

ENIGMA 2000 NEWSLETTER



Used in a scene in the film of Graham Green's 'The Third Man,' the giant Ferris wheel in Vienna can be seen residing in the second district of town. An institution since 1897, the Ferris wheel is one of the few sights worth visiting in the Prater amusement park.



Issue 37

November 2006

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

ENIGMA 2000 Newsletter: Issue 37

Welcome all to Issue 37. The holiday season is well behind us and the “clock change” already taken place (where are the months going to), so it’s time to move into Winter monitoring mode – at least in the Northern Hemisphere – you have all done your summertime antenna / shack / equipment maintenance, haven’t you ? ☺

To kick things off and get everyone “into the mood” this issue contains a whole series of articles, charts and updates to guide newcomers and established monitors alike.

Over the past year or so we’ve kept you up to date with the various organisational and administration changes at E2k, together with advancing the further development of our station centred “Desks/Teams” and individual subject specialists.

We are now all gaining the benefits of the terrific efforts made by these dedicated members who enable E2k to provide you with the already mentioned articles, but extra help is always appreciated by the Desk Managers.

The face of this Newsletter will also undergo some changes whereby the individual Station Entries will become more concise, giving just a representative overview, and all the related topical information incorporated into an “article/chart” structure wherever possible to do so.

This will not happen overnight, it’s a step by step process as we establish what best suits our members needs, and our article contributors abilities and time commitments.

Gert’s station prediction list, a regular Newsletter feature which many of you look forward to, is missing this time around. An unfortunate “glitch” with Gerts laptop just before publication “lost” the document, however it’s intended to separately post it to Group as soon as available - with the added bonus that a few minor errors will be corrected during the rewrite.

The quick roundup

- E10/E10a, HNC spawning new suffixes all over the place.
- E25, in Arabic again, and a new voice appears, see entry.
- M03/E11/S11a, there appears to be a “re-alignment” of skeds going on.
- V02a, has a new voice and slightly changed msg structure when used, see entry.
- V02c, pops head up again, then grabs some M08a MCW sked slots.
- V13, Albino Dragon (Gill) provides interesting info, especially for those of us in Europe where reception is difficult.
- M01, will be changing to the “197” M01/1 call-up and frequencies from 1st Nov and continues this till end of Feb 07. It will remain on GMT/z time.
- M03e, it’s back – with a variation. New designator being considered, subject to further checks, see entry.
- M08a, new freqs/skeds found, more MCW TX’s
- M08d may be staying away but its little friend V02c is back, Mark S shares his views, and is there another addition to the M08 family coming along ?
- M10, new sked found + a November surprise [See STOP PRESS* in DoK’s Slavic Desk Report].
- M23, new sked found.
- M39, this has to be the Catch of the Year, by HFD

XPA plays with its tones !!

Time problem DCF77 ???. During the past two months Fred Selim / Manolis Petrakis / Mike L have all noticed some regular TX’s that normally run exactly to sked had been coming up -1min for a period of time, and all 3 of them use DCF as their primary time reference. Over the same period Mike L noted on a couple of occasions that his DCF kit was at variance to the MSF ones by 1min and put it down to poor propo giving a misread decode.

(Anyone have any other thoughts on this peculiar situation. Ed)

*** An important quickie - Attention is focused on DoK’s summary of extensive changes in procedures from 1st November on M10, S10d and S17c. See DoK’s Slavic Chart and Analysis for more information.**

Addendum: MalcF is now PLondon’s personal supply officer.

Morse Stations

Thanks to all those who responded to the “Standardised Logging” question in Issue 36, Paul subsequently posted a suggested common CW / Voice format to Group which we will monitor for its effectiveness.

Here is a representative sample of the very many CW logs received, giving an indication of station behaviour and the range of times/freqs heard. These entries need to be viewed in conjunction with any other associated articles / charts.

Unid 1 NH caught a very strange format short TX on 9450.5 at 09.10z on 21 Sept with a repeat at 09.20z.

At first it looked like a strange M01 BUT there was clearly a “EOM” between the message and its repeat sequence (independently of E2k this was verified by a “neutral” 3rd party) but not given at the end of the message.

This has never previously been noted in a CW numbers TX .

Unid 2 RRGB caught on 6937 at 18.00z on 04 Oct a TX composed of only ‘11111’ repeated for 9 mins, nothing else heard.

M01/2 XIV MCW, hand, (463 sked)

5474	18.00z	05 Sept	463
6508	07.00z	10 Sept	463
5473	18.00z	10 Oct	463
5475	20.00z	10 Oct	463 902 30
6261	15.00z	16 Oct	463

Freqs
6261,

M01a (formerly end of month TX's)

M01b

5442	21.02z	01 Sept	'271'
5735	20.32z	07 Sept	'302' 311/nnn == 73342
5736//4905	20.32z	21 Sept	'302'
4141	18.20z	26 Sept	'210' **/23 == 64775
4848	18.20z	03 Oct	'210' 441 23 == 65775
4141	18.20z	10 Oct	'210' poor sig
4848	18.20z	17 Oct	'210' 594 25 == 24336
4905//5736	20.32z	19 Oct	'302' 675 31
4992//5337	20.10z	23 Oct	'298' 675 31
4141	18.20z	24 Oct	'210' 594 25
" //4848 "		27 Oct	Rpt above

M01c

M03 III ICW, some CW

As predicted, but +/-1K freq changes noted.

6814	07.30z	10 Sept	040/00
7772	09.00z	11 Sept	976/00
8750	10.00z	10 Sept	976/00
9610	11.00z	13 Sept	186/00
4958	08.00z	15 Sept	040/00
4958	07.00z ?	18 Sept	040/00 not '041' ? (later confirmed by HFD)
10728	07.45z	19 Sept	503/00 slow, as expected, 5 WPM
5082	08.15z	19 Sept	211/00
7984	11.00z	06 Oct	508/00 JH noted that this TX was in USB, giving a continuous note with RX in CW mode
4958	07.00z	16 Oct	040/00
4870	07.30z	24 Oct	041/00
7798	09.15z	24 Oct	211/00
6941	07.30z	25 Oct	508/00
7984	11.00z	27 Oct	508/00

M03c (stutter groups)

JH sends this for 05 Sept

7772kHz 0900z (979/31 == 77777 77777 48923 20937 50654 43993 42003 51358 33245 36233 33906 35760 36627 44673 57097 73356 16316 19133 96879 46694 40196 49793 32940 73135 64687 41775 81000 56831 13351 77777 77777

A large number of 'doubles': 33 66 44 99 77 00 , but probably of no significance.

Is there a possibility that 81000 is the end of the main message and the following two groups are some other indication? (A possibility indeed, Ed)

10728	07.45z	12 Sept	509/32 == 77777 77777 03007 etc
12397	08.45z	14 Sept	Repeat above
9060	08.15z	29 Sept	554/31 == 77777 77777 32243
10728	07.45z	03 Oct	504/34 == 77777 77777 60883
9060	08.15z	16 Oct	554/32 == 77777 77777 69266
"	"	20 Oct	" " " 69266
"	"	27 Oct	554/34 == 77777 77777 09937

M03e

FN brilliantly catches another sample of this very rare visitor to our pages, HOWEVER there's another twist with this transmission – It's using the **M03c** stutter groups.

Needless to say Fritz was delighted with the catch.

7798 09.30z 10 Oct i/p 5Fgs separated by 'r', after 10 gps by 'rr', ended at 09.34z with "49815 r 77777 r 77777 r = 0 0 0"

As we have no further info it is currently unknown if this was a "30's gps" M03d type or a "special 70's gps M03e type or even if it was the single gp repeat of a TX running since 19.00z

As this station has only been logged, then very rarely, since 2004 there is a lot still to learn.

If any member has 'any' previous logs we would appreciate a transcript.

M08a XVIII ICW/CW some MCW

As well as all the antics, which MS keeps an eye on, that we have come to accept as part of this stations "profile" it continues to add to our listening fun, and they may now have bought "defective" CW kit which forgets to put the spaces in !!

Here are some interesting exchanges between two of our regular M08a / V02a "Cuban Team" which nicely illustrates the degree of co-operation necessary to "tie up loose ends".

Exchange 1

Tim wrote:

Hi Mark,

I picked up the following early saturday morning

2006-09-09 Sat 0600 5788 MCW M8a In progress I have a feeling this may be the pairing for the 5931 M8 at 0500 that I heard the previous week.

Just listening to the 1600 transmissions this morning. the 7975 had a very faint copy of the V2a on 6867 audible. The 6867 transmission had a loud M8 transmission with it but no M8 audible on the expected 5854 frequency which has been the case for the past few weeks. I had a search around but could not locate the M8. I strongly suspect that it has moved frequencies but is still active somewhere. Will have to keep searching. From what I've heard of these simultaneous transmissions the past month or 2 It does seem if you can hear 2 on the same frequency then the second transmission really is going on somewhere else rather than they mistakenly put 2 tapes on. Any thoughts on this one?

*Also, no sign of the new voice that you reported thus far, hopefully I will hear that one soon.
Cheers, Tim.*

Hi Tim:

I only heard the new V2a voice that one time. I noted that Jon-FL also heard this voice and got the same callups as I. Seems that this message has been around a while somewhere, as the second and third callups were using 8 and 7 as the final number. Jon-FL confirmed it with his copy of the callups.

I don't know what in the world is the problem with the Cuban transmitters, but I also have noted one or two other skeds going on in the background. I couple of times the two signals were loud enough that they garbled each other out. Sometimes they are just faint in the distance. I believe that you are correct in thinking that it is not two tapes, but another transmission somewhere else, that is leaking over.

Did you hear the 0900z on 9040m this morning? His transmitter was covering from about 9015m through 9125m! You could hear the Spanish gal all over this spread! First time I ever heard that. The secondary sked at 1000z on 9240m was normal.

It sure does seem like the Cubans aren't going to run out of any new ideas to screw a broadcast up, any time soon!

Thanks for the new freq. Will add to list.

Exchange 2

Tim wrote:

Hi Mark, I've been looking for the missing M8a schedule in the 1500/1600 time frame and have come to a possible conclusion. Every time I have listened in to the V2a on 6867 at 1600 there has been an M8 in the background. In fact this Sunday there was no V2a just the M8a. I have a feeling that they have assigned the same frequency for both transmissions. I know there's been quite a few of the V2a and M8a at the same time and frequency over the past few weeks and I need to look back and see if any of the others are consistent like that. It seems that the one I have noted above is too consistent to be a screw up. Any thoughts? Have you noticed such activity before?

Cheers, Tim.

I have noticed the greater instances of M8a or V2a in the backgrounds of other skeds. Not sure if the Cubans have new xmtrs or not. Or maybe they just have major problems with the ones they have.

I have also noticed how the carriers seems to be very strong and sometimes the audio just barely discernable.

It only seems these problems have surfaced in the past year.

I suppose it is possible that they assigned two different skeds to the same freq. But I would think that even they could figure out that is not a good policy!

Doesn't it seem that the Cubans are completely without any type of supervision? The operation seems to be a joke at times.

When I was in the Army Security Agency, heads would have rolled if the an operator continually made these mistakes. It doesn't make for secure communications.

Another mistake I have heard, in fact, it just happened. The 2000z V2a on 7887m came up late at 2004z which is getting to be old hat with these guys. But when the carrier came on, there was a Spanish speaking radio program on for a few seconds, before the senorita began speaking in the middle of a message. This is the second time this has happened in a week. The last time I was able to make out "Caracas, Venezuela" in the program before the senorita began. I guess the Cuban are using these xmtrs for commercial radio also, when not sending numbers.

Maybe Jon-L can confirm your suspicions. I have a very hard time hearing the 6867m sked at those hours. The V2a seems to come in good though.

Let me know what you find.

73's

Mark

Also see Mark's comprehensive Cuban Skeds in the Charts section, a collaborative effort by the Cuban Desk team which is keeping us updated with the sporadic and unpredictable "goings on" in Cigar Land, well done all of you.

The 8097kHz 18/19.00z TX's still using MCW

7519	22.00z	06 Sept	Sends 2 TX's on same sked ??
6932	21.00z	11 Oct	Sends much faster than normal and uses '0' in callup with little separation. Possible new variant, MS monitoring.
8135	23.00z	13 Oct	Above characteristics heard again. '50191 42808 70561 etc'

New series of skeds first noted early Sept and still operating at end Oct.

5800 06.00/10.00z

5927 05.00z

6786 06.00z

Freqs

3025, 4478, 5134, **5788**(MCW), **5800**(MCW), **5927**(MCW), **5930**(MCW), 5948, 6786, 6854, **6867**, 6932, 7480, 7519, 7526, 7554, 7726, 7975, 8009, 8097(MCW), 8135, 8630(MCW), **9011**, 9062, 9152, 9323, 10344, 12214

M08c

M08d

No reports

M10 IX ICW / MCW, some CW

5301//8190	04.50z	04 Sept	'555' 868 52 34 – 576 nn 26
3522//4782	21.00z	04 Sept	'555' 170 19 26 = 64128, 311 nn 18 = nmmn
3522//4007	04.30z	05 Sept	'555' 742 19 33 = 92114
8190	19.40z	08 Sept	'555' 464 37 256 27 / 464 39 37 etc
3523	22.05z	11 Sept	'555' 972 31 776 22 / 972 72 31 etc
4835//7380	18.20z	12 Sept	'555' 094 26 857 26
Plondon caught this previously unheard/unscheduled TX, is it going to be a regular with 03.10z start ? [Yes it most certainly is]!			
4835	03.25z	12 Sept	i/p
Costas follows this up with a very unexpected freq for 19.00z as 6758 is normally on at 04.30z			
6758	19.00z	13 Sept	'555' 272 39 540 18 / 272 72 39 etc
14563	06.15z	16 Sept	'555' 816 31 251 30
5846	07.00z	16 Sept	'555' 648 21
5079	16.30z	17 Sept	'555' 571 24 275 27 / 049 35 435 20
5917	05.35z	18 Sept	'555' 571 80 24 / 275 72 27
10125	19.23z	18 Sept	'555' 781 30 27 / 554 03 24
5946//9165	11.40z	25 Sept	'555' 645 19 / 726 38
5917//9166	17.00z	27 Sept	'555' 858 59 26 / 818 25 38
11416//7605	16.40z	03 Oct	'555' 604 18/ 901 21
14445	08.40z	04 Oct	'555' 910 36 / 669 31
14377	18.40z	"	Repeat above
12295//8190	19.40z	"	"
7745//9166	19.50z	05 Oct	'555' 608 93 18 = = etc
7745//9166	19.50z	23 Oct	'555' 529 40 34 = = (TX preceded by dashes ?)
8175	14.10z	24 Oct	'555' 207 23 755 29
5078//8190	08.00z	25 Oct	'555' 787 35 825 21
8143//12226	12.00z	25 Oct	'555' 966 04 22 = = 12057....
4030//6758	19.05z	25 Oct	i/p = = 75836

Freqs

3522//4782, 4030//6758, 5078//7745, 5078//8112, 5078//8190, 6758, 7475//9986, 7545//9986, 7605//11416, 7745//9165, 8143//12227, 8175, 8190//12295, 9369, 9986, 14377, 14563,

Late breaking news, from FN

15897//14563	06.15z	01 Nov	'777' 832 25 586 31
14798	08.40z	01 Nov	'666' 504 34 338 37

(These call-ups not heard in a very long time, wonder if it indicates a pending change. Ed)

M11 IXA (formerly M10e)

No Reports

M12 IB ICW, some MCW / CW, short 0

13386/12189/11491	16.00/20/40z	12 Sept	'725'
11435/10598/9327	18.00/20/40	12 Sept	'938'
"	"	"	10 Oct '938' 1 8127 108 42582 etc
7892/6892/5892	21.00/20/40z	12 Sept	'992' 1 487 91 04738 etc
6934/5734	21.00/20	12 Sept	974/000 (if mmsg, 21.40, 4734 ??)
9056/7798	20.00/20z	13 Sept	'607' i/p
14462/12188/ nn	13.00/20z	25 Sept	'901' nn = 10469 ?
13386/12189/11491	17.00/20/40	01 Oct	'725' 1 1682 104
11492/9392/7492	18.00/20/40	"	'434' 1 538 95
10343/9264/8116	18.00/20/40	"	'124' 1 2553 120
14893/13593/12193	15.00/20/40z	06 Oct	'851' 1 476 165 68420 etc. A nice catch of this seldom heard sked (bad monitoring time ? Ed)
9137/???	06.00/20?/40?z	06 Oct Fri,	i/p. Poss new sked, although a Tues 06.00z is known
14377/13461/12114	17.00/20/40z	10 Oct	'317' 1 2716 112
11435/10598/9327	18.00/20/40z	10 Oct	'939' 1 8127 108
"	"	"	24 Oct '938' 1 7043 101
10407	14.25z	11 Oct	i/p
9052	14.45z	"	i/p Rpt of above
13386/12189/11491	16.00/20/40	17 Oct	'725' 1 6205 108
"	"	"	24 Oct '725' 1 4053 107
11495/8160	21.00/20	17 Oct	'890' 000
11581/9458/7843	11.40/12.00/20	25 Oct	'548' 1 366 117
9142	19.00z	25 Oct	'159' 1 876 195
6913/5813/5213	19.00/20/40z	26 Oct	'982' 1 763 125

Freqs

9056, 9107, 9327, 10118, 10518, 10678, 12162, 12218, 14468,

M12a (two message variant)

13484/11627/10473	19.00/20/40z	09 Sept	'464' 1268/185, 576/111
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Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Fri 1		None	Found						
Sat 2		Not	Monit	-oring					
Sun 3	1700	13386	1720	12189	1740	11491	725	1021	104
	1800	10343	1820	9264	1840	8116	124	7084	121
	1900	12162	1920	11566	1940	10711	546	4622	118
Mon 4	1800	10343	1820	9264	1840	8116	124	1335	140
	1900	10573	1920	9073	1940	7373	???		
Tue 5	1600	13386	1620	12189	1640	11491	725	7784	100
	1700	14377	1720	13461	1740	12114	317	3955	101
	1800	11435	1820	10598	1840	9327	938	1325	107
Wed 6	1800	12162	1820	11566	1840	10711	546	2388	105
Thu 7	1600	14377	1620	13461	1640	12114	317	2817	108
	1700	11435	1720	10598	1740	9327	938	5073	101
	1800	13386	1820	12189	1840	11491	816	8937	102
	1900	10573	1920	9073	1940	7373	503	102	48
Fri 8	1900	13582	1920	12082	1940	10382	503	940	219
Sat 9	1900	13484	1920	11627	1940	10473	464	1268/ 576	185/111
	<i>M12a</i>								
Sun 10	1700	13386	1720	12189	1740	11491	725	7441	100
	1800	10343	1820	9264	1840	8116	124	1910	102
	1900	12162	1920	11566	1940	10711	546	3079	104
Mon 11	1800	10343	1820	9264	1840	8116	124	8614	126
	1900	10573	1920	9073	1940	---	503	000	
Tue 12	1600	13386	1620	12189	1640	11491	725	2643	104
	1700	14377	1720	13461	1740	12114	317	2138	109
	1800	11435	1820	10598	1840	9327	938	1732	107
Wed 13	1800	12162	1820	11566	1840	10711	546	3999	101
Thu 14	1600	14377	1620	13461	1640	12114	317	4477	100
	1700	11435	1720	10598	1740	9327	938	2781	102
	1800	13386	1820	12189	1840	11491	816	5460	105
	1900	13582	1920	12082	1940	10382	503	207	61

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sun 1	1700	13386	1720	12189	1740	11491	725	1682	104
	1800	10343	1820	9264	1840	8116	124	2753	120
Mon 2	1800	10343	1820	9264	1840	8116	124	1020	136
Tue 3	1600	13386	1620	12189	1640	11491	725	6549	100
	1700	14377	1720	13461	1740	12114	317	5639	101
	1800	11435	1820	10598	1840	9327	938	7922	102
Wed 4	1800	11492	1820	9392	1840	---	434	000	
Thu 5	1600	14377	1620	13461	1640	12114	317	2357	100
	1700	11435	1720	10598	1740	9327	938	1385	101
	1800	13386	1820	12189	1840	11491	816	9807	110
Fri 6	None	Found							
Sat 7	None	Found							
Sun 8	1700	13386	1720	12189	1740	11491	725	3455	105
	1800	10343	1820	9264	1840	8116	124	3540	101
	1800	11492	1820	9392	1840	---	434	000	
Mon 9	1800	10343	1820	9264	1840	8116	124	9824	110
Tue 10	1600	13386	1620	12189	1640	11491	725	8276	103
	1700	14377	1720	13461	1740	12114	317	2716	112
	1800	11435	1820	10598	1840	9327	938	8127	108
Wed 11	Not	Monitor	-ing						
Thu 12	1600	14377	1620	13461	1640	12114	317	5340	105
	1700	11435	1720	10598	1740	9327	938	4605	101
	1800	13386	1820	12189	1840	11491	816	3504	112
Fri 13	None	Found							
Sat 14	Not	Monitor	-ing						

M13 IB

M13 family now considered inactive since 04.30z 13 Mar 06

M14 IA MCW / ICW / MCWCC, short 0

FS is experimenting with applying an Exel Script to this stations number sequences, looking at distribution patterns, although the current sample is small the initial results are interesting enough to warrant further work.

6851.5	13.00z	22 Sept	'323' 00000
7420	18.00z	03 Oct	'203' 167 42
4870	21.27z	20 Oct	i/p ending '306 306 142 142 00000'
5464	19.20z	25 Oct	'537' 624 31 == 67831
M14a (two message variant)			
5410	19.00z	29 Sept	814 3 / 579 42 (11111 / 24208)

M18 IC
No Reports

M23 O ICW

JPL (CAN) continues with his "yardstick" 14450 logs while this new sked was caught in Germany & France. JPL suffered very high noise levels in September which restricted monitoring however this was compensated for with much improved listening during October which allowed for the catch of the 13400/12700 pair.

FNs regular logs from CH provide a very useful European based comparison.

8810	06.30z	08 Sept	951 (R10)
13400	17.00z	30 Sept	222 (R10)
8810/5670	16.30z	06 Oct	951 (R09) ?
14710/14450	08.30/14.30z	10 Oct	555 (R10)
"	"	25 Oct	" "
5670/8810	16.30z	20 Oct	951 (R10)
13400/12700	17.00z	22 Oct	222 (R10)

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

12195	08.00z	14 Sept	'742' 00000
10620 / 12073	19.00/30z 21 Sept		'513' 978 160 == 04491 etc
10415/11630	18.30/19.30z	03 Oct	'563' 427 103 == 16136
11480	08.00	03 Oct	'742' 00000
10780/12200	19.00/30z 05 Oct		'039' 587 141
11625	19.00z	10 Oct	'563' 794 102 == 96278
10415	18.40z	17 Oct	i/p
10415	18.30z	31 Oct	'563' 879 102 == 50910

M39 IXC? ICW/MCW

A brilliant catch from HFD, this station can go unreported for years at a time.

Believed associated with the M10 setup, but NEVER been found using an M10 freq, but using the same freq with a coincident TX is remarkable, another change in the air ? ?

5078	17.00z	19 Sept	016 016 016 52438 52438
underneath M10 sending		'555' 977 92 30, 694 70 27"	

M44a

No Reports

M45 XIV MCW, slow, hand

4555//4955	18.20z	05 Sept	'555' 827/33 == 98716
4555//4955	18.02z	14 Sept	almost u/r, no decode
"	"	03 Oct	'555' 726 33 == 98716
"	"	05 Oct	Rpt above.
"	"	23 Oct	'555'314 30= = 37239

Same mssg sent by S21 at 18.42z on 4454//4854

M50 XIV MCW

No Reports

M51 O CW

Although known! to be a Fr Mil CW training network ? there are still aspects of this station that sometimes make us think "Is it".

There are long periods of inactivity after which it bursts into life on multiple freqs.

FN & FS have identified 4693, 4893, 5179, 5183, 5193, 5204, 5892, 6824, 6914, 7536 in the current period of activity and noted that it was replaying "tapes" previously heard in 1989 !!! (Last year it used 1984 tapes !!)

It would be interesting to find out if these periods of intense activity coincide with any new intake Training Courses for Fr Mil wops !

Anybody want a job ??

