled 'The Adventures of Mr Hudson in Russia', was posted on a Russian local news website.

The publication of the video is believed to be the climax of a classic Cold War-era spy sting, perpetrated either by the FSB - the successor to the KGB - or even local Mafia gangs who would have used the video to try to blackmail Hudson or simply embarrass Britain.

A security source told the Sun: "It is virtually unthinkable that this could have been widely published online without some sort of tacit official approval."

The 37-year-old, who married in 1996, but was divorced a year later, joined the Foreign and Commonwealth Office (FCO) in 1994 and his postings have included Sarajevo, Havana and Budapest.

A Foreign Office spokesman said Hudson had resigned but refused to confirm or deny whether he was the man in the video: "The FCO expects all its staff to demonstrate high levels of personal and professional integrity and takes all allegations of inappropriate behaviour seriously."

<http://www.thefirstpost.co.uk/50401.news.british-diplomat-quits-sex-film-internet-james-hudson-russia-brothel-threesome-prostitutes>

Hackers attack MI5 website

30.07.09

<http://www.thisislondon.co.uk/standard/article-23725863-details/Hackers+attack+MI5+website/article.do>

Computer hackers attacked MI5's official website in an apparent bid to steal the identities of visitors to the site, it was reported today.

The security breach could also have enabled the hackers to download viruses onto the machines of anyone using the British intelligence services website, the Daily Express reported.

A Whitehall spokeswoman said there had been a "small issue" with a search engine linked to the MI5 website.

She said: "MI5 take security very seriously. Their website is secure and hosted in a high security environment."

Tory MP Patrick Mercer, who is chairman of the Commons' counter-terrorism sub-committee, told the newspaper: "Having potentially highly-classified information available to hackers is deeply concerning."

"The identity of agents and informers in terror groups such as al Qaeda are held by MI5."

<http://www.thisislondon.co.uk/standard/article-23725863-details/Hackers+attack+MI5+website/article.do>

Boris v US in battle over huge American embassy

Mira Bar-Hillel, Property Correspondent Mira Bar-Hillel, Property Correspondent

31.07.09

<http://www.thisislondon.co.uk/standard/article-23726521-details/Boris+v+US+in+battle+over+huge+American+embassy/article.do>

Boris Johnson has gone into battle with the American government over plans for a new embassy in London.

The Mayor says he is prepared to reject proposals for the £500million complex in Battersea if it breaches his planning vision for the capital and does not include a £2.5million contribution for Crossrail.

He has demanded a series of changes to the outline plans for the building - known as the Iceberg - with money for transport improvements at the top of his wish list.

City Hall is seeking contributions towards the £16billion Crossrail link from all major developers in central London as a condition of gaining the Mayor's approval.

The US wants to move from its site in Grosvenor Square, Mayfair, because of security concerns. Though that building is heavily fortified, the US has been refused permission to close surrounding streets to stop the threat of a lorry bomb.

The new site would be protected by a 30-metre "blast zone" and a detachment of US marines. Security is so tight that only American-based architects are being allowed to design it.

However, Mr Johnson is effectively prepared to hold the American government to ransom to secure money to improve London's transport infrastructure and force through changes to the embassy's design.

He has concerns that the building, to be located between Chelsea and Vauxhall bridges, will "turn its back" on the Thames and be concealed behind a giant mound of earth. The Mayor wants the boundary wall to be "visually permeable" - allowing the 97 metre embassy to be seen from the road - not blocked by a four-metre concrete wall. Changes have also been demanded to ensure the building meets targets to reduce its carbon footprint. Unless they are made the proposals will breach the Mayor's planning guidelines - the London Plan - and face rejection.

A letter from planning officials to the embassy's developers says: "Further work is required before the proposed development can be considered acceptable in terms ... of the London Plan."

Because Crossrail will not pass near the embassy, the Mayor may decide instead to channel any American cash towards an extension of the Northern line to Battersea. He wants to add a branch from Kennington Tube station to Battersea Power Station via the embassy site at Nine Elms, where a station would be built.

Mr Johnson, who was born in New York, is also under pressure to force the US to pay £3million in congestion charge fines before agreeing to the embassy. The US has refused to pay the charge since it was launched in 2003, claiming its diplomats were exempt.

Jenny Jones, the Green party chairwoman of the London Assembly's planning committee, said: "I completely support the Mayor on this. If the embassy is going to move to Battersea, they have to follow the London Plan.

"I think they have to make a contribution towards public transport, particularly with the fact that they have a huge outstanding congestion charge bill."

The US hopes to move to the 2.15-hectare site by 2016. Work transforming the area, which is occupied by industrial buildings and a car showroom, is to begin in 2013.

Draft plans have been submitted to Wandsworth council, which has welcomed the embassy because of the prestige it will add to the borough. The building would be used by 800 staff and attract 1,100 visitors a day. The Americans hope to select an architect by early next year from the shortlist of four, including the 92-year-old designer of the Louvre glass pyramid, I M Pei.

Rob Tincknell, managing director of Treasury Holdings, which is managing the redevelopment of Battersea Power Station, said the embassy's move would help the area's regeneration. "The Nine Elms regeneration hinges on getting the right transport provision and we support the Mayor's efforts to ensure that the supporting transport infrastructure gets put in place," he said.

An American embassy spokesman declined to respond directly to Mr Johnson's warnings. He said: "As has been the case from the beginning of the new embassy project, we look forward to hearing comments and to addressing any concerns in a collaborative manner."

The man who will have to steer through the planning application and the negotiations associated with it will be Louis Susman, 71, whom Barack Obama appointed as American ambassador to Britain two months ago.

<http://www.thisislondon.co.uk/standard/article-23726521-details/Boris+v+US+in+battle+over+huge+American+embassy/article.do>

[The land is situated on Nine Elms Lane j/w Ponton Road]

Hamas says Israel dumping aphrodisiac gum on Gaza

14/07/2009, 05:06 pm

AFP

<http://uk.news.yahoo.com/18/20090714/tod-hamas-says-israel-dumping-aphrodisia-7f81b96.html>

Hamas suspects that Israeli intelligence services are supplying its Gaza Strip stronghold with chewing gum that boosts the sex drive in order to "corrupt the young," an official said on Tuesday. Skip related content

Related photos / videos

The Israeli military declined to comment officially on the allegations [Enlarge photo](#)

"We have discovered two types of stimulants that were introduced into the Gaza Strip from Israeli border crossings," Hamas police spokesman Islam Shahwan told AFP.

"The first type is presented in the form of chewing gum and the second in the form of drops," he said.

The Islamist movement that has run the densely populated and impoverished Palestinian territory for the past two years said it has detained members of a gang that helped to bring in the products.

"They admitted during the investigation they were linked to the Zionist intelligence services," he said.

One suspect said he had received the products from an Israeli intelligence officer at a cut-rate price "with the officer saying they did not want money, but to distribute the products among the young people of Gaza," Shahwan said.

"The intelligence services are aiming to corrupt the young generation by distributing these products among students."

The story came to light after a Palestinian man filed a complaint that his daughter had experienced "dubious side effects" after chewing the offending gum, Israeli media reported.

The Israeli military declined to comment officially on the allegations, which one military source termed "absurd."

<http://uk.news.yahoo.com/18/20090714/tod-hamas-says-israel-dumping-aphrodisia-7f81b96.html>

Germany Counteracts Increased Chinese Spy Activity

By Hu Huizhu

Liberty Times Jul 20, 2009

<http://www.theepochtimes.com/n2/content/view/19878/>

Germany's popular weekly magazine Der Spiegel reported on July 15 that the State Office for the Protection of the Constitution, a German Intelligence Agency, had set up a designated "China Task Force" to monitor the growing number of Chinese spy activities in Germany. Many Chinese spies work as staff workers in the Chinese Embassy and are particularly active in issues related to Taiwan's Independence, Tibetan Independence Movement, and so on.

According to a European correspondent of Taiwan's Liberty Times newspaper, there's similar activity by Chinese employees in almost every prominent German company. For instance, a security guard in a Siemens office building in Southern Germany had stopped Chinese employees several times from entering the company alone at night.

One Siemens middle level manager told the reporter that even a piece of paper recovered from the trash could be sent out by fax after someone made a copy. This kind of behaviour has damaged Chinese employees' credibility.

Der Spiegel's report said that German intelligence estimated that about 20 to 50 Chinese spies currently lived in Germany, ordinarily remaining silent and low-key. But they immediately come to life when there is development on issues related to Taiwan's Independence, Tibet, Xinjiang, Falun Gong, or China's democracy movement.

The report also listed several instances. For example, the German government is considering denying a visa for a diplomat in the Chinese Embassy in Munich, because he was caught several times spying on overseas Uyghurs. A Chinese employee of the Zeiss Company has been in constant contact with the Chinese Embassy, and has invaded the company's internal network to collect the company's business secrets; A Chinese university scholar in Southern Germany regularly sent confidential documents containing the company's thin film technology to China on weekends.

<http://www.theepochtimes.com/n2/content/view/19878/>

Croydon Lunar House investigation squad bust immigration fraudsters

8:00am Wednesday 8th July 2009

http://www.croydonguardian.co.uk/news/4479514.Lunar_House_investigation_squad_bust_immigration_fraudsters/

A crack team of investigators have busted fraud rings within the home of UK immigration.

Over the last two years the Security and Anti-Corruption team (SACU) at Lunar House in Croydon has secured the conviction of 10 staff involved in separate immigration frauds.

The former employees have been sentenced to a total of 22 years in prison.

The longest sentence was nine years for committing misconduct in a public office, a charge which can carry a life sentence.

Four employees in the Immigration and Nationality Directorate have been found guilty of committing misconduct.

The offence involved selling either travel documents or stamps enabling immigrants to have indefinite leave to remain (ILR) in the country.

Jahangir Alam was jailed for 14 months in June last year for arranging ILR for his brother.

Aisha Ajia was sentenced to three years and six months after a jury delivered a guilty verdict in April 2008 of 11 counts of misconduct.

And John-Ayo was jailed for nine years in February last year for selling 207 travel documents for illegal immigrants to use.

Another seven people have been charged or are awaiting trials over the coming months.

Andrew Pearce, head of the SACU, said: "The majority of UK Border Agency staff carry out their roles with professionalism and integrity.

"Unfortunately there are a small number who seek to abuse their position.

"The UK Border Agency will not tolerate corrupt activity. All allegations of corrupt activity are investigated and we also carry out proactive work to detect such activity.

"We always seek to prosecute staff where there are sufficient grounds to do so.

"We have an officer seconded to us from the Metropolitan Police Specialist Crime Directorate and also work closely with joint police and immigration teams around the country."

http://www.croydonguardian.co.uk/news/4479514.Lunar_House_investigation_squad_bust_immigration_fraudsters/

French spy 'kills his three Somalian kidnappers in dramatic escape'

By Mail Foreign Service

Last updated at 5:08 PM on 26th August 2009

<http://www.dailymail.co.uk/news/worldnews/article-1209171/French-spy-kills-Somalian-kidnappers-dramatic-escape.html>

A French security agent kidnapped by insurgents in Somalia has escaped by killing three of his captors, Somali officials have claimed.

The agent, one of two kidnapped last month, is now safely under protection at the presidential palace, officials said.

Military officer Farhan Asanyo, told how the man unexpectedly approached government soldiers early this morning, identified himself and said he had escaped.

'The man told them that he was one of the French officials held by militants,' he said.

'He said he escaped after killing three of his captors, and we sent him to the presidential palace.'

But French Foreign Ministry spokesman Eric Chevallier said the security agent was freed without violence.

'Contrary to certain allegations and rumours, this (the escape) happened without violence and France did not pay a ransom,' Chevallier in an online briefing. Chevallier said that a second French hostage was still being held.

The French agents were abducted in July from a hotel in the Somalian capital Mogadishu, which was divided at the time between rebel groups al-Shabab and its ally Hizbul-Islam.

The security officials had been in the country to train Somalian government forces fighting Islamist rebels.

Militants said at the time of the kidnapping that the two men would be tried under Islamic law for alleged spying and conspiracy against Islam.

Foreigners rarely travel to Somalia, which is among the most dangerous countries in the world.

The country has not had a functioning government since a brutal dictator was overthrown by warlords 18 years ago.

Kidnappings for ransom have been on the rise in recent years, with journalists and aid workers often targeted.

Journalists Amanda Lindhout from Canada and Nigel Brennan from Australia have now been held in Somalia for a year.

The country's lawlessness has also allowed piracy to flourish off its coast, making the Gulf of Aden one of the most dangerous waterways in the world.

Many fear the power vacuum in Somalia will provide a haven for terrorists, as the military and police force are weak and in disarray.

Various Islamist groups have been fighting the U.N.-backed government since being chased from power over two years ago.

Somalia's capital, Mogadishu, sees near-daily battles between government and insurgent forces. Tens of thousands of civilians have been killed.

The U.S. government - haunted by a fatal military assault in 1993 chronicled in the film Black Hawk Down - is working to lower the growing terrorist threat without sending in troops.

President Barack Obama recently increased aid to Somalia by pouring resources into its weak government.

<http://www.dailymail.co.uk/news/worldnews/article-1209171/French-spy-kills-Somalian-kidnappers-dramatic-escape.html>

For Your Thighs Only!

Spy school girl's secret service as a hooker

<http://www.newsoftheworld.co.uk/news/430668/For-Your-Thighs-Only-Spy-school-girls-secret-service-as-a-hooker.html>

THE game's Bondage, shameful Bondage . . . for punters who want to bed a real-life Miss Money Penny.

For we can reveal a blonde from a top British spy centre has a secret unofficial licence to thrill - as an internet HOOKER.

By day bespectacled former RAF officer Karen Bulloch can be found at the highly sensitive Chicksands Defence Intelligence Security Centre - one of the most secure military installations in the country. But by night, privately educated Bulloch, 40 - who lives with military husband Gordon on the base - turns into a COCAINE- PEDDLING DOMINATRIX with the cover name Courtney.

"What you can imagine, you can buy. I do head-to-toe leather and wear a collar - most men like it round their neck," she purred at our undercover man who set up a hotel rendezvous through her personal escort website.

"I do anything from military girls in uniform, to nurses and schoolgirls. I work hard and play hard. I'm gonna hurt you."

Stockings

Bulloch even pretended she was the personal assistant to a senior officer at Chicksands.

We soon discovered any terrorist posing as a potential customer would have little difficulty persuading leggy Bulloch to talk about what goes on behind the heavily-guarded walls of the base where SAS tutors train Royal Marines in the secrets of withstand- ing interrogation.

Wearing a white lacy cocktail dress and stockings, all it needed to get the blonde to blow her cover was the prospect of getting our man into bed for £150 an hour.

"I work at Chicksands. I'm a PA there and I could get into trouble for this," she fibbed, before revealing details of her day at the intelligence unit. And her tongue can be loosened even further by her other passion - cocaine. "If you want it for, you know, a good night - no problems getting it," she said. Her husband's bosses at the spy centre in Bedfordshire would go ballistic over the blackmail dangers if they saw her website which shows dozens of sordid pictures of her and boasts: "Your fantasies can be achieved in my company."

One clue hinted at her high security home on the base: "Due to my living arrangements, all calls will be in local hotels."