M55 O

No Reports

M62 O

5232	12.00z	25 Oct	R2LT
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M76 O

No Reports

M87 O

No Reports

M89 O CW, auto & hand

5727	15.40z	10 Oct	T3AP de QF3K loop tape
8437	19.50z	25 Oct	" " "

AB, BoC, CK, FN, FS, HFD, J-FL, JG, JH, JoA, JPL, ML, mndbs, MS, N, PoL, RNGB, West1, Anon2 UK, Anon3 EU

Report from the German Branch, ably managed by Jochen:

Report from E2K's German Branch

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

Here is something interesting again from Germany and the German speaking area. This time, we have new interesting X06 logs for you, coming from around the group and elsewhere, especially from Europe. My biggest thanks to RRGB, my busiest X06 assistant, who payed my attention on some special X06 stations, which I could catch till its end (see the "X06 Mazielka (1C) logs section). But first of all, here are other news:

Numbers on FM radio station in the Netherlands

HorstE2Kat, Graz/Austria, knew to report, that a commercial Dutch radio station named "100%NL" brings some imitated numbers messages in German (male voice) during the night programmes. It was first noticed in September this year from colleagues of the "Radioszene" website in Germany. This station is also good hearable in the area of Aachen/Northwestern Germany. Some of us asked the producers of "100%NL" about this, but got no information yet. But we will further search contact to one of 100%NL's staff. You can hear a sound sample of this numbers imitation at <http://www.radioszene.de/airchecks.htm> (the page is in German, but it will be easy to find the track in MP3).

Publicity

The "Kopf" was asked by the German newspaper "Elektor", a magazine for all kind of electronics, to write an article about numbers stations for its December edition, which will deal with shortwave receiving. This magazine appears in German, English, Dutch and French, so that also other non-German speaking group members are able to read it. Of course, I also mentioned E2K. The URL of this newspaper is: <http://www.elektor.de/> We will inform you, when the December edition is there.

XPA/X06

As you will see in the newsletter, XPA went "overdrive" in the last 2 months, as Plondon's (and other) logs will show. Also "Kopf" from Germany was busy with logging and making schedules of all heard XPA stuff. These logs you can find within the "XPA" section of the newsletter. Also X06 had very interesting specialties and a mass activity in September/October, or to say it with the words of PoSW, our postal correspondent: "... there was a surge of activity in September. I heard more from 'Mazielka' in this month and in early October than in the whole of the previous twelve months combined". In many cases, the carrier stayed 30-40 seconds on air, after the tones stopped. Especially two days of mass activity were there: September 28th and October 4th, but also other activity of X06, as the following logs section will show you:

X06 Mazielka (1C) logs section

Date	Day UTC	Freq	Md	Scale	Monitor	Comments
20060824	Thu	1611-1618		12200	PoSW	S8-9, vanished just before 1619z
20060905	Tue	0748-0755	13506	AM	164532 KopfE2Kde	Strong S9
20060906	Wed	2054	9105		164532 RRGB	Monitored in progress
20060906	Wed	2100-2112	7820	AM	463125 Gert/NL	
20060907	Thu	1947-1948	8123		463125 PoSW	Strong S9, vanished after 1 Min.
20060908	Fri	2047	9930			
20060910	Sun	1835-1839	10601		PoSW	Strong S9+, went off after 1839z
20060910	Sun	1842-1858	11067		PoSW	Same scale as before on 10601kHz
20060910	Sun	1904-1908	11067		PoSW	Came back again
20060913	Wed	1845-1849	12224		463125 PoSW	Vanished just before 1850z
20060913	Wed	1853-1904	11411		164532 PoSW	Strong S9+
20060915	Fri	2105-2107	6850		241563 PoSW	
20060920	Wed	1829-1835	13940		PoSW	Strong S9+
20060921	Thu	0714-0717	13450?	AM	162543 Kopf	Rarer scale with strong S9
20060921	Thu	0745-0747	16320	AM	241563 Kopf	Scheduled frequency, weaker sig
20060921	Thu	1800	11093		256134 RRGB	Monitored in progress
20060921	Thu	1800	12195		314265 RRGB	
20060921	Thu	1801-1814	11501		156234 PoSW	Sideband splash QRM via BC stn
20060921	Thu	1818-1828	9235		PoSW	Close to a strong "XJT"
20060926	Tue	0805-0807	16200?	AM	153624 Sandra, Kopf	Rare scale with strong S9
20060926	Tue	0937-0953	16045	AM	435621 Kopf	Rare scale with S7
20060928	Thu	0811-0812	11483		412356 RRGB	
20060928	Thu	1000-1007	13506	AM	164532 Kopf	Usual S9 (with RTTY)
20060928	Thu	1400-1401	12224	USB	463125 AlphaE2Kde	Usual S9
20060928	Thu	1529	9076		Alpha	
20060928	Thu	1923-1940	10731		314265 PoSW	Weak with 50Sec. break at 1927z
20060928	Thu	1944-1947	9197		164532 PoSW	S9+ with some QSB
20060928	Thu	1952-1953	8180		PoSW	Weak signal
20060928	Thu	1956	9235		PoSW	Very short, close to strong XJT
20060928	Thu	2002-2018	6807		PoSW	Another one close to an XJT
20060928	Thu	2015-2019	6850		241563 E (UK)	Strong loud signal
20061002	Mon	1300	12178		645321 RRGB	Monitored i.p.
20061002	Mon	1322	10957		645321 RRGB	I.p., most interesting scale*
20061002	Mon	1430-1441	12224		463125 Mikendbs	
20061004	Wed	1805-1814	8005	AM	165423 RRGB, Kopf	Special!**
20061004	Wed	1818-1820	5798	AM	561243 RRGB, Kopf	Rare scale
20061004	Wed	1819-1825?	5847	AM	521634 RRGB, Kopf	
20061004	Wed	1821-1824?	6893	AM	431625 RRGB, Kopf	
20061004	Wed	1824-1827	10453	AM	432516 Kopf	Pop. Scale, S9+20
20061004	Wed	1824-1838	10380	AM	324615 Kopf	Rarer scale
20061004	Wed	1903-1907	8810		PoSW	S9+ - unusual freq for X06
20061004	Wed	1919-1925	8081		PoSW	Strong S9+
20061004	Wed	1927-1937	6938	AM	621543 PoSW, Kopf	Pop. scale, PoSW=S9+, Kopf=S4
20061005	Thu	0900-0903	16153	AM	153624 Kopf	CROWD36 after X6

20061005	Thu	1804-1810	10205	AM	156234	Kopf	Strong S9
20061005	Thu	1804-1812	11093	AM	256134	Kopf, PoSW	Strong S9 (with QSB)
20061006	Fri	2050-2100	5838	USB	463125	Mikendbs	Strong S9+20
20061007	Sat	1048-1052	13506		164532	PoSW	Strong S9 with QRM by a swept freq carrier
20061009	Mon	0810-0817	11424	AM	421635	Kopf	Special!***
20061011	Wed	0756-0758	13419	AM	465132	Kopf	Strong S9 (on new XPA freq)
20061011	Wed	0812	9365?	AM	412356	Kopf	
20061011	Wed	1042-1045	15878	AM	621543	Kopf	Strong S9
20061012	Thu	0750-0754	11638	AM	165324	Kopf	Weak S2-3
20061012	Thu	1206	11570	AM	123456	RNGB	6-note rising scale with strong S9
20061013	Fri	0802-0808	14863	AM	615243	Kopf	Strong S9
20061018	Wed	0853-0856	16115	AM	215346	Kopf	Known freq for this scale (look at E2K NL 35)
20061018	Wed	0904-0914	14970	AM	216354	Kopf	Also found in May 06 (E2K NL 35)
20061018	Wed	1018-1028	16320	AM	241563	Kopf	The same with this standard freq (E2K NL 35)
20061018	Wed	1058-1059	14635?	AM	362154	Kopf	Extr. rare scale, also active on 04.10.1986 (after X06: CROWD36)
20061020	Fri	1000-1005	14501	AM	361245	Kopf	Very rare scale, very strong S9+40
20061024	Tue	0738-0744	16117	AM	463125	Kopf	Strong S9 with strange ending
20061025	Wed	0809	11153	AM	465132	RNGB	
20061027	Fri	1900	9105	AM	463125	RNGB	Standard freq
20061030	Mon	0905-0907	13395	AM	532614	Kopf	
20061030	Mon	0907-0908	14392	AM	532614	RNGB	Monitored i. p.
20061030	Mon	1946	8105	AM	314265	Manolis/GR	
20061030	Mon	1947	8123	AM	463125	Manolis/GR	
20061031	Tue	1700	12118	AM	325614	RNGB	Extremely rare scale with strong S9+40
20061102	Thu	0940	12200	AM	241563	Kopf	

- * This scale I know only from 1986. In that time, it had some specials: One recording had the 6 tones after another without the usual breaks, another one had the 6-tone transmission also without breaks, but this time instead of breaks the long "space" tone of XPH, which was usual in that time for special scales. After the transmission of these scales, an XPH always followed. The recordings with scale "645321" were made in October 1986.

** This one had 5 tones at the beginning of transmission with a long 5th tone (16542[long]). During transmission it changed into "165423". Such a changing I know only from 1982 (see E2K NL No. 32), and we also remember very well the X06 4-tone variant (same NL).

*** Also this transmission began with a 5-tone set. The 1st and last tone were the same, until the last tone changed from "4" into "5".

I would say, that's very good stuff, isn't it? Again, thanks to all my assistants for their monitorings, ESPECIALLY TO OUR POSTAL CORRESPONDENT PoSW, who reported VERY interesting information about X06 activity. My renewed appeal to all correspondents: Please go on with logging and informing me during transmissions of X06. You can do that, if you call me via telephone: 0049-6421/162102; you only need to say, that there is an X06 on the air, and on which freq. If I am not at home, please leave me an email Jochen.Schupper@gmx.de with the soundfile of the transmission. This could help us analyzing the X06 skeds and transmissions. Thanks.

Logs from E2Kde for September/October 2006 on behalf of the German Branch

Morse stations (in the new E2K format)

M01a on 4470 kHz from 1800 till 1802 UTC on October 10th in CW: "014 (x2) 185TT (x3)" (FrankE2Kde, Berlin) Tuesday. M23 on 5670 kHz at 0630 till 0639 UTC on October 10th in CW ("951") // 8810 (FrankE2Kde) Tuesday.

E06

On September 28th, 0610 UTC, on 14740 kHz with msg, monitored in progress (Kopf). On October 24th, 2200 UTC, on 6953 kHz in USB with strong S9+20 and msg for "703"; rpt exactly 1 day later (MatthiasE2Kde in Southern Germany via SIS Germany).

E07

On October 4th, 2000 UTC, on 7874 kHz with msg for "892" and the high pitched intro tone, heard from 1953 till 1954 UTC (Kopf). On October 9th, Kopf heard the 0830 sked on 10498 kHz (msg i. p.) at 0836 UTC. On October 11th, Kopf heard the 0740 sked on 12147 kHz with msg for "614" (monitored i. p. at 0745 UTC); rpt on October 13th, also heard by Kopf, this time with ID. On October 12th, Kopf heard another 0740 sked on 11563 kHz with msg (i. p.) and weak S2. On October 26th, FrankE2Kde in Berlin heard the 0500 sked on 4442 kHz with a 0-msg for "419".

E10

On September 11th, there were some E10 curiosities: The "most wanted" transmission at 1930 UTC on 4270 kHz with the call-up "PCD" had an unusually long call-up (21 minutes). AlphaE2Kde, Erfurt/Eastern Germany, and KopfE2Kde heard it, but they didn't follow it till the end. Others out of Germany monitored, that a repeat of the 10 group message, starting "QCTSQ", was there between 1952 and 1956 UTC. - During the E10 transmission at 2100 UTC on 4461 kHz (call-up "FTJ), there was A ham (most likely an American) talking and sometimes piping. The QSO started, as E10 was already there and was still on during the 2130 "FTJ" transmission. The 2100 transmission was heard by Kopf only, the one at 2130 by both Kopf and Alpha.

On September 13th, DanielE2Kde, Münster/Northwestern Germany, heard the "ART" sked at 2200 UTC on 5435 kHz in AM with mostly strong S9+ with fast QSB and strong QRN; msg, groups: 30, starting with "DKXOG NQKRX BQLEY BOATS DZUMG". Daniel also heard "ART" on October 2nd with the 2300 UTC sked on 5435 kHz in AM (starting at 2301 UTC - first "ART" call heard at 2258 UTC). Msg, groups: 157, starting with "XYIUX UOKGZ FFSHT DMAOP YUURR KQESH XULJW".

E11

On October 4th, 1630 UTC, on 6252 kHz with "287/00" - very strong in SSB -, heard by Kopf.

S06 female op

It was heard on September 5th at 1810 UTC on 6815 kHz with a msg for "624" and a low S3, and on October 6th at 0930 UTC on 12140 kHz with a msg for "516" and strong S9; this one was rpt 10 minutes later on 13515 kHz. All 3 skeds were heard by KopfE2Kde.

V07

On September 28th, 0600 UTC on 13381 kHz with YL in Spanish and a 0-msg for "372" (both Alpha and Kopf).

XPA

The 3 morning sked freqs for September at 0600/0620/0640 UTC are 9356/10956/12156 kHz. All 3 were heard on September 5th and 8th (with msg) by KopfE2Kde (on Sep 8 the 1st sked was heard in progress). Only the 3rd morning sked can be confirmed for September 19th (with msg) by Kopf.

In addition, Kopf heard the 1st evening sked at 2000 UTC on 9101 kHz on September 5th and 26th (0-msg). The transmission on September 26th was introduced by the high pitched beep tone, which was interrupted several times, and that sounded like an "error" sign during a Morse transmission (some little beeps after another).

On September 26th, Kopf noticed a change in mode from AM into SSB during the morning skeds. He only heard the two last skeds, as usual with strong S9 and also with a msg. On October 6th, he could notice another change (now slower speed), as he heard the 3rd morning sked, also in SSB, also with S9 and also with msg. This change he could also notice, as he heard XPA in AM on the same day on new scheduled freqs. The following XPA schedule shows the "development" of the new XPA skeds with times, freqs, dates, mode, serial number, decode key and group count:

0900UTC 15981 kHz 0940UTC 13419 kHz 26.09.2006 AM 994 1 03617 00087 S9/S3
0920UTC 14922 kHz 1000UTC 15862 kHz 26.09.2006 AM 861 1 03617 00087 S9/S7
0940UTC 13419 kHz 09.10.2006 AM 994 1 02917 00096 S3
1000UTC 15862 kHz 09.10.2006 AM 861 1 02917/00096 S7
0920UTC 14922 kHz 12.10.2006 SSB 994 1
0940UTC 13419 kHz 09.10.2006 SSB 861 1
0640UTC 12156 kHz 13.10.2006 SSB 0-msg with faster speed
0900UTC 15981 kHz 0920UTC 14922 kHz 13.10.2006 AM 994 1 04279/00114 S9
0940UTC 13419 kHz 1000UTC 15862 kHz 13.10.2006 AM 1 04279/00114 S3/S7
1020UTC 14512 kHz 1040UTC 13200?kHz 13.10.2006 AM 1 04279 00114 S9
1300UTC 13.10.2006 AM 890 1 04279/00114 S9
0620UTC 10956 kHz 0640UTC 12156 kHz 17.10.2006 USB 0-msg
0640UTC 12156 kHz 24.10.2006 USB msg

[Please compare with like logs within the Newsletter – including duplications].

Till next time I say "Auf Wiedersehen" and "Good-bye"

Jochen Schäfer, the "Kopf" of E2K's German Branch (E2Kde)

VOICE STATIONS

We start with an interesting UNID from Peter of Saffron Walden; he writes, "One un-identified voice station to report;- only heard twice, did not seem to be anything I had heard before and not identifiable with anything shown in the E2K control lists;-

"29-Aug-06, Tuesday;- 2030 UTC, 9,061 KHz, male voice, English language but with accent, difficult to say what accent though, East European or Middle Eastern perhaps. Was transmitting in upper sideband suppressed carrier mode, single 5F groups, some of the numbers pronounced rather strangely. Message was in progress when found, the 5Fs heard were "45213 98752 12406 41278 63210 69785 12872 63154 98561". Finished just before 2033z with an unreadable word of three syllables and "End".

"Heard again in September;-

"14-Sept-06, Thursday;- 2016 UTC, 9,061 KHz, same frequency as before, in SSB, much stronger signal. Perhaps transmission had started on the quarter hour. "3" pronounced as "sthree", "4" as "faw-ah", "5" as "five-ah" and "0" as "zee-ro". Finished 2018z when it became apparent that the three syllable word was "message" with an extension so it sounded like "message-ah", and "end". I put 9,061 into the receiver memory and have been checking this frequency regularly but, in accordance with Sod's Law, I have not heard it again."

Thanks PoSW – so lets have an effort to find this again and help Peter solve a mystery or perhaps add a new ident to the ECL.

E03/E03a [10]

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

Whoever the messages, from E03/E03a, are aimed at ENIGMA 2000 has no wish to 'advertise' the existence of these stations to those who may not support the best interests of Great Britain, or its representatives abroad. Although we are unable to stop discussion of E03/E03a, ENIGMA 2000 will remain aloof from any such discussion and will not be including reports or analysis on E03/E03a in our newsletters.

E06 [1A]

Peter's analysis of the schedule structure and logs:

Weekly Sunday 1830 + 1930 UTC Schedule, call always "690":-

3-Sept-06;- 1830 UTC, 8,180 KHz, "690 690 690 00000", weak signal.

1930 UTC, 6,950 KHz, second sending. This schedule continues to use the same frequencies as in the same month in 2005, 8,180 and 6,950 were used in September last year.

10-Sept-06;- 1830 UTC, 8,180 KHz, "690 690 690 00000", S9+, much stronger than last Sunday.

17-Sept-06;- 1830 UTC, 8,180 KHz and 1930 UTC, 6,950 KHz, "690 690 690 00000".

24-Sept-06;- 1830 UTC, 8,180 KHz, calling "690" for a full message, that makes a change! DK/GC "527 527 113 113", "27707 92340 96071 19308...."

1930 UTC, 6,950 KHz, second sending of "690" and "527 527 113 113", weak signal, difficult copy.

25-Sept-06, Monday;- 1830 UTC, 8,180 KHz, next day repeat of "690" and "527 527 113 113", strong signal.

1946 UTC, 6,950 KHz, second sending in progress, much stronger signal than yesterday, S9+, ended 1953z with "527 527 113 113 00000".

1-Oct-06;- 1830 UTC, 6,980 KHz, "690 690 690 00000".

1930 UTC, 5,440 KHz, second sending, as expected using the same frequencies as in October 2005.

8-Oct-06;- 1830 UTC, 6,980 KHz, "690 690 690 00000".

First + Third Wednesdays in the Month 2100 + 2200 UTC Schedule:-

6-Sept-06;- 2100 UTC, 8,140 KHz, "527 527 527 00000", S9+ signal, lower sideband well suppressed, deep modulation.
2200 UTC, 6,820 KHz, second sending, very strong signal. In keeping with the trend observed with several schedules of this family of number stations using the same frequencies as in the same month in 2005; 8,140 and 6,820 were used in September 2005. Both sendings were using what I call "concealment" before the start of transmission, i.e. when tuned in to the expected frequency about ten minutes before the hour no constant carrier up but very short bursts of carrier of no more than a second or so at the rate of once or twice per minute.
20-Sept-06;- 2100 UTC, 8,140 KHz, "527 527 527 00000", strong signal. Carrier with tone up 2048z, single spoken "527" at 2050z then "concealment" mode until start-up on the hour.
2200 UTC, 6,820 KHz, second sending, strong signal.

4-Oct-06;- 2100 UTC, 6,950 KHz, "731 731 731 00000", strong signal with deep audio. Similar frequency, 6,955, used for this sending in October last year.
2200 UTC, 5,760 KHz, second sending, as in Oct '05, very strong, S9+ signal.
18-Oct-06;- this being the third Wednesday in the month I expected an appearance of "731" at 2100z, 6,950 KHz and 2200z, 5,760 KHz but found no sign of either sending.

Thursday 2030 UTC Schedule:-

5-Oct-06;- 5,186 KHz, calling "891" for a full message, DK/GC "472 472 29 29". Strong signal, heterodyne from a carrier slightly LF. "64731 93731 67821 89142.....". An unusual repetition of 5Fs here, groups 3, 11 and 16 were all "67821". This schedule ran earlier in the year, was heard on first and third Thursdays in April, same frequency and call.
19-Oct-06;- 5,186 KHz, "891" and "472 472 29 29", as heard on the 5th.

Friday 2130 UTC Schedule:-

6-Oct-06;- 5,197 KHz, call "634", DK/GC and 5Fs as heard on yesterday's 2030z sending, "472 472 29 29", heard in April, same frequency and call.
20-Oct-06;- expected E06 to show up at 2130z this evening since it was the third Friday in the month but was not heard, searched 20 KHz either side of 5,197, plenty of strange noises but no E06. This is the second occasion this week when an expected E06 has failed to appear.

Other E06 transmissions:-

10-Oct-06, Tuesday;- 2100 UTC, 5,435 KHz, found just after the hour, "296 296 296 00000", signal strength varying between S7 and S9. An E10 YL started up on the same frequency with "Alpha Romeo Tango 2" around 2102z.
[Thanks Peter] now onto the logs:

5120kHz 2200z	28/09 Thu 960 00000 EOT 2204z FS
5186kHz 2030z	07/09[891-217/31=56719]HFD wed
5197kHz 2135z	08/09 ipHFD fri
6820kHz 2200z	20/09[527:0]HFD wed
6950kHz 1930z	03/09[690 00000] low audio]Mndbs/HFD
1930z	17/09[690 00000]Mndbs
1930z	24/09[690-527/113=27707 weak]HFD sun
8140kHz 2100z	20/09[527:0]HFD wed
8180kHz 1830z	03/09[690 00000 low audio]Mndbs
1830z	17/09[690 00000] IzzyWizzy via SwedishDX Tuners/HFD
1830z	24/09[690-527/113=27707]HFD sun
12215kHz 1405z	06/09 ipHFD tues also RNGB
0500z	12/09[260]HFD thu
14740kHz 0600z2	1/09[260]HFD thu

RNGB's E06 logs and notes, tnx Richard. :

3rd Sept	1830 8180 '690' 00000
	1930 6950 '690' 00000
5th	1400 12215 '487' 563 119 93607 81697 etc
	1500 10623 '487' repeat (this sked normally starts from week 2 only)
	1405 12200 '457' 00000
	1505 10960 '457' 00000
	2100 8140 '527' 00000
	2200 6820 '527' 00000
12th	2000 8150 '701' 00000
	2100 6985 '701' 00000
13th	1400 12215 '487' 563 119 93607
	1500 10623 '487' repeat
22nd	0600 14740 '260' (msg in progress)
24th	1830 8180 '690' 527 113 27707
26th	2000 8150 '701' 00000
	2100 6985 '701' 00000

28th 1500 9250 '523' 748 191 53130 (repeat of previous day)
 2200 5120 '960' 00000

Note. The long running ID 471 seems to have changed to ID 701
 The early morning 0500 on Thursday normally too weak to copy.

5186kHz 2031z 05/10 Thu 891 472 29 64731.. 00000 2040z FS, who comments, THURS

"This tx was odd, as I am reasonably sure the GC was 29, but the msg has only 28 grps. Also, the same grp, 67821, appears three times. The numerical spread appears to be a tad off, but then 28 grps are not many."

The msg was:

64731 93731 67821 89142 78913 56514 89189 04234 72771 81931
 67821 62814 56782 56819 12982 67821 56781 89910 04921 98021
 09822 32834 89201 85726 65901 76752 99910 89022

[Thanks Fred]

5440kHz 1930z 01/10[690 00000] weak and noisy IW
 5760kHz 2200z 04/10[731 00000] E & AlphaVax
 6920kHz 2003z 10/10[296 00000] E TUE
 6950kHz 2100z 04/10[731 00000] AlphaVax
 6980kHz 1830z 01/10[690 00000] weak and noisy IW

9110kHz 1500z 04/10 No msg detail AlphaVax
 11150kHz 1405z 04/10 No msg detail AlphaVax

5443kHz 1930z 08/10 690 00000 FS SUN
 6980kHz 1830z 08/10 690 00000 FS SUN
 14740kHz 0623z 28/09 [noisy] E
 0623z 29/09 [noisy] E
 15880kHz 0600z 20/10 [784 306/159 S9 but by 0620 fades and S5] Mndbs FRIDAY

Here are the first 90 groups.