She spilled the beans on randy officers at Chicksands, which bristles with secret listening devices. "They're at it all the time," she said. Bulloch told how she even bumps into military officers online trawling the net for sex. "Especially Americans - they're b*****s".

Her regulars include a cop, a British Airways pilot and a doctor. "He's slowed with age - so he prescribed himself Viagra," she laughed.

Soon it was time for Bulloch to press on with her mission in the Bedford hotel room. Asking for £350 from our man she stripped saying: "Is this OK?"

But he was neither shaken nor stirred - and gave this Money Penny her marching orders. An MoD spokesman said: "I can confirm the lady in question is not employed by the MoD. This matter is under investigation."

<http://www.newsoftheworld.co.uk/news/430668/For-Your-Thighs-Only-Spy-school-girls-secret-service-as-a-hooker.html>

At the time I looked at this, tipped off by a telcon from a long standing member, the website had four interesting comments and pictures of this interesting woman. Personally I'd sooner have the elephant's cage antenna and the equipment it served. Worth a visit to the website any case.

Russia expels two Czech diplomats in spy row

(Agencies)

Updated: 2009-08-19 00:48

http://www.chinadaily.com.cn/world/2009-08/19/content_8585273.htm

MOSCOW: Russia has ordered two Czech diplomats out of Russia, Interfax news agency reported on Tuesday, in a spying row between two countries at odds over US plans to install an anti-missile system in Europe.

The expulsion follows Czech media reports on Monday that two Russians had been ordered out of Prague, including a deputy military attache. Prague has previously complained about an increase in Russian spying, linking it to the US plans.

Formerly part of the Soviet bloc, the Czech Republic is now a member of NATO and the European Union. Its relations with Moscow have cooled over its interest in hosting a US radar base and its support for Georgia during last August's war.

"This unfriendly act by the Czech side, which declared two of our diplomats 'persona non grata', could not be left without a response," the Russian official told Interfax. "Two Czech embassy workers in Moscow were told to leave Russia."

"It is surprising that this information became public knowledge despite the fact that the Czech side itself proposed not to allow any leaks," the Russian official told Interfax.

The Czech expulsions were first reported by the website www.idnes.cz on Monday.

When asked about the report, Russian Foreign Minister Sergei Lavrov said it was "another provocation".

Russia has also been involved in the reciprocal expulsion of diplomats in recent months with both Ukraine and NATO.

http://www.chinadaily.com.cn/world/2009-08/19/content_8585273.htm

Sudan president replaces intelligence chief

Fri Aug 14, 2009 5:21am EDT

<http://www.reuters.com/article/africaCrisis/idUSLE513341>

KHARTOUM, Aug 14 (Reuters) - Sudanese President Omar Hassan al-Bashir has replaced his security and intelligence chief Salah Gosh, who has been accused by a Western rights group of having a role in abuses in the western region of Darfur.

The official SUNA news agency, which reported the move late on Thursday, did not give a reason for moving Gosh, viewed as an influential figure in Sudanese politics for many years. SUNA said Gosh would move to be an adviser to the president.

The U.S.-based Human Rights Watch has accused Sudan's security body of abuse and has called for the International Criminal Court to investigate Gosh's role in the Sudanese government's attempts to quash rebels in the Darfur region.

Bashir has been indicted by the International Criminal Court (ICC) over crimes in Darfur, where rebels took up arms against the government in 2003 saying the region was being neglected.

Bashir "has issued a republican decree appointing General Salah (Gosh) as a presidential adviser", the report said, adding Mohammed Atta al-Moula, now the deputy and director for national security and intelligence, would replace him.

Moula, an engineer by training, joined national security in 1992 and was made deputy in 2002, Sudan's independent daily Al Sudani newspaper said.

In a rare interview with Reuters in 2004, Gosh said the government had armed tribes against Darfur's rebels. He said human rights violations had taken place but promised to bring the perpetrators to justice.

Estimates of the death count in Darfur since fighting started range from 10,000, according to Khartoum, to 300,000, according to the United Nations.

Gosh joined national security 1990 and in 2002 he was given the top job, Al Sudani reported.

The government intelligence body merged with security in 2004 and is one of the most powerful institutions in government. (Reporting by Skye Wheeler)

<http://www.reuters.com/article/africaCrisis/idUSLE513341>

MI6 officers in revolt after Sir John Sawers is appointed as new spy chief

By Daily Mail Reporter

Last updated at 9:43 PM on 11th August 2009

<http://www.dailymail.co.uk/news/article-1205880/MI6-officers-revolt-Sir-John-Sawers-appointed-new-spy-chief.html>

MI6 officers are in a state of 'near mutiny' over the appointment of Sir John Sawers as their new chief, which they view as a 'political stitch-up'.

Senior security sources say that Gordon Brown has sought to increase Downing Street's influence over the Secret Intelligence Service by drafting in Sir John from the Foreign Office to become the next 'C'.

Spy chiefs had expected Charles Farr, a serving MI6 officer who is Whitehall head of counter-terrorism operations, to take over from Sir John Scarlett in November.

His appointment was seen as a 'done deal' until the Prime Minister stepped in to pick Sir John, who it is feared is more likely to do No 10's bidding.

MI6 sources in New York, where Sir John is Britain's ambassador to the UN, say that he had no idea the job was even available until he received a call from No 10 asking him to apply. Security sources say the appointment has left staff at the

Vauxhall Cross headquarters in revolt and talking openly of their displeasure.

An MI6 officer told a contact: 'It's far worse than when Scarlett took over. He was tolerated when he came back even though he was seen as too close to the politicians.

'There has been a near mutiny over Sawers. The atmosphere is quite tense.'

Sir John spent about seven years with MI6 early in his career. But having left to become a conventional diplomat, he is not seen as 'one of us' by SIS officers, who pride themselves on their impartial advice.

A security source said: 'This is seen as a more blatant attempt at political control than even Blair managed.'

Sir John's suitability has already been called into question after it emerged that his wife published family details, the location of their London flat and photos of the couple on holiday on Facebook.

Read more: <http://www.dailymail.co.uk/news/article-1205880/MI6-officers-revolt-Sir-John-Sawers-appointed-new-spy-chief.html#ixzz0NwtscKx>

and there's a story on state surveillance that's interesting as well:

<http://www.dailymail.co.uk/news/article-1205419/March-state-spies-One-78-adults-came-state-sanctioned-surveillance-year.html>

Spv chiefs on move in agency shake-up

Patrick Walters, National security editor | February 26, 2009

Article from: The Australian

<http://www.theaustralian.news.com.au/story/0,,25107849-2702.00.html>

DAVID Irvine, the head of the Australian Secret Intelligence Service, will become Australia's domestic spy chief at the end of next month.

Foreign Affairs Minister Stephen Smith confirmed yesterday that Mr Irvine, 62, would take the helm of ASIO, succeeding Paul O'Sullivan.

Mr Irvine had a distinguished diplomatic career before being appointed director-general of ASIS, Australia's covert overseas intelligence agency, in 2003.

An Indonesian speaker, he has served as Australia's ambassador to Beijing and high commissioner to Papua New Guinea.

During his five years in charge of ASIS, Mr Irvine presided over a big expansion of the organisation and a doubling of its budget.

Steven Robinson, Mr Irvine's deputy at ASIS, will act as director-general from March 27, pending a decision by the Government on the appointment of a new director-general.

Mr O'Sullivan, 61, who has headed ASIO since July 2005, will become Australia's high commissioner to New Zealand, succeeding John Dauth, who late last year became high commissioner to London.

A career diplomat, Mr O'Sullivan served as Australia's ambassador to Germany from 1999 to 2003 and deputy head of mission at the Australian embassy in Washington from 1996 to 1998.

As previously reported in The Weekend Australian, there will be a complete changeover in the leadership of Australia's key intelligence assessment agencies this year, with the Rudd Government due to appoint a new head of the Office of National Assessments later this year.

The head of ONA, Peter Varghese, 52, is expected to become Australia's next high commissioner to India, replacing John McCarthy.

As well as new chiefs at ASIO, ASIS and ONA, the Rudd Government recently appointed Major General Richard Wilson to lead the Defence Intelligence Organisation.

In other appointments announced yesterday, Kevin Rudd's foreign affairs adviser, Gary Quinlan, has been appointed Australia's permanent representative to the UN.

Mr Quinlan, who has worked in the prime minister's private office since 2007, will replace former Howard government minister Robert Hill.

A career diplomat and former high commissioner to Singapore, Mr Quinlan joined the Department of Foreign Affairs in 1973.

<http://www.theaustralian.news.com.au/story/0,,25107849-2702.00.html>

Police foil 'suicide plot' to storm Australian army base

Anne Barrowclough in Sydney

From The Times

August 4, 2009

<http://www.timesonline.co.uk/tol/news/world/article6738218.ece>

A group of Islamic extremists who were detained today planned a suicide attack on an Australian army base with the aim of killing as many soldiers as possible, a court was told.

One man has been charged with planning a terrorist act and police have been granted extra time to question another three men arrested this morning in a series of counter-terrorism raids across Melbourne.

About 400 police officers and members of the Australian Security Intelligence Organisation swooped on 19 properties, detaining several men, all Australian citizens of Somali and Lebanese background, in the pre-dawn raids.

A fifth man, in custody on other matters, was also being questioned and police have not ruled out more arrests.

Police allege the group was at an advanced stage of preparing to storm army barracks in Sydney and Melbourne in retaliation for Australia's military involvement in Afghanistan and Iraq.

Kevin Rudd, the Australian Prime Minister, said the discovery of the plot would not force him to pull troops out of Afghanistan.

He admitted the Afghan operation, which claimed its eleventh Australian life last month, was unpopular but said that it was necessary to cut off militant training opportunities.

"If we're to deal with the threat of terrorism at its various levels we must be dealing with where terrorists are trained," Mr Rudd said.

Members of the hardline group had been observed carrying out surveillance of Holsworthy Barracks in Sydney and of military bases in Victoria. Electronic surveillance also picked up discussions about how to obtain weapons to carry out what would have been the worst terror attack on Australian soil.

"The men's intention was to get into the army barracks and kill as many as they could," Tony Negus, acting Commissioner of the Australian Federal Police, said. "They were planning to carry out a suicide terror attack. . . a sustained attack on military personnel until they themselves were killed."

Andrew Scipione, Commissioner of New South Wales Police, said that a terrorist attack on Sydney's Holsworthy Barracks was "likely imminent" when police carried out the raids.

Melbourne Magistrates' Court heard how, during a seven-month-long investigation dubbed Operation Neath, police had gathered "voluminous" amounts of telephone intercept recording material, including text messages, about the planned attack.

Nick Robinson, prosecuting, told the court that the men, named as Nayaf El Sayed, Saney Aweys, Yacqub Khayre and Abdirahman Ahmed, planned to arm themselves and enter the Holsworthy base to try to kill as many soldiers as possible.

"To become self-proclaimed martyrs?" Peter Reardon, the magistrate, asked.

"Yes," Mr Robinson replied.

Text messages uncovered by investigators were read out to the court, including one sent from another suspect on March 24 that read: "Can you give me the address of the Australian A and the name of the train station."

Mr Robinson said another text message had been sent from a pay phone on March 27 giving directions to the Holsworthy base from the train station.

He said that CCTV footage showed that the suspect had "attended" the Holsworthy base on March 28. The man then allegedly sent a text message which read: "I strolled around... it is easy to enter."

Police believe the cell is linked to the Somali-based terror organisation al-Shabaab, a militant group affiliated to al-Qaeda. Members of the group recently travelled to Somalia to undergo training with the organisation, according to The Australian newspaper.

Operation Neath was launched after police intercepted a phone call between an Australian-Lebanese man they had been monitoring, and a Somali living in Melbourne, in which the Lebanese asked for help to travel to Somalia to fight with al-Shabaab, The Australian reported.

The Lebanese man's calls had been monitored after he came to the attention of the authorities for espousing extremist views at his local mosque in Melbourne. Over the following months the police became increasingly concerned as the group discussed ways in which they could obtain weaponry and planned to seek a religious ruling supporting an attack on Holsworthy barracks.

Australian security services have been concerned for some time about the growing threat of extremist attacks on home soil.

Last year the federal Attorney-General, Robert McClelland, warned that a terrorist threat was just as likely "to emanate from disgruntled and alienated Australian youth as from an overseas organisation".

The most recent report by the Australian Security and Intelligence Organisation (ASIO) also outlined the threat from "a small but potentially dangerous minority of Australians who hold extremist views and are prepared to act in support of their beliefs".

However, while police have suspected for some years that there were links between a minority of the country's 16,000-strong Somali community and militants in their homeland the links had never been proven. A police investigation into extremist activities within the community in 2007 failed to establish any wrongdoing.

A terror analyst criticised the Australian government today for being complacent in its attitude to the terror threat at home.

Dr Anthony Bergin, director of research at the Australian Strategic Policy Institute, told The Times: "This plot underlines the need for a comprehensive counter-radicalisation strategy in Australia."

Despite security forces acknowledging that a growing number of alienated young Australian Muslims were being drawn to the extremist cause, he said, the government had developed no strategy that would give it an insight into how serious the problem might be.

"We simply don't know what is going on in those at-risk groups in Muslim neighbourhoods," said Dr Bergin. "We really lack a body of knowledge that would give us a good indication of what is going on at the local level."

Dr Bergin pointed out that a speech by Mr McClelland two weeks ago underlining the need for the government to focus on the risk from home grown extremists was the first speech by a minister devoted to the subject since the attacks on the US on September 11, 2001.

"This plot will provide a wake-up call that we can't be complacent about these issues," he said.

Australia has not suffered a peacetime attack on home soil since a bombing outside a Sydney hotel during a Commonwealth meeting in 1978 that killed three people. But 95 Australians have been killed in bomb attacks in Indonesia since 2002.

Operation Neath is the second largest terror investigation in Australia. In February, Abdul Nacer Benbrika, a fanatical cleric who planned to wage jihad by launching "terrible acts of violence", was sentenced to at least 12 years in jail after becoming the first person in Australia to be convicted of leading a terrorist organisation.

<http://www.timesonline.co.uk/tol/news/world/article6738218.ece>

THE CIA, SIBERIA AND THE \$5M BAR BILL

A FEDERAL COURT CASE REVEALS A BIZARRE TALE OF POST-9/11 OPERATIONS IN AFGHANISTAN

By SHARON WEINBERGER

Posted: 3:53 am

August 16, 2009

http://www.nypost.com/seven/08162009/postopinion/opedcolumnists/the_cia_siberia_and_the_5m_bar_bill_184851.htm?&page=0

On Dec. 4, 2001, five members of a Las Vegas-based charter crew were detained by Russian authorities after they landed without visas in Petropavlovsk. The remote Russian city, located on the Kamchatka peninsula and surrounded by active volcanoes, is nine time zones east of Moscow and cannot be reached by road.

Three days earlier, the privately owned Boeing 737 had left Biggs Army Airfield in Texas, carrying the crew and 16 Americans traveling on tourist visas. The plane, a luxury aircraft outfitted with wood paneling and a three-hole putting green, had been chartered by a small company from Enterprise, Alabama, called Maverick Aviation.