35503 67770 04648 30550 02168 90064 50308 32801 14448 54757
 40303 82113 58570 06849 19843 82485 10758 24212 82331 60602
 45407 98214 25302 46723 84857 37891 96532 63191 31396 33318
 96914 68822 78393 20159 97774 66885 52308 77167 41659 47700
 64505 55677 15007 86131 95722 01451 33222 04150 84225 02826
 57849 94695 36215 49735 22291 58471 70622 19428 14164 64141
 48338 19915 00677 89712 07950 16474 27874 67950 15381 31129
 66293 50513 07925 15746 68191 94993 55837 77928 40851 42351
 93334 18838 75280 27518 33006 31745 57324 10347 45470 09756

RNGB's October Log:

E06

Sun 1st October 1830 6980 '690' 00000
 1930 5440 '690' 00000
 Tues 3rd 1300 9135 '156' 00000
 Weds 4th 1405 11150 '457' 00000
 1505 9110 '457' 00000
 2100 6950 '731' 00000
 2200 5760 '731' 00000
 Thurs 5th 2030 5186 '891' 472 29 64731 93731 etc
 Fri 6th 2130 5197 '634' 472 29 64731 93731 etc
 Tues 10th 1300 9062 '192' 00000 (slow)
 1400 7780 '192' 00000
 2000 6920 '296' 00000
 2100 5435 '296' 00000
 Weds 11th 1400 12190 '164' 782 311 27109 75303 etc
 1500 10220 '164' repeat
 Thurs 19th 0600 15880 '784' 306 159 35503 67770 etc
 2030 5186 '891' 472 29 64731 etc
 Weds 25th 1400 12190 '164' 782 311 27109 etc
 1500 10220 '164' repeat

Monday 30th at 0920 on 11415 with '614' 1 4895 54 50558 etc; repeated at 0940 on 12147

Frequency 10659 was not monitored at 0900.

This ID has been popping up at random times. Today a loud carrier came up on 10659 just before 0900, so I parked a radio on it half expecting E07 to appear. At exactly 0900 carrier dropped and nothing else was heard! [RNGB]

E07 [1B]

In mid-September RNGB wrote to us saying that the 1B Family of stations were very busy. Here we start with PoSW's observations for both months and then a quick look at September logs then on to some further analysis from RNGB, his October log, along with others.

The E07 English speaking man had been following his usual predictable routine in early September with the expected Sunday + Wednesday 1700z start, Monday + Wednesday 2000z and Thursday 2010z on the same frequencies as in September last year. However, the Thursday schedule showed up in the first week of September but did not appear on subsequent Thursdays in the month and there has been no sign of it on October's trio of frequencies. There was a new E07 in October, new to me anyway, on Sundays, logged on the 8th just after 2104 UTC, 10.04 PM BST - but I couldn't find it on the following Sunday. [Tnx PoSW]:

Sunday + Wednesday Schedule:-

3-Sept-06, Sunday:- 1700 UTC, 12,223 KHz, "201 201 201 1", DK/GC "819 76" x 2, strong signal, mod better than usual for an E07.
1720 UTC, 11,062 KHz and 1740 UTC, 10,116 KHz, repeats of "201" and "819 76", both strong signals with good mod, same frequencies as in September 2005.
10-Sept-06, Sunday:- 1700 UTC, 12,223 KHz, "201 201 201 1", DK/GC "200 52" x 2, S9+ with good modulation. Repeated 1720z, 11,062 KHz and 2040z, 10,116 KHz, both S9 with good mod.
24-Sept-06, Sunday:- 1700 UTC, 12,223 KHz, "201 201 201 1", unable to hear the DK/GC, weak signal, much weaker than on previous occasions in this month.
1720 UTC, 11,062 KHz, "201" second sending, DK/GC "436 70" x 2, much stronger signal than the first sending.
1740 UTC, 10,116 KHz, third sending of "201" and "436 70", S9+ with good mod. Inside the 30 metre amateur band, a strong station with an F2 callsign came on calling CQ.

1-Oct-06, Sunday:- 1700 UTC, 11,454 KHz, "441 441 441 000", strong signal with good audio.
1720 UTC, 9,423 KHz, second sending of 441 000. Severe BC QRM inside 31 metre band, E07 only just readable. Same frequencies used in October last year, third sending in event of a "full message" should be 1740 UTC, 8,123 KHz.
11-Oct-06, Wednesday:- 1700 UTC, 11,454 KHz, "441 441 441 1", DK/GC "546 55" x 2. Strong signal with reasonable mod.
1720 UTC, 9,423 KHz, second sending heard only occasionally thanks to S9++ broadcaster on 9,420 KHz, sounded like Greek language.
1740 UTC, 8,123 KHz, third sending of "441" and "546 55", strong signal with reasonable mod.

Monday + Wednesday Schedule:-

4-Sept-06, Monday:- 2000 UTC, 10,128 KHz, "105 105 105 1", DK/GC "969 45" x 2, S9+ signal with surprisingly good modulation. "98697 20144 54244 90580 05131.....".
2020 UTC, 9,069 KHz, second sending, slightly weaker than the first, good mod.
2040 UTC, 7,519 KHz, third sending flattened by S9++ DRM broadcast signal; this is supposed to be the future of shortwave broadcasting. I'll bet there's less than one listener for every kilowatt of power they're using! This trio of frequencies used in September last year and the digital broadcaster was there too.
6-Sept-06, Wednesday:- 2020 UTC, 9,069 KHz, second sending, "105" and "969 45" as on Monday, S9 signal, good mod.
11-Sept-06, Monday:- 2000 UTC, 10,128 KHz, "105" and "969 45" as before. S9+ signal with unusually good audio, excellent broadcast quality.
2020 UTC, 9,069 KHz, second sending and 2040 UTC, 7,519 KHz, third sending just detectable under rock crusher DRM.
18-Sept-06, Monday:- 2000 UTC, 10,128 KHz, "105 105 105 1", DK/GC "791 36" x 2, strong signal, good mod.
2020 UTC, 9,069 KHz, second sending, S9 with good mod., 2040 UTC, 7,519 KHz underneath DRM as always.
27-Sept-06, Wednesday:- 2000 UTC, 10,128 KHz, "105 105 105 1", DK/GC "985 40" x 2, strong signal with good mod. "19421 11247 55401 93152.....".

2020 UTC, 9,069 KHz, second sending, S9+ with good audio.
2040 UTC, 7,519 KHz, third sending, usual DRM interference but E07 much clearer than on previous occasions this month.

2-Oct-06, Monday:- 2004 UTC, 7,874 KHz, first sending in progress, strong carrier but modulation somewhat low. Ended before 2007z with "000 000" and cut carrier as soon as transmission ended.
2020 UTC, 6,968 KHz, "892 892 892 1", DK/GC "985 40" x 2, better mod. than first sending. These frequencies used in October last year; I didn't log the third sending because I only logged "no message" transmissions.
2040 UTC, 5,253 KHz, third sending, no problem in finding, strong signal with the best mod. of the three.
4-Oct-06, Wednesday:- 2000 UTC, 7,874 KHz, "892" and "985 40", as on Monday.
2020 UTC, 6,968 KHz, second sending, mod somewhat low but readable. Sideband splash QRM from the Israeli broadcast station on 6,973 KHz which was a strong signal this evening.
2040 UTC, 5,253 KHz, third sending, S9+ with good audio, best of the three.
11-Oct-06, Wednesday:- 2000 UTC, 7,874 KHz, "892 892 892 1", DK/GC "942 40" x 2, low mod.
2020 UTC, 6,968 KHz, second sending, low mod., difficult copy.
2040 UTC, 5,253 KHz, S9+ signal with good mod., by far the best sending of the three.

Thursday Schedule:-

7-Sept-06:- 2010 UTC, 10,934 KHz, "340 340 340 1", DK/GC "453 39" x 2. S9+ signal, better than usual mod. "41030 53812 13395 28702.....".
2030 UTC, 9,447 KHz, second sending, severe QRM from broadcast station sideband splash, not unreasonably so since this is inside the 31 metre broadcast band!
2050 UTC, 7,887 KHz, third sending, S9 signal with reasonable mod. This trio of frequencies used in September in past several years. However, this was the final appearance of the Thursday schedule, there was no sign of it on the 14th, 21st and 28th September. In October the Thursday schedule was expected to show up on 8,077 KHz at 2010z for the first sending but was not heard on the 5th or the 12th.

New Sunday Schedule:-

8-Oct-06:- 2104 UTC, 8,151 KHz; while tuning around just after 10 PM on a Sunday surprised to hear the E07 voice in full flow. Speaking much faster than usual although with normal pitched voice so not the result of a recorded tape running at too high a speed. Difficult at first to determine the gaps between the 5F groups, but soon became apparent that the spoken numbers were in the form of 5Fs but with very short space between them. Looks like a new schedule; I wonder how long this has been around? Ended about a minute after being tuned in with "000 000". A search for repeats found the following:-

2120 UTC, 6,986 KHz, "192 192 192 1", DK/GC "953 41" x 2. Again, very rapid 5Fs, "93026 75622 90537.....".
2140 UTC, 5,251 KHz, "192" and "953 41", third sending.

But there was no sign of this one on the following Sunday, 15-Oct, tuned in 8,151 KHz just before 2100z, no sign of the expected pre-transmission carrier, no sign of E07 on the hour.

9069kHz	2020z	06/09[105:1-969/45=98697]HFD & RNGB	
10128kHz	2000z	06/09[105:1-969/45=98697]HFD & RNGB	
	2000z	13/09[105] noisy E	WED
	2000z	18/09[105] noisy E	MON
10116kHz	1740z	17/09[845 45] gd sigs E	SUN
	1741z	27/09[201:1-436/70=79494]HFD	
11061kHz	1720z	17/09[845 45] gd sigs E	SUN
11062kHz	1821z	24/09[201 436 – 70pos] under noise E	SUN
	1720z	27/09[201:1-436/70=79494]HFD	
12223kHz	1700z	17/09[845 45] gd sigs E	SUN
	1700z	27/09[201:1-436/70=79494]HFD	

RNGB's E07 September log and notes, tnx Richard.:

5th Sept	2000	10128	'105' 1 969 45 98697	
6th	2010	10934	'340' 1 453 39 41030 53812 etc	
	2030	9447	'340' repeat	
	2050	7887	'340' repeat	
11th	2000	10128	'105' 969 45 98697	
	2020	9069	'105' repeat	
	2040	7519	'105' repeat	
13th	2000	10128	'105' 1 969 45 98697	
17th	1700	12223	'201' 1 854 45 11926	
	1720	11062	'201' repeat	
	1740	10116	'201' repeat	
23rd	2040	6921	'499' 1 7213 40 88523 etc (all read quickly, tx over by 2045!)	
			The ID suggests 2000 in 9.4mhz and 2020 in 7.9MHz Unusual for a Saturday	
27th	2000	10128	'105' 1 985 40 19421 11247 etc	

Now from RNGB:

October has seen a significant increase in traffic. Whether this is due to the worsening relations between Russia and Georgia, or the potential nuclear threat from North Korea, one can only speculate.

All the present schedules continue apart from the Thursday night 2010/30/50.

A new schedule has appeared - Saturday 2000/2020/2040 on 9496/7958/6921. Not sure if this will become permanent.

The additional traffic have IDs that do not correlate to the frequencies in use. (i.e. '961' on Thursday 5th). So maybe these will turn out to be Special broadcasts rather than permanent schedules.

Expect times of the schedules in November to be + 1 hour UTC.

Also, a new transmitter has been in use for some of the extra IDs logged. It is AM mode with fully suppressed lsb, and is of very good modulation, a powerful transmission into the UK.

Now on to the log for October:-

Sunday 1st Oct	1700	11454	'441' 000	
	1720	9423	'441' 000	
Weds 4th	2000	7874	'892' 1 985 40 19421 etc	
	2020	6968	'892' repeat	
	2040	5253	'892' repeat	
Thurs 5th	0800	6796	'961' 1 2465 109 09235 etc	
	0820	7511	'961' repeat	
	0840	8184	'961' repeat	
Sat 7th	2000	9496	'499' 1 2971 51 28175 etc	
	2020	7958	'499' repeat	
	2040	6921	'499' repeat	
Tues 10th	0800	9371	'352' 1 6547 98 12690 etc	
	0820	10498	'352' repeat	
	0840	11563	'352' repeat	
Weds 11th	0700	10659	'614' 1 2684 52 92929 etc	
	0720	11415	'614' repeat	
	0740	12147	'614' repeat	
	1700	11454	'441' 1 546 55 71347 etc	
	1720	9423	'441' repeat	
	1740	8123	'441' repeat	
	2000	7874	'892' 1 942 40 11509 etc	
	2020	6968	'892' repeat	
	2040	5253	'892' repeat	
Fri 13th	0700	10659	'614'	
	0720	11415	'614'	
	0740	12147	'614'	
Weds 18th	1103	10167	msg in progress, ended with 92427 000 000	

[Thanks Richard!]

Further logs from a variety of ops:

5253kHz	2042z	04/10 [892 985 40]	E	WED
	2040z	04/10 [892 985 40]	E	WED
	2040z	23/10 very noisy, but call was poss. 852 or 892?	FS NL	MON
	2040z	25/10 892 1 etc	FS NL	WED

6968kHz	2020z	04/10[892 985 40]	E	WED
	2020z	11/10 possibly 892 1 942 40	very noisy, weak, 000 000 2007/27z FS	WED
	2020z	18/10[8?2 942 40]	E	WED
	2020z	23/10	very noisy, but call was poss. 852 or 892? FS NL	MON
	2020z	25/10 892 1, etc2024z	FS NL	WED
7874kHz	2010z	04/10[892 + msg]	Alphavax	WED
	2000z	11/10 possibly 892 1 942 40	very noisy, weak, 000 000 2007/27z FS	WED
	2000z	25/10[892 1, All 3 txs	noisy, but end is poss: ..83714 08500 000 000] FS NL	WED
8123kHz	1740z	02/10	no msg detail RNGB	MON
	1740z	08/10* 441 1 546 55	71347.. 000 000 FS & E	SUN
	1740z	11/10 441 1 546 55	71347 rpt Sun msg 000 000 1708z FS	WED
9420kHz	1720z	02/10	no msg detail RNGB	MON
9423kHz	1720z	01/10	Sun in BC QRM, but positive id FS	SUN
	1720z	08/10* 441 1 546 55	71347.. 000 000 FS	SUN
11545kHz	1700z	01/10	Sun 441 000 EOT 1702z Good AM+USB FS	SUN
	1700z	02/10	no msg detail RNGB	MON
	1700z	08/10* 441 1 546 55	71347.. 000 000 1708z FS	SUN
	1700z	11/10 441 1 546 55	71347 rpt Sun msg 000 000 1708z FS	WED

*FS took time to take down message detail:

8123kHz	1740z	08/10 441 1 546 55	71347.. 000 000	SUN
9423kHz	1720z	08/10 441 1 546 55	71347.. 000 000	SUN
11544kHz	1700z	08/10 441 1 546 55	71347.. 000 000	SUN

Msg was: 441 1 546 55

71347 74507 74326 21032 10826 82108 00622 84928 61033 02935
39420 79984 06127 87915 01819 82906 09708 80071 72476 09522
47197 03515 29447 20470 08358 07545 68354 87339 50518 74436
32660 62031 83724 14644 89753 87312 93587 73549 37984 06642
03985 01995 41116 34818 90555 86601 16510 31372 93491 17041
62040 60174 22664 71619 30209

5253kHz2040z23/10 very noisy, but call was poss. 852 or 892? FS NL MON

11454kHz 1700z 25/10 441 000 FS NL WED

7874kHz2000z25/10[892 1, All 3 txs noisy, but end is poss: ..83714 08500 000 000] FS NL WED

Thanks to all who have contributed to this stations log.

E10 | O |

Desk For Sept 06

Frequencies Used (USB) + Callsigns

2844	YHF3
3150	PCD2 * PCD
3230	KPA2
3270	MIW2
3360	VLB2
3415	ART2 * ART
3417	ART
3557	CIO2
3640	SYN2
3840	YHF * YHF3
4270	PCD2 * PCD
4461	FTJ * FTJ2
4648	SYN2
4780	CIO2
4880	ULX * ULX2
5091	JSR2
5170	VLB2
5230	MIW2
5339	KPA2
5435	ART * ART2 * RHP * ART1
5437	ART
5820	YHF2 * YHF
6270	ULX * ULX2
6498	PCD2 * PCD
6575	HNC-B * HNC * HNC-S * HNC-F
6840	EZI * EZI2
6842	EZI
6986	ART * ART2
7540	JSR
7918	YHF2
9130	EZI
11565	EZI

Some AM/PM Logs

AM 28/8 0001hrs ULX 4880 G75 RTVKZ (Repeat of 2/8)
AM 28/8 0001hrs ART 5435 G157 XYIUX (Repeat of 2/8)
AM 28/8 0030hrs EZI 6840 G56OKBUT (Repeat of 26/8)
PM 28/8 1804hrs YHF 3840 G11 KJXJE
PM 28/8 2300hrs EZI 6842 G74 ESSBD (Repeat of 2/8)
AM 29/8 0001hrs FTJ 4461 G186 KKUNX (Repeat of 3/8)
AM 29/8 0031hrs EZI 6840 G56 OKBUT (Repeat of 26/8)
PM 29/8 2300hrs EZI 6842 G74 ESSBD (Repeat of 2/8)
AM 30/8 0001hrs ULX 4880 G75 RTVKZ (Repeat of 2/8)
AM 30/8 0031hrs EZI 6840 G56 OKBUT (Repeat of 26/8)
PM 30/8 2330hrs ART 5435 G46 CFSWS
PM 30/8 2355hrs RHP 5435 EOM, EOT (One Call only followed by ART x2 at 2358hrs & G157msg)
AM 31/8 0001hrs ART 5435 G157 XYIUX (Repeat of 2/8)
AM 2/9 0001hrs ART 5435 G157 XYIUX (Repeat of 2/8)
PM 2/9 2300hrs EZI 6842 G74 ESSBD (Repeat of 2/8)
AM 4/9 0001hrs ULX 6270 G75 RTVKZ (Repeat of 2/8)
AM 4/9 0130hrs EZI 6840 G25 DZNX
PM 5/9 2315hrs EZI 9130 G74 ESSBD (Repeat of 2/8)
AM 8/9 0001hrs ULX 6270 G75 RTVKZ (Repeat of 2/8)
AM 10/9 0001hrs ART 3150 G17 HZJZF
AM 11/9 0030hrs EZI 6840 G77 KPAHO
PM 11/9 1931hrs PCD extended call (21mins) followed by G10 Msg QCTSQ a rare occurrence!
(Logged and credit to Mike L, Ian wraith & JS Koft.)
AM 12/9 0001hrs ULX 6270 G75 RTVKZ (Repeat of 2/8)
PM 15/9 1930hrs PCD 4270 G10 HUHRP
PM 16/9 2300hrs EZI 6842 G74 ESSBD (Repeat of 2/8)
AM 19/9 0201hrs ART 5437 G30 DZXAG
AM 19/9 0231hrs EZI 6840 G30 QZLGN
AM 19/9 0232hrs ART 5435 G17 HZJZF
AM 19/9 0300hrs ART 5435 G30 DZXAG (Repeat of 19/8 0201hrs)
AM 20/9 0132hrs ART 5437 + 3417 G25 POKQN
AM 20/9 0201hrs ART 5435 G30 DZXAG (Repeat of 19/8 0201hrs)
AM 20/9 0230hrs ART 5435 G17 HZJZF (Repeat of 10/9 0001hrs)
PM 20/9 1700hrs EZI 9130 G76 YUNDA
PM 21/9 1900hrs EZI 6840 G96 SCOXS (Credit S&D)
PM 21/9 1930hrs YHF 5820 G40 QTAIN
PM 21/9 2102hrs ULX 4880 G28 GCJAE (Credit Sam)
PM 22/9 2100hrs YHF 4560 + 5820 G28 OPTBM (Credit Alpha Vax)
AM 23/9 0430hrs YHF 5820 + 7918 G13 OGBQH "
PM 23/9 1330hrs YHF 9202 + 10648 G13 OGBQH "
PM 23/9 2100hrs PCD 4270 G38 OEOTX (Credit Ian Wraith)

SpecialStrings Heard/Reported During Sept06

Nil heard or reported for the 4th month in a row as at 28th Sept

Comments, Contributions & Other Activities

The months of June, July, Aug & Sept went by with no Special Strings being heard or reported in what was a very active period. Other lesser heard calls did manifest over this time they were

27/6 FDU3
4/7 HNC-S
6/7 ARZ (four calls only)
10/7 YHF1
10/7 ART1
3/8 YHF1
16/8 ART1
23/8 HNC-S
25/8 HNC-S
25/8 HNC-F
26/8 ART1
28/8 HNC-B (Credit Sam Wright)
29/8 HNC (Credit Sam Wright)
29/8 HNC-S (Credit Sam Wright)
30/8 RHP (One call only)
31/8 EZI1

Sept 06

02/9 2239hrs HNC-F on 6575 ended 2244hrs
03/9 EZI1 (Credit Alpha Vax)
08/9 HNC-S on 6575 at 2347 to 2349hrs
09/9 HNC-S on 6575 at 2340hrs to 2345hrs
09/9 HNC on 6575 at 2357hrs x2 calls only
10/9 HNC-S on 6575 at 0005hrs till 0011hrs
11/9 ART1 on 5435 at 1800hrs (Credit Alpha Vax)
11/9 HNC-S at 2139hrs on 6575 (Credit Ary B)
14/9 HNC-S at 2256Hrs on 6575 ended 2302hrs
15/9 PCD1 at 1901hrs on 4270
18/9 FTJ calling several times on 6840 then restarting at 2028hrs with a single call of EZI
At 2030hrs regular call with EZI sending a G76 CGBXN msg (Credit M & D)
24/9 YHF3 on 2844/3840 at 1901hrs (Credit Manolis)

Owing to Receiver problems, shall we say for the time being EOM EOT.

E10 Desk For Oct 06

Frequencies Used (USB) + Callsigns

2844	YHF
3150	PCD2 * PCD
3230	KPA2
3270	MIW2
3360	VLB2
3415	ART2
3557	CIO2
3840	YHF * YHF1
4270	PCD1 * PCD * ULX2
4461	FTJ2
4560	YHF
4648	SYN2
4780	CIO2
4880	ULX * ULX2
5091	JSR + ULX * JSR2
5170	VLB2
5230	MIW2
5339	KPA2
5435	ART2 * MIW2 * ART
5820	YHF * YHF2
6270	ULX2 * ULX
6498	PCD * PCD2
6575	HNC * HNC-F
6840	EZI * EZI2
6842	EZI * YHF2
6986	ART
7540	JSR
7918	YHF * YHF2
9130	EZI
9202	YHF
11565	EZI

E10 Logs For Fanatics

2/10 1630hrs 9130+11565 EZI G89 OXXTG + G37 BGEXQ
3/10 1800hrs 6840 + 9130 EZI G86 KBGAL
3/10 1902hrs 3840 YHF G102 ANRDM + G27 AKYBQ
4/10 1630 hrs 9130 EZI G16 AECID
4/10 1800hrs 6840 + 9130 EZI G51 HEHNV
5/10 1931hrs 4270 ULX2 then PCD G8 IFXIQ
6/10 1730hrs 4880 ULX G108 RBKHR
6/10 1935hrs 4270 PCD G8 IFXIQ (Repeat of 5/10)
7/10 1901hrs 3840 YHF G47 DEPAL
8/10 1640hrs 9130 EZI G89 INJQA + G38 IVAXF
8/10 1902hrs 3840 YHF G10 AOOT
9/10 1931hrs 4270 PCD G10 HEMTK (Much Repeated)
9/10 2133hrs 5091 ULX G49 VYLQC + G76 FGLUU with JSR G19 MSYQV (Both at same time & Freq)
10/10 1903hrs 3840 YHF G10 AOOT repeat of 8/10
14/10 1030hrs 7918 YHF G19 FUKHK
16/10 1931hrs 4270 PCD G34 GEODP
17/10 1930hrs 4270 PCD G46 HHOQP
18/10 2030hrs 4270 PCD G86 CUZIL
19/10 2100hrs 4270 PCD G38 OEOTX
19/10 2200hrs 6840 EZI G74 ESSBD (Repeat of 2/8/06)
21/10 1800hrs 3840 YHF G23 UFODR
Credit for above to Alpha Vax, Manolis, Nigel, Mike, Sam & Ian

Other Activity

27/9 at 2239hrs on 6575 HNC
27/9 at 2240hrs on 6575 HNC-F
5/10 at 1902hrs on 4270 PCD1
7/10 at 1901hrs on 4270 PCD1
10/10 at 1901hrs on 4270 PCD1
12/10 at 1901hrs on 3840 YHF1
13/10 at 1901hrs on 4270 PCD1
13/10 at 1901hrs on 3840 YHF1
17/10 at 2153hrs on 6575 HNC then at 2156hrs HNC-F
20/10 at 2157hrs on 6575 HNC-F
24/10 at 1902hrs on 4270 PCD1
Credit for above to Manolis & S&D

Today the 10th of Oct My Per1000 has returned from sick bay and will assume full monitoring duties

10/10 2201hrs 6498 PCD G38 AEATX
 11/10 0531hrs 6986 ART G33 XVFAJ
 12/10 1931hrs 4270 PCD G10 HEMTK (Repeat Msg)
 12/10 2001hrs 6840 EZI G5? JDJCC
 13/10 0200hrs 5435 ART2 and MIW2 (3 calls only) another duet
 13/10 2301hrs 6842 EZI G74 ESSBD (Repeat of 2/8/06)
 14/10 0001hrs 4880 ULX G75 RTVKZ (Repeat of 2/8/06)
 14/10 0001hrs 5435 ART G157 XYIUX (Repeat of 2/8/06)
 14/10 0031hrs 3150 PCD G77 RLATI
 14/10 0032hrs 6840 EZI G86 ESAUV
 15/10 0032hrs 3150 PCD G77 RLATI (Repeat of 14/10)
 15/10 0032hrs 6840 EZI G86 ESAUV (Repeat of 14/10)
 15/10 2301hrs 6842 EZI G74 ESSBD (Repeat of 2/8/06)
 15/10 2335hrs 4880 ULX2 on extended Tx ended 2355hrs. (Unusual?)
 16/10 0001hrs 4880 + 6270 ULX G75 RTVKZ (Repeat of 2/8/06)
 16/10 0001hrs 5435 ART G157 XYIUX (Repeat of 2/8/06)
 16/10 0031hrs 3150 PCD G77 RLATI (Repeat of 14/10)
 18/10 1801hrs 6270 ULX G47 PQYXF
 18/10 1801hrs 7540 JSR G101 XSXKW
 21/10 2001hrs 5091 JSR G28 CMJEA
 21/10 2032hrs 5091 JSR G104 YKWST
 21/10 2100hrs 4880 ULX G28 GCJAE
 21/10 2330hrs 9130 EZI G51 EEP0P
 22/10 0001hrs 5435 ART G157 XYIUX (Repeat of 2/8/06)
 22/10 0031hrs 4270 PCD G77 RLATI (Repeat of 14/10)
 23/10 2200hrs 6498 PCD G38 OEOTX (Repeat of 19/10)
 23/10 2301hrs 6842 EZI G74 ESSBD (Repeat of 2/8/06)
 26/10 2302hrs 6842 EZI G74 ESSBD (Repeat of 2/8/06)

Special Strings Heard/Reported During Oct06

As at 2330hrs on the 26th Oct 06 no reported calls received or heard. The months of June, July, Aug, Sept & Oct went by with no Special Strings being heard or reported.