What the plane and its passengers were really doing in Russia in the middle of winter is only hinted at in an appeal filed by two federal prisoners this year. But interviews with those involved in the case reveal a secretive, and sometimes comical, mission to strike back at the Taliban after 9/11 -- a rare glimpse into the CIA's efforts in Afghanistan.

According to unclassified court documents, the group was traveling to a helicopter plant in Siberia, where Maverick Aviation, which was experienced in acquiring Russian aircraft for the US military, was planning to buy two helicopters for a "customer."

Not mentioned: That "customer" was the Central Intelligence Agency.

The CIA needed Russian helicopters because of its clandestine operations in Afghanistan. On Sept. 24, 2001, a Russian-made helicopter loaded with \$10 million in cash carried a small CIA team into Afghanistan's Panjshir Valley. Code-named "Jawbreaker," the mission was to cement support among tribal leaders and pave the way for US military operations. It was the first entry of Americans into Afghanistan after the terrorist attacks of Sept. 11.

The aging helicopter, an Mi-17, was the team's only way of getting in or out of the country. Though hardly state-of-the-art, the Russian helicopter had a distinct advantage for the CIA: it allowed the agency to operate relatively unnoticed in an area where Russian equipment left over from the Soviet occupation was commonplace.

There was only one problem: The CIA owned only one Russian helicopter. It needed more, but a clandestine American agency couldn't exactly pick up the phone and call a Russian factory. So it turned to Jeffrey Stayton, then the chief of the Aviation Division at the US Army Test and Evaluation Command and an expert in Russian copters.

Stayton's plan was to find a private American company to buy the helicopters, send a team of people over to pick them up from a plant in Siberia, modify them to CIA standards, and then get them to Uzbekistan, a staging ground for CIA operations into Afghanistan. And they would do it all within a matter of weeks.

Eventually, the team included William "Curt" Childree, whose company, Maverick Aviation, won the contract to buy the helicopters and organize logistics; Army personnel and contractors from El Paso with experience modifying Russian aircraft for use by the US military; and then "six guys from the customer's office," as Stayton put it (a CIA team that included special operations personnel).

That's when things started to get complicated.

In an interview, the pilot, Fred Sorenson, said he thought visas they had ordered would arrive by FedEx by the time the plane landed. When he found out over satellite phone that the papers hadn't arrived, the plane was already descending, so he hid the fact from the crew for fear of a cockpit argument. The team was detained on arrival.

In the end, the visas came, and the crew was released the next day. But when the plane finally made it to Ulan Ude, in Siberia, the crew and passengers faced more challenges. To say merely that it was cold does not capture the Siberian winter, where temperatures that month approached 30 degrees below zero. Even worse, the team was in a Russian hotel with spotty electricity and limited heat.

The charter crew was shocked at the conditions (Siberia, after all, was off the beaten track of their typical VIP clients), but the Army personnel from El Paso also seemed woefully unprepared. None of them had ever been to Russia before -- some had never left Texas -- and the rough conditions shocked them. "I had the sense that I might end up in a Russian jail," Kimberly Boone, a Russian translator for the Army, later recounted in court testimony.

Several members of the team grew sick with flu-like symptoms. There was also a major hitch with the helicopters. According to the factory, there was the equivalent of a mechanic's lien on the helicopters, and they couldn't be released. While Stayton and Childree attempted to negotiate the release from the factory, the Army personnel were told to act like tourists on a winter getaway to Siberia: They visited a Buddhist monastery and shopped for fur coats.

Childree, by then suffering from pneumonia, flew to Moscow to meet with the broker, where he found that a competitor (no one knows for sure who) had apparently offered \$30,000 to kill the deal.

After some heated discussions, the helicopters, which cost about \$1.6 million each, were released.

Back in Siberia, meanwhile, Stayton was having problems with Brian Patterson, the Army warrant officer in charge of the El Paso team, who, according to multiple people on the trip, was drinking heavily.

Lisa Teuton, a flight attendant for the charter company, recalled several members of the El Paso team drinking and bragging about their work for the CIA. "It just blew me away," said Teuton. "I thought they would have been more professional and more secretive."

The charter crew, fed up with the delays and the conditions, threatened to leave, but the El Paso team was having none of it. According to Sorenson, chief warrant officer Patterson poked him in the shoulder and said: 'If you leave, we'll shoot you down.'

Patterson laughed when asked about the incident. "I would like to know how I could accomplish that," he said.

That night, while the others were settled in their rooms, the crew surreptitiously checked out of the hotel. They used some of their remaining cash and alcohol to bribe airport personnel not to notify the Army of their departure. With no cash left for additional fuel, and no clearance to fly over China, the aircraft headed toward Japan, as the flight attendants kept watch out the windows to see if they really would be shot down.

The real question was: Did anyone not know it was a CIA trip? The CIA team had traveled under the amusingly obvious cover name of Donovan Aerial Surveys (William "Wild Bill" Donovan is regarded as the father of the CIA). The Russians in Ulan Ude were wondering what a group of private Americans were doing in Siberia in the middle of winter buying helicopters.

"They were very curious the whole time [about] why we were there; they would ask questions: 'What are you doing?' " Joe Perry, a master sergeant on the mission, recalled. "Our rooms were bugged . . . It was just unreal some of the things they were doing."

Relations with the Army team had been bad from the start. Stayton was unhappy with many of them, and the CIA considered them a nuisance. After one final argument, Stayton informed the Army's Patterson that his team was going home immediately on commercial flights. The CIA team would finish the work on the helicopters.

Less than a week later, the two helicopters were packed in an Antonov cargo plane. When Stayton and the CIA personnel left Russia on the evening of Dec. 31, 2001, they had just 30 minutes left on their visas.

From the perspective of the CIA, the mission to Siberia, whatever its quirks, was a success. But the contract, which was administered by Army officials in New Mexico unaware of CIA involvement, quickly attracted scrutiny from the Army Criminal Investigative Division.

Agents found some unusual things. For instance, Army officials paid the most of the \$5 million contract in a credit card transaction in an El Paso bar called the "Cockpit Lounge." More troubling, the file was missing signatures; included few of the required supporting documents; and no invoices. When asked by investigators to explain why he allowed so many irregularities to go unnoticed, Edwin Guthrie, the contracting officer, responded: "Sleep apnea."

There were other strange aspects, all related to the CIA's secret involvement. Money allotted to pay expenses associated with mystery "subcontractors" (CIA personnel traveling under fictitious names); helicopters bought by the military being given civilian registration numbers (another quirk of CIA aircraft); and large cash transactions (typical of Russia). "They, the government, really leaned on me," said Childree, noting that provisions, such as support for the CIA personnel, were added on to the contract at the last minute.

Investigators also focused on all the problems that took place on the trip, which the El Paso team blamed on Maverick Aviation and Stayton. "It was a nightmare," recounted Boone, the Russian translator (it was Boone's first trip to Russia).

But John Wilson, whose company also competed for the helicopter contract and was interviewed by law enforcement officials, was surprised that anyone thought the problems were a big deal. Buying helicopters in Russia isn't easy. "I sat there going: Is that all?" he said. "That's a good trip; I mean, really, honestly and truthfully, that was a pretty good trip as far as normal stuff goes."

In December 2007, six years after the mission to Siberia, Army official Stayton and private contractor Childree went to trial in the Middle District of Alabama on charges of defrauding the government.

A five-year investigation into the mission that spanned from Ulan Ude to Enterprise revealed that just days after returning from the mission to Russia, Childree wired money from his bank account to pay off Stayton's second mortgage -- about \$61,000.

Both Stayton and Childree maintain the payment was a loan between two friends of 30 years, and had nothing do with the contract. But Stayton never listed the financial relationship on a government disclosure form, and other than a thank-you note to Childree, the two men never memorialized the loan in any paperwork. Government prosecutors argued the problems on the mission were the result of Maverick Aviation's lack of planning. The payment was not a loan, they said, but a payoff made so that Stayton would steer the contract to Childree's company (although Maverick had the lowest price of three bidders) and to cover up his poor performance.

Complicating matters, the judge ruled that no classified information could be used at trial: no mention of the CIA, Afghanistan, or even "9/11."

While acquitted of bribery, both men were convicted of fraud, and Stayton was found guilty of the additional charge of obstruction of justice. Both Childree and Stayton, who are appealing their conviction, believe that if the jury had known the real purpose of the helicopters, they would have understood the seemingly strange parts of the mission were not a cover up.

Childree, now 70, is scheduled to be released from prison next year; Stayton, 59, won't be released until 2012. Both have been diagnosed with cancer and are receiving treatment in prison medical facilities.

Secrecy still has a weird effect on the case: Stayton, in interviews, won't use the name "CIA" when referring to the mission, even though the agency, for its part, treats its "secret" Mi-17s as an inside joke. The first Russian helicopter in Afghanistan was painted with the fictitious tail number 91101 -- a reference to the 9/11 attacks.

What never came out at trial was the crucial role the Mi-17s played in the early months of military operations, when they were used to transport and resupply CIA paramilitary teams in Afghanistan. One picture taken during Operation Anaconda in March 2002 shows one of the CIA aircraft bought by Maverick being used by special operations personnel to transport a wounded Northern Alliance member. Though widely available, the picture was classified by the government at trial.

In response to questions about the CIA's involvement in the mission to Siberia and its procurement of Mi-17 helicopters, George Little, a CIA spokesman, replied: "The CIA does not, as a rule, comment one way or the other on allegations regarding the agency's contractual relationships." Sharon Weinberger is the author of "A Nuclear Family Vacation" (Bloomsbury).

http://www.nypost.com/seven/08162009/postopinion/opedcolumnists/the_cia_siberia_and_the_5m_bar_bill_184851.htm?&page=0

Our Stella – she's a star.

We speak of course about Dame Stella Rimmington, once DG of MI5 and now entertaining authoress. Our Stella has written five books, one an autobiography, 'Open Secret' and four novels in the 'Liz Carlyle' series.

Liz is an investigating officer at Thames House and has tackled some interesting cases in the four books: 'At Risk,' 'Secret Asset,' 'Illegal Asset' and 'Deadline.' There's another in the pipeline too, "Present Danger."

It is plainly obvious that Dame Stella has called upon her own experience to manufacture the plots and write comprehensively about the tradecraft used by 'Liz Carlyle' and A2 and A4 branches. I even recognised one passing reference to a businessman passing docs to the Russians where Liz had to appear as a witness and I could recognise Michael Smith, Rafael Bravo and Ian Parr there.

Anyway one of the books, 'Illegal Asset' has an illegal as a character. She communicates with her controller twice in the book but not by Number Stations. Dame Stella writes, "She went to the bedroom where two computer bags sat in the corner, and carried them both to the pine desk in the sitting room. One bag held a small black machine that resembled a sleek sort of player; the other was a laptop computer. Connecting the two with a USB cable, she pressed a button on the black machine and watched as it transferred to the laptop data that it had recorded in her absence. On the computer she then ran a software routine that filled the screen with numbers."

I mistakenly thought that Stella was intimating the message had come via the net – very difficult to actually read a novel in the coach, follow the story whilst answering your wife every time something of her interest passes.

Anyway I put this matter via someone with the knowledge about sending messages around the net, losing it amongst a tortuous path of nodes – actually suggested by Stella later on in the book when she gets the go ahead to top Liz Carlyle outside the Battersea safe house [how anything is safe about Battersea is another Stella mystery – only marginally better than Croydon nowadays].

Anyway the answer I received [*thanks for this – you know who you are*] is this:

"To quickly answer your question: scrambling node information on a PC fitted with a special card is a bit of a waste of time. The routers & switches in between the sender and recipient will have records of the nodes used to send the message, the nodes will be ISP nodes, trunk route nodes as well as perimeter network nodes. The records would be available for analysis very easily, as traffic logs.

(Think how IT Service companies remotely monitor network devices...they may not know the content of the traffic...yet...but they will know the source & destination).

That's the nature of TCP/IP. You can "wrap" the traffic in a secure tunnel (like internet banking HTTPS or SSH etc) but that is probably not secure enough, and anyway it shows source and destination addresses that can be found and identified, if not the actual payload or message. Proxy servers can mask net traffic, that's why China & certain Arab states ban them. Check out Proxy servers on Wikipedia.

Note that today's hackers are not the script kiddies and teenage hackers so loved by the media, they are Regiments and Divisions of hostile governments, with the technical resources to mount and maintain significant attacks on their adversaries. Think Electronic Warfare 25 years ago....

However, there are many forms and types of software that mask or hide messages. There are also hardware devices that can fulfill the same function. The solution would be a combination of these things and more, such as a proxy server, a hardware (at the network level) encryption device, and additional security around the PC.

At a fundamental level, hiding or scrambling the route taken by messages would be difficult, if not impossible, because of the very nature of TCP/IP traffic. Remember that the traffic will pass through many routers, which can be monitored. So tracing source to destination can be easy. Difficulty is the analysis of the sheer volume of traffic, its source and destination.

In Europe, out of band reporting (ie not using the public internet or telephony circuits) from the ISP to monitoring organisations is possible on all forms of digital transmission. (RIP Act, amended OSA). Remember everything going via the Internet (email, telephony, landlines, cell phones) is monitored (including this email!).

Catching someone in front of the screen (whatever digitally TCP/IP connected form of screen is used to transfer messages) is the hard part.

As is catching someone using an analogue device as a means of communication, such as a radio.

I think you need to turn the question on its head, and ask it this way:

How would you protect a message that must travel from A to B via the public telecommunications networks, or networks that are not controlled or managed by yourself. Assume that once the message has left your "air space" or perimeter, it is in hostile territory till it arrives at its destination. (IE your Internet connection routes through the middle of China or Syria etc). Once at its destination, its very existence or record of its existence, must be completely hidden. The hostile attack vectors are employees of a Foreign Intelligence Service with significant resources to hand, as well as volume of data for analysis. Note: intercepting the contents of a message may not be as valuable as discovering its source and destination.

Protection of the message will use many layers, and I am not convinced that all messages crossing the internet to a destination in a hostile environment can be fully protected to a desired standard at the moment."

So there you have it – I'm still in a state of confusion since our Stella did in fact write more about our illegal's message being lost in transit via the net but on the first show the message was picked up without any net connection.

Reasonably good books but whatever happened to the chalk marks on telegraph poles or walls, coke cans left on Holland Park bollards and suchlike?

On another tac and with the short entitled 'Call for inquiry after MI5 'recruited al-Qaida sympathisers' above in mind, our Stella has written one novel where a mole, inserted deeply into MI5 but thwarted by Tony Blair's Friday Agreement cannot serve his IRA masters turns to his own devices [so to speak] and apparently acts on behalf of al Qaida.

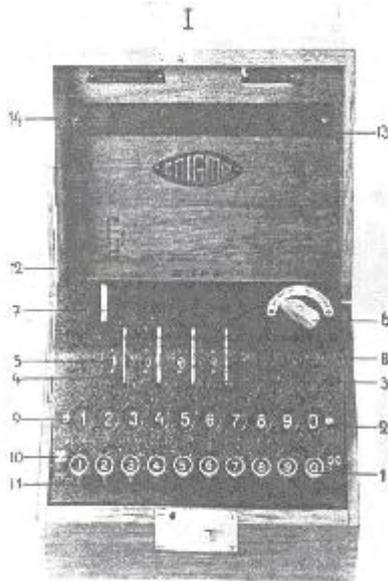
Now, I wondered if our Stella reads the Newsletter; she might even be a member for all I know or care, but in her most current novel she mentions a little about the 'boring war' in Aden and more than once! [*Apologies to the members who carry unwanted memories from that Colonial engagement*]. So, we've had number stations hinted at and now this. Wonder what will happen in her new novel yet to be published? Probably be about some number station listening nut writing something he shouldn't in the Newsletter! Watch this space – we'll let you know.

HJH E2K WATCH

JOHN BARNARD JENKINS- A CORRECTION AND AN APOLOGY.

Member and readers of our Newsletter will recall the article written by me some years ago called "Smokey Dragon." In this I reported that the above named person had died some years ago. In a recent email from Mr. Gareth Jones to ENIGMA 2000 it was claimed this was not so. After checking with various sources, none of which were my original two from whom I had obtained this information. In fact, Mr JB Jenkins is still alive, and I offer an unreserved apology to him, his family and friends for any distress this article may have caused. May I also offer my thanks to Mr. Jones for pointing out this serious mistake, and offer my thanks to Paul for the space and opportunity to correct this. HJH July 2009

AN ENIGMA FOR ENIGMA



ENIGMA TYPE Z.

No guys, you are not seeing double. This version of the Enigma machine really could have been made with we number station aficionados in mind. Or, alternatively, for a user of a number station transmitter! As can be seen from the photograph, it has a single row of buttons, the style of which is identical to the standard Enigma machine, save for the fact that it consists solely the numbers 0 to 9. It also has no plug board. It is however, equipped with the wheels of the standard Enigma machine, and the lamps corresponding to the numbers on the keys. The wheels are 4 in number, consisting of three revolving wheels and one rota table reflector. The cores of these wheels are smaller in size than the standard machines. Instead of the standard 26 contacts on the wheels bearing letters, these wheels have only 10 contacts, for the numbers 0 to 9.

This machine was first seen by me on the excellent web site of Jerry Proc. The documents referring to this version of Enigma, which is named Enigma Z, were found in the archives of the Spanish Foreign Ministry. Most of the details for the original article in "Cryptologia" come from an brochure of the period dealing with this particular model of Enigma. The few known details are outlined here, courtesy of Jerry Proc. His site is a goldmine for anyone interested in cryptology and the associated machines that go with that fascinating subject. He also has more sites dealing with sonar and radio and communications especially related to the Royal Canadian Navy.

The size and dimensions of this example are similar to a standard machine. It can be powered by battery or an external plug-in unit. The power supply requirement is 4 volts. In the case of this Type Z Enigma, the carrying case was made of oak. Given that there is no plug board fitted to this model, and the absence of any ring-core mechanism, the key must comprise only two elements. The "inner key" designates the name and order of the rotors. (Spare rotors or reflectors are not mentioned in any of the two documents found regarding this machine.) The "outer key" could give the setting of the rotors. Thus, a key might have been expressed as follows: - "III I II 5 2 81"

There is no wiring schematic available for this model Z machine. The only written example of encryption available in the small hand brochure is as follows: - CLEAR TEXT "2518391467." ENCRYPTED NUMBERS: - 38760 15924." Despite no machine settings being given for this sole example, it can be seen that a number cannot be expressed as itself in encryption format. It is further apparent that the Enigma Z was a nonreciprocal machine. This cannot, however, be proved. No purpose for this machine is immediately apparent. (We, as numbers enthusiast, could help there!!!) One would be to add a further level of encryption to an already encrypted message. (The so-called super encipherment.) Spanish diplomatic codes of the 1930a are known to have used such superencypherment. The standard model of Enigma. Properly used, would render obsolete the need for such a book code as would be used with this system. A record of a report from the Spanish ambassador in Berlin in 1931 says that a crypto machine, (Enigma) is a good option, but only if used with a book code key system. A second use would possibly be for the encryption of weather reports or other information of a numerical nature. (Magdeburg Annie could have used one of these!) Alternatively, it could have been intended for use in tandem with the model of Enigma which had the standard letter type keyboard. Granted, this would have been a clumsy affair, and would NOT have been popular with the operators tasked with sending such messages. It would have been ideal for doubly encryption of a message already encrypted using a book or alternative numerical code.

Surviving records show that the Model Z was not bought by the Spanish. However, during the Spanish civil war of 1936 to 1939, the Enigma Model D was used by General Franco's Nationalist forces. Also, the German Condor Legion, (This unit comprised German soldiers and airmen in Spanish uniform, equipped with mainly German weapons and fighting for Franco) used this machine as did the Spanish "Blue Division", Spanish anti communist volunteers who fought in Russia on the German side in WW2. This machine was the fully equipped Enigma, although not regarded as so highly secure as those which were in service with the German Armed Forces of the day. (No doubt, they had fears of them being captured and passed on to the Soviet supporters of the Spanish Republicans.)

CREDIT:- 1. Jerry Proc, for the article and photo.

2. Senor Arturo Quirantes Ph D (Physics) of the University of Granada, Spain. Author of the original article, to whom we are indebted for sharing his knowledge of this hitherto unknown model of the machine after which our Group is named.

ANOTHER SPANISH ENIGMA (WELL, 26 ACTUALLY!!)

Hot on the heels of the last piece of Enigma Intel from Spain, comes this. In an article in the Register in October 2008, was the information that in the main Spanish Army Headquarters in Madrid in Spain, 26 Enigma machines had been found. An article in "El Pais", a Spanish newspaper, described them as being in perfect condition. They had, according to the article, been stored in a gloomy office in the HQ building and dated from the Spanish Civil war. They had been used by General Franco's forces against the republican forces.

This is as good a place as any to describe the Spanish acquisition, and use of, Enigma. Initially in 1936, General Franco obtained the first ten Enigma machines from the Germans. Having already decided to back the General in the Spanish Civil War, this was a logical next step. They did not, however, supply the full military version as was in use by the German Armed Forces of the period. Instead, the commercially available Model "D" Enigma was supplied. Although described as inferior to the model in use by the German Armed Forces and Intelligence services, it was certainly a good crypto machine. So good, in fact, that it is recorded that the Republicans never broke the code generated on these machines.

Opinions for this decision vary. It is a fair guess that the German High Command would not want their latest, and at that time, state of the art, crypto machine falling into the hands of the Republicans, who were, it must be remembered, backed and supplied by Soviet Russia (USSR.) Clearly, it would be soon in the hands of the Soviet Intelligence Services. Was "Barbarossa" on the drawing board at that time? Very possibly. The Condor Legion mentioned earlier were a unit composed of serving German Armed Forces personnel, both Army and Air Force, were armed and equipped with German armoured vehicles and tanks and combat aircraft. Armoured vehicles included the then new PzKw II and the aircraft the first models of Messerschmidt Bf 109 fighters, He111 bombers and Ju 87 Stuka dive bombers. These troops, clothed in Spanish uniforms, fought under Spanish direction and doubtless played a huge part in winning the war for General Franco. They also used the same Enigma Model D that had been supplied the Nationalist Forces. Later in WW2, the Spanish volunteers who made up the Spanish "Blue" Division which fought in the war in Soviet Russia in support of the German forces used the identical model.

The success of the Enigma, having never been broken by the republican forces in the Spanish Civil war, convinced Franco of the value of these machines.

The Spanish are thought to have acquired between 30 to 50 examples of the Enigma machine. They remained in service with the Spanish until the early 50s. This, of course, leads one to believe that the British monitors, who listened in to this traffic, would have been privy to Franco's intentions, which, given Spanish designs on Gibraltar, must have been highly advantageous. But then, given that Colossus had by then been destroyed, did they? And then again, if you had a potentially war winning weapon, which had just proved its worth, then you would naturally destroy it. Wouldn't you?
Original article in "The Register" October 2008 by Lester Haines.

SPECIAL MATTERS : **Operation Jallaa:** **One possible**

MESSAGES:

Unexplained Interference issues? Visit: <http://www.ukqrm.org>

Worried about the effects of PLT?

You will be when you read the EMC Journal Issue 83 July 2009, and rightly so.

http://www.mikeandsniffy.co.uk/UKQRM/PLTbooks/EMC_Journal83.pdf

UK Readers please take time to sign the Number 10 petition [expires 24/10/2009]:

<http://petitions.number10.gov.uk/SaveShortwave2/>

ENIGMA 2000 Group:

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

ENIGMA 2000 Website:

<http://www.enigma2000.org.uk>

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://www.brogers.dsl.pipex.com/page2.html>

NEW URL

RELEVANT WEB SITES

<http://www.eyespy.com/>

<http://www.monitoringmonthly.co.uk>

<http://www.espionageinfo.com/>

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

Please note that all items intended for publication in the next ENIGMA 2000 newsletter should be received in good time. Please send your articles, news items and requests via: enigma2000-owner@yahoogroups.com

Please indicate if you wish to be contacted direct.

If you wish to be credited with your article please indicate, otherwise all work will be treated as 'Anon'.

©ENIGMA 2000

2009 Calendar

January 2009							February 2009							March 2009							April 2009						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31								29	30	31					26	27	28	29	30		

May 2009							June 2009							July 2009							August 2009						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6				1	2	3	4							1
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31	23	24	25	26	27	28	29	
31																					30	31					

September 2009							October 2009							November 2009							December 2009								
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa		
			1	2	3	4	5					1	2	3	1	2	3	4	5	6	7				1	2	3	4	5
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12		
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19		
20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26		
27	28	29	30				25	26	27	28	29	30	31	29	30						27	28	29	30	31				

Unexplained Interference issues? Visit: <http://www.ukqrm.org>

Images of Satphone Jammers from Tehran



From an Iranian source in the Middle East [unconfirmed] | "Satellite jamming devices (manufactured locally by SaberIn Co., an IRGC company) installed on Milad Tower. "Now we know why Milad tower was constructed. The current jammers have capability of jamming satellites serving the Middle East, Turkey and Europe as we have seen during past few weeks."

<http://tehranbureau.com/jamming-devices/>



The above images and text come from a website calling itself the Tehran Bureau and claiming to be an independent source of news on Iran and Iranian diaspora.

Satellite phone jamming is surprisingly easy. The most popular satellite telephone service is called Iridium and could be taken out of action by jamming just two frequencies in the 1.6 GHz ranges which are used for call setup between the satellite and the phone. If this jammer is transmitting on the satellites frequency then no Iridium phone would work with a hundred miles or so of the jammer. If the jammer is transmitting on the mobile phones signalling frequency at a high power then it could prevent any phone working in the region ! I am told that the Inmarsat satellite mobile phones could be jammed in a similar way.

There are a number of comments for this website page and they make for some interesting reading. The Milad Tower is an interesting structure and appears to be used as a conference centre too.

More information can be found on <http://www.payvand.com/news/08/sep/1123.html>

There's also a Wikipedia entry too: http://en.wikipedia.org/wiki/Milad_Tower

If you wish to take a look at some satphones different styles are shown on: <http://satphone.co.uk/>

Thanks to the member who sent this in; to read in full (recommended): <http://tehranbureau.com/jamming-devices/>

As you are all probably aware PLdn used to pen the column 'Atencion Uno Dos Tres' in the excellent magazine 'Monitoring Monthly.' Most unfortunately, that magazine is no longer available but I had written a column for the August edition that had remained with the author. With prompts from RNGB that article is reproduced here with no change except for the title:

The disappearance of Sunday's 1830/1930z E06

Last time I closed with mention of the loss of the Sunday schedule of the Family 1A Station E06 that was broadcast every Sunday at 1830, repeated at 1930UTC. This schedule existed for a reasonable time with some lengthy messages sent. One such message was intercepted by myself on 26th August 2007 on 7.850MHz at 1930UTC. The identifier for the message was 690 with the decode key, if that is what it is, and the group count of 245 187 respectively.

The message was sent in the normal, robot like and synthesised voice associated with this station ending at 2005UTC. Long messages were not uncommon with agent 690 and I recall sitting in the garden whilst listening to this schedule on my small Sony ICF-SW100e and its short antenna and copying a long message into my notebook. This was towards the end of our summer as the night drew in and the thing that sticks out in the memory of that particular transmission was that it was light when I started and dark when I finished.

E06 still has varied schedules on other days, some of which pass messages of some lengths with regularity.

Notwithstanding unexpected changes, as so often happens on publication of reliable information, the schedules for August are thought to be:

Tuesday 1400 and 1500UTC: 15.810MHz 13.930MHz respectively

Second and Fourth Wednesday 1500UTC: 9.060MHz

First and Third Thursday 2030UTC: 5.948MHz

First and Third Friday 2130UTC: 5.731MHz

Fourth Thursday 2100 and 2200UTC: 7.985MHz 6.835MHz respectively

Second and Fourth Tuesdays 2000 & 2100UTC: 9.230MHz 8.159MHz respectively

There are other schedules that are regularly heard but these, listened to in Upper Side Band, are sufficient to give anyone with an interest to sample the station. If the August Sunday schedule was forthcoming you would have probably tuned to 9.160 and 7.850MHz at 1830 and 1930UTC respectively to either hear a full message, as outlined above, or should there be nothing to pass, a null

message that would take the form 690 690 690 00000 repeated for just four minutes duration. Interestingly the last intercept I made of the E06 sending was at 1830UTC 9th November, 2008; the 1900UTC was copied by Peter, or PoSW, who wrote, "...and 1930UTC, 4580kHz, 5kHz up on last time and now close to a strong RTTY signal, "690 690 690 00000." In fact nothing for agent 690! Like myself and other monitors Peter also searched for the lost E06 schedule and noted, "The next occasion I looked for this schedule was on 23rd November and I could find no sign of either sending; might just be propagation, I suppose. Many weak signals close to 5.760 and 4.580 but nothing which could be confirmed as E06, everything made worse by interference from local sets; the same applied to the final Sunday in November, the 30th."

Things were no better in December and whilst other schedules were still intact and operating as expected the situation for the Sunday schedule that had been active for several years remained silent and does to this day.

One of the last full messages is shown here, thanks to the patience of a monitor MF. The log info is included:

19-10-08, Sunday, 1830, 6980kHz. "690 690 690 ..." call indicating an upcoming message. Then DK/GC of "758/119" and a 119 group message as follows:

25614	68158	94306	70806	92908	71597	54905	78677	20954	87438
56850	54460	68464	56335	18776	65128	26854	12359	24862	27120
85028	15374	20839	21692	04283	40299	37554	53783	84109	99171
12865	48491	91895	63981	38337	29110	50612	74392	47898	83681
70440	83795	27502	12700	22706	98153	61652	66158	16060	47880
42158	62120	39086	17825	56986	72062	71951	82496	49551	57133
96454	64498	61141	73277	44269	74960	44900	28790	13999	05062
76081	80444	13312	71873	12966	18911	77609	03964	69865	28382
05421	85183	39860	08294	39204	06658	45716	61543	80632	03573
47200	12082	93781	09646	39718	85081	35073	22384	40997	36071
06911	78307	91104	73010	89779	20145	11603	37180	97384	99579
03568	86351	76838	28479	43425	04348	13267	29190	28725	

Fair signal with a few deep fades. At 1930 the repeat was heard on 5440kHz with stronger signal.