BMLongfield [Thanks Bob – excellent as ever].

E10-agents AlphaVax and Manolis proudly present: The first 100% complete E10 message grid:

All slots were last checked so far on Nov. 1st 2006. The colored legend shows you how often the traffic changes in the particular slots. Also one can see the repeats. The grid was finished on Oct. 27th and is updated since then. But I need to say, this great work wouldn't be possible without the great help from my project-friend from Creta, Manolis.

Again a BIG THX to him for logging the remaining impossible messages for me, checking slots frequencies and of course for his patience in getting the very very difficult slots ART 1030z and PCD 0630z!!! As a little conclusion to the last years grid, which was done by me and MysticOne and was missing 5 slots, I can say, on E10 no great changes happened to this station. The usual hightraffic slots remained so far, the other slots no big changes.

A few are idling now, other just woke up, so no changing greatly the amount of traffic. A very little changes on 5-7 slots in frequency use, going to lower frequencies happened in Summer 2006. Also on July 27th, a new slot was burn: PCD 0200z on 3150 4270, sending only PCD2 so far!

On calls ART and YHF some slots were changed to getting more repeat slots for the highvolume slots, making it possible to changes these slots even 2-3 times per day!!

As an other important fact I can tell is that the number of the "special messages", which I describe in detail in my 2 crypto reports about E10, have decreased from 13 running last year down to 5 currently (3 new and 2 old ones).

Very interesting!!

At least I can conclude, that they normally make 2 percent of complete E10 traffic. The last summary fact is the total group count sent out daily by E10: It's a total of approximately 9000 groups, going down to 8500 or to near 10000 in some times, including the repeats.

Now I wouldn't bother you with further comments, now onto the E10-message grid!

	ART	EZI	FTJ	JSR	PCD	ULX	YHF
0000	2	-	-	-	2	-	2
0030	25:PQKON	-	-	-	2	116:WTZRT	-
0100	2	2	76:PHYIZ	-	-	53:KJAIT	-
0130	17:HZJZF	2	-	-	-	-	43:IFSJP
0200	2	2	-	-	2	26:JHZH	2
0230	-	2	-	-	90:BLDYH	2	27:SGBVP
0300	2	44:IKTZK	2	-	117:AKLOG	-	-
0330	-	2	2	9:JWRLR	2	2	90:MTIIS
0400	2	2	2	-	16:BMVPY	19:AYMGE	34:UCXUL
0430	99:WLZGT	2	20:SFCSK	-	2	2	85:XFMS
0500	2	2	2	-	27:ZRFSY	2	2
0530	2*	101:NXFPT	2	-	14:XMYQK	2	114/27:SJSFX JLRPU
0600	2	12:LQFPS	2	-	2	99:OGAEB	2
0630	2	2	2	-	136:JZKZB	2	118:XGHVK

	ART	EZI	FTJ	JSR	PCD	ULX	YHF
0700	19:OEPIL	50:DXYDC	2	-	2	39:MUDHT	78:NNWEA
0730	92:WCUPG	9:WMRNF	2	-	2	2	78: ZASSB
0800	6:YBQCM	-	57:VAJWG	-	2	2	2
0830	57:YFAAA	2	2	-	2	2	2
0900	2	24:CTVGS	20:TBWTJ	-	2	121:TSAPM	118:XGHVK
0930	87:AQLZO	58:XDJLM	107:GYIDA	-	111:MJGXY	109:SQVZU	2
1000	56:USICT	20:ANEQC	2	-	16:SIPDX	2	2
1030	17:KXSUU	-	20:THIFW	-	2	51:NMQZG	19:FUKHK
1100	14:CDZCD	-	25:JZJZF	-	2	17:HZJZF	34:UCXUL
1130	2	2	2	-	27:ZDKYQ	39:GIDMT	78: ZASSB
1200	2	2	94:BMOFL	2	2	2	114/27:SJSFX JLRPU
1230	2	2	128:BYWOF	2	43:YIQXO	26:XZHVOV	118:XGHVK
1300	18:KVAZP	2	2	37:ZMNRV	2	2	2
1330	6:IBVUJ	2	64:ERTNS	95:OHNEA	73:TWKRM	102:AIPKW	85: XFMNS
1400	13:QDVVO	2	2	37:KKBEZ	18:WVJXN	2	2
1430	2	2	57:CHPQH	2	12:KWBJU	2	20:WFRFB
1500	26:ZSWMU	2	40:CXHVN	73:ZSLYH	17:GUCFS	2	2
1530	108:XXMKO	2	92:EWQDJ	81:UEWSM	2	2	41:RIVWU
1600	83:BBZBI	93:WNNSL	2	15:ELKDV	2	2	25:GZJZF
1630	42:NBHIR	20:EQXQS	2	26:CEFJT	157:PAHWQ	2	2
1700	23:SEGEH	93:BSNCQ	2	101:XSXKW	2	47:POYEP	2
1730	18:NBJPZ	86:MIEKZ	2	117:VWDPM	108:RBKHR	2	19:UVASM
1800	2	86/35:MGUVR BZIXY	2	2	35:XKAMQ	2	78: ZASSB
1830	2	2	11:GZJZF	23:ZZHDZ	92:DCIOT	43:HZJOL	2
1900	2	86/35:MGUVR BZIXY	2	11:BVJDA	2*	2	118:XGHVK
1930	53:HDZPK	2	2	33:QRLLP	16:SIPDX	2	114/27:SJSFX JLRPU
2000	109:ZBTXB	2	41:UVKRP	28:CMJEA	2	2	2*
2030	2	20:EQXQS	32:CGDIQ	102:YKWSM	66/87:WUHUM YVUFN	2	2
2100	2	69:QWQNW	167:EHEJN	2	38:OEOTX	28:GCJAE	34:UCXUL
2130	2	2	82:NIJGN	19:MSYQV	2	15:CCWSC	2
2200	2	74:ESSBD	2	2	2	2	2
2230	94:QOIMV	51:EEPOP	-	82:EJSEG	2	2	2
2300	157:XYIUX	-	15:WPKYP	-	2	75:RTVKZ	44:ZPOXE
2330	2	86:MIEKZ	31:JYJYG	-	77:RLATI	-	-

Legend:

Running time of the messages:

0-1 week

1-2 weeks

2-4 weeks

1-3 month

3-6 month

6-12 or more

Slots with sporadic/seldom (all short running messages):

all 2-4 weeks

all 1-3 month

all 3-6 month

all 1 year or more

Special notes:

* = idler flips often between 1 and 2

Thanks AlphaVax and Manolis.

[E11 \[3 \] H-FD's Updated E11 Chart can be seen in the Charts section \[also M03and S11a\] – Thanks H-FD.](#)

Several expected frequencies appear to have vanished. It may indicate that there are several new undetected ones, perhaps at new times along with changes within the known schedule where some M03 freqs become E11..

6252kHz	1630z	05/09[(287/00)] [S5 QRN-noise] JoA	TUES	
	1630z	08/09[287/00, not M03]HFD	FRIDAY	
	1630z	15/09[287/00] (~S5 QRN-noise)	FRIDAY	
	1630z	17/09[287/00] (S9 loud and clear) Mndbs	SUNDAY	
	1630z	18/09[287/00] Very good signal S9.Mndbs	MONDAY & HFD	
	1630z	22/09 [287/00] (S9+5dB)	FRIDAY	
	1630z	30/09[287/00]HFD	SATURDAY	
	1630z	01/10[287/00]PLondon, JoA, Mndbs	SUNDAY	
	1630z	04/10[287/00]Kopf	WEDNESDAY	
7984kHz	1100z	06/10[508/00] JoA – via txt.	FRIDAY	Was M03 – converted 06/10.
8091kHz	0800z	15/09 =NRH scanned 7-9.5MHz =NRH	FRIDAY	
	0800z	22/09 = NRH	FRIDAY	
8196kHz	0915z	04/09[(284/00)] [S7] JoA	MON	
	0915z	05/09[(284/00)] [S1] JoA	TUE	
	0915z	06/09[284/00] HFD	WED	
	0915z	07/09[(284/00)] [S2] JoA	THURS	
	0915z	11/09[284/00] (S4) JoA	MON	

0915z	13/09[284/00]	(S2) JoA	WED	
0915z	15/09[284/00]	(S7/S9 QSB)	FRIDAY	
0915z	18/09[284/00]	(S8 peak)Mndbs	MON	
0915z	22/09[284/00]	(S3) JoA and E	FRIDAY	
0915z	27/09[284/00]	(S4)	WEDNESDAY	
0915z	29/09[284/00]	(QRM-noise)	FRIDAY	
0915z	06/10[284/00]	(S2 QRN)	FRIDAY	
0915z	24/10 [284/00]	S4 JoA	TUES	
0915z	20/10[284/00]	S8 clean audio.Mndbs	FRIDAY	
<i>8544kHz 0830z</i>	<i>05/09 = NRH, scanned 7-9MHz = NRH.JoA</i>		<i>TUESDAY</i>	
<i>8544kHz 0830z</i>	<i>12/09 = NRH Mndbs</i>		<i>THURSDAY</i>	
8544kHz	1230z	01/09[312/00]HFD	FRI	
	1230z	05/09[312/00] Good signal via Sweden Tuner TomH USA	TUESDAY	
	1230z	08/09[312/00]HFD	FRI	
	1230z	12/09[312/00] (S1)JoA	TUES	
	1230z	22/09[312/00] (S0.5)	FRIDAY	
	1230z	06/10[312/00] (S0 QRN-buzz)	FRIDAY	
	1230z	20/10[312/00]S5 weak Mndbs	FRIDAY	
8759kHz	1030z	05/09[(312/00) [-S3] JoA	TUES	
	1030z	12/09[312/00] (S1/S0) JoA	TUES	
	1030z	15/09[312/00] (S4) JoA	FRIDAY	
	1030z	22/09 312/00] (S0.5) JoA and E	FRIDAY	
	1030z	29/09[312/00] (S3)	FRIDAY	
	1030z	06/10[312/00] (S3)	FRIDAY	
	1030z	24/10[312/00] S4 JoA	TUES	
	1030z	20/10[312/00]S7 Mndbs	FRIDAY	
<i>8800kHz 1300z</i>	<i>05/09= NRHJoA.</i>		<i>TUESDAY</i>	
<i>1300z</i>	<i>24/10 = NRH see below:</i>			
<i>8800kHz ~1301-1302z 24/10 [Fast digital signal approximately one minute on this E11 freq.] JoA TUESDAY</i>				
<i>9130kHz 1200z</i>	<i>22/09 = NRH</i>		<i>FRIDAY</i>	
<i>1200z</i>	<i>29/09 = NRH</i>		<i>FRIDAY</i>	
<i>9179kHz 1330z</i>	<i>07/09 = NRH.JoA</i>		<i>THURSDAY</i>	
<i>1330z</i>	<i>22/09 = NRH</i>		<i>FRIDAY</i>	
<i>9576kHz 0845z</i>	<i>05/09 = NRH (Cursory check. This appears to be used only on Fridays JoA)</i>		<i>TUESDAY</i>	
9576kHz	0845z	15/09[232/00] (~S1 QRM-BC)	FRIDAY JoA	
9610kHz	1100z	06/09[186/00]HFD	WEDNESDAY	
	1100z	13/09[186/00] (S4)	WEDNESDAY JoA	
	1100z	27/09 [186/00] (S? QRN-noise)	WEDNESDAY	
8196kHz	0915z	20/10[284/00] S8 clean audio.Mndbs	FRIDAY	

E11a Nil Reports

E11b

9576 kHz 0845z 22/09 [234/32 == 77777 77777 - next believed to be: 18687 +] (gross QRM-BC, unable to read properly, except for one clear group:50022) . FRIDAY JoA

9576kHz 0845z 29/09 [234/35 Att'n. 77777 77777 37388 +] (QRM-BC, poor) FRIDAY JoA

9576kHz 0845z 06/10 JoA - message as follows:

234/33

77777 77777 21882 27339 17529 61859 69561 59155 91666 47573

72003 34387 51196 03373 48303 35106 14453 35851 81007 06964

49330 07585 73601 65394 97998 79513 56143 92524 05252 71378

81232 77777 77777] (5F. rpt'd. 5f., ending 0856z)

E15 [O]

Revised Frequency schedule devised by Manolis Petrakis

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

And the phonetics used in station idents:

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

E17 [1A]

E17z. Nil Reports

E23 [11] Frequencies and Times. All SSB [From AnonUK]

Since December 2004 skeds have become erratic, and may not stick to correct weeks. Some voice transmissions have been heard in week 2
 Week 1 Usually starts on the first Monday of the Month, but there have been variations to this.
 Times are not rigid, has been known to start as early as Hour + 52
 [Tnx AnonUK].

	Week 1		Week 2		Week 3		Week 4	
	Time	Freq	Time	Freq	Time	Freq	Time	Freq
Monday	0957	6507			0757	4832	0757	5340
	1157	8188			0957	6200	0957	8188
	1257	5340			1157	8188	1157	7250
					1257	6507		
Wednesday	0957	6507			0757	4832	0757	5340
	1157	8188			0957	6200	0957	8188
	1257	5340			1157	8188	1157	7250

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Week 2 was M04 Not heard since September 2000

8188kHz 1150z 07/09[Usual call up then into message starting 93049 17814 70908 93049 17814]Mndbs, Usual changeable reception here in the UK.

8188kHz 1154z 18/09[In progress with the usual varying signal levels]Mndbs

8188KHz 1155z 21/09 Faint E THURS

And from AlphaVax a full message [Also copied and reported by FS]:

8188kHz 1149z 05/10 AlfaVax shows message as follows: THURS

00000 11111 22222 33333 44444 55555 66666 77777 88888
 99999 (2 times, 1x each)

56518 15403 00998 (3 times, 2x)

<115343z>

(each 2x)

56518
 11865 37033 50344 96089 16547 45996 08662 87062 95609
 62021 14632 41032 18481 48561 14328 36913 47273 80369
 37408 10560 04896 46633 17672 08961 29726 28555 07859
 15434 30413 78130 02635 72525 31037 18170 56205 95767
 46243 81203 28779 18823 44431 96288 59685 92938 06631

18655 51003 13089 72332 45184 29360 31003 09814 84659
12620 09184 32755 19216 82110 49291 24845 14074 59442
27831 19116 73725 14538 55502 03992 39747 02416 67602
78044 17540 63517 24275 09136 76421 28909 67134 28264
12744 94708 17667 69912 94137 06512 46028 96461 27888
46315 78550 48492 02436 13383 87855 48444 13231 29480
07850

15403

98739 46626 60196 47599 34664 40084 29528 37646 80110
20487 59061 75504 79219 17237 65462 60343 16677 26984
02122 71514 32110 46951 80602 16162 62035 20829 29746
22944 45802 25358 60803 59686 03020 01028 12577 60552
94033 15279 23409 73745 84255 34606 23106 93315 32923
69957 52674 92985 09325 79278 56574 16869 99424 14478
88722 90323 32520 31901 26869 21349 67244 04882 12843
10469 29719 47734 44919 37041 83701 90174 56278 28990
76130 39948 90437 58560 81516 35213 89932 87965 77132
45861 86212 76118 81503 32109 09169 77901 53272 44025
14289 54060 85470 63945 90725 48594 89154 67493 72521
24883

00998

99802 56545 66308 07533 20219 59752 03963 00316 20187
96969 68281 11325 94583 87669 25437 14384 72177 13160
43520 28274 52203 70587 86588 68378 31285 88561 13337
78552 60607 53742 85944 79560 52594 21928 11508 52324
58623 99730 49536 19125 73483 66291 46629 30793 54318
50545 46163 31297 87138 85070
End.

123239z

8188kHz 0950z 23/10 going '1234..', IDs 07557, 91136 & 45901, msg starts 77539... FS NL MON
0953z 25/10 msg ip, ...21889 16126.. 'Out' 1032z FS NL WED

E25 | O |

From the E25 desk

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

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

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

200 209 220 227 270 272 276 277 377 440 442 477 557 635 784 785 788 830 837 875 877 905 909

The logs

September:

E25 9450kHz 09.15z 28/09 [635 635 635 22400] Izziwizy Heard on DX Tuners, Sweden.

E25 9450kHz 09.25z 28/09 [635 635 635 22199] Izziwizy Heard on DX Tuners, Sweden.

E25 9450kHz 12.44z 28/09 [OM calls 780, Message x3, then at 1248z after some scratchy noises other OM takes mic and starts message, but in low volume. After 3rd group, volume back to normal. 11 group message: 4290 1111 4890 7363 6898 0988 1735 1804 0696 5805 4890] Manolis

E25 9450kHz 12.51z 29/09 [the same as yesterday, only a little stronger signal, 2nd OM really shouted to microphone] Manolis.

October:

E25 9450kHz 12.30z 01/10 [Arab music, other OM calling "555", 12g message: 7398 2121 1510 2494 5878 9926 6778 9934 9945 1711 8242 1510] MG.

E25 9450kHz 12.45z 03/10 [OM calls "780" 1248z "Message" x3, 10 group message from 2nd OM, this time not yelling and in a slow pace: 3805 2101 6410 2776 9818 9314 9661 8505 2273 6410 (3rd grp = last grp)] MG.

E25 9450kHz 12.44z 04/10 [yesterday's msg to "780"] MG.

E25 9450kHz 12.13z 01/10 [Arab music intro, 1217z OM calls "835", 1220z "Message" x3, then message in Arabic! 12.22z "Rebeat" x3, 1224z sudden stop, then 1225z only 3 words/numbers and stopped] MG

E25 9450 kHz 12.12z 05/10 [835 Music intro, message in Arabic, no EOM, weak signal with breaks] MG.

E25a 9450 kHz 12.40z 05/10 [785 13 14, 788 9 10 11 12, test tone prior transmission, echo, TX breaks, one moment background laughs and door opening sound. Signal strength stronger than prior TX, but not as strong as usual] MG.

E25 9450 kHz 13.02z 07/10 [875 5464 9531 2380 5713 0145 0607 6210 7875 0921 5542 4037 5656 2380 Excellent signal strength but clipped audio & hum noise] MG.

E25 9450 kHz 12.30z 08/10 [785 a couple of times, problems with mic, background chat] MG.

E25a 9450 kHz 12.45z 08/10 [785 9 10 11 12] MG.

E25 9450 kHz 13.00z 08/10 [275 and not 875, G13 5464, as of 07/10, one error made which was corrected on repeat] MG.

E25 9450 kHz 12.59z 09/10 [275 yesterday's 13 grp msg: 5464, carrier open 1251z, test tone prior TX. Excellent sigs, (no trace of DRM), good audio] MG.

E25 9450 kHz 12.57z 10/10 [275 5464 as of 07/10, excellent signal, test tone prior TX, a couple of breaks, EOM 1309z, carrier down 1311z] MG TUESDAY

E25 9450kHz 12.57z 11/10 [calling 275 with a new voice now] MG.
 E25 9450kHz 12.15z 13/10 [calling 835, very poor signal, DX Tuners, Sweden] Izzywizzy, Alpha.
 E25a 9450kHz 12.18z [Music intro, 830 83, QRT 1224z] MG SATURDAY.
 E25 9450kHz 12.15z [430/23 S2 (what was audible to me) 1215 eastern music signon and om announcer with
 ctrl message 430/23. The usual "mic tap" occurred at 1325 and then signoff] Tom.
 E25 9450kHz 12.29z 17/10 [555 4965 3131 4110 5813 1913 3887 5311 2216 2634 7403 2532 2882 4110.
 Intro music, new OM (11/10), good audio, excellent signal] MG TUESDAY.
 E25 9450kHz 12.25z 18/10 [557 1, the new OM, music intro, transmission break at 1230z, QRT 1234z.
 Excellent signal strength.] MG WEDNESDAY.

Thanks guys for sending your logs: MG, Izzywizzy and Tom. [Tnx X]

G06 [1A] [G06 Schedules across one year, via H-FD at end of NL]

PoSW writes of G06, "The first Monday in the month 1900 + 2000z schedule continues into October along with the twice a month Thursday 1830z and Friday 1930z transmissions. Frequencies are similar to those used in the same months in 2005.

First Monday in the Month Schedule, call always "308":-

4-Sept-06;- 1900 UTC, 8,170 KHz, "308 308 308 00000", back in the old "no message" routine following the transmission of 154 x 5F groups of August. Signal strength S8 to S9, lower sideband well suppressed.
 2000 UTC, 6,835 KHz, second sending, S9+ signal over-riding all sorts of QRM, WEFAX, "XJT" etc.

2-Oct-06;- 1900 UTC, 6,865 KHz, "308 308 308 00000". Same frequency used in October 2005, S9 signal with lower sideband well suppressed.
 2000 UTC, 5,210 KHz, second sending, very strong, S9+ signal.

Thursday 1830z Schedule:-

14-Sept-06;- 5,934 KHz, call "579", DK/GC "126 126 33 33". Frequency changed from 6,887 KHz used in the summer months, as in previous years. Now inside 49 metre band, similar to the frequency used for the Friday 1930z transmission in the summer months, a strange choice given the severe interference from broadcast stations, difficult copy.
 28-Sept-06;- 5,934 KHz, "579" and "126 126 33 33" again with the usual BC QRM.

12-Oct-06;- 5,934 KHz, no change of frequency in October, calling "579", DK/GC "318 318 28 28", somewhat lower group count than is usual for this one, usual difficult copy due to severe broadcast QRM. May have started one minute early, turned up the audio gain just after the half hour to hear the four minute call-up and the DK/GC came at 1933z.

Friday 1930z Schedule:-

15-Sept-06;- 5,442 KHz, as expected has moved from the spot inside the 49 metre broadcast band used in the summer months - now used for the Thursday transmission. Call "947", DK/GC same as yesterday's, "126 126 33 33". Strong signal, S9+.
 29-Sept-06;- 5,452 KHz, "947" and "126 126 33 33" again, good signal, 10 KHz higher than when heard on the 15th; close to RAF VOLMET on 5,450 with subsequent SSB "monkey chatter" type interference.

13-Oct-06;- 5,442 KHz, started approx. 45 seconds early, call "947", DK/GC as on yesterday's transmission, "318 318 28 28", S9 signal, lower sideband well suppressed. Having logged the whole 28 group message it was noticed that the pairing "89" cropped up frequently, i.e group No. 2, "89204"; No. 8, "89021"; No. 10, "89019"; No. 11, "78924"; No. 14, "89024"; No. 15, "89020"; No. 18, "89209"; No. 20, "89214", No. 24, "78929" and No. 25, "47894"." [Thanks Peter].