It is possible there was no agent sitting at his radio to copy this message and others followed briefly until the originating officer was informed of a certain arrest.

Estonia is in Eastern Europe having borders with Latvia and Russia, who occupied it after forcible incorporation in 1940 into the USSR. This occupation lasted until the collapse of the Soviet Union where ultimately Estonia achieved independence on 21st August 1991. Estonia as a country promoted economic and political ties with Western Europe, joining the EU and NATO in 2004. Although the

occupying Russian Forces left in 1994 the estimated population of 1.3M includes a Russian ethnic group that makes up 25% of the total.

When seven countries, including Estonia, were allowed into NATO the then German Minister stated his delight with what he saw as a “great step on the way toward an undivided and free Europe, toward security and a stronger NATO.”

Unfortunately those words were to return to bite him when a spy was discovered high in the Estonian Defence Ministry in the capital, Tallinn. Herman Simm was arrested on 21st September, 2008 along with his wife, Heete. He had worked for the Ministry since 1995 as head of the information bureau, becoming head of a service responsible for guaranteeing secrecy in 2000.

Hermann Simm dealt with a variety of classified information and it is assumed that ‘virtually everything’ was passed to the Russian Foreign Intelligence Service, the SVR.

He was the authorised state security representative and regularly negotiated within NATO and the EU leading the delegations tasked with the protection of secrecy from 2001 to 2006, receiving a diplomatic passport in 2003

Such information provided to his Russian handlers, later identified as Valery Zentsov and Sergei Yakovlev, included details of America’s latest plans for basing a missile shield in Europe along with the confidential NATO analysis on the Kosovo crisis and the short-lived war in Georgia.



Hermann Simm

The fallout for Mr Simm’s treachery has led to this being cited in the European media as ‘the worst espionage scandal since the end of the Cold War.’

Hermann Simm, 61, apparently used a converted radio “which looked like a relic from yesteryear’s world of consumer electronics.’ Someone else known to use a converted radio, albeit with the Lumiere, to receive his messages also spied for the Russians at a very high level; he was Professor Hugh Hambleton.

The events that led to the arrest of Simm and his wife seem to have been sparked off by an illegal, a Russian spy, who was apparently infiltrated into Europe via Latin America.

The ‘illegal’ was thought to be a Spaniard and whilst trained in tradecraft broke one of the golden rules and attempted to recruit a highly placed source in a different NATO country who did no more than inform his own Country’s counter intelligence service of the attempt. That started an investigation that led to Mr Simm. The ‘Spaniard’ was later named as Sergei Yakovlev, fluent in Portuguese, who had a passport in the name of Antonio de Jesus Amurett Graff and who traveled to at least 15 NATO countries to meet Mr Simm every three or so months.



Sergei Yakovlev

On 25th February, 2009 Mr Simm pleaded guilty to treason and was gaoled for 12½ years. A separate prosecution ordered Mr Simm to pay for the cost of new security systems, to the tune of some 20 million Estonian Kroons [circa £850,000].

Mr Simm spied on his Country because he wanted his Soviet era rank of Colonel back; he was neither bribed nor blackmailed but it is known that as a prime catch he was put on the payroll from which he received over £60000 for his services.

The approach was made by Valery Zentsov who had been a KGB officer in Soviet occupied Estonia but he was later replaced by Sergei Yakovlev/ Antonio de Jesus Amurett Graff in 2002. Yakolev worked for the elite S-Directorate of Russian SVR, known to run illegals who manage to acquire a genuine identity in a foreign country.

The damage done to NATO led to investigative teams from a variety of EU and NATO countries to probe the extent with five leads being followed that arose from the activities of the 'illegal' operative Sergei Yakovlev.

Nowhere could I find any reference to the E06 690 schedule as a controlling factor, yet that is hardly surprising. Perhaps its closure is pure coincidence, but, then again, it might not.

As for Simm's wife, Heete, no charges were subsequently brought against her and she is known to have returned to her work as a lawyer in the police department.

Since the loss of the Sunday 690 schedule another, using the ident 206, has been re-discovered by Lee in Spain. It was last heard at 2000UTC in August 2008, but was being monitored daily at 2100UTC on 5.230MHz at the time of writing with a -1kHz shift to avoid the jet sounds of XJT.

Until next time 0 0 0

Chart Section Index

1. Prediction Chart September 2009
2. Logging Abbreviations Explained
3. European Number Systems
4. E03a Cherry Ripe Prediction List
with E03 frequency archive
5. M01 and M01b Frequency Schedule
6. M12 July/August 2009
7. E07 Regular schedules
8. Family III Chart
9. Family 1A [E06 and S06 fast zeroes]
10. G06 Chart
11. S06 Regular schedules ending slow
12. Current Cuban Schedules July/August 2009
13. XPA Polytones July/August 2009

Prediction September 2009

Date	Day	Time (utc)	TX	Name	Freq (kHz)
1	tue	05.35	E11	Oblique	7469
1	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
1	tue	06.05	E11	Oblique	7600
1	tue	13.00	E06	English man 00000	10370 wk 1 + 3
1	tue	14.00	E06	English man 00000	8110 wk 1 + 3
1	tue	18.02	M45	Morse sister of S21	4555 / 4955
1	tue	18.42	S21	Russian lady	4454 / 4854
1	tue	20.00	E06	English man 00000	8150 wk 2 + 4
1	tue	21.00	E06	English man 00000	6985 wk 2 + 4
2	wed	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519
3	thu	05.10	E11	Oblique	4638
3	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
3	thu	08.00	E17	English lady	14260
3	thu	08.10	E17	English lady	12930
3	thu	09.00	S11	Cherta	7439
3	thu	10.00	S11	Cherta	16132
3	thu	18.02	M45	Morse sister of S21	4555 / 4955
3	thu	18.30	G06	German lady 00000	5946
3	thu	18.42	S21	Russian lady	4454 / 4854
3	thu	20.10 / 30 / 50	E07	English man 000 000	9387 7526 5884
3	thu	20.30	E06	English man 00000	5186 wk 1 + 3
4	fri	03.45	S11	Cherta	4638
4	fri	19.30	G06	German lady 00000	5442
4	fri	21.30	E06	English man 00000	5197 wk 1 + 3
6	sun	17.00 / 20 / 40	E07	English man 000 000	12223 11062 10116
7	mon	05.35	G11	Strich	5149
7	mon	11.55	E23	Former G02	8188
7	mon	19.00 and 20.00	G06	German lady 00000	inactive search
7	mon	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519
7	mon	20.15	S06	Russian man 00000	9120 wk 2 + 4
7	mon	21.15	S06	Russian man 00000	7880 wk 2 + 4
8	tue	05.35	E11	Oblique	7469
8	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
8	tue	06.05	E11	Oblique	7600
8	tue	13.00	E06	English man 00000	10370 wk 1 + 3
8	tue	14.00	E06	English man 00000	8110 wk 1 + 3
8	tue	18.02	M45	Morse sister of S21	4555 / 4955
8	tue	18.42	S21	Russian lady	4454 / 4854
8	tue	20.00	E06	English man 00000	8150 wk 2 + 4
8	tue	21.00	E06	English man 00000	6985 wk 2 + 4
9	wed	11.55	E23	Former G02	8188
9	wed	17.00 / 20 / 40	E07	English man 000 000	12223 11062 10116
9	wed	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519
10	thu	05.10	E11	Oblique	4638
10	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
10	thu	08.00	E17	English lady	14260
10	thu	08.10	E17	English lady	12930
10	thu	09.00	S11	Cherta	7439
10	thu	10.00	S11	Cherta	16132
10	thu	18.02	M45	Morse sister of S21	4555 / 4955
10	thu	18.30	G06	German lady 00000	5946
10	thu	18.42	S21	Russian lady	4454 / 4854

<u>Date</u>	<u>Day</u>	<u>Time (utc)</u>	<u>TX</u>	<u>Name</u>	<u>Freq (kHz)</u>
10	thu	20.10 / 30 / 50	E07	English man 000 000	9387 7526 5884
10	thu	20.30	E06	English man 00000	5186 wk 1 + 3
11	fri	03.45	S11	Cherta	4638
11	fri	19.30	G06	German lady 00000	5442
11	fri	21.30	E06	English man 00000	5197 wk 1 + 3
13	sun	17.00 / 20 / 40	E07	English man 000 000	12223 11062 10116
14	mon	05.35	G11	Strich	5149
14	mon	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519
14	mon	20.15	S06	Russian man 00000	9120 wk 2 + 4
14	mon	21.15	S06	Russian man 00000	7880 wk 2 + 4
15	tue	05.35	E11	Oblique	7469
15	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
15	tue	06.05	E11	Oblique	7600
15	tue	13.00	E06	English man 00000	10370 wk 1 + 3
15	tue	14.00	E06	English man 00000	8110 wk 1 + 3
15	tue	18.02	M45	Morse sister of S21	4555 / 4955
15	tue	18.42	S21	Russian lady	4454 / 4854
15	tue	20.00	E06	English man 00000	8150 wk 2 + 4
15	tue	21.00	E06	English man 00000	6985 wk 2 + 4
16	wed	17.00 / 20 / 40	E07	English man 000 000	12223 11062 10116
16	wed	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519
17	thu	05.10	E11	Oblique	4638
17	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
17	thu	08.00	E17	English lady	14260
17	thu	08.10	E17	English lady	12930
17	thu	09.00	S11	Cherta	7439
17	thu	10.00	S11	Cherta	16132
17	thu	18.02	M45	Morse sister of S21	4555 / 4955
17	thu	18.30	G06	German lady 00000	5946
17	thu	18.42	S21	Russian lady	4454 / 4854
17	thu	20.10 / 30 / 50	E07	English man 000 000	9387 7526 5884
17	thu	20.30	E06	English man 00000	5186 wk 1 + 3
18	fri	03.45	S11	Cherta	4638
18	fri	19.30	G06	German lady 00000	5442
18	fri	21.30	E06	English man 00000	5197 wk 1 + 3
20	sun	17.00 / 20 / 40	E07	English man 000 000	12223 11062 10116
21	mon	05.35	G11	Strich	5149
21	mon	11.55	E23	Former G02	8188
21	mon	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519
21	mon	20.15	S06	Russian man 00000	9120 wk 2 + 4
21	mon	21.15	S06	Russian man 00000	7880 wk 2 + 4
22	tue	05.35	E11	Oblique	7469
22	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
22	tue	06.05	E11	Oblique	7600
22	tue	13.00	E06	English man 00000	10370 wk 1 + 3
22	tue	14.00	E06	English man 00000	8110 wk 1 + 3
22	tue	18.02	M45	Morse sister of S21	4555 / 4955
22	tue	18.42	S21	Russian lady	4454 / 4854
22	tue	20.00	E06	English man 00000	8150 wk 2 + 4
22	tue	21.00	E06	English man 00000	6985 wk 2 + 4
23	wed	11.55	E23	Former G02	8188
23	wed	17.00 / 20 / 40	E07	English man 000 000	12223 11062 10116
23	wed	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519
24	thu	05.10	E11	Oblique	4638

<u>Date</u>	<u>Day</u>	<u>Time (utc)</u>	<u>TX</u>	<u>Name</u>	<u>Freq (kHz)</u>
24	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
24	thu	08.00	E17	English lady	14260
24	thu	08.10	E17	English lady	12930
24	thu	09.00	S11	Cherta	7439
24	thu	10.00	S11	Cherta	16132
24	thu	18.02	M45	Morse sister of S21	4555 / 4955
24	thu	18.30	G06	German lady 00000	5946
24	thu	18.42	S21	Russian lady	4454 / 4854
24	thu	20.10 / 30 / 50	E07	English man 000 000	9387 7526 5884
24	thu	20.30	E06	English man 00000	5186 wk 1 + 3
25	fri	03.45	S11	Cherta	4638
25	fri	19.30	G06	German lady 00000	5442
25	fri	21.30	E06	English man 00000	5197 wk 1 + 3
27	sun	17.00 / 20 / 40	E07	English man 000 000	12223 11062 10116
28	mon	05.35	G11	Strich	5149
28	mon	09.55	E23	Former G02	8188
28	mon	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519
28	mon	20.15	S06	Russian man 00000	9120 wk 2 + 4
28	mon	21.15	S06	Russian man 00000	7880 wk 2 + 4
29	tue	05.35	E11	Oblique	7469
29	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	13381 14781 16281
29	tue	06.05	E11	Oblique	7600
29	tue	13.00	E06	English man 00000	10370 wk 1 + 3
29	tue	14.00	E06	English man 00000	8110 wk 1 + 3
29	tue	18.02	M45	Morse sister of S21	4555 / 4955
29	tue	18.42	S21	Russian lady	4454 / 4854
29	tue	20.00	E06	English man 00000	8150 wk 2 + 4
29	tue	21.00	E06	English man 00000	6985 wk 2 + 4
30	wed	09.55	E23	Former G02	8188
30	wed	17.00 / 20 / 40	E07	English man 000 000	12223 11062 10116
30	wed	20.00 / 20 / 40	E07	English man 000 000	10128 9069 7519

Logging Abbreviations explained.

The ENIGMA 2000 Standard logging should take this form without any personalised abbreviations:

E07 10436kHz 1740z 07/06[414 1 563 102 92632 ... 09526 0 0 0 0 0 0] 1753z Fair QRM2 QSB2 PLdn SUN

Station: E07 [Traits of stations in ENIGMA Control List]

Freq: kHz [As above 10436kHz]

Time: z [Always 24hour clock, 'z' states GMT/UTC]

Date: day/month [As above 7th June]

Msg detail: Varies with station

ID taken from 100kHz fig in freqs: 414 [freqs used in this schedule were 13468, 12141 and 10436kHz]

Msg count 1

Dk [decode key]: 563

Gc [group count]: 102

First group of msg: 92632

Text between grps: ...

Last group: 09526 [where more than one group is stated the use of LG ahead group indicates 'Last Group.']

Ending: 0 0 0 0 0 0

Time msg ends: 1753z

Received signal strength assessment: Fair

Noise QRM2

Fading to signal QSB2

Monitor: PLdn

Day heard: SUN

Unknown: unk

Repeat: R [which can be expanded to mean]:

Repeated : R5m [repeated 5 mins]; R5s[repeated 5seconds], R5x [Repeated 5 times]

Received signal strength assessment.

Some receivers possess 'S' meters that give a derived indication of signal strength caused by changes within that receiver. Calibration may, or may not be accurate and the scale, may or may not, be the same as that on other receivers. Some receivers have no meter yet produce acceptable results.

Therefore we prefer the quality of the signal to be assessed by the particular monitor.

Guidance for this can be sought from the Q code:

QSA What is the strength of my signals (or those of...)?

The strength of your signals (or those of...) is...

1) scarcely perceptible.

2) weak.

3) fairly good.

4) good.

5) very good.

[QSA1 S0 to S1; QSA2 S1 to S3; QSA3 S3 to S6; QSA4 S6 to S9; QSA4 S9 and above]

Sooner than put a numerical value we state: Very Weak, Weak, Fair, Strong or Very Strong.

Noise, Static and Fading.

Again guidance from the Q code:

Noise:

QRM Are you being interfered with?

I am being interfered with

1) nil

2) slightly

3) moderately

4) severely

5) extremely.

Note: in the sample the monitor has stated QRM2 which means 'slight noise'; had the interference been from a broadcast station you might have read 'BC QRM2' and so on.

Static [Lightning and other atmospheric disturbance]:

QRN Are you troubled by static?

I am troubled by static

- 1) nil
- 2) slightly
- 3) moderately
- 4) severely
- 5) extremely.

Fading [Propagational disturbance]

QSB Are my signals fading?

Your signals are fading

- 1) nil
- 2) slightly
- 3) moderately
- 4) severely
- 5) extremely.

Note: in the sample the monitor has stated QSB2 which means 'slight fading' where the received signal obviously fades but the message is still intelligible.

The use of QRM1, QRN1 and QSB1 is not expected; if there is no such aberration to the signal it need not be stated.

Day Abbreviation

Self explanatory: SUN, MON, TUE, WED, THU, FRI, SAT

Mode used in transmission

Generally the mode of transmission is not stated, being available in the ENIGMA Control List. Should the expected mode change then this can be stated as: CW [Carrier Wave] MCW [Modulated Carrier Wave] ICW [Interrupted Carrier Wave] generally associated with Morse transmission; AM [Amplitude Modulation], LSB [Lower Sideband], USB [Upper Sideband] generally associated with Voice transmission.

Languages used

The ident of a station generally states the language in use, E [English], G [German] S [Slavic], V [All other languages].

Non voice stations

M [Morse and TTY] SK [Digital modes] X [Other modes]

Ideally we would like to see logs offered in our standard format allowing the editorial staff to process the results quickly rather than having to manually re-format. Anyone submitting logs should refrain from using their own abbreviations or shortening our abbreviations eg. Su Mo Tu etc.

See a correct example below which is now self explanatory:

V02a 5883kHz 0700z 06/06[A63752 57781 31521] Fair QRN2 end uk PLdn SAT

And the incorrect version:

V2a 5883k 07:00 06/06/2009 A/63752- 57781- 31521 S3 PLdn SA

Additional Info:

Own station idents should not be used.

When an unidentifiable station is submitted please supply the obvious details:

Freq, Time start and end, Date, Message content, particularly preamble and message content and ending. Language details are helpful, particularly any strange pronunciations.

Other details about stations can be found in the ENIGMA Control List available from Group files or sent when you joined.

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	cero	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	dzevec
Serbo-Croat	nula	jèdan	dvâ	trî	chètiri	pět	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 poss hrd as a fast TUNIS

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	khamsa	sitta	saba	tamanya	tissa
	٠	١	٢	٣	٤	٥	٦	٧	٨	٩

Numeral systems used on selected Slavic Stations [*Stations apparently discontinued*]

	<i>S11 Presta</i>	S11a Cherta	<i>S10d</i>	<i>S17c</i>
0	zero	nul	Nula*	Nula*
1	yezinka	adinka	Jeden [^]	Jeden [^]
2	dvonta	dvoyka	dva	dva
3	troika	troyka	tri '	tri '
4	chidiri	chetyorka	shytri	shytri
5	peyonta	petyorka	pyet	pyet
6	shes	shest	shest	shest
7	sedm	syem	sedoom	sedoom
8	osem	vosyem	Osoom~	Osoom~
9	prunka	dyevyet	devyet	devyet

Notes: * Nula heard as nul

[^] Jeden heard as yedinar

' Tri heard as 'she'

~ Osoom often heard as bosoom or vosoom.

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		^	^	^	^	^	
0700	Z4		*	*	*	*	*	
1000	C		*	*	*	*	*	
1100	B1		*	*	*	*	*	
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
 B3: 18465 22645
 Z1: 18065
 Z3: 16525 18465
 Z4: 20610 21865

Slots marked ^ not proven

[E03a revision E03v 18 31122008]

E03 Lincolnshire Poacher Prediction Chart [ARCHIVE]

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	A3orD	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	F5orE2	J2	F5	B2	J1
2000	E1	F5orE2	E2	F5	F5	F5	F3
2100	X	F4	E2	E2	X	F5	F5
2200	J1	F2	E1	E2	E2	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

[E03 Chart revision 31/12/2008]

M01b frequency schedule

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Monday												
ID				420	364	364	364	364	420	420		
1810				3535	5125	5125	5125	5125	3535	3535		
//				4590	5735	5735	5735	5735	4590	4590		
ID	853	853	420								853	853
1910	2435	2435	3535								2435	2435
//	3520	3520	4590								3520	3520
ID				771	858	858	858	858	771	771		
1915				3644	5150	5150	5150	5150	3644	3644		
//				4454	5475	5475	5475	5475	4454	4454		
ID				298	729	729	729	729	298	298		
2010				4991	5815	5815	5815	5815	4991	4991		
//				5336	6769	6769	6769	6769	5336	5336		
ID	375	375	771								375	375
2015	2427	2427	3644								2427	2427
//	3205	3205	4454								3205	3205
ID	136	136	298								136	136
2110	4615	4615	4991								4615	4615
//	5065	5065	5336								5065	5065

Thursday												
ID				159								
1500				5938	5938	5938	5938	5938	5938	5938		
//												
ID				201	815	815	815	815	201	201		
1832				3510	5095	5095	5095	5095	3510	3510		
//				4605	5760	5760	5760	5760	4605	4605		
ID	910	910	201								910	910
1932	2466	2466	3510								2466	2466
//	3545	3545	4605								3545	3545
ID				477	936	936	936	936	477	477		
1942				3715	5065	5065	5065	5065	3715	3715		
//				4570	5805	5805	5805	5805	4570	4570		
ID				302	931	931	931	931	302	302		
2032				4905	5763	5763	5763	5763	4905	4905		
//				5736	5941	5941	5941	5941	5736	5736		
ID	382	382	477								382	382
2042	2485	2485	3715								2485	2485
//	3160	3160	4570								3160	3160
ID	514	514	302								514	514
2132	4603	4603	4905								4603	4603
//	4991	4991	5736								4991	4991

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Wed 1	0400	8156	0420	9256	0440	---	123	0 0 0	
	1300	13484	1320	12184	1340	---	517	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	179	45
	1700	12183	1720	10983	1740	9983	199	916	175
Thu 2	0340	8173	0400	9173	0420	10173	111	452	165
	0410	9991	0430	11013	0450	---	901	0 0 0	
	1800	11435	1820	10598	1840	9327^	938	3541	70
	1830	10326	1850	9226	1910	---	320	0 0 0	
	2100	13582	2120	12082	2140	---	503	0 0 0	
Fri 3	0500	7371^	0520	8122^	0540	9244^	374	2752	134
	0600	10814	0620	12114	0640	---	714	0 0 0	
	2100	13582	2120	12082	2140	---	503	0 0 0	
Sat 4	None	Found							
Sun 5	1700	12183	1720	10983	1740	9983	199	916	175
Mon 6	0400	8156	0420	9256	0440	---	123	0 0 0	
	0500	7627**	0520	9127**	0540	---	613	0 0 0	
	1300	13484	1320	12184^	1340	10784	517	904	139
	1700	8047^	1720	6802	1740	5788	463	5371	90
	1800	8047^	1820	6802	1840	5788	463	9429	130
	1900	9176	1920	7931	1940	6904	257	1298	80
Tue 7	0340	8173	0400	9173	0420	10173	111	812	171
	0410	9991	0430	11013	0450	---	901	0 0 0	
	0500	6872^	0520	NH	0540	8173	749	2276	140
	1600	8047^	1620	6802^	1640	5788	463	7139	80

** ID 613 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Wed 8	0400	8156	0420	9256	0440	---	123	0 0 0	
	1300	13484	1320	12184	1340	10784	517	904	139
	1700	8047^	1720	6802	1740	5788	463	2457	80
	1700	12183	1720	10983	1740	9983	199	876	185
	2100	9379	2120	7979	2140	---	398	0 0 0	
Thu 9	0340	8173	0400	9173	0420	10173	111	812	171
	0410	9991	0430	11013	0450	---	901	0 0 0	
	1800	11435	1820	10598	1840	9327	938	4274	70
	1830	10326	1850	9226	1910	---	320	0 0 0	
	2100	13582	2120	12082	2140	10382	503	935	63
Fri 10	0500	7371^	0520	8122^	0540	9244^	374	7199	130
	0600	10814	0620	12114	0640	13414	714	158	121
	2100	13582	2120	12082	2140	10382	503	935	63
Sat 11	None	Found							
Sun 12	1700	12183	1720	10983	1740	9983	199	876	185
Mon 13	0400	8156	0420	9256	0440	---	123	0 0 0	
	0500	7627**	0520	9127**	0540	10327**	613	541	67
	1300	13484	1320	12184	1340	10784	517	571	165
	1700	8047^	1720	6802^	1740	5788	463	3719	70
	1800	8047^	1820	6802	1840	5788	463	6022	108
	1900	9176	1920	7931	1940	6904	257	3358	54
Tue 14	0340	8173	0400	9173	0420	---	111	0 0 0	
	0410	9991	0430	11013	0450	---	901	0 0 0	
	0500	6872^	0520	NH	0540	8173	749	4972	130

** ID 613 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Wed 15	0400	8156	0420	9256	0440	---	123	0 0 0	
	1300	13484	1320	12184	1340	10784	517	571	165
	1700	8047^	1720	6802^	1740	5788^	463	.273 ?	80
	1700	12183	1720	10983	1740	9983	199	289	207
	2100	9379	2120	7979	2140	---	398	0 0 0	
Thu 16	0340	8173	0400	9173	0420	---	111	0 0 0	
	0410	9991	0430	11013	0450	---	901	0 0 0	
	1800	11435	1820	10598	1840	9327	938	6430	70
	1830	10326	1850	9226	1910	---	320	0 0 0	
	2100	13582	2120	12082	2140	---	503	0 0 0	
Fri 17	0500	7371^	0520	8122^	0540	9244^	374	8236	120
	0600	10814	0620	12114	0640	---	714	0 0 0	
	2100	13582	2120	12082	2140	---	503	0 0 0	
Sat 18	None	Found							
Sun 19	1700	12183	1720	10983	1740	9983	199	289	207
Mon 20	0400	8156	0420	9256	0440	---	123	0 0 0	
	0500	7627**	0520	9127**	0540	---	613	0 0 0	
	1300	13484	1320	12184^	1340	10784	517	299	209
	1700	8047^	1720	6802	1740	5788	463	2104	70
	1800	8047^	1820	6802	1840	5788	463	3526	100
	1900	9176	1920	7931	1940	6904	257	4426	60
Tue 21	0340	8173	0400	9173	0420	10173	111	771	137
	0410	9991	0430	11013	0450	---	901	0 0 0	
	0500	6872^	0520	7523^	0540	8173	749	5436	120
	1600	8047^	1620	6802^	1640	5788^	463	???	8?

** ID 613 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Wed 22	0400	8156	0420	9256	0440	---	123	0 0 0	
	1300	13484^	1320	12184	1340	10784	517	299	209
	1700	8047^	1720	6802	1740	5788	463	8943	80
	1700	12183	1720	10983	1740	9983	199	513	133
	2100	9379	2120	7979	2140	---	398	0 0 0	
Thu 23	0340	8173	0400	9173	0420	10173	111	771	137
	0410	9991	0430	11013	0450	---	901	0 0 0	
	1800	11435	1820	10598	1840	9327	938	8840	50
	1830	10326	1850	9226	1910	---	320	0 0 0	
	2100	13582	2120	12082	2140	10382	503	577	43
Fri 24	0500	7371^	0520	8122^	0540	9244^	374	1196	120
	0600	10814	0620	12114	0640	13414	714	157	149
	2100	13582	2120	12082	2140	10382	503	577	43
Sat 25	None	Found							
Sun 26	1700	12183	1720	10983	1740	9983	199	513	133
Mon 27	0400	8156	0420	9256	0440	---	123	0 0 0	
	0500	7627**	0520	9127**	0540	---	613	0 0 0	
	1300	13484	1320	12184	1340	10784	517	574	165
	1700	8047^	1720	6802^	1740	5788	463	3741	70
	1800	8047^	1820	6802	1840	5788	463	7356	120
	1900	9176	1920	7931	1940	6904	257	3474	59
Tue 28	0340	8173	0400	9173	0420	---	111	0 0 0	
	0410	9991	0430	11013	0450	12184	901	907	49
	0500	6872^	0520	7523^	0540	8173	749	8498	129
	1600	8047^	1620	6802^	1640	5788^	463	36 .. ?	.70 ?

** ID 613 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Wed 29	0400	8156	0420	9256	0440	---	123	0 0 0	
	1300	13484	1320	12184	1340	10784	517	574	165
	1700	8047^	1720	6802	1740	5788	463	1279	68
	1700	12183	1720	10983	1740	9983	199	746	119
	2100	9379	2120	7979	2140	---	398	0 0 0	
Thu 30	0340	8173	0400	9173	0420	---	111	0 0 0	
	0410	9991	0430	11013	0450	12184	901	907	49
	1800	11435	1820	10598	1840	9327	938	4389	54
	1830	10326	1850	9226	1910	---	320	0 0 0	
	2100	13582	2120	12082	2140	---	503	0 0 0	
Fri 31	0500	7371^	0520	8122^	0540	9244^	374	7415	107
	0600	10814	0620	12114	0640	---	714	0 0 0	
	2100	13582	2120	12082	2140	---	503	0 0 0	

**** ID 613 Msgs transmitted in MCW**

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sat 15	1900	14843	1920	13962	1940	---	893	0 0 0	
Sun 16	1700	13514	1720	12214	1740	10414	524	5415	229
Mon 17	0400	7643	0420	9143	0440	---	619	0 0 0	
	0500	7562**	0520	9062**	0540	---	501	0 0 0	
	1300	13872	1320	13372	1340	---	831	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	3054	60
	1800	8047^	1820	6802	1840	5788	463	8236	100
	1900	9176^	1920	7931	1940	6904	257	4567	60
Tue 18	0340	7584	0400	8184	0420	9184	511	180	51
	0410	8158	0430	9324	0450	---	134	0 0 0	
	0500	6782^	0520	7523	0540	8173	749	9244	120
	1600	8047^	1620	6802	1640	5788	463	8104	57
	2100	7857	2120	6857	2140	---	857	0 0 0	
Wed 19	0400	7643	0420	9143	0440	---	619	0 0 0	
	1300	13872	1320	13372	1340	---	831	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	754	94
	1700	13514	1720	12214	1740	10414	524	802	247
	2100	8123	2120	6923	2140	---	198	0 0 0	
Thu 20	0340	7584	0400	8184	0420	9184	511	180	51
	0410	8158	0430	9324	0450	---	134	0 0 0	
	1800	11435	1820	10598	1840	9327	938	7812	67
	1830	10683	1850	10283	1910	---	621	0 0 0	
Fri 21	0500	7371^	0520	8122^	0540	9244^	374	3819	120
	0600	10857	0620	12157	0640	---	857	0 0 0	
	1900	14893	1920	13593	1940	---	851	0 0 0	