5442kHz 1930z 15/09 good signal USB: AlpaVax & E

947 947 947 126 126 33 33
 67821 00556 78940 80321 44014 05674 83929 09492 94234
 80567 78094 89410 80493 78919 09041 98744 09819 47829
 94189 41434 67847 47732 78298 78491 56143 67848 17844
 78741 47781 78411 78241 78188 12437 126 126 33 33
 00000

Rpt. from yesterday 5935kHz 1830z 14/09 sent with ID 576.

5210kHz 2005z 02/10[308 00000] E
 5442kHz 1930z 13/10[947 318 38] E
 1930z 27/10[947' 318 28 67821 etc]RNGB
 6865kHz 1900z 02/10 [308 00000] E & AlphaVax

G22 [15] [Possibly now inactive, see Family XV in ECL22]

SLAVIC STATIONS

NOTE: Chart 25 update in NL36 should have been 'Chart 26'. We apologise for this small error

Chart 27 From 1st September, 2006

M10, S10d and S17c

Compiled by the Slavic Desk

Freq kHz	Freq //	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Activity Designation
6945	8175			S0150	S0150				ALT
4485	6758							0210	R
4836	7380			0310					NEW
4485	6833			0330		0330			R
4485	6758				0340				ALT
3522	4485		0400	0400		0400			R
8175						0410			NC
4485	6763							0410	R
5471					S0410	S0410			R
3522	5301			0430					R
8175				0430		0430			R
5301	8190		0450	0450					R
4836			S0450			S0450			R
3660	5917	0535	0535		0535			0535	R
			S0540	S0540					R
9986	11417					S0600		S0600	R
14565	15898	0615	0615	0615	0615	0615	0615	0615	R
5945	9166							0700	R
9986	13405							S0755	R
5078	8190				0800	0800			ALT
9986	13405				S0820	S0820			ALT
					0830				R
14445					0840	0840			ALT
			1000	1000			ALT		
						1100	1100		ALT
5495	9166		1140	1140					ALT
			1200	1200					R
8143	12226				1200	1200			ALT
						S1230	S1230		ALT
5301	8190	1250	1250	1250	1250	1250	1250	1250	R S17C
5945	9166		1340	1340					ALT
8175			1410	1410					R
14445						1440	1440		ALT
5945	9386		1500	1500					ALT

Freq kHz	Freq //	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Activity Designation
8175	9986							S1520	R
14565						1530	1530		ALT
5028	7605	1610	1610						ALT
5078	7745	1630	1630		1630			1630	R
7605	11417			1640					R
5078	8112		1700	1700					
5917	9166				1700	1700			
7475	9986			1720		1720			R
7475	11417						1720		R
6945	10582		S1740	S1740					R
5945	9369	1800				1800			R
4836	9369		1820	1820					ALT
7745	9385				S1820	S1820			ALT
14337					1840	1840			ALT
				S1855	S1855				[ALT]
4030	6758				1900	1900			ALT
5945	10125	1920	1920						R
8190	12295				1940	1940			ALT
7745	9166			1950		1950		1950	R
2774	3383		S2020			S2020			R
6894	7745	S2050		S2050					R
3522	4782		2100		2100				R
5474	6894					S2130		S2130	R
3522	4485		2200	2200					R
5945			2200	2200					R

Freqs ± 2kHz

Activity Designations:

- R: Regular transmissions on the time and day shown weekly
I: Irregular transmissions on the day and time shown
ALT: Regular transmissions on the day and time shown, but on alternate weeks.

Chart 27 above is valid from 1st September to 31st October, 2006. This is an interim period prior to the Full Winter Programme.

In order to clarify these changes I am now including the rotational changes for the full year together with relevant chart numbers for guidance, for years 2006 and 2007/8.

1 st May to 31 st August	[Summer Schedules]	Chart 25 update [26] Newsletter 36
1 st Sept to 31 st Oct	[Interim]	Chart 27 Newsletter 37 – this issue.
1 st Nov to 28 th Feb	[Winter Schedules]	Chart 22 Newsletter 32
1 st Mar to 30 th Apr	[Interim]	Chart 23 Newsletter 33

Monitors should be aware that unforeseen changes will occur from time to time. Should this happen we will endeavour to post such changes as early as possible at the beginning of the month.

Referring back to Chart 27 [in this Issue] a number of new/additions and amendments have been included; all found during September and October. They are as follows:

From Plondon:	New Schedule	Tuesdays	0310z 4836//7380kHz; Message repeats the previous 1920z Sun/Mon.
		Tues/Thurs	0330z // freq 6833kHz
		Sun,Mon,Wed, Sat	0535z //freq 3660kHz
From Jon-FL [US]	New Schedule	Thursday	0410z 8175kHz. Supportive soundfile received – thanks Jon.

[Unfortunately neither Plondon or myself have been able to intercept this one despite listening on this particular morning and other days. For the time being it is classified Not Confirmed [NC].

During the search for this transmission my own efforts produced:

	Tues/Thurs	0430z	8175kHz
--	------------	-------	---------

Note this is an addition to the 0430z 3522//5301kHz which still appears to be Tuesday only.

S10d 0150z and 1855z schedules now classified alternative.

A warm welcome to new contributors [to these stations anyway]; Manolis, Costas, Jon F-L and FS NL. We look forward to futher contributions!

For sometime now I have been considering what is called the ‘Decode Key’ and how it got its name.

On a normal transmission the ID and Group Count are sent many times but the DK is sent only 4 times per message; twice in the preamble and twice at the ending. Surely the Decode Key is as important, if not more so, than the Group Count. Thoughts and comments would be appreciated.

A number of happenings over this period by both M10 and S10d lead me to ask the question, “Are standards slipping?”

Numerous schedules have been starting 1 to 2 mins late. On Wednesday 11th October S17c started 3mins 48secs late whilst the earlier 0820z S10d suffered intermittent loss of audio, which was replaced by a tone. Keying problems also occurred on a number of ICW transmissions.

Transmission schedules which are repeating earlier messages [see repeat message procedure] have on two occasions sent the messages in reverse order.

On Tuesday 12th September, 2006 both 2200z schedules were sending the same message procedure; after 3 or 4 mins the 5945khz transmission ceased briefly and restarted with a different procedure. It is worth noting this has happened before.

I have decided to reduce my monitoring hours ‘on watch’ as we are coming into my ‘construction’ period of the year. I will still produce the M10/S10d/S17c Chart but will concentrate on the confirmation of any new schedules , parallel freqs and those schedules for which we have no freqs. I will also ensure alt week routines are up to date. Details on any of the above will be reported.

Finally, I have not heard M11 for over two and a half months.

Stop Press 2200z021106 [Thursday]

The expected rotational change took place on 1st November.

The first reported intercepts were from Fritz Nusser, many thanks Fritz.

Early indications are that Chart22 is being used; some changes in procedures are taking place and these are being constantly monitored.

Triplets have taken on a life of their own; so far 111, 222, 333, 444, 666, 777, 888 and 999 have been used. The usual 555 is noticeably absent and schedules are using one frequency only.

My theory long ago that 111 had been retained by Slovakia after the split with the Czech Republic is no longer valid and is obviously still being used by both services.

The changes in the case of triplets have only happened before on rare occasions and on a small scale.

Present changes are more comprehensive and do bring a new meaning as to their usage and significance. A further week or two will be needed to fully assess the situation and the relevant information posted to Group.

2200z031106 [Friday]

Further to the above, Friday’s happenings:

1250z S17c both freqs operational, reverted back to 555

1440z M10 repeat of Thursday did not appear.

1530z M10 repeat of Thursday 1440/1530z did appear with change of triplet from 666 to 444.

1720z M10 7605kHz only operational, triplet 999.

This change has been the most extensive in the four years I have exclusively studied this Group

73 Derek [Thanks DoK]

Further proof was available in logs sent by FS NL AND Fritz Nusser:

From FS NL

M10 3522//4782kHz 2100z 29/10 555 376 75/31==19211.. 522 46/20==39506.. FS NL SUN [Normal header 555]

M10 3522kHz 0400z 02/11 999 376 75/31==19211.. 522 46/20==39506.. same as Sun 21z, but 'upgraded' from 555 to 999 FS NL THU

S10d 3564kHz 2020z 02/11 333 011 72 32 pp 51254... kk 2031z FS NL THU

Another 'upgraded' msg. Msg was:

51254 10670 62757 35199 35546 46012 43429 70127 00615 29981
88597 32438 45984 11176 08084 27218 12776 38722 48819 01520
76228 17985 21604 17850 16423 68960 21402 57411 97409 38854
47647 03773

and from Fritz Nusser proving DoK's Friday obs:

M10 11416kHz 1440z 03/11. (no show) FN FRI

M10 11416kHz 1530z 03/11. (444 524 39 834 38) FN FRI

Thanks to all concerned

S04 [15] [Possibly now inactive, see Family XV in ECL22]

Pronunciation of numerals

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

S06 [1A] See end of this Newsletter for the updated "[S06 Regular skeds - September](#)"

S06 Russian language still busy in both OM and YL variants, most surprising of all the Saturday 1600z "108" heard in October with a "full message" transmission for the first time ever.

Tuesday 1630 + 1730 UTC Schedule:-

5-Sept-06:- 1630 UTC, 11,020 KHz, call "635", DK/GC "849 849 60 60", signal strength S6, lower sideband well suppressed."45041 20427 17322 27115.....".

1730 UTC, 8,170 KHz, second sending. flattened by S9+ "XJT" roaring away, S06 only occasionally detectable. These frequencies used for this schedule in October last year.

6-Sept-06, Wednesday:- 1737 UTC, 8,170 KHz, second sending of the "Next Day Repeat" in progress, a bit stronger than yesterday, audible under strong "XJT".

19-Sept-06:- 1630 UTC, 11,020 KHz, call "635", DK/GC "918 918 72 72", weak signal, "07451 23416 74501 31225.....".

1730 UTC, 8,170 KHz, second sending flattened by "XJT".

20-Sept-06, Wednesday:- 1641 UTC, 11,020 KHz, the next day repeat in progress, very weak signal, ended after 1646z with "918 918 72 72 00000".

1730 UTC, 8,170 KHz, second sending, unreadable under S9+ "XJT".

26-Sept-06, Tuesday:- 1730 UTC, 8,173 KHz - second sending, has at last moved away from 8,170 to get clear of that rock-crusher of an "XJT". Call "635", DK/GC "219 219 74 74", signal strength peaking S9 with QSB.

3-Oct-06:- 1630 UTC, 9,220 KHz, calling "403", DK/GC "527 527 61 61", signal strength S8, lower sideband suppressed as always. "73531 42426 11771 75070.....".

1730 UTC, 7,810 KHz, second sending, S9 signal. These frequencies used for this schedule in October last year.

4-Oct-06, Wednesday:- 1630 UTC, 9,210 KHz - 10 KHz lower than yesterday - and 1730 UTC, 7,810 KHz, Next Day Repeats of "403" and "527 527 61 61".

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

28-Aug-06:- 2015 UTC, 10,910 KHz, "583 583 583 00000"

2115 UTC, 8,170 KHz, second sending under strong "XJT".

11-Sept-06:- 2015 UTC, 8,120 KHz, calling "601" for a full message, looking back through the log the last time this schedule sent such a transmission appears to be in May. DK/GC "352 352 99 99", S9+ signal, lower sideband suppressed. "16662 33314 31510 74864 64900.....".

2115 UTC, 6,960 KHz, second sending, noted in use by this schedule in September last year.

12-Sept-06, Wednesday:- 2015 UTC, 8,120 KHz and 2115 UTC, 6,960 KHz, the expected next day repeats of yesterday's "601" and "352 352 99 99".

25-Sept-06:- 2015 UTC, 8,120 KHz, "601 601 601 00000", back in the old routine, repeated 2115 UTC, 6,960 KHz, strong signals both.

Saturday 1600 UTC Schedule:-

2-Sept-06:- 6,788 KHz, "108 108 108 00000", signal strength S7, lower sideband well suppressed. Frequency has changed from 6,794 KHz used in the summer months. A somewhat erratic, unpredictable operating schedule, in August appeared on 6,794 on the 5th, 12th and 19th of the month, no sign last Saturday the 26th. 6,788 KHz was used in April. Carrier was up today 1546z.

9-Sept-06:- 6,788 KHz, "108 108 108 00000".

16-Sept-06:- no sign of "108" today although strangely there was a strong carrier with audio tone up on 6,788 KHz when checked at 1546z which seemed to be part of the usual pre-transmission warm-up routine but it went off 1548z and did not return.

23-Sept-06:- 6,788 KHz, "108 108 108 00000", back again today, peaking S9, lower sideband well suppressed. Laying in wait on 6,788 the carrier came up just after 1544z, tone 1547z and a single "Adean noll vosyem" at 1549z. Plain carrier until start-up on the hour.

30-Sept-06:- no sign of 1600z "108" on 6,788 KHz today.

7-Oct-06:- 6,788 KHz, no change of frequency in October and, most remarkably, today there was a "full message"!

Now, there has been an S06 in this part of the shortwave spectrum on Saturdays at 1600z, which in the UK is 5 PM in the summertime and 4 PM in the winter, for years and this is the first occasion I have observed anything other than four minutes of "00000" - no message. Calling "108", DK/GC "295 295 46 46", "16079 43271 35353 04889.....". Strong signal, lower sideband well suppressed, troublesome roaring "XJT" on LF side removed by using the receiver in USB mode. Carrier came up 1546z, tone 1553z, single "108" 1554z. Ended 1612z with DKDK GCGC and 5 x "Noll".

Does this indicate the awakening of a "sleeping agent" from his slumber? I wonder if "108" was able to remember where he had hidden his one-time decoding pads and whether he could remember how to use them?

14-Oct-06;- No sign of the 1600z S06 on 6,788 KHz today, no carrier or tone heard, monitored the frequency from approx. 1545z until after the hour. And nothing heard on the following Saturday, 21-Oct.

Saturday 1930 UTC:-

16-Sept-06;- 5,746 KHz, "428 428 428 00000", strong signal, slight QRM from FSK/RTTY on close frequency. As per RNGB's chart in E2K 36. I had logged this schedule myself in March this year but lost track of it in April, hadn't realised it was back.

23-Sept-06;- 5,746 KHz, "428 428 428 00000", S9, lower sideband well suppressed.

14-Oct-06;- 5,746 KHz, "428 428 428 00000", not much change in October, then although the signal was much weaker than when heard last month. Voice appeared to have stopped when checked again 1933z, carrier was still on, went off 1934z.

Other S06:-

19-Sept-06, Tuesday;- 2015 UTC, 12,195 KHz, S06 calling "583" for a "full message" which turned out to be a two-message transmission, haven't heard one of these in a good while, presumably E2K designation S06E? But even more unusually the first message was a two group "stutter", DK/GC "406 406 2 2", "11111 11111 00032 00032", then DK/GC and call "583" again, second DK/GC "971 971 24 24". Was becoming weaker signal as the transmission progressed, ended 2025z with usual DKDK GCGC and 5 x "Noll". Carrier with tone had been noted warming up at 2004z when it was stronger at S5 or so.

2115 UTC, 9,130 KHz, repeat sending of "583", "406 406 2 2" and "971 971 24 24". Much stronger signal than first sending, S8 to S9.

20-Sept-06, Wednesday;- 2015 UTC, 12,195 KHz, it would be reasonable to suppose that this was going to be a "Next Day Repeat" of yesterday's two-message variant; but, not so! Four minutes of "583 583 583 00000". And there was no sign of a second sending at 2115 UTC on 9,130 KHz, the frequency noted yesterday.

And the S06 YL Voice Variant:-

Wednesday 1900 + 1910 UTC Schedule:-

6-Sept-06;- 1900 UTC, 9,220 KHz, calling "371", DK/GC "892 892 5 5", always a short message from the Young Lady, "56887 93419 45517 94614 89050", over and done by 1905 and 25 seconds UTC.

1910 UTC, 8,270 KHz, second sending, frequencies changed from the 10,170 + 9,110 KHz used in the summer months, as shown in RNGB's chart in E2K 35.

13-Sept-06;- 1900 UTC, 9,220 KHz, and 1910 UTC, 8,270 KHz, "371" and "892 892 5 5", as last Wednesday.

27-Sept-06;- same times, frequencies and message.

4-Oct-06;- 1910 UTC, 8,270 KHz, second sending, missed the first, "371" and "864 864 5 5", short message as always, "35167 75195 45751 01687 84592"

11-Oct-06;- 1900 UTC, 9,220 KHz and 1910 UTC, 8,270 KHz, "371" and "864 864 5 5", as last week.

Tuesday 1800 + 1810 UTC Schedule:-

12-Sept-06;- 1802 UTC, 5,680 KHz, found with call-up in progress, calling "624", DK/GC "981 981 5 5", short message, "38884 85568 44545 28416 13437". Of all the frequencies available Ivan had to choose this one to send his YL out on a Tuesday evening; it is a busy rescue channel and there was two-way SSB comms in progress with "Rescue 177", very weak, attempting QSO with "Kinloss Rescue", very strong. The weaker station must have complained about the QRM because the stronger one said, "Unfortunately, Sir, every Tuesday...er...this is a Soviet number counter. It'll go off in thirty minutes, over". Interesting that he used the word "Soviet" - must have been an Old Timer! And the transmission actually went away after just over five minutes, ending a bit after 1805 UTC. On checking RNGB's "Regular Skeds" in E2k 35 afterwards, the repeat frequency is listed as 1810z, 6,815 KHz.

19-Sept-06;- 1800 UTC, 5,680 KHz, "624" and "981 981 5 5", as last Tuesday. No SSB traffic heard while the transmission was in progress but 2-way traffic started up as soon as the S06 YL had finished.

1810 UTC, 6,815 KHz, second sending, strong signal, RNGB gets it right again!

26-Sept-06;- 1800 UTC, 5,680 KHz, "624" and "981 981 5 5", strong signal, no SSB comms heard during the transmission but "Kinloss Rescue" fired up as soon as S06 stopped.

1810 UTC, 6,815 KHz, second sending, strong FSK station slightly LF, removed by using the receiver in USB mode and letting the ceramic filter do its stuff.

24-Oct-06;- 1800 UTC, 5,680 KHz, same frequency as in September, call "624", DK/GC "518 518 7 7", short 5F message as always, "92554 48575 55455 20845 77456 69559 61451". Over-riden on a couple of occasions by two-way SSB "rescue" traffic.

1810 UTC, 6,815 KHz, second sending. [Thanks PoSW]

RNGB send's hos S06 Log and comment – tnx Richard.

5th Sept	0700	5760	'374' 512 6 89454 10434 etc
	0715	6930	'374' repeat
	1400	14740	'493' 00000
	1500	12215	'493' 00000
	1630	11020	'635' 849 60 45041
	1730	8170	'635' repeat (our regular NO 8s or 9s message)
	1800	5680	'624' 981 5 38884 etc
	1810	6815	'624' repeat (where did this one go the last 2 months? Not heard on 5745)
11th	2015	8120	'601' 352 99 16662
	2115	6960	'601' repeat

12th	0700	5760	'371' 512 6 89454
	0715	6930	'371' repeat
	0800	11635	'352' 410 6 05823
	0810	10420	'352' repeat
	0800	7320	'418' 296 5 29619
	0810	9840	'418' repeat
13th	0830	9255	'471' 825 6 76550 (slow)
	0840	9480	'328' 504 6 63282
	0850	11040	'328' repeat
	1800	5735	'471' 00000 (fast)
14th	1600	12560	'425' 910 6 85586
15th	0930	12140	'516' 492 7 45282
	0940	13515	'516' repeat
16th	1930	5746	'428' 00000
19th	0800	11635	'352' 410 6 05823
	0810	10420	'352' repeat
	0800	7320	'418' 296 5 29619
	0810	9840	'418' repeat
20th	1200	6920	'971' msg in progress, 54 groups I believe.
			This was the worst sending of S6 I've ever heard. It broke down at least 5 times and was restarted from the group prior to the break in tx.
	1800	5735	'471' 00000
21st	1000	9225	'895' 412 7 75425
	1010	11515	'895' repeat
21st	1600	12560	'425' 910 6 85586
23rd	1930	5746	'428' 00000
25th	1200	9145	'831' 495 6 41187
	1210	11460	'831' repeat
	1600	8040	'176' 429 8 35458
	1610	6830	'176' repeat
	2015	8120	'601' 00000
	2115	6960	'601' 00000
26th	1400	14740	'493' 867 119 22387
	1500	12215	'493' repeat
	1500	6464	'537' 814 6 groups
	1510	7242	'537' repeat
	1800	5680	'624' 981 5 38884
	1810	6815	'624' repeat
28th	1000	9225	'895' 412 7 75425
	1010	11515	'895' repeat

We now feature analysis from RNGB before looking at the October logs:

S06 Report;

S06 (slow) with the Young Lady has been giving messages on all the transmissions I have monitored. A year or so ago they were always nul messages. They are now normally 5 to 10 groups, but the time slot could accommodate 20 groups.

Each ID has sent the same message all month. Each message is different every month.

The frequencies for ID 425 have been found for the Autumn months. They are 12560 and 13065 (which sit in the maritime bands)

Probably why no one has found them before. The signals are exceptionally good, and are in AM mode.

ID 314 has changed times and is now at 12.30/12.40

ID 481 has not been found. If it is lower in frequency it may not propagate at mid-day.

ID 745 has moved 1 hour early. I no longer think that the secondary frequency 11830 is a harmonic. It has been monitored every week and has a consistent strong AM signal. It is just very unusual to find it 4Mhz from the primary. This is the only ID that does not change frequency. ID 176 is using 8040/6830.

See attached S06 (slow) chart.

S06 (fast zeroes with the Old Man) has thrown up a few surprises.

Thursday 19th October I found him on 16120 Khz at 0820z with '129' 00000 and this was simultaneously broadcast on 12223 Khz.

I have never known S06 to broadcast on parallel frequencies before. No repeat was found later. It is possible there was a transmission at 0720z.

The same morning I found him warming up on 11065 (sounded like the same transmitter), and at 0840 up came S06b (the dual message variant with 11111 stutter group. The message was ID 725 814 2 11111 00032 814 2 ID 725 (repeated) then 639 40 53547 37511 etc, ended 00000. This is S06b

Now, back in my 2005 log I found an entry on the 2nd Thursday of October at 0840/0940 with same ID and a 54 group message.

The secondary frequency was 13380.

I parked my radio on 13380 and, sure enough, up he came with the repeat at 0940

The really curious part is that the following day (Friday) the repeat came up on schedule at 0840 (but 5kc higher on 11170) and after the ID 725 the first message (2 814 11111 00032) was omitted and it went straight into the 2nd message of 40 groups, ending 00000. Back to plain S06. So what is the possible significance of the first 2 groups on the first day?

Tuesday 10th found him with message in progress at time 1910 on 6920kHz (see Sept 20th entry). Again it was a very badly sent message with continual breakdowns.

Tuesday 17th found S06 at 1815/1915 on 11495/8160kHz with '362' 951 40 groups – another unknown schedule. Maybe this was a repeat from Monday?

Some time slots will move +1 hour UTC for the winter months.