** ID 501 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sat 22	1900	14843	1920	13962	1940	---	893	0 0 0	
Sun 23	1700	13514^	1720	12214	1740	10414	524	802	247
Mon 24	0400	7643	0420	9143	0440	---	619	0 0 0	
	0500	7560**	0520	9060**	0540	---	501	0 0 0	
	1300	13872	1320	13372	1340	---	831	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	2086	70
	1800	8047^	1820	6802	1840	5788	463	1347	100
	1900	9176^	1920	7931	1940	6904	257	8518	80
Tue 25	0340	7584	0405*	8184	0431*	9184	511	628	175
	0410	8158	0430	9324^	0450	---	134	0 0 0	
	0500	6782^	0520	7523^	0540	8173^	749	4819	120
	1600	8047	1620	6802	1640	5788	463	3504	60
	2100	7857	2120	6857	2140	5157	857	253	161
Wed 26	0400	7643	0420	9143	0440	---	619	0 0 0	
	1300	13872	1320	13372	1340	12172	831	506	83
	1700	8047^	1720	6802	1740	5788	463	951	57
	1700	13514	1720	12214	1740	10414	524	483	207
	2100	8123	2120	6923	2140	---	198	0 0 0	
Thu 27	0340	7584	0418*	8184	0457*	9184	511	122 /	295 /
	M12a						511	628	175
	0410	8158	0430	9324	0450	---	134	0 0 0	
	1800	11435	1820	10598	1840	9327	938	3931	70
	1830	10683	1850	10283	1910	---	621	0 0 0	
Fri 28	0500	7371^	0520	8122^	0540	9244^	374	9662	130
	0600	10857^	0620	12157^	0640	13457	857	253	161
	1900	14893	1920	13593	1940	12193	851	497	53

* Times of transmissions offset due to length of message

** ID 501 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sat 29	1900	14843	1920	13962	1940	---	893	0 0 0	
Sun 30	1700	13514^	1720	12214	1740	10414	524	484	207
Mon 31	0400	7643	0420	9143	0440	---	619	0 0 0	
	0500	7560**	0520	9060**	0540	---	501	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	2451	80
	1800	8047^	1820	6802	1840	5788	463	6413	110
	1900	9176	1920	7931	1940	6904	257	1255	50

** ID 501 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sat 15	1900	14843	1920	13962	1940	---	893	0 0 0	
Sun 16	1700	13514	1720	12214	1740	10414	524	5415	229
Mon 17	0400	7643	0420	9143	0440	---	619	0 0 0	
	0500	7562**	0520	9062**	0540	---	501	0 0 0	
	1300	13872	1320	13372	1340	---	831	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	3054	60
	1800	8047^	1820	6802	1840	5788	463	8236	100
	1900	9176^	1920	7931	1940	6904	257	4567	60
Tue 18	0340	7584	0400	8184	0420	9184	511	180	51
	0410	8158	0430	9324	0450	---	134	0 0 0	
	0500	6782^	0520	7523	0540	8173	749	9244	120
	1600	8047^	1620	6802	1640	5788	463	8104	57
	2100	7857	2120	6857	2140	---	857	0 0 0	
Wed 19	0400	7643	0420	9143	0440	---	619	0 0 0	
	1300	13872	1320	13372	1340	---	831	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	754	94
	1700	13514	1720	12214	1740	10414	524	802	247
	2100	8123	2120	6923	2140	---	198	0 0 0	
Thu 20	0340	7584	0400	8184	0420	9184	511	180	51
	0410	8158	0430	9324	0450	---	134	0 0 0	
	1800	11435	1820	10598	1840	9327	938	7812	67
	1830	10683	1850	10283	1910	---	621	0 0 0	
Fri 21	0500	7371^	0520	8122^	0540	9244^	374	3819	120
	0600	10857	0620	12157	0640	---	857	0 0 0	
	1900	14893	1920	13593	1940	---	851	0 0 0	

** ID 501 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sat 22	1900	14843	1920	13962	1940	---	893	0 0 0	
Sun 23	1700	13514^	1720	12214	1740	10414	524	802	247
Mon 24	0400	7643	0420	9143	0440	---	619	0 0 0	
	0500	7560**	0520	9060**	0540	---	501	0 0 0	
	1300	13872	1320	13372	1340	---	831	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	2086	70
	1800	8047^	1820	6802	1840	5788	463	1347	100
	1900	9176^	1920	7931	1940	6904	257	8518	80
Tue 25	0340	7584	0405*	8184	0431*	9184	511	628	175
	0410	8158	0430	9324^	0450	---	134	0 0 0	
	0500	6782^	0520	7523^	0540	8173^	749	4819	120
	1600	8047	1620	6802	1640	5788	463	3504	60
	2100	7857	2120	6857	2140	5157	857	253	161
Wed 26	0400	7643	0420	9143	0440	---	619	0 0 0	
	1300	13872	1320	13372	1340	12172	831	506	83
	1700	8047^	1720	6802	1740	5788	463	951	57
	1700	13514	1720	12214	1740	10414	524	483	207
	2100	8123	2120	6923	2140	---	198	0 0 0	
Thu 27	0340	7584	0418*	8184	0457*	9184	511	122 /	295 /
	M12a						511	628	175
	0410	8158	0430	9324	0450	---	134	0 0 0	
	1800	11435	1820	10598	1840	9327	938	3931	70
	1830	10683	1850	10283	1910	---	621	0 0 0	
Fri 28	0500	7371^	0520	8122^	0540	9244^	374	9662	130
	0600	10857^	0620	12157^	0640	13457	857	253	161
	1900	14893	1920	13593	1940	12193	851	497	53

* Times of transmissions offset due to length of message

** ID 501 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sat 29	1900	14843	1920	13962	1940	---	893	0 0 0	
Sun 30	1700	13514^	1720	12214	1740	10414	524	484	207
Mon 31	0400	7643	0420	9143	0440	---	619	0 0 0	
	0500	7560**	0520	9060**	0540	---	501	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	2451	80
	1800	8047^	1820	6802	1840	5788	463	6413	110
	1900	9176	1920	7931	1940	6904	257	1255	50

** ID 501 Msgs transmitted in MCW

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception NH Not Heard NF Not Found

Thursday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
0430				7437	7437	7437	7437	7437	7437			
0450				8137	8137	8137	8137	8137	8137			
0510				9137	9137	9137	9137	9137	9137			
0530	5146	5146	5146								5146	5146
0550	5846	5846	5846								5846	5846
0610	6846	6846	6846								6846	6846
0700				6941	7978	8127	8127	6941	6893	5782		
0720				8041	9178	9327	9327	8041	7493	6892		
0740				9241	9978	10127	10127	9241	8193	7582		
0800	5416	5867	6893								5867	5234
0820	5816	6767	7493								6767	5734
0840	6916	7367	8193								7367	6834
2010				9387	11539	12213	11539	10753	9387	7516		
2030				7526	10547	10714	10547	9147	7526	5836		
2050				5884	93**	9347	93**	7637	5884	4497		
2110	6777	6777	7516								6777	6777
2130	5449	5449	5836								5449	5449
2150	4483	4483	4497								4483	4483

Sunday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1700				12123	13388	13468	13468	13388	12223	11454		
1720				10703	12088	12141	11454	12088	11062	9423		
1740				8123	10118	10436	10126	10118	10116	8123		
1800	6774	7697	9923								8183	6982
1820	5836	6863	9068								6982	5836
1840	4893	5938	7697								5938	4938

The hundredths digit in each frequency trio gives the ID
i.e. 6774 5836 4893 = 788

Revised 3rd September 2009

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jul kHz, ID, ...	Aug kHz, ID, ...	Sep kHz, ID, ...	Oct kHz, ID, ...	General Remarks
							0645		E11	03	15690 856/00, search	15690 856/00, search	14752 856/00	14752 856/00	since 01/08 Last log 06/09
x	x						0715		E11	03	11486 382/00	11486 382/00	14886 382/00	14886 382/00	since 05/07, sometimes M03 Last log 06/09
x	x						0715		E11	03	16005 885	16005 885	14575 885	14575 885	since 07/07 Last log 06/09
x							0730		G11	03	5779 508/00, search	5779 508/00, search	6304 508/00	6304 508/00	ex M03, since 09/07 Last log 06/09
x							0745		M03	03	10246 503/00	10246 503/00	10728 503/00	10728 503/00	Last log 06/09
x							0815		E11	03	6480 552/00, search	6480 552/00, search	9060 552/00	9060 552/00	10/06-04/08 M03, since 05/08, sometimes M03. Last log 06/09
x							0845		E11	03	8800 252/00	8800 252/00, search	30448 252/00, search	30448 252/00, search	11/06-09/07 M03, since 10/07 Last log 06/09
							0845		E11	03	9448 232/00	9448 232/00	9576 232/00	9576 232/00	since 09/06, in 07/08 lx 9576 Last log 04/09, inactive?
							0845		M03	03	12202 503/00	12202 503/00	12397 503/00	12397 503/00	since 02/06 Last log 06/09
x							0900		S11A	03	7439 976/00	7439 976/00	7772 976/00	7772 976/00	ex M03, since 11/07 Last log 07/09
							0900		S11A	03	6524 215/00	6524 215/00	7377 215/00	7377 215/00	ex M03, since 02/06 Last log 05/09
x							0915		E11	03	9576 284/00	9576 284/00	8196 284/00	8196, 9339 284/00 search!	ex M03, since 09/06 Last log 06/09
x	x						0915		S11A	03	7317 221/00	7317 221/00	7798 221/00	7798 221/00	10/06-11/07 M03, 11/07-06/08 E11 07/08-08/08 E11+S11A, since 09/08, Last log 03/09, inactive?
							1000		S11A	03	7984 976/00	7984 976/00	8759 976/00	8759 976/00	ex M03, since 11/07 Last log 06/09
							1030		E11	03	9610 312/00	9610 312/00	8759 312/00	8759 312/00	since 05/02 Last log 04/09, inactive?
							1030		S11A	03	6433 214/00, search	6433 214/00, search	7984 214/00, 215/00	7984 214/00, 215/00	09/05-01/06 M03, since 02/06 Last log 06/09
							1100		E11	03	9902 186/00	9902 186/00	9610 186/00	9610 186/00	since 06/05 Last log 04/09, inactive?
							1100		E11	03	7377 742/00	7377 742/00	6433 742/00	6433 742/00	since 05/07 Last log 05/09
							1100		G11	03	8305 508/00, search	8305 508/00, search	7317 508/00	7317 508/00	ex M03, since 09/07 Last log 06/09
x							1115		E11	03	12229 193/00	12229 193/00	12229 193/00	12229 193/00	since 02/07 Last log 06/09
x							1200		E11	03	7637 741/00	7637 741/00	6524 741/00	6524 741/00	04-08/07 M03, since 09/07 Last log 06/09
x							1230		E11	03	10125 186/00	10125 186/00	9960 186/00	9960 186/00	since 07/07 Last log 04/09, inactive?
							1230		E11	03	9448 312/00	9448 312/00	8544 312/00	8544 312/00	since 07/01, in 07/08 lx 9610 Last log 05/09, inactive?
x							1245		M03	03			366, search	366, search	since 08/07, Mai-Aug see 1400Z Mar, Apr, Sep, Oct uncertain Last log 02/09
							1330		M03	03			366, search	366, search	since 11/07, Mar-Oct see 1445Z Last log 02/09
							1400		M03	03	10221 366	10221 366	366, search	366, search	since 08/07, Nov-Feb see 1245Z Mar, Apr, Sep, Oct uncertain Last log 05/09
x							1415		E11	03	12202 311/00	12202 311/00	13537 311/00	13537 311/00	since 05/08 Last log 06/09
							1415		M03	03			6977, 7837 404, search	6977, 7837 404, search	since 06/07, Mai-Aug see 1545Z Sep/Oct uncertain Last log 04/09
							1445		M03	03	7663 271/00	7663 271/00	7663 271/00	7663 271/00	since 06/07, Nov-Feb see 1330Z Last log 05/09
x							1545		M03	03	9150 142/00	9150 142/00	7837 142/00	7837 142/00	since 05/07, Nov-Feb see 1625Z Last log 06/09
							1545		M03	03	7772 404/00	7772 404/00	6977, 7837 404, search	6977, 7837 404, search	since 06/07, Nov-Apr see 1415Z Sep/Oct uncertain Last log 05/09
x							1625		M03	03					since 01/08, Mar-Oct see 1545Z Last log 12/08
x							1630		E11	03	7377 287/00	7377 287/00	6252 287/00	6252 287/00	ex M03, since 08/06 Last log 06/09
x							1850		E11	03	13908 64#/00	13908 64#/00	13908 64#/00	13908 64#/00	04-07/08 1650Z Last log 08/08

Family 1A

S06 and E06 both ending fast zeroes

history and September and October predictions

Day	time (utc)	2009 July	2009 August	2009 September	2009 October	ID July	ID Aug	ID Sept	ID Oct	week
S06 mon	19.00/05	7637/6782	7637/6782	5432/	5432/	407	407	407	407	every
S06 mon	20.15	12210	10380	9120	8165	346	723	961	397	2 & 4
S06 mon	21.15	10425	8115	7880	6845	346	723	961	397	2 & 4
tue E06	20.00	10220	9230	8150	6920	569	482	701	296	1,2,4
tue E06	21.00	8020	7920	6985	5435	569	482	701	296	1,2,4
S06 wed	18.00/05	6770/5865	6770/5865	5735/	5735/	471	471	471	471	every
S06 wed	19.30/05					274	274	274	274	Sat R
S06 wed	20.00/05	6923/	6923/			969	969	969	969	Sat R
S06 thur	19.00/05	7637/6782	7637/6782	5432/	5432/	407	407	407	407	every
thu E06	20.30	5948	5948	5186	5186	724	724	891	891	1 & 3
thu E06	21.00	8145	7985	6910	5230	923	489	230	982	4th
thu E06	22.00	7640	6835	5135	4570	923	489	230	982	4th
fri E06	21.30	5731	5731	5197	5197	315	315	634	634	1 & 3
sat E06	00.30	9061	7981	6874		759	759	759	759	every
sat E06	01.30	7844	6953	5179		759	759	759	759	every
S06 sat	16.00/05	7611/6782	7611/6782	/5783	/5783	969	969	969	969	every
S06 sat	19.30/35	5864/5213	5864/5213	4952/	4952/	274	274	274	274	every
updated										
9th Sept										

NH = Not heard

R = Repeat if there is a message on Saturday

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jul kHz, ID, ...	Aug kHz, ID, ...	Sep kHz, ID, ...	Oct kHz, ID, ...	General Remarks
			x			1830		2/4	G06	01A	6887 842	5935 579	5935 579		since 05/01 last log 06/09
				x		1930		2/4	G06	01A	5943 218	5442 947	5442 947		since 04/01 rpt of Thu 1830Z last log 05/09