Now on to the logs:-

Mon 2nd October	1200	9145	'831' 942 5 46856 27149 32972 36895 52545
	1210	11460	'831' repeat
	1600	8040	'176' 239 5 50555 55252 80555 54441 45931
	1610	6830	'176' repeat
Tues 3rd	0800	7320	'418' 507 6 06853 56315 68774 23154 66433 77331
	0810	9840	'418' repeat
	1400	13550	'493' 00000
	1500	11140	'493' 00000
	1500	6464	'537' 981 6 77475 65498 etc
	1510	7245	'537' repeat
	1630	9220	'403' 527 61 73531 etc
	1730	7810	'403' repeat
	1800	5680	'624' 518 7 92554 48575 55455 20845 77456 69559 61451
	1810	6815	'624' repeat
Weds 4th	0820	7605	'471' 208 6 18325 54404 55567 45545 54405 45017
	0830	9255	'471' repeat
	0840	9480	'328' 549 6 88540 84856 44693 51931 42807 10463
	0850	11040	'328' repeat
	1800	5735	'471' 00000
Thurs 5th	1000	9225	'895' 473 6 78565 07697 97752 02865 58762 58254
	1600	12560	'425' 816 7 73517 73671 86908 64487 15275 40437 15864
	1610	13065	'425' repeat
Fri 6th	0600	6340	'934' 526 7 78162 09817 35620 66753 20196 54567 12456
	0610	5470	'934' repeat
Sat 7th	1930	5746	'428' 00000
Mon 9th	2015	6870	'427' 00000
	2115	5760	'427' 00000
Tues 10th	0800	11635	'352' 478 6 97864 56423 12432 57649 44082 66319
	0810	10420	'352' repeat
	1910	6920	'971' 638 40 groups (msg in progress)
Weds 11th	0700	13420	'729' 468 5 51319 54124 99739 59605 55034
	0710	15380	'729' repeat
	0730	7335	'745' 293 6 04921 75562 95574 05668 61428 99770
	0740	11830	'745' repeat
	1230	7620	'967' 420 5 20330 etc
	1240	8105	'967' repeat
	1800	5735	'471' 00000
Fri 13th	0700	7795	'196' 582 7 89718 65019 46537 55091 34569 23481 81029
	0710	8695	'196' repeat
Tues 17th	1630	9220	'403' 197 65 45621 etc
	1730	7810	'403' repeat
	1815	11495	'362' 951 40 81678 etc
	1915	8160	'362' repeat
Weds 18th	1900	9220	'371' 864 5 35167 75195 45751 01687 84592
	1910	8270	'371' repeat
Thurs 19th	0820	12223	//
	16120	'129' 00000	(OM, fast 0s)
	0840	11065	'725' 814 2 11111 00032 814 2 '725' 639 40 53547 etc (S06b)
	0940	13380	'725' repeat
Fri 20th	0840	11070	'725' 639 40 53547 etc
	0940	13380	'725' repeat
Mon 23rd	2015	6870	'427' 00000
	2115	5760	'427' 00000
Tues 24th	1400	13550	'493' 00000
	1500	11140	'493' 00000

Tues 31st at 1630/1730z 9220/7810kHz with '403' 621 75 52745 etc (seems to be a different message each week) [RNGB]

S06c

Weds 18th October 0750 7590 11715 (repeated for 4 mins) lsb well suppressed

5760kHz 2115z	09/10	427 00000 FS	MON
2115z	23/10	427 00000 FS NL	MON
6870kHz 2015z	09/10	427 00000 FS	MON
2015z	23/10	427 00000 FS NL	MON
9145kHz 1200z	23/10	831 942 5 46856 27149 32972 36895 52545 0 0 0 0 1205/15z FS NL	MON
9840kHz 0810z	10/10	418 507 6 07853 56315 68774 23154 66433 77331 0 0 0 0 0816zFS	TUE
11140kHz 1400z	10/10	493 00000 FS	TUE
11460kHz 1210z	09/10	831 1 942 5 46856 27149 32972 36895 52545 0 0 0 0 1216z FS	MON
1210z	23/10	831 942 5 46856 27149 32972 36895 52545 0 0 0 0 1205/15z FS NL	MON
13550kHz 1500z	10/10	493 00000 FS	TUE

Mndbs' log:

7795kHz 0706z	20/10	Ending 582/7 000 Mndbs	FRIDAY
8695kHz 0710z	20/10	196 582/7 S5 QRM 89718 65019 46537 55091 34569 23481 81029 582/7 00000 Mndbs	
11070kHz 0840z	20/10	+10db AM 639/40 male voice [Same message as second part of S06b 19/10] Mndbs	FRIDAY

12140kHz 0930z 20/10 516 428/7 S9 73927 01556 54752 60557 50043 11428 56767 428/7 00000 Mndbs FRIDAY

13380kHz 0940z 20/10 725 +10db male voice. Same message as second part of S06b yesterday! Shown at end of this log* FRIDAY
* S06 0840 and 0940 message.
639/40
53547 37511 73361 51557 35994 50310 33419 49669 36771 66365
24494 24290 66067 61699 80634 73329 18347 59865 30873 78828
86285 94352 69188 28533 49818 31441 02942 42298 84922 14408
81869 28191 84726 57182 07999 53235 95277 87614 10169 46837
639/40 00000

S06b

11065kHz 0840z 19/10[725' 814 2 11111 00032 814 2 '725' 639 40 53547 etc, ended 00000] RRGB THURS
13380kHz 0940z 19/10[725' 814 2 11111 00032 814 2 '725' 639 40 53547 etc, ended 00000] RRGB THURS

RRGB comments, "I last heard this ID on the 2nd Thursday of October 2005 with just one normal message. Never been heard since. Where does this one go all year? Does an agent really wait all year for just one message?"

Thanks to PoSW, RRGB and all others who have contributed to this stations logs

S10d [9A]

Before the logs PoSW's analytical log and comment:

The first week of September saw the expected seasonal changes of frequencies of many of the S10d Czech YL, generally moving lower in frequency and well documented in the Slavic Desk's charts. All transmissions continue to be in upper sideband suppressed carrier as has been the case since the end of April so it looks as if this mode of transmission is here to stay. When the clocks change with the end of summertime on the last weekend of October will stay on UTC and appear one hour earlier local time. Schedules monitored in September and October include the following:-

Sunday + Tuesday, 2050 UTC, 6,894 // 7,745 KHz, on these frequencies as of 3-September having changed from 8,175 // 9,985 KHz used in the summer months. Signal strengths were quite strong in early September especially on Tuesday the 5th when both were S9 but by the first week of October both had become much weaker. On Sunday 8-October 7,745 was very weak, nothing heard at all on 6,894 until 2057z when S10d became just audible.

Monday + Tuesday, 1740 UTC, 6,945 // 10,582 KHz, moved down from 8,190 // 13,502 of the summer months. Always has two separate 5F messages, the same on the Monday and the Tuesday. 6,945 KHz usually the stronger of the two but sometimes wild variations of signal strength on successive days; for example on Monday 2-October, 6,945 was a good signal with 10,582 so weak as to be only just detectable. On Tuesday the 3rd 6,945 was around S7 and 10,582 was peaking S9.

Alternate Wednesday, 1820 UTC, 7,745 // 9,385 KHz, was on 9,985 KHz where it often suffered from severe broadcast interference, // unknown, in the summer months. When heard on 27-Sept was a strong signal on both frequencies. On 11-Oct 7,745 was a reasonable signal but 9,385 very weak with severe broadcast QRM.

Alternate Tuesday + Wednesday, 1855 UTC, 13,405 // 15,785 KHz. When heard on Wednesday 27-Sept 13,405 was peaking S9 with 15,785 - replaces 14,445 used in the summer months - much weaker. On Tuesday 3-Oct both frequencies were weak signals, 15,785 only just detectable and on Wednesday the 4th both were slightly stronger. Things had gone from bad to worse on Wednesday the 18th, 13,405 very weak indeed and 15,785 not heard at all until around 1903z when it emerged from the background noise and became detectable for a few seconds before sinking back into oblivion.

Saturday, 1520 UTC, 8,175 // 9,985 KHz, in September changed from 7,745 // 9,165 used in the summer months. 8,175 usually the stronger of the two, the "XJT" which often sits churning away slightly LF is automatically removed by using the receiver in USB mode, 9,985 with varying levels of broadcast sideband splash interference.

Saturday + Thursday, 0600 UTC, 9,985 // 11,416 KHz, 9,985 replaces 9,385 used in the summer months. Reasonable signals on both frequencies in early September, much weaker later in the month; on Thursday 28-Sept 9,985 very weak, only just detectable and nothing at all heard on 11,416. On Thursday 5-Oct both frequencies just about readable but an Italian language broadcaster had appeared on 9,985.

Saturday + Thursday, 2130 UTC, 5,473 // 6,894 KHz. When heard in late September signals were strong on both frequencies, slight interference from an "XJT" on 6,894. On Thursday 19-October 5,473 was a strong signal but 6,894, not one and a half megs higher could not be heard at all. Was on 7,475 // 9,165 KHz in the summer months, 7,475 was always barely readable thanks to extremely strong broadcaster "Voice of Greece" in their very own Greek language on this frequency. [Txn PoSW]

2774kHz 2020z 04/09[555: 292-09/18=04468] //3383 HFD
2020z 28/09 Thu 555 602 57 20 pp 80615... kk 2029z //3383 FS

Msg was:
80615 78612 06584 36335 42330 47904 11746 61049 03237 13368
27994 61187 53893 93323 97855 32184 04190 99769 13799 97807

2774kHz 2022z 05/10 [555 158 16 28 pp ... kk 2031z //3383kHz] FS THURS

4835kHz 0450z 28/09[555: 602-57/20=80615]HFD
5473kHz 2130z 555 137 24 137 52 24 Pozor 92957 etc]RRGB
5474kHz 2130z 23/09[555: 299-45/38=92958]HFD
2138z 28/09[ip] //6894 HFD
6894kHz 2050z 12/09[555 833 40 833 81 40 Pozpr 45139 etc]RRGB
2131z 05/10[555 740 01 42 pp 7081414881... kk 2143z] FS THURS
6945kHz 1740z 18/09[555: 118-97/33=15055, 179-10/31=17595]HFD
7745kHz 2050z 03/09[555-354-##/22= #####]HFD

8175kHz 1520z 30/09 555 was confirmed, in BC & noise //9986kHz SAT
 13405kHz 1855z 20/09[555: 191-07/39=4821#]HFD

Further input from FS, in date order with message shewn:

8175kHz 1520z 07/10 555 158 16 28 pp 30065... kk 1531z FS SAT
 Msg was: 555 158 16 28
 30065 71823 69255 94900 84418 03590 00828 82264 05637 35118
 33602 56324 30518 47137 64623 22276 10293 17227 72221 36386
 29062 71125 77701 31408 11062 57840 65948 75543

5473kHz 2130z 07/10 555 740 01 42 pp 70814... kk2143zFS SAT
 Msg was: 555 740 01 42
 70814 14881 33298 92555 66257 11334 30810 87349 02263 53554
 88234 37243 26916 86616 77948 86265 66736 11808 24571 76597
 93071 88545 71287 05223 23550 23222 03821 33246 44458 19326
 40062 13176 17391 00976 79975 73701 46297 15343 09758 57496
 29045 78086

7745kHz 2050z 08/10 Positive id, but msg uncopiable in noise FS SUN

S10d 6945//10582kHz 1740z 09/10 555 701 19 31 pp 50150.. 453 26 18 pp 96107.. kk 1755z MON
 Msgs were: 555 701 19 31
 50150 25469 93451 31729 29903 08196 79884 57426 89662 68468
 65377 46568 42686 67570 73758 96695 17432 55976 14144 02140
 02518 98744 53697 26755 91884 05358 05354 94797 71377 05102
 78672
 435 26 18
 96107 17354 42457 85113 38928 89748 96232 38282 04738 28039
 47707 45763 70144 76296 96511 51652 16121 27644

2774//3383kHz 2020z 09/10 555 147 85 20 pp 94619... kk 2029z FS MON
 Msg was: 555 147 85 20
 94619 74225 94646 18034 10417 31010 11359 93621 95043 64480
 65404 63224 70213 86826 87924 74838 30727 94439 51664 93846

7745kHz 1820z 11/10 Positive id, but msg uncopiable in noise. FS WED

8174/8175kHz 1520z 21/10 starts tx on 8174kHz, stops after few secs mid-call, reappears on 8175kHz with: 555 584 91 36 pp 41300... FS NL SAT

6945//10582kHz 1740z 23/10 555 802 41 39 pp 51942.. pp 769 76 33 pp 44490.. kk 1759z FS NL MON

2774//3383kHz 2020z 23/10 555 626 22 19 pp 63788.. kk 2029z FS NL MON
 Msg was: 63788 41015 74846 12480 55172 72160 48079 94733 16763
 89916 59272 56715 24336 56590 05783 77047 09750 31714
 45670

7745kHz 1820z 25/10[555 867 91 30 pp 26115.. kk 1830z] FS NL WED

RNGB's logs:

Tues 3rd October 1740 10582// 6945 555 115 64 34 Pozor 44525 36782 etc
 Sat 7th 2130 5473// 6894 555 740 42 740 01 42 Pozor 70814 etc

S11a [3]

4015kHz 2100z 20/09[971/00] HFD & E
 4016kHz 2100z 06/09[971/00] E
 2100z 18/10[971/00] E

7377kHz 0900z 06/09[215/00]Gert & HFD
 0900z 13/09 [214/00] (S0.5) :-- "Dvoyka Adinka Chetyorka Cherta Noi Noi" **Thought to be 215/00**
 The zeros estimated as sounding as above, rather than "nul nul" as in our chart, but this is open to debate. JoA , Mndbs,Izzy,
 RNGB confirms 215/00

7984kHz 1030z 07/09(214/00) [S0, QRN, QRP, poor, only able to read the latter part of the 5 minute transmission]
 Dvoyka - Adinka - Chetyorka - ? - nul nul Not able to identify the word for "Oblique" JoA
 1030z 14/09[215/00]RNGB
 1030z 21/09[215/00]HFD

S11b

7377kHz 0900z 27/09 (QRN-noise) Believed to be: [210/34 77777 77777 + taped msg. being examined] 0912:15z JoA WED

7984kHz 1030z 26/10 [210/32 77777 77777 +msg.] 1042z ~S2 QRN JoA THURS

S17c [9C]

Freqs 5301//8190kHz daily 1250z DoK/FS/HFD/ Plondon/RNGB/mndbs

01/09 53029; 02/09 57031; 03/09 55033; 05/09 69031; 06/09 68032; 07/09 55033; 08/09 65031; 09/09 62031; 10/09 67032; 12/09 59032; 13/09 63029; 15/09 62028; 17/09 71029; 18/09 64030; 19/09 52030; 21/09 63029; 23/09 59028; 24/09 59029; 25/09 52032; 26/09 58034; 27/09 59028; 28/09 52030; 29/09 64029; 30/09: 82027;

For WED 12/10 FS notes: Late start? Callup still ongoing at 1257, but msg lost as signal faded out. – tnx Fred.

01/10 64031; 03/10 61026; 04/10 58032; 05/10 59031; 07/10 64031; 08/10 72032; 09/10 67028; 10/10 56028; 12/10 58034; 13/10 79026; 14/10 54035; 15/10 62030; 16/10 59028; 17/10 50041; 18/10 60035; 19/10 64027; 20/10 68027; 21/10 61033; 22/10 58038; 23/10 64026; 25/10 71048; 26/10 77027; 27/10 61029; 28/10 78026; 29/10 55035;

FREQS FOR NOVEMBER: 5945/9166kHz

S21 [14]

4854kHz 1842z 05/09[454]HFD TUES
4854kHz 1847z 05/10 grps ip, ends 324 33 000 1959z //4454 no trace FS THURS

Before we look at the V02 logs proper here is a very interesting into the reappearance of V02c, it's schedule and further crypto analysis by Mark Slaten whose V02 logs can be seen in the ENIGMA 2000 Newsletters.

V02c Sked and An Opportunity For Some Amateur Cryptanalysis
By Mark Slaten

V2c made an appearance Tuesday, October 17, 2006 at 0900z on 5930m and again for a repeat at 1000z on 5800z. This is the variant with the callup plus group count, and the pause every 10 groups in the message. Time will tell if this is a permanent sked or just a rare showing. The sked was supposed to be M8a in MCW mode, which has been present since the beginning of the month.

First, I will reproduce the copy of the sked for your perusal, and then will point out some cryptanalytic curiosities. Hopefully, one of you with more experience, might be able to add your thoughts to the sked. There were many repeats in the message text, which makes it most interesting.

The addressee "252" has been used in the recent past. From about November 2004 through September 2005, a sked was sent almost daily with the callup being:

A 888 16x2 A 252 166x1 A 888 16x2 (R3). Unfortunately, I did not have the foresight to copy the message text. The message always seemed to be the same for all those months.

Patterns provide the cryptanalyst with clues and possibly breakthroughs into the successful understanding of a cryptogram.

This V2c sked provides many patterns in the form of repeats as you will see.

The following is the sked:

//Sked begins at 0900z //YL/SS //5930m //AM mode

A 252 277x5 (Pause)
A 252 277x5 (Pause)
A 252 277x5 (Pause)

80735 44096 22163 69511 34703⁵ 31575 19544 45065 54137 17367 (Pause)¹⁰
31575 19544 45065 54137 17367¹⁵ 68722 68522 44096 22163 69511 (Pause)²⁰
69511 34703 04149 31575 19544²⁵ 45065 54137 17367 68722 68522 (Pause)³⁰
80735 44096 22163 69511 34703³⁵ 04149 91131 44071 58623 21918 (Pause)⁴⁰
04149 31575 19544 45065 54137⁴⁵ 17367 44096 22163 69511 34703 (Pause)⁵⁰

90007 23619 87726 69712 48785⁵⁵ 28131 09057 96131 20404 54988 (Pause)⁶⁰
80482 01186 80653 07938 02649⁶⁵ 50848 67057 53093 71446 09312 (Pause)⁷⁰
40362 46482 51358 06916 97243⁷⁵ 07948 96349 69571 90182 25509 (Pause)⁸⁰
57979 30523 85400 36477 79571⁸⁵ 80831 18117 65905 78840 98164 (Pause)⁹⁰
20928 63210 49150 27603 62760⁹⁵ 55977 92417 09526 62079 49021 (Pause)¹⁰⁰

87971 30945 87449 53525 54347¹⁰⁵ 05750 02655 46718 13175 50090 (Pause)¹¹⁰
04734 05538 24312 54758 71516¹¹⁵ 64729 52758 70888 00395 49820 (Pause)¹²⁰
00879 21872 15962 28111 07740¹²⁵ 02107 44324 47205 60006 57105 (Pause)¹³⁰
53118 99550 75163 27662 32513¹³⁵ 81964 23855 66202 65324 01703 (Pause)¹⁴⁰
04149 31575 19544 45065 54137¹⁴⁵ 17367 44096 22163 69511 34703 (Pause)¹⁵⁰

90007 23619 87726 69712 48785¹⁵⁵ 28131 09057 96131 20404 54988 (Pause)¹⁶⁰
80482 01186 80653 07938 02649¹⁶⁵ 50848 67057 53093 71446 09312 (Pause)¹⁷⁰
40362 46482 51358 06916 97243¹⁷⁵ 07948 96349 69571 90182 25509 (Pause)¹⁸⁰
57979 30523 85400 36477 79571¹⁸⁵ 80831 18117 65905 78840 98164 (Pause)¹⁹⁰
20928 63210 49150 27603 62760¹⁹⁵ 55977 92417 09526 62079 49021 (Pause)²⁰⁰

87971 30945 87449 53525 54347²⁰⁵ 05750 02655 46718 13175 50090 (Pause)²¹⁰
04734 05538 24312 54758 71516²¹⁵ 64729 52758 70888 00395 49820 (Pause)²²⁰
69511 34703 04149 31575 19544²²⁵ 45065 54137 17367 68722 68522 (Pause)²³⁰
80735 44096 22163 69511 34703²³⁵ 31575 19544 45065 54137 17367 (Pause)²⁴⁰
31575 19544 45065 54137 17367²⁴⁵ 68722 68522 44096 22163 69511 (Pause)²⁵⁰

69511 34703 04149 31575 19544 ²⁵⁵	45065 54137 17367 68722 68522 (Pause) ²⁶⁰
80735 44096 22163 69511 34703 ²⁶⁵	04149 91131 44071 58623 21918 (Pause) ²⁷⁰
31575 19544 45065 54137 17367 ²⁷⁵	68722 68522 (Pause) ²⁷⁷

Finale Finale Finale

//Sked over at 0928z. The sked was also repeated again at 1000z on 5800m

Now, let us examine the many repeats that are in the message text:

80735 44096 22163 69511 34703 ³⁵	
80735 44096 22163 69511 34703 ²⁶⁵	
31575 19544 45065 54137 17367 ²⁷⁵	68722 68522 (Pause) ²⁷⁷
80735 44096 22163 69511 34703 ⁵	31575 19544 45065 54137 17367 (Pause) ¹⁰
31575 19544 45065 54137 17367 ¹⁵	68722 68522
80735 44096 22163 69511 34703 ²³⁵	31575 19544 45065 54137 17367 (Pause) ²⁴⁰
31575 19544 45065 54137 17367 ²⁴⁵	68722 68522
44096 22163 69511 ⁴	
44096 22163 69511 (Pause) ²⁰	
44096 22163 69511 ³⁴	
44096 22163 69511 ⁴⁹	
44096 22163 69511 ²³⁴	
44096 22163 69511 (Pause) ²⁵⁰	
44096 22163 69511 ²⁶⁴	
69511 34703 04149 31575 19544 ²⁵	45065 54137 17367 68722 68522 (Pause) ³⁰
80735 44096 22163 69511 34703 ³⁵	
69511 34703 04149 31575 19544 ²²⁵	45065 54137 17367 68722 68522 (Pause) ²³⁰
80735 44096 22163 69511 34703 ²³⁵	
69511 34703 04149 31575 19544 ²⁵⁵	45065 54137 17367 68722 68522 (Pause) ²⁶⁰
80735 44096 22163 69511 34703 ²⁶⁵	
04149 31575 19544 45065 54137 ⁴⁵	17367 44096 22163 69511 34703 (Pause) ⁵⁰
90007 23619 87726 69712 48785 ⁵⁵	28131 09057 96131 20404 54988 (Pause) ⁶⁰
80482 01186 80653 07938 02649 ⁶⁵	50848 67057 53093 71446 09312 (Pause) ⁷⁰
40362 46482 51358 06916 97243 ⁷⁵	07948 96349 69571 90182 25509 (Pause) ⁸⁰
57979 30523 85400 36477 79571 ⁸⁵	80831 18117 65905 78840 98164 (Pause) ⁹⁰
20928 63210 49150 27603 62760 ⁹⁵	55977 92417 09526 62079 49021 (Pause) ¹⁰⁰
87971 30945 87449 53525 54347 ¹⁰⁵	05750 02655 46718 13175 50090 (Pause) ¹¹⁰
04734 05538 24312 54758 71516 ¹¹⁵	64729 52758 70888 00395 49820 (Pause) ¹²⁰
04149 31575 19544 45065 54137 ¹⁴⁵	17367 44096 22163 69511 34703 (Pause) ¹⁵⁰
90007 23619 87726 69712 48785 ¹⁵⁵	28131 09057 96131 20404 54988 (Pause) ¹⁶⁰
80482 01186 80653 07938 02649 ¹⁶⁵	50848 67057 53093 71446 09312 (Pause) ¹⁷⁰
40362 46482 51358 06916 97243 ¹⁷⁵	07948 96349 69571 90182 25509 (Pause) ¹⁸⁰
57979 30523 85400 36477 79571 ¹⁸⁵	80831 18117 65905 78840 98164 (Pause) ¹⁹⁰
20928 63210 49150 27603 62760 ¹⁹⁵	55977 92417 09526 62079 49021 (Pause) ²⁰⁰
87971 30945 87449 53525 54347 ²⁰⁵	05750 02655 46718 13175 50090 (Pause) ²¹⁰
04734 05538 24312 54758 71516 ²¹⁵	64729 52758 70888 00395 49820 (Pause) ²²⁰

I will not spend anymore time in gleaning more repeats. I just want to show you what you can do, and where it can possibly lead with "numbers" traffic. This is by no means limited just to the Cuban stations, but can probably be applied to many other "numbers" families.

If you study the message in more detail, you will see that there are some more repeat patterns. Notice in particular, the 80 group set that is repeated. Also, that the two large sets are exactly 100 groups apart, ⁴¹⁻¹²⁰ and ¹⁴¹⁻²²⁰. This phenomenon can also be observed in some of the other repeats, but not necessarily 100 group separations. A 200 group separation is present.

I thought this would be interesting for you readers, amateur cryptanalysts, and general curiosity seekers of the clandestine world of "numbers stations".

If anyone has any other interesting observations that the group may be interested in, please let us know.

We may not ever actually break on of these messages if the originators are use the "one-time pad" scheme, but it is satisfying to be able to get a clue and put it together with other clues to build up a picture of your favorite "numbers station".

If this interests you, you can get much more information on cryptological processes with some of the many books in print from "Aegean Park Press". Go to their website to see all the books available.

Have fun with it!