S06 Regular skeds ending slow

3rd Sept 09

Day	time (utc)	jan feb nov dec	mar apr sep oct	may jun jul aug	ID
mon	12.00	8420	9145	10230	831
mon	12.10	10635	11460	12165	831
mon	16.00	7436	8040	9256	176
mon	16.10	6668	6830	7889	176
tue	06.00		14080	16735	438
tue	06.10		12355	15230	438
tue	07.00	5250	5760	5430	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	12.30	5810	4 mhz?	7650	278
tue	12.40	6770	5805		278
tue	15.00	5070	6464	6666	537
tue	15.10	6337	7242	7744	537
wed	05.30	9435	10835	11435	153
wed	05.40	11075	12170	12650	153
wed	07.30	7335	xxxxx	7335 / 8760	745
wed	07.40	11830	9640	11830 / 9640	745
wed	07.50		11557	xxxxx	745
wed	08.20	6880	7605	6755	471
wed	08.30	7840	9255	5835	471
wed	08.40	9260	9480	10120	328
wed	08.50	11415	11040	9670	328
wed	10.00	12365	13365	14580	729
wed	10.10	14280	14505	16020	729
wed	12.00	7030	?	7765	481
wed	12.10	6305	?	6815	481
wed	12.30	4580	7620	7545	967
wed	12.40	6420	8105	8220	967
wed	19.00	8530	9220	10170	371
wed	19.10	7520	8270	9110	371
thu E17z	08.00	11170	14260	16780	674
thu E17z	08.10	9820	12930	12850	674
thu	09.00	9750	10950	12110	167
thu	09.10	10580	12310	13790	167
thu	10.00	8535	9225	10175	895
thu	10.10	10480	11515	12215	895
thu	12.00	10580	12560	10410 / 10380	425
thu	12.10	9950	13065	9690 / 11480	425
thu	12.30	7865	8650	9255	314
thu	12.40	5310	7385	7630	314
fri	06.00	5460	6340	8340	934
fri	06.10	?	5470	5810	934
fri	06.00	7150	7795	7845	196
fri	06.10	8215	8695	9125	196
fri	09.30	11780	12140	10290	516
fri	09.40	12570	13515	9655	516
sat	10.00	6440	6410		893
sat	10.10		7340		893

One hour later
Nov to Feb

One hour later
Nov to April

One hour later
Oct to March

ID 624 has not been heard since January. Last used 5320/6515 kHz Weds 1430/1450

Current Cuban Skeds Heard From 0000-0700 UTC
This covers 1900-0200 local EDT in the USA
(July-August 2009)

SUN	0000	0100	0200	0300	0400	0500	0600	0700
							6826(SK)	5883(P)
							6786(SK)	
								6933()
						5810(P)	5810(S)	

MON	0000	0100	0200	0300	0400	0500	0600	0700
				5800(P)	5117(S)	12120(SK)	11435(SK)	5883(P)
				6855(P)	6768(S)	13380(SK)	11532(SK)	
						5898(P)	5800(S)	

TUE	0000	0100	0200	0300	0400	0500	0600	0700
		3389(P)	3292(S)			12120(SK)	6826(SK)	5883(P)
						13380(SK)	6786(SK)	
							5810(SK)0630	
				10125(P)	11565(S)			
				4027(P)	3292(S)	5898(P)	5800(S)	

WED	0000	0100	0200	0300	0400	0500	0600	0700
				4479(P)	4329(S)	12120(SK)	11435(SK)	5930(SK)
						13380(SK)	11532(SK)	11532(SK?)
							5810(SK)0630	
						5810(P)	5810(S)	9153(P)

THUR	0000	0100	0200	0300	0400	0500	0600	0700
						12120(SK)	6826(SK)	5883(P)
						13380(SK)	6786(SK)	6933()
				10445(P)	11565(S)	5898(P)	5800(S)	

FRI	0000	0100	0200	0300	0400	0500	0600	0700
		4028(P)	5417(S)		4479(P)	4028(S)		5883(P)
						12120(SK)		
						13380(SK)		
				12214(P)	13379(S)	5810(P)	5810(S)	9153(P)

SAT	0000	0100	0200	0300	0400	0500	0600	0700
		6768(P)	5762(S)				11435(SK)	5883(P)
							11532(SK)	
				10125(P)	11565(S)	5898(P)	5800(S)	

Current Cuban Skeds Heard From 1600-2300 UTC
This covers 1100-1800 local EDT in the USA
(July-August 2009)

SUN	1600	1700	1800	1900	2000	2100	2200	2300
	17515(P)	17435(S)			7887(P)	6855(S)		
	6867(S)							
	10715(SK)	11435(SK)						
			8097(P)	8097(S)		7974(P)	7481(S)	

MON	1600	1700	1800	1900	2000	2100	2200	2300
	17515(P)	17435(S)			7887(P)	6855(S)		
	16178(SK)							
				6786(P)	7554(S)		7519(P)	8009(S)
			8097(P)	8097(S)		7974(P)	7481(S)	

TUE	1600	1700	1800	1900	2000	2100	2200	2300
	17515(P)	17435(S)			7887(P)	6855(S)		
	16178(SK)			12180(P)	13380(S)			
				6786(P)	7554(S)		7526(P)	8135(S)
			8097(P)	8097(S)		7974(P)	7481(S)	

WED	1600	1700	1800	1900	2000	2100	2200	2300
	17515(P)	17435(S)			7887(P)	6855(S)		
	16178(SK)					3935(?)		
				6786(P)	7554(S)		7519(P)	8009(S)
			8097(P)	8097(S)		6932(P)	6854(S)	

THUR	1600	1700	1800	1900	2000	2100	2200	2300
	17515(P)	17435(S)			7887(P)	6855(S)		
	16178(SK)			12180(P)	13380(S)			
				6786(P)	7554(S)		8009(P)	8135(S)
			8097(P)	8097(S)		6932(P)	6854(S)	

FRI	1600	1700	1800	1900	2000	2100	2200	2300
	17515(P)	17435(S)			7887(P)	6855(S)		
	16178(SK)							
				6786(P)	7554(S)		7519(P)	8135(S)
			8097(P)	8097(S)		7974(P)	7481(S)	

SAT	1600	1700	1800	1900	2000	2100	2200	2300
	17515(P)	17435(S)			7887(P)	6855(S)		
	6867()							
	10715(SK)	11435(SK)						
			8097(P)	8097(S)		7974(P)	7481(S)	

Notes:

Skeds in MCW mode indicated in **shaded cell**.

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.

SK01 notes:

At present SK01 seems to be using exclusively RDFT mode.

The second of two skeds listed at 0500z, 0600z and 1600z, are coming up on the half hour. SK01 has also been coming up after some M8/V2 skeds are completed.

--Updated September 1, 2009--

Cuban Desk Contributors:

Barry_BS3 (Tennessee, USA)

"dj" westli1 (California, USA)

Jon-FL (Florida, USA)

MS (Michigan, USA)

WestIus (Florida, USA)

[Thanks Guys].

XPA Polytones
July2009

XPA [MFSK-20 Russian Intelligence Multitone System]_10bd

1. 0600z: 10327kHz 2. 0620z: 11627kHz 3. 0640z: 13427kHz
ID364 Mode: USB [Tue/Fri]

ID/msg/serial no/ge/dk/end grp

02Thu					
03Fri	364 1 00696	00257 44457	36035	5m15s	
07Tue	364 1 00858	00171 68755	44237	4m10s	
09Thu					
10Fri	364 2 00573	00243 04141	24377 00000 00000	6m44s	
		00858 00171	68755 44237		
14Tue	364 2 00893	00117 38785	17355 00000 00000	6m10s	
		00574 00243	04141 24344		
16Thu					
17Fri	364 2 00605	00101 16894	15012 00000 00000	4m42s	
		00893 00117	38785 17355		
21Tue	364 2 00121	00051 83408	10347 00000 00000	4m01s	
		00605 00101	16894 15012		
23Thu					
24Fri	364 2 00892	00257 41220	20013 00000 00000	5m39s	
		00121 00051	83408 10347		
28Tue	364 1 00892	00257 41220	20013		
30Thu					
31Fri	364 1 [Recording poor – poss bad condx]				

Morning 0600z Schedule

Generally good sendings with 5 two message formats. Either there's something wrong at with reception/transmission or the conx are particularly poor? All signals received on this schedule were strong except that of 31/07.

XPA [MFSK-20 Russian Intelligence Multitone System]_10 bd

[Schedule A]
1. 1730z: 10943kHz 2. 1750z: 10243kHz 3. 1810z: 9243kHz
ID922 Mode: USB [Tue/Thu]

ID/msg/serial no/ge/dk/end grp

922 1 00225	00153 29254	75243	3m57s	
922 1 07819	00119 25098	77103	3m35s	
922 1 07819	00119 25098	77103	3m37s	
922 000 09567	00001 00000	10140	2m26s	
922 000 01093	00001 00000	10140	2m27s	
922 1 00319	00133 39610	62217	3m48s	
922 1 00319	00133 39610	62217	3m47s	
922 000 01618	00001 00000	10140		
922 000 05827	00001 00000	10140		

Schedule A : 1730z sched in Summer.

Fair strengths across this schedule with good audio for entire month.

XPA [MFSK-20 Russian Intelligence Multitone System]_10 bd

[Schedule B]
1. 1900z: kHz 2. 1920z: kHz 3. 1940z: kHz
ID119 Mode: USB [Wed/Fri]

ID/msg/serial no/ge/dk/end grp

01Fri			
06Wed			
08Fri			
13Wed			
15Fri			
20Wed			
22Fri			
27Wed			
29Fri			

Schedule B : 1800z sched in Summer.

Not Found

July 2009

XPA [MFSK-20 Russian Intelligence Multitone System] 20 bd

1. 1400z: 11567kHz 2. 1420z: 10867kHz 3. 1440z: 9967kHz
ID589 Mode: USB [Sun/Tue]

ID/msg/serial no/gc/dk/end grp

05Sun	589 000 07823 00001 00000 10140	2m27s
07Tue	589 000 07823 00001 00000 10140	2m27s
12Sun	589 000 07823 00001 00000 10140	2m26s
14Tue	589 000 02948 00001 00000 10140	2m26s
19Sun	589 1 06223 00173 82260 11427	4m10s
21Tue	589 1 06223 00173 82260 11427	4m10s
26Sun	589 000 08754 00001 00000 10140	
28Tue	589 000 02815 00001 00000 10140	

1400z Schedule

Generally reasonable sigs across this schedule with some weak strengths on the 1420 and 1440z slots.

XPA [MFSK-20 Russian Intelligence Multitone System] 20 bd

1. 2000z: 10416kHz 2. 2020z: 9252kHz 3. 2040z: 7634kHz
ID426 Mode: MCW [Tue/Fri]

ID/msg/serial no/gc/dk/end grp

03Fri	426 1 00348 00219 34489 54552	3m20s
07Tue	426 000 01183 00001 00000 10140	2m14s
10Fri	~ Missed operator error ~	
13Tue	426 000 07811 00001 00000 10140	2m14s
17Fri	426 000 07811 00001 00000 10140	2m14s
21Tue	426 1 00456 00135 47777 41460	2m55s
24Fri	426 1 00456 00135 47777 41460	2m55s
28Tue	426 1 00723 00037 50244 72242	
31Fri	~ No results recorded ~	

2000z Schedule

Like the 1400z schedule the strengths were reasonable across the schedule. With 2020z displaying the best with the exception of the NRH on Friday 28/07.

Unfortunately no results available for 31/08 [as seen for 0600z schedule also]

A quick note of thanks to those who stood in whilst I was in Scotland: DoK, GiD and PeterM. [Recognition to my daughter who did not dabble with my auto recording facility also]

XPA Polytones

August 2009

XPA [MFSK-20 Russian Intelligence Multitone System]_10bd

1. 0600z: 10118kHz 2. 0620z: 11118kHz 3. 0640z: 12118kHz

ID111 Mode: USB [Tue/Fri]

ID/msg/serial no/gc/dk/end grp

04Tue	111 1 00354 00683 59109 11350	9m33s
06Thu		
07Fri	111 1 00672 00253 97465 15103	5m01s
11Tue	111 1 00672 00253 97465 15103	5m01s
13Thu		
14Fri	111 000 01284 00001 00000 10140	2m25s
18Tue	111 000 01284 00001 00000 10140	2m26s
20Thu		
21Fri	111 000 01284 00001 00000 10140	2m26s
25Tue	111 000 01284 00001 00000 10140	2m26s
27Thu		
28Fri	111 000 04723 00001 00000 10140	2m26s

Morning 0600z Schedule

Good strength signals but a failure halfway through the message on the 0620z 07/08. Image posted under Polytones in this NL.

XPA [MFSK-20 Russian Intelligence Multitone System]_10 bd

[Schedule A]

1. 1730z: 12187kHz 2. 1750z: 10787kHz 3. 1810z: 9387kHz

ID173 Mode: USB [Tue/Thu]

ID/msg/serial no/gc/dk/end grp

173 1 03408 00117 10044 50364	3m37s
173 1 03408 00117 10044 50364	3m37s
173 000 08543 00001 00000 10140	2m26s
173 000 08543 00001 00000 10140	2m24s
173 1 00741 00145 97960 07126	3m54s
173 1 00741 00145 97960 07126	3m54s
173 000 08543 00001 00000 10140	2m26s
173 000 08543 00001 00000 10140	2m26s

XPA [MFSK-20 Russian Intelligence Multitone System]_10 bd

[Schedule B]

1. 1900z: 11900z: 1920z: 1940z: kHz

Mode: USB [Wed/Fri]

ID/msg/serial no/gc/dk/end grp

Schedule B : 1800z sched in Summer.

Not Found

Schedule A : 1730z sched in Summer.

Strong signals all round on this schedule the weakest being the 1730z transmission which is recorded as being fair by myself, but with some [local?] QRM elsewhere,

August 2009

XPA [MFSK-20 Russian Intelligence Multitone System]_20 bd

1. 1400z: 10967kHz 2. 1420z: 9967kHz 3. 1440z: 9267kHz
ID992 Mode: USB [Sun/Tue]

	ID/msg/serial no/gc/dtk/end grp	
02Sun	992 000 06259 00001 00000 10140	2m26s
04Tue	992 000 06779 00001 00000 10140	2m26s
09Sun	992 1 01731 00093 08644 70702	3m22s
11Tue	992 1 01731 00093 08644 70702	3m22s
16Sun	992 000 06679 00001 00000 10140	2m26s
18Tue	992 000 06679 00001 00000 10140	2m26s
25Sun	992 1 00211 00167 84605 17373	4m08s
25Tue	992 1 00211 00167 84605 17373	4m08s
30Sun	992 000 06679 00001 00000 10140	2m26s

1400z Schedule.

Usually strong signals with some variation from fair to weak.
The 1420z sending was by far the most regular in strength
with little or no variation

XPA [MFSK-20 Russian Intelligence Multitone System]_20 bd

1. 2000z: 10416kHz 2. 2020z: 9252kHz 3. 2040z: 7634kHz
ID426 Mode: MCW [Tue/Fri]

	ID/msg/serial no/gc/dk/end grp	
04Tue	426 000 08124 00001 00000 10140	2m14s
07Fri	426 1 00227 00101 62836 43364	2m45s
11Tue	426 1 00600 00051 58911 63052	2m28s
14Fri	426 1 00600 00051 58911 63052	2m29s
18Tue	426 1 00557 00079 11415 60714	2m38s
21Fri	426 1 00557 00079 11415 60714	2m38s
25Tue	426 1 00282 00181 84028 66732	3m08s
28Fri	426 1 00282 00181 84028 66732	3m08s

2000z Schedule

Generally strong across the schedule for the entire month but odd variation to fair
on the 2000z sending and some occasional BC QRM2 on the 2020z sending.

Thanks to all members who sent in reports for the polytone series and also to those who sent recordings.