73's
Mark
[Thanks Mark]

Onto the logs:

V02a [18] [Updated V02a Charts at the end of this Newsletter – covering the period of these logs – tnx Mark and contributors.](#)

SEPTEMBER

3292kHz 0200z	05/09[A 11181 87372 21092 (YL/SS. Repeat of 0100z on 3389m)]	TUES
3389kHz 0100z	05/09[A 11181 87372 21092 (YL/SS)]	TUES
4028kHz 0500z	08/09[A 92533 48422 22723 (YL/SS. Repeat of 0400z on 4479m)]	FRI
4479kHz 0400z	08/09[A 92533 48422 22723 (YL/SS)]	FRI
4507kHz 1100z	02/09[A 92731 38061 89362 (YL/SS)]	SAT
1100z	16/09[(Already in progress. Missed callups)]	SAT
5762kHz 0400z	02/09[(Completely blocked by another voice station on freq. YL/SS)]	SAT
5800kHz 0300z	11/09[A 01473 94431 75302 (YL/SS)]	MON
6768kHz 0100z	02/09[A 79132 64031 70583 (YL/SS)]	SAT
0400z	11/09[YL/SS. Already in progress. Early start for station]]	
6855kHz 2100z	02/09[A 61523 20053 60673 (YL/SS)]	SAT
2100z	04/09[A 12352 15192 86422 (YL/SS)]	MON
2100z	05/09[A 12353 15193 86423 (YL/SS. Repeat of 2000z on 7887m)]	TUES
2100z	06/09[A 45001 42361 30571 (YL/SS. Repeat of 2000z on 7887m)]	WED
2100z	07/09[A 16403 74248 10407 (YL/SS. This is a new female voice, never heard before. Expected repeat of 2000z on 7887m.)] Note: The V2a at 2100z 07/09 on 6855m used a totally new female voice and a completely different callup and messages were broadcast. This should have been the repeat sked for 2000z on 7887m, but the Cubans had other plans today! Also, note the second and third callups ending in "8" and "7". Seems to indicate these messages have been used somewhere before.	THURS
2100z	08/09[A ----- 42363 30573 (YL/SS. Not same voice as yesterday's sked. Repeat of 2000z on 7887m)]	FRI
2100z	09/09[A 89501 53661 20861 (YL/SS. Repeat of 2000z on 7887m)]	SAT
2100z	11/09[A 89503 53663 20863 (YL/SS Repeat of 2000z on 7887m)]	MON
2100z	12/09[YL/SS. Late start. No callups copied]	TUES
7862kHz 0800z	02/09[A 72681 93062 15832 (YL/SS. False start at 0758z.)]	SAT
0800z	12/09[A 60941 24453 51923 (YL/SS)]	TUES
0800z	16/09[A 49984 71974 57254 (YL/SS)]	SAT
7887kHz 2000z	05/09[A 12353 15193 86423 (YL/SS)]	TUES
2000z	06/09[A 45001 42361 30571 (YL/SS)]	WED
2000z	07/09[A 45002 42362 30572 (YL/SS)]	THURS
2000z	08/09[A 45003 42363 30573 (YL/SS)]	FRI
2000z	09/09[A 89501 53661 20861 (YL/SS)]	SAT
2000z	11/09[A 89503 53663 20863 (YL/SS. An M8a b'cast in background on this freq. Too weak.)]	MON
2000z	12/09[A ----- 87511 ----- (YL/SS. Already in progress)]	TUES
7975kHz 1600z	04/09[A 04292 50982 63132 (YL/SS)]	MON
1600z	05/09[A 04293 50983 63133 (YL/SS)]	TUES
1600z	06/09[A 54921 09251 48181 (YL/SS)]	WED
1600z	07/09[A 54922 09252 48182 (YL/SS)]	THURS
1600z	08/09[A ----- 09253 ----- (YL/SS. Already in progress.)]	FRI
1600z	09/09[A 11741 51231 00851 (YL/SS)]	SAT
1600z	10/09[A 11742 51232 00852 (YL/SS)]	SUN
1600z	11/09[A 11743 51233 00853 (YL/SS)]	MON
1600z	16/09[A 41302 04112 56242 (YL/SS)]	SAT
8010kHz 0800z	01/09[A 34653 93061 15831 (YL/SS)]	
1700z	06/09[A 54921 09251 48181 (YL/SS. Repeat of 1600z on 7975m)]	WED
1700z	07/09[A 54922 09252 48182 (YL/SS. Repeat of 1600z on 7975m)]	THURS
1700z	08/09[Carrier present, audio nil heard by 1710z]]	FRI
1700z	09/09[(Carrier up, but no audio by 1706z)]	SAT
1700z	10/09[A 11742 51232 00852 (YL/SS. Repeat of 1600z on 7975m)]	SUN
1700z	11/09[A 11743 51233 00853 (YL/SS. Repeat of 1600z on 7975m)]	MON
0800z	18/09[A 33072 78222 89422 (YL/SS)]	
1700z	16/09[A ----- 04112 56242 (YL/SS. In progress. Repeat of 1600z on 7975m)]	SAT
9040kHz 0900z	01/09[Lousy transmission seems to be the norm this station. Carrier overpowers the audio. No copy. YL/SS]]	
0900z	02/09[A 72681 61922 44442 (YL/SS. One day signal is QSA 5 and another day QSA 1. Go figure)]	
0900z	03/09[Carrier w/voice came up at 0903z. Voice just too weak for copy. Yesterday it was fine. Very ncons	
0900z	04/09[A 72683 87161 90201 (YL/SS)]	MON
8136kHz 0900z	10/09[(YL/SS. Already in progress. Missed callups.)]	SUN
8173kHz 1000z	10/09[(Carrier up, no audio heard by 1010z.)]	SUN
9040kHz 0900z	06/09[A 08262 87163 90203 (YL/SS)]	WED

0900z	08/09[(Carrier present, audio nil heard by 0916z)]	FRI	
0900z	09/09[A 04142 57903 03393 (YL/SS)]	SAT	
0900z	10/09[A 04143 32301 20901 (YL/SS. This sked was broadcasting from about 9015m to 9125m. Could be heard throughout the whole spread.)]		
0900z	11/09[A 91871 32302 20902 (YL/SS)]	MON	
0900z	12/09[A 60941 32303 20903 (YL/SS)]	TUES	
0900z	16/09[A 49984 30974 13384 (YL/SS)]	SAT	
9240kHz 1000z	06/09[A ----- 87163 90203 (YL/SS. Repeat of 0900z on 9040m. Late start.)]	WED	
1000z	09/09[A 04142 57903 03393 (YL/SS. Repeat of 0900z on 9040m)]	SAT	
1000z	10/09[A 04143 32301 20901 (YL/SS. Repeat of 0900z on 9040m. This broadcast was normal.)]		SUN
10446kHz 0500z	11/09[A 33883 25322 08673 (YL/SS)]	MON	
11566kHz 0300z	08/09[A 20461 65043 03231 (YL/SS)]	FRI	
12165kHz 0200z	11/09[A 80531 ----- (YL/SS. Already in progress)]	MON	
4035kHz1000z07/10	[A 04223 23922 56852 (YL/SS)]SAT		
4507kHz1100z07/10	[A 04223 23922 56852 (YL/SS. Repeat of 1000z on 4035m)]SAT		
5762kHz0200z07/10	[A 10561 57462 69012 (YL/SS.Repeat of 0100z on 6768m)] SAT		
6768kHz 0100z07/10	[A 10561 57462 69012 (YL/SS)]SAT		
<u>OCTOBER</u>			
4035kHz 1000z	21/10[A ----- 05321 56853 (YL/SS. In progress)]	SAT	
5883kHz 0500z	21/10[A 25451 40553 39571 (YL/SS)]	SAT	
6855kHz 2100z	01/10[A ----- 26461 37451 (YL/SS Repeat of 2000z on 7887m.Late up, at 2105z already in traffic.)]		SUN
2100z	02/10[A 49652 26462 37452 (YL/SS. Repeat of 2000z on 7887m)]	MON	
2100z	03/10[A 49653 26463 37453 (YL/SS)]	TUE	
2100z	04/10[A 50351 43921 53421 (YL/SS. Repeat of 2000z on 7887m)]	WED	
2100z	07/10[A 31071 55361 20621 (YL/SS. Repeat of 2000z on 7887m)]	SAT	
2100z	09/10[A 31073 55363 20623 (YL/SS)]MON		
2100z	08/10[A ----- 55362 20622 (YL/SS.Repeat of 2000z on 7887m. Late sked, carrier up 2101z, audio at 2104z)]		SUN
2100z	12/10 [A 26892 06202 95862 (YL/SS. Repeat of 2000z on 7887m. Late, false start at 2103z)]		THURS
2100z	13/10[A 26893 06203 95863 (YL/SS.Repeat of 2000z on 7887m)]	FRI	
2100z	14/10[A 49481 95971 47301 (YL/SS.Repeat of 2000z on 7887m)]	SAT	
2100z	15/10[A 49482 95972 47302 (YL/SS. Repeat of 2000z on 7887m)]	SUN	
2100z	16/10[A 49483 95973 47303 (YL/SS.Repeat of 2000z on 7887m)]	MON	
2100z	21/10[A 32382 84052 65352 (YL/SS,Repeat of 2000z on 7887m. M8a mixed with this station.)]		SAT
2100z	22/10[A 32383 84053 65353 (YL/SS. Repeat of 2000z on 7887m)]	SUN	
2100z	23/10[A 86351 23761 99761 (YL/SS)]	MON	
2100z	24/10[A 86352 23761 99762 (YL/SS)]	TUES	
7555kHz 0800z	09/10[A 30391 76982 32332 (YL/SS. Repeat of 0700z on 8136m)]	MON	
0800z	11/10[A 30393 76984 32334 (YL/SS.Repeat of 0700z on 8136m)]	WED	
0800z	16/10[(Late sked, no calls, in progress. Should be repeat of 0700z on 8136m)]	MON	
0800z	18/10[A 39322 27031 00561]	WED	
0800z	20/10[A 99341 27033 00563 (YL/SS. Repeat of 0700z on 8136m)]	FRI	
0800z	23/10[A 26563 23683 18693 (YL/SS. M8a mixed in background.)]	MON	
7580kHz 0800z	05/10[A 38683 54051 24241 (YL/SS.Should be repeat of 0700z on 8186m)]		
0800z	07/10[A 96062 54053 24243 (YL/SS. Repeat of 0700z on 8186m)]	SAT	
0800z	12/10[A 30394 18401 76131 (YL/SS.Repeat of 0700z on 8186m)]	THURS	
0800z	17/10[A 39321 57303 31363 (YL/SS.Repeat of 0700z on 8186m)]	TUE	
0800z	19/10[A 39323 27032 00562 (YL/SS. Repeat of 0700z on 8186m)]	THURS	
0800z	24/10[A 40571 43321 88181 (YL/SS.Repeat of 0700z on 8186m)]	TUES	
7681kHz 0800z	15/10[A 31192 57301 31361 (YL/SS.Repeat of 0700z on 8097m)]	SUN	
0800z	22/10[A 26562 23682 18692 (YL/SS.Repeat of 0700z on 8097m)]	SUN	
7887kHz 2000z	01/10[A 49651 26461 37451 (YL/SS)]	SUN	
2000z	02/10[A 49652 26462 37452 (YL/SS)]	MON	
2000z	03/10[(Late start at 2004z. Began with Spanish radio brdcast. Abruptly stopped, and YL/SS on in midst of message.)]		TUES
2000z	04/10[A 50351 43921 53421 (YL/SS)]	WED	
2000z	05/10[A ----- 43922 53422 (YL/SS. In progress)	THURS	
2000z	07/10[A 31071 55361 20621 (YL/SS)]	SAT	
2000z	08/10[A 31072 55362 20622 (YL/SS)]	SUN	
2000z	09/10[A ----- (Late at 2004z. New YL/SS in tfc. Stops after about 5 groups and old YL/SS continues w/different msg.)]		MON
2000z	11/10[A 84062 82244 80857 (NEW YL/SS.)]	WED	
2000z	12/10[A 26892 06202 95862]	THURS	
2000z	13/10[A 26893 06203 95863 (YL/SS)]	FRI	
2000z	14/10[A 49481 95971 47301 (YL/SS)]	SAT	

2000z	15/10[A 49482 95972 47302 (YL/SS)]	SUN	
2000z	16/10[A 49483 95973 47303 (YL/SS)]	MON	
2000z	19/10[(Strong carrier present, but no audio by 2015z. Very weak M8a signal mixed with carrier.)]		THURS
2000z	20/10[A 32381 84051 65351 (YL/SS)]	FRI	
2000z	21/10[A 32382 84052 65352 (YL/SS)]	SAT	
2000z	22/10[A 32383 84053 65353 (YL/SS)]	SUN	
7975kHz	1600z	01/10[A 53541 98851 59761 (YL/SS)]	SUN
	1600z	14/10[A 65411 07051 66241 (YL/SS)]	SAT
	1600z	15/10[A 65412 07052 66242 (YL/SS)]	SUN
	1600z	22/10[A 35983 64933 71653 (YL/SS)]	SUN
8010kHz	1700z	01/10[A 53541 98851 59761 (YL/SS.Repeat of 1600z on 7975m)]	SUN
	1700z	14/10[A 65411 07051 66241 (YL/SS.Repeat of 1600z on 7975m)]	SAT
	1700z	15/10[A 65412 07052 66242 (YL/SS.Repeat of 1600z on 7975m)]	SUN
	1700z	22/10[A 35983 64933 71653 (YL/SS.Repeat of 1600z on 7975m)]	SUN
8097kHz	0700z	15/10[A 31192 57301 31361 (YL/SS)]	SUN
	0700z	22/10[A 26562 23682 18692 (YL/SS)]	SUN
8136kHz	0700z	09/10[A 30391 76982 32332 (YL/SS)]	MON
	0700z	11/10[A 30393 76984 32334 (YL/SS)]	WED
	0700z	16/10[A 31193 57302 31362 (YL/SS)]	MON
	0700z	18/10[A 39322 27031 00561 (YL/SS)]	WED
	0700z	19/10[A 39323 27032 00562 (YL/SS)]	THURS
	0700z	20/10(Late start at 0707z. No callups)	FRI
	0700z	23/10[Late sked, no callups copied]	MON
8186kHz	0700z	12/10[A 30394 18401 76131 (YL/SS)]	THURS
	0700z	13/10A 18241 18402 76132 (YL/SS)	FRI
	0700z	24/10[A 40571 43321 88181 (YL/SS)]	TUES
9040kHz	0900z	07/10[A 96062 83093 03863 (YL/SS)]	SAT
	0900z	08/10[A 96063 85841 87891 (YL/SS)]	SUN
	0900z	09/10[A 30391 85842 87892 (YL/SS)]	MON
	0900z	15/10[A 31192 72901 67331 (YL/SS)]	SUN
	0900z	22/10[A 26562 28402 03572 (YL/SS)]	SUN
9240kHz	1000z	07/10[A 96062 83093 03863 (YL/SS.Repeat of 0900z on 9040m)]	SAT
	1000z	08/10[(Late start for sked. Carrier up at 1005z and YL/SS in mid-message at 1007z)]	SUN
	1004z	14/10[A ----- 51483 02733 (YL/SS. Came up late at 1004z and replaced an incorrect M8a sked.)]	SAT
	1000z	15/10[A 31192 72901 67331 (YL/SS. Repeat of 0900z on 9040m)	SUN
	1000z	21/10[A 26561 28401 03571 (YL/SS)]	SAT
	1000z	22/10[A 26562 28402 03572 (YL/SS.Repeat of 0900z on 9040m)]	SUN

Note: The Cuban Ops really had a hard time of it starting the skeds on time today 08/10. Must have been sampling the Cuban rum last night! Note: The new YL/SS began late in mid-message at 2000z 09/10 After about 5 groups, the voice was immediately replaced by the old YL/SS who continued on with a message. Do not know if this was the same message as the other YL/SS or not. No callups were sent to start the sked.

Note: At 2000z and 2100z 11/10 the NEW YL/SS voice was on. Message format seems the same as OLD YL/SS.

The following is copy of the new YL/SS on V2a that is graced us with her loud and clear voice. I find her easier to understand than the older YL/SS.

//Sked begins at 2000z on 7887m on October 11, 2006 .

A 84062 82244 80857 (R3)

84062 x 5

54420 16494 21150 26936 13229 04836 01445 35196 66917 64077
66610 29630 67782 95130 73213 11541 94424 68976 33552 15320
43845 28075 26466 04466 26400 21175 52445 08300 80907 58142
73539 16657 14029 70238 74226 03765 92749 56685 42252 41642
42611 22722 26763 76747 93807 98546 41948 59605 44995 22360

41357 55135 27112 49549 71160 70006 11519 35276 16088 94232
50003 34301 39468 72265 62146 79686 48512 65823 13781 34317
44105 10967 60365 90914 40381 40392 95422 25708 43193 66649
50528 26105 39606 20294 60178 83358 74710 99434 32976 74451
16014 26018 45648 24273 37787 88261 76394 36936 36485 69466

44997 41140 64727 78008 84864 96795 94288 52892 33082 71410
17837 70859 86862 45819 70990 94353 84909 90950 16507 44256
96497 96234 23554 80037 98483 01180 35459 76763 07097 07070
23587 85759 55644 30953 26987 14364 75812 50157 42436 43315
80267 14712 89049 26669 84991 86915 85622 90953 54420 16494 //2015z

82244 x 5

04576 43327 _____
etc. etc. etc.

04576 43327 //2028z

80857 x 5

53755 63011
etc. etc. etc.

53755 63011 //2040z

Finale Finale Finale

//End of sked. Sked was also repeated at 2100z on 6855m

I only copied the first message, as I was taking it down live and by hand.
It appears that the encryption scheme has not changed. The first two groups are still being repeated at the end of the message.
To me this new voice is a lot louder and clearer than the old voice.

Westt1us says that he has heard this voice in the 0200z - 0400z time frame. Not sure if the Cubans are getting ready to change voice over all their skeds or not.

Westt1us and I have also noted, that M8a is beginning to use a different variant of sked. It appears to be a lot faster than the normal M8a. The numeral "0" is being used in the callup ending. Westt1us says that he did not hear the numeral "9" used. He also did not think that the first two groups were repeated at the end of message. I can't confirm these last two items. The signal is very weak up north in Michigan. Maybe I can get Westt1us to do an MP3 of this new M8 through the callups and at least one message. I can then transcribe it and see what the format is. I heard the new M08a today (Wednesday 11/10) on 6932m at 2100z.

V02c

5930kHz 0900z	17/10[A 252 277x5 (Pause) (R3) (V2c is back after a several month hiatus! Expected MCW M8a sked.)]	TUES
1000z	18/10[A 252 277x5 (R3) (V2c making another appearance here. Same message as 10/17/06)]	WED

PoS's Spanish Lady report from Great Britain:

The V02a transmissions heard in the UK morning dropped to a much lower level of activity in the third week of August and so far, in mid October, there has been no sign of a recovery. In fact the only signs of the Senorita from Havana in recent weeks have been the Sunday 0700 and 0800 UTC sendings, both of which changed from the frequencies used in the summer months to slightly lower ones in October, and the Thursday transmission starting at 0500 UTC on 8,097 KHz which ends sometime after 0545 UTC. This drop in V02a activity in the late summer has been observed in past years and no doubt things will pick up before long. It has been suggested in the past that the lack of V02a at this time of the year was connected with the onset of the hurricane season in that part of the world but there have not been any reports of winds strong enough to cause severe damage to radio transmission facilities this year. On the plus side some of the V02a sendings in the UK late evening are starting to become audible, just - so the transmitter aerials must still be standing - as the hours of darkness increase and we head downhill towards winter. These were logged with some regularity during the winter months but were not heard at all in the summer.

3-Sept-06, Sunday:- 0700 UTC, 9,063 KHz, plain carrier only when checked just after the hour, call-up in progress when monitored again 0703z, "Atencion, 72682 93063 15833", very weak signal, hollow echo effect on the voice.
0801 UTC, 7,975 KHz, a late start, "Atencion, 72682 93063 15833", as heard earlier, much stronger signal, S7 with deep QSB.
7-Sept-06, Thursday:- 0542 UTC, 8,097 KHz, last few minutes of the 0500z transmission, signal strength S7, ended after 0551 UTC with 3 x "Finale", did not start up again on the hour as always used to be the case, not even a carrier.
8-Sept-06, Friday:- no sign of the 0600z transmission on 8,010 KHz
9-Sept-06, Saturday:- no sign of transmissions at 0600 UTC, 8,097 KHz or 0700 UTC, 9,153 KHz.
10-Sept-06, Sunday:- 0700 UTC, 9,063 KHz - started a few seconds before the hour which is unusual - Atencion, 04143 24451 51921, strength S5 with utility QRM.
0800 UTC, 7,975 KHz, "Atencion, 04143 24451 51921" as earlier. Started exactly on the hour, peaking S9, good audio, no QRM; about as good as a V02a gets on this side of Atlantic!
11-Sept-06, Monday:- 0600 UTC, 9,331 KHz - this is one of the transmissions which has been absent for a while but did show up this morning. Plain carrier only when monitored from 0600 to 0604 UTC, voice was on when checked again 0612.
13-Sept-06, Wednesday:- no sign of the 0600 UTC transmission on 8,010 KHz, no carrier.
14-Sept-06, Thursday:- no sign of activity on 8,097 KHz when checked around 0540 UTC - was heard last Thursday - and not heard at 0600 UTC.
15-Sept-06, Friday:- nothing heard after 0600 UTC on 8,010 KHz.
16-Sept-06, Saturday:- no sign of 0600 UTC, 8,097 KHz or 0700 UTC 9,153 KHz sendings.
17-Sept-06, Sunday:- 0701 UTC, 9,063 KHz, "Atencion, 33071 78221 89421", weak signal with utility QRM.
0801 UTC, 7,975 KHz, "Atencion, 33071 78221 89421", as earlier, much stronger signal, S9 with QSB.
18-Sept-06, Monday:- no sign of V02a at 0600 UTC on 9,331 KHz, was heard last Monday.
24-Sept-06, Sunday:- 0711 UTC, 9,063 KHz, transmission in progress, weak signal, S4 at best, at 0718z paused and repeated "64342" before continuing with next 5F message.
0800 UTC, - and 35 seconds - 7,975 KHz, "Atencion, 74574 64342 791022, weak signal, unusually for this schedule, difficult copy. None of the Wednesday, Thursday, Friday or Saturday UK morning transmissions appeared during the past week.
2105 UTC, 6,855 KHz - well here's something completely different! V02a in the late evening, UK time. Not heard one of these since the springtime despite much monitoring of known frequencies. Very weak signal, appeared to be finishing call-up routine so must have been a late start, sounded like "20233" (?) being repeated before going into 5Fs.
28-Sept-06, Thursday:- 0539 UTC, 8,097 KHz, the only week-day V02 heard in the last week of September, transmission in progress, strength S5 at best, did not start up again at 0600z, no carrier.

1-Oct-06, Sunday:- oh dear, no sign of the Sunday morning transmissions which have never failed to appear over the past few months - until now, i.e 0700z, 9,063 KHz and 0800z, 7,975 KHz; but in each case V02a was discovered to have moved to a lower frequency, must be a seasonal change;-
0704 UTC, 8,097 KHz, transmission in progress, weak signal with a distinct "echo" effect. Was much stronger when checked again 0727z, peaking S9 but had become weaker again by 0740z.
Ended with 3 x "Finale" just after 0745z.
0809 UTC, 7,681 KHz, transmission in progress, very weak signal, must be a replacement for 7,975, not all that much lower in frequency.

5-Oct-06, Thursday;- 0540 UTC, 8,097 KHz, the 0500 UTC start-up in progress, weak but reasonably clear, ended with 3 x "Finale" 0548 and 20 seconds UTC, no start-up at 0600.
 2000 UTC, 7,887 KHz, very weak signal, only just detectable.
 8-Oct-06, Sunday;- 0700 UTC, 8,097 KHz, the transmission noted last Sunday, must have started early, call-up under way when tuned in just before the hour. "Atencion, 96063 76981 32331". Wide variations in signal strength, S9 at the start, much weaker by 0725z, stronger again 0734z. Must have ended early too, checked again just before 0744z expecting to hear the the last minute but it had gone, carrier and all.
 No sign of the 0800 UTC sending on 7,681 KHz heard last Sunday, not even a plain carrier. There was a weak carrier on frequency when checked at 0750z but it had vanished when monitored again at 0758z.
 12-Oct-06, Thursday;- 0535 UTC, 8,097 KHz, transmission in progress, still the only weekday sending showing up these days. Did not start up again on the hour, no carrier.
 15-Oct-06, Sunday;- 0700 UTC, 8,097 KHz, starting up with "Atencion, 31192 57301 31361". Signal strength peaking S9 at times fading down to a much weaker signal at times. Ended with 3 x "Finale" 0745 and 30 seconds UTC.
 0800 UTC, 7,681 KHz, this one not heard last Sunday but strength S7 with deep QSB this morning. "31192 57301 31361", as earlier.
 16-Oct-06, Monday;- 2013 UTC, 9.13 PM in the UK, 7,887 KHz, transmission in progress, weak but clear, best reception of a UK evening V02a so far this autumn.
 19-Oct-06, Thursday;- 0541 UTC, 8,097 KHz, signal strength peaking S7 with QSB to much lower level. Was still going at 0548z when I gave up on it. Not active after 0600z.
 22-Oct-06, Sunday;- 0700 UTC, or rather, 30 seconds or so before, 8,097 KHz, "Atencion, 26562 23682 18692", started early, very weak signal at first, became stronger a few minutes into the transmission, S9 with QSB by 0710z. Ended early, just after 0741z, with 3 x "Finale".
 0759 and 30 seconds - another early start - 7,681 KHz, "Atencion, 26562 23682 18692", as earlier, good signal peaking S9.
 [Txn PoSW]

V07 [1B]

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

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

13381kHz 0600z21/09 [372 372 372 000] AlphaVax & HFD	THURS
14781kHz 0620z 14/09[372 000] E	THURS
0620z 21/09[372 372 372 000] AlphaVax & HFD	THURS
0620z 28/09[372 000]E	THURS
14521kHz 0600z 10/10 [584 000] PLondon	TUES
0600z 24/10 [584 000] FS NL	TUES
0600z 26/10 [584 000] FS NL	THURS
15821kHz 0620z 10/10 [584 000] PLondon	TUES
0620z 12/10 [584 000] FS	THURS
0620z 24/10 [584 000]FS NL	TUES
0620z 26/10 [584 000] FS NL	THURS

Unconfirmed: [Sun 01.10.2006 0620z 14781 372:0 – being checked](#)

14521kHz 0600z 26/10 584 000 FS NL THU
 15821kHz 0620z 26/10 584 000 FS NL THU

V13 [O]

Our coverage of V13 relies very much on observers from the US. Unlike us they can intercept the Mandarin transmissions.

Albino Dragon has kindly sent a most informative piece in about this station and his experience [Txn Albino Dragon]:

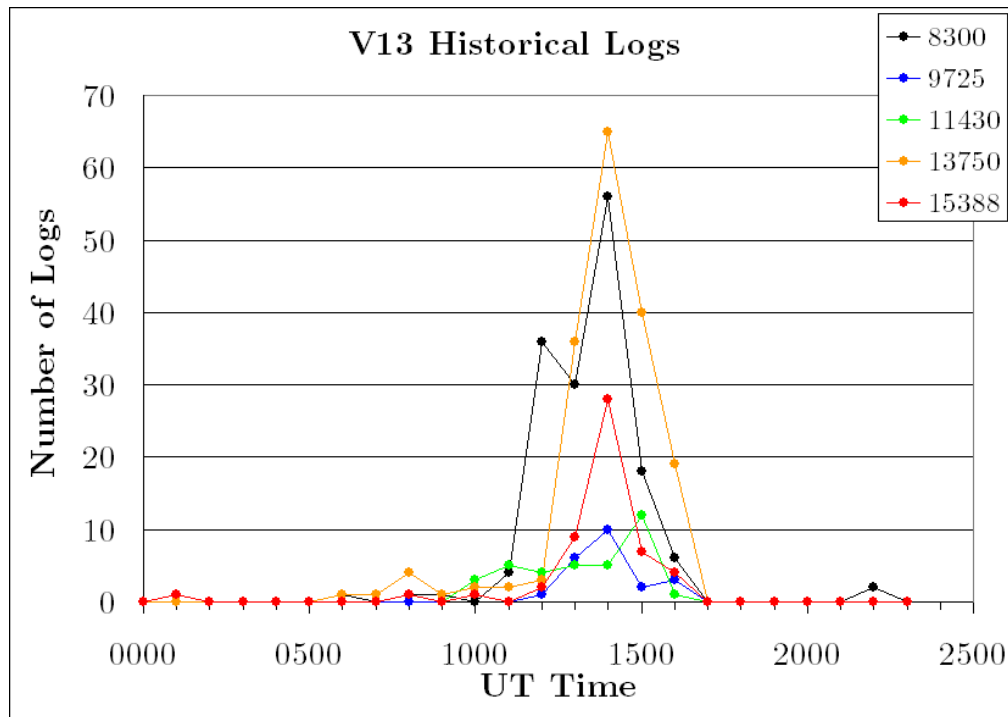
As I'm sure many of you have seen, mixed in with my Cuban logs have been the periodic logs of V13. I'd be willing to bet some of these were the "two unsubstantiated reports" mentioned a recent newsletter. Due to the hours I keep for work (I'm an astronomer), I have not been able to listen for V13 the past few months. With the changing of the seasons, I'm going to be able to start listening for it in the mornings, including my frequently logged 1200 UT slot (SAM local time here in Arizona).

To second the comments that have been in the past few newsletters re. V13, I'd like to poke others, particularly in the western United States, Hawaii, Australia or even Asia to start giving a listen for this station yet again. Personally, I have a far from ideal setup (an old Sangean ATS 818 picked up at a pawn shop and an un-optimized longwire) and am able to pick up V13 without much difficulty. It's not crystal clear by any means (blame solar minimum?), but between the interval signal with the flutes and the very enthusiastic initial message, it's hard to mistake.

I usually make attempts to pick up V13 starting around 1000 UT and can report that I picked up nothing at 1000 and 1100 respectively earlier this spring when I was actively listening for it. There are no noticeable carriers up at these times, so I suspect they may just not be talking.

The very first broadcast I hear is at 1200, and back in February and March when my work had me up till ~1330, I'd hear it at 1300 as well.

I'd be curious to see if there are any later broadcasts and if they can be heard on other frequencies. Poking through the logs on the spynumbers.com database as well as a search of the E2k list reveals some potentially useful info for would-be hunters. First, over the past decade of logs reported there, I generally see start times of 1200, 1300, 1400, 1500 and 1600UT. There are some that appear to start on the half-hour, and I have thrown them into the hour bin for easier plotting. In my attempts this fall, I'll start checking on the half hour as well.



From the search I did, I get the following frequencies for which V13 has been logged. The date range of the logs for those frequencies is listed in parentheses, as well as the number of times it was logged there (a total of 445 reports).

8300 (1995 January 21 to 2006 June 23 - 155 logs)

The majority of these logs occur between 1200 and 1500UT with a scattering as early as 0800UT and as late as 1600UT. There are a few other, one off random logs at other times.

9275 (2002 July 28 & 29 - 2x.)

This may be a typo and actually be 9725 or maybe a special pair of broadcasts. This frequency is not in the plot.

9725 (1998 February 1 to 2002 October 26 - 23x)

The majority of these were at 1400UT with a reasonable number of others at 1300UT. Random logs appear at other times between 1000 and 1600UT.

11430 (1997 October 30 to 2001 Jul 26 - 36x)

A large number of the logs here were at 1500UT with random logs between 1000 and 1600UT.

13570 (2001 May 10 - 1x)

13650 (2001 August 21 - 1x)

It's hard to make any determination about these two considering they were only logged once each. Both may be a typo when being logged (13570 vs. 13750 and 13650 vs. 13750... I've done this myself). These two frequencies are not plotted.

13750 (1997 December 17 to 2002 February 28 - 174x)

The vast majority of these are between 1300 and 1600UT with a handful between 0600 and 1200.

15388 (1997 December 23 to 2002 August 14 - 53x)

Most of these were 1300 to 1600UT with the most at 1400UT. Random logs at 0800, 1000 and 1200UT with one log at 0100 which may be a typo into the database (I'm also guilty of this).

As mentioned above, my guess is that 9275, 13570 and 13650 may not be regular frequencies though anyone with the time or even an automated way of monitoring may find checking these fruitful.

For my personal experience with V13, I have only had luck with 8300. I noticed reviewing a recording I made of a noisy broadcast that there was no carrier up until the moment that the transmission started. From this, it may be safe to assume that you probably won't hear a carrier prior to the transmission starting. 9725 has a very strong case of QRM on it all the time from a broadcast station presumably in Mexico (in Spanish), so there is no chance of getting it from my QTH. Only once or twice have I checked the other frequencies when V13 was on 8300 and I heard absolutely nothing... no carrier, not a sound. This doesn't really mean anything as it is not long before dawn here and the propagation at those frequencies is probably lousy at that hour.

Take this last tidbit with a grain of salt.

As a final note, for some reason, a search of the group site has not revealed my own V13 logs. I have no clue what other, older logs might be lurking in the group archives that are hiding from a search.

At any rate, this is just a little research and data analysis as well as a bit of what I've heard myself. I hope that this inspires others to give a listen. Unless I happen to pick up some Mandarin, about all I can contribute as far as V13 goes is continued logging as my schedule and conditions allow.

That said, if anyone wants a unique station to start listening to, by all means go for it. I hope this analysis helps.

If you do start, send logs to the list and myself as well at esquerdo@psi.edu. If you try and get a negative report, send those along to me as well. Mark Slaten has done a wonderful job "adopting" the Cuban stations (to which I contribute to as best I can) and I'd personally like to adopt V13 and become it's champion for the group.

Hopefully, we can get people who aren't regular loggers because they can't get the European stations from their QTH but are probably in great position to get V13 on a regular basis.

Happy hunting!

[Thanks Albino Dragon]

Some logs:

AlbinoDragon reported:

Date:2006-09-28, UTC:1200-, Freq:8300, V13, Pretty noisy. THURS

Date:2006-09-29, UTC:1200-, Freq:8300, V13, Extremely noisy. Only able to make out pieces of the I.S. FRI

Date:2006-10-04, UTC:1200-, Freq:8300, V13, I.S. and call started two minutes early. Ran again at top of hour. Weak under local noise. WED

Date:2006-10-04, UTC:1300-, Freq:8300, V13, Very weak under heavy local noise but with bits quite clear. WED

AlbinoDragon's later logs shew some mode change [as XPA]!

8300kHz	1300z	27/10 AM Weak and noisy.	FRI
	1200z	31/10 USB Quite clear. Definite USB and not AM. Unusual.	TUE
	1300z	31/10 USB Not as clear as last hour, but better than usual. Still USB list last hour.	TUE

V24 Nil reports this time.

POLYTONES

XPA Daily Log September/October 2006

September 06

XPA [MFSK-20 Russian Intelligence Multitone System]

XPA [MFSK-20 Russian Intelligence Multitone System]

1. 0600z:9356kHz 2. 0620z: 10956kHz 3. 0640z: 12156kHz
ID 391

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

	ID/Msg.format/SN/GC/DK/Last Grp		ID/Msg.format/SN/GC/DK/Last Grp
01Fri	391 1 00578 00197 33345 77070 [see notes]		197 1 00865 00027 96137 73704 [see notes]
05Tue	391 1 00892 00183 02452 44605 [see notes]		197 000 02215 00001 00000 10140 [see notes]
08 Fri	391 1 00892 00183 02452 44605 [see notes]		197 000 03184 00001 00000 10140 [see notes]
12 Tue	391 000 04975 00001 00000 10140 [see notes]		197 000 03587 00001 00000 10140 [see notes]
15 Fri	391 1 00965 00097 01201 72671 [see notes]		197 1 00876 00115 33986 23043 [see notes]
19 Tue	391 1 00754 00161 51976 76330 [see notes]		197 1 00876 00115 33986 23043 [see notes]
22* Fri	391 1 04528 00175 31424 66763 [see notes]		197 1 00714 00105 17955 73405 [see notes]
26Tue	391 2 00331 00059 03165 51052 00000 00000 04528 00175 31424 66763 [see notes]		197 000 04556 00001 00000 10140
29Fri	391 1 00926 00217 94002 51301 [see notes]		197 000 00215 00001 00000 10140

September Morning Schedule

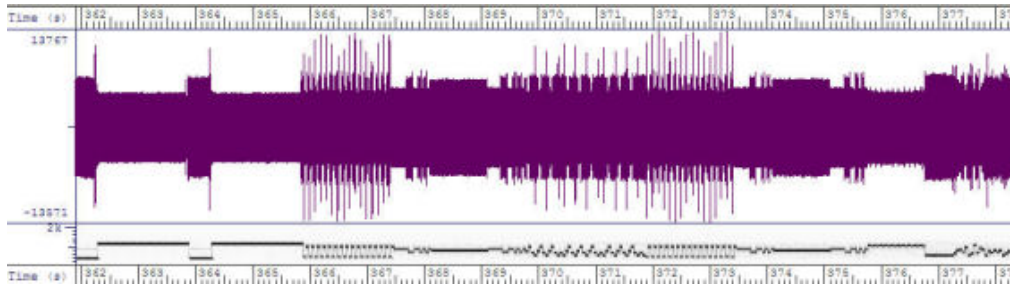
The schedule was found with little problem albeit a little confusion over a massive carrier that lurked nearby to the 0600z frequency. All signal strengths were of good magnitude although there was some degradation – to a mere S9 for the 0640z. Nevertheless, splendid audio and no problems with the signal. Usual filters applied to allow a clearly defined spectral waveform.

The morning sending of 05/09 started well with strong signals on 9MHz but by 0640z the quality was questionable thanks to QSB. The same message was repeated on 08/09; the sendings were strong with the exception that PLondon reported slight QSB on the 0620z offering only whilst JoA was aware of QSB on the 0620 and 0640z sending.

Good strength for the null messages transmitted on 12/09.

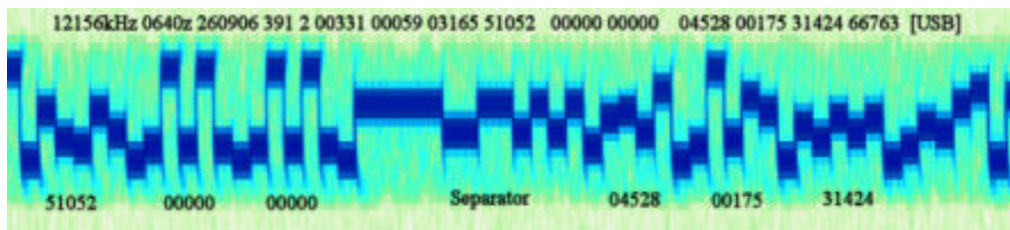
JoA and PLondon both reported good strength sendings for the 0600 and 0620z sendings. Whilst JoA reported QSB on the 0640z PLondon lost the signal completely at one stage, the strength being strong to start but with degradation. There was also a 1kHz tone on the frequency with PLondon. First sending of the 19/09 was very poor, reported by JoA as S6 and stated as poor by PLondon. Other two sendings were strong with both PLondon and JoA who stated 25dBs for 0620z and 5dBs for 0640z. Both produced good spectrograms for analysis.

On 22/09 the first sending was a little odd – it was sent in USB. Good strength and easily received. The last sending was like excellent and clearly defined as this image illustrates:



USB was again used on 26/09. 9356kHz 0600z was a poor sending, JoA measured S4 whilst PLondon recorded 'USB, Poor and noisy.' The other two were good signals. 0620z JoA: 30dBs, PLondon 20dBs, 0640z JoA: 35dBs, PLondon 40dBs.

The sending was a **two message** format and with the first message being 59 groups long + 3 admin groups plus the 00000 00000 sequence we were lucky to see proof the separator group appears at 64 groups:



Looking above shows the last group of the first message along with the zero [R2] groups, separator and first three groups [sn, gc, dk] of the second message followed by the first actual message group – no values given.

29/09 started well with 20dBs at 0600z, whilst sitting at my desk I realised the 0620z had not shown and being around 30s into the sending I returned to find XPA on 10950kHz. JoA rang to ask about the signal and had missed it. 0640z sent as expected.

September Evening Schedule

The first frequency was shrouded by an XJT which did its best to blot out the signal entirely. The 2020 and 2040z offerings were strong at 20 and 40dBs respectively. Perusal of last years sendings revealed that I was at Surrey University at the time of sendings but that the 2020z sending was the same strength as this years. However, my record for the 2000z 06/09/05 revealed that XJT was active for the sending and wreaking the same havoc to that first signal.

On 05/09 XJT was not there for the first sending which is shown in PLondon's log as '30dBs with some noise' The 2020z and 2040z sendings were shown as 30 to 40dBs and 20dBs respectively.

All sendings were received at good strength by Plondon and JoA on 08/09; again, another null message. XJT was clear into the run up to the 2000z transmission on 12/09 but started just before the transmission proper started. The rest of the schedule was of good strength and audio.

Sod's law really worked on 15/09. PLondon was unable to monitor the evening's transmission due to a visit. However JoA gladly took up the reins and reported the nights listening as, "9101kHz de-tuned to 9102 to avoid some of the XJT.

9102kHz 2000:02-2002:02z Intro., 2002:02-2002:50z msg. QRM-XJT - poor. 6971kHz 2020:01z S7 average with the odd peak @ S9.Freq. check: $6969.9 + 6972.2 / 2 = 6971\text{kHz}$. 5758kHz 2040:01z S5/S7 QSB QRN-noise."

John added, "2020 & 2040 sendings recorded on tape in case your auto-recording is not functioning." Well it functioned correctly all through my visit in Guyana and Eastern Europe and without flaw. However, that night it recorded a very weak signal which for analysis purpose would be of no use.

So on Sunday 17/09 JoA kindly played his recordings down the phone onto PLondon's phone where it produced a decent spectrogram for analysis. Thanks JoA.

The sendings of 19/09 were splendid apart from the 2000z, drowned as ever by XJT. PLondon wrote: "2000z sending not heard -- XJT yet again, 2020z 40dBs+ It really was 'endstop.' [FSD to the techies] and 2040z 20-30dBs. The sending repeated the message sent 15/09: 197 1 00876 00115 33986 23043

Despite the transmission in USB in the morning the sendings on 22/09 pm remained in AM. XJT did not worry the 2000z sending and although the signals was strong there was some man made noise; 2020z weighed in with 20dBs and good audio whilst 2040z was a fantastic 40dBs with an occasional 'fade' to 20dBs.

The last two scheduled sendings for 26 & 29/09 were the same, 2000z ruined by XJT, 2020z 20dBs and 2040z 20-30dBs. The only difference being the 2040z which was suffering some QRM from a French language station that was sending voice traffic on 5750.6kHz.

October 06

XPA [MFSK-20 Russian Intelligence Multitone System]

XPA [MFSK-20 Russian Intelligence Multitone System]

1. 0600z: 9356kHz 2. 0620z: 10956kHz 3. 0640z: 12156kHz
ID391

1.2000z 6842kHz 2. 2020z : 5924kHz 3. 2040z : 5178kHz
ID891

	ID/Msg.format/SN/GC/DK/Last Grp		ID/Msg.format/SN/GC/DK/Last Grp
03*Tue	391 2 00538 00093 10632 72772 00000 00000 00926 00217 94002 51301	[see notes]	891 000 00616 00001 00000 10140 [see notes]
06Fri	391 1 00261 00099 38575 46715	[see notes]	891 000 04132 00001 00000 10140 [see notes]
10Tue	391 1 00818 00189 11994 20317	[see notes]	891 000 08921 00001 00000 10140 [see notes]
13Fri	391 000 00545 00001 00000 10140		891 000 05436 00001 00000 10140
17Tue	391 1 02856 00001 00000 10140	[see notes]	891 000 05436 00001 00000 10140 [see notes]
20Fri	391 1 01192 00261 67865 00450	[see notes]	891 1 00808 00067 16498 40250 [see notes]
24Tue	391 1 09975 00169 25352 65343	[see notes]	891 2 00328 00093 30673 26266 00000 00000 00808 00067 16598 40250 [see notes]
27Fri	391 1 00462 00159 19962 66040	[see notes]	891 1 04121 00045 44767 06454 [see notes]
31Tue	391 1 07260 00001 00000 10140	[see notes]	891 1 04121 00045 44767 06454 [see notes]

October Morning Schedule

Apart from USB being used on this sending [first noticed 22/09/06] as soon as the sending started PLondon's phone rang, JoA said, it sounds different and he was right – it was different. All the sendings were of good strength, the first message was 93 groups long and the second a repeat of that sent 29/09/06. However for a message that took only 3m20s to send last time the sending time of 4m40s seemed excessive.. RNGB emailed PLondon to state his findings which shewed the construction of the message to be as expected.

PLondon looked at the spectrograph of the sendings and compared it to the previous USB sending as well as an AM one.

The reason for the extra length and different sound became obvious. The parameters are taken from 29/09 and 03/10:

Msg 00926/00217: 67.90/135.803s;

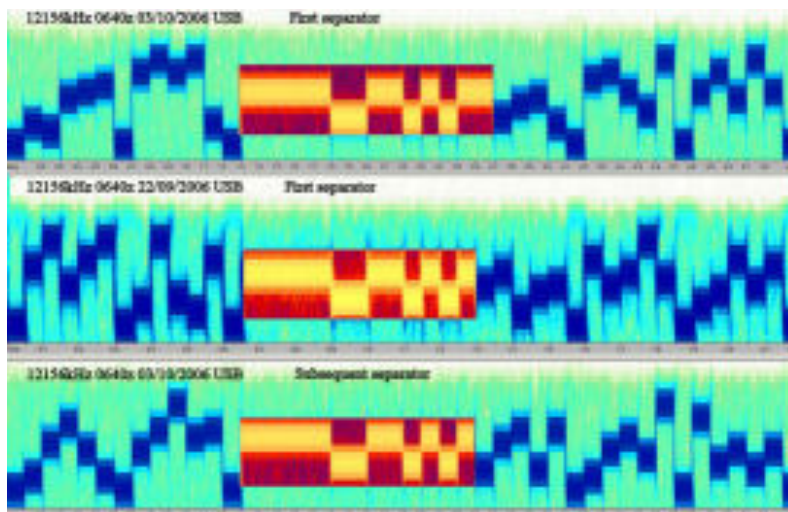
Start Tones[ST] 120s/120s;

Admin Tones [end of ST to Serial Number]: 11.837s/20.794s;

64 group separator 0.652s/1.296s;

Random Group [sp + 5 characters]: 250ms;

Single random group character: 50ms/100ms

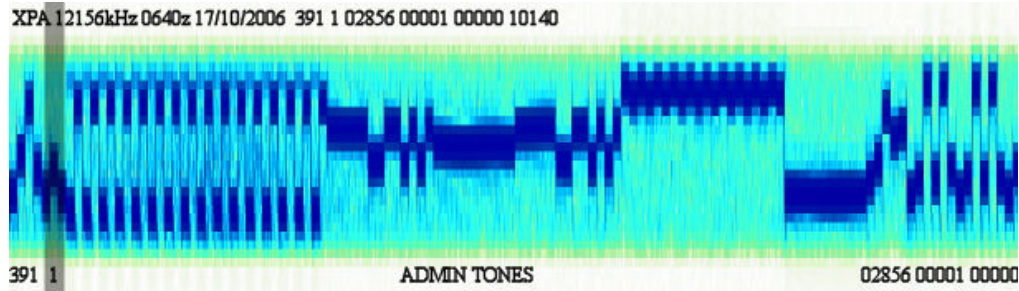


It will be noted that each of the above has doubled in length with the exception of the Start Tones. The first 64 group separator seen on 03/10 was also constructed differently with the last 1000Hz tone being longer and adding an extra 100ms to the duration of separator group as can be seen in the image above. [Comparison with the first and subsequent separators in the 2 message format 2000z 24/10 shewed it to be unchanged from the usual duration].

The slow speed/double length tones were heard again during the Friday 06/10 and all at good strength. 10/10 sendings were all of good strength, with the tones increased by 100% the sending lasted 4m20s. Starting on 13/10 no real excitement as a round of null messages commenced.

However that sent 17/10 was not only dominated by a poor first transmission [noisy and facsimile QRM] but displayed an error.

With a null message there has always been a message indicator '000' as seen in all versions except XPL. On this transmission the indicator was a '1' – used in the single format message.. See diagram:



If the sending facility was indeed faulty for the 17/10 sendings then a repair – or a duff operator – had been effected or changed by the splendid sendings of 20/10. PLondon reports 40dBs for all sendings, JoA claimed 35dBs via IC and KW rang to say he too was taking an endstop [FSD] in Scotland. Mndbs emailed PLondon to let him know he had a good recording although the message was slower and asking if the message was a single format message, which it was. All in all an excellent sending with the gc+3 [sn; gc; dk] proven: 64 x4 + 8 = 264. Actual gc 261. [Also reported by mndbs]

24/10 saw all sendings with a good strength signal for the 4m 9s long messaes. Again the slower tones. Likewise excellent signals on 27/10 all 40dBs.

The last morning sendings of October were very poor. Falling outside of the reversal to GMT/z [or UTC, for the Europhile or American] the actual transmission took place at 0600z. PLondon was enroute but has set up an autosys in his office.

The signals were poor and there was the same mistake as seen on 17/10. The message number was incorrect for a null message. 000 it should have been – not *1*.

October Evening Schedule

Signals for this schedule on its first sending were very poor, with noise, BC and a 1000Hz het dominating the sendings. Much the same as last year! The miserable conditions were experienced again for the second sending on 06/10, the best being 2000z when the signal was constant with good audio; the rest were very poor and reported as such by JoA.

The transmissions on 17/10 were poorly received at PLondon's QTH but well elsewhere – three reports confirmed that. PLondon queried if the sendings were 2000 and 2020z were using USB with the 2040z reverting to AM?

20/10 saw excellent strength transmissions lasting only 2mins 34 secs for a 67 group message. Such short messages do no bode well when heard on polytones.

BUT PoSW summed up the answer re 17/10 and sendings of 20/10 in his write up, "*The Tuesday + Friday "XPA" starting at 2000 UTC was heard in September on 9,101 + 6,971 + 5,788 KHz, the same frequencies as in September 2005. The first sending suffered from a strong "XJT" and the second from the Hebrew language broadcaster on 6,973 KHz which is starting to become a strong signal in the UK evening time after dark. Frequencies in October, also the same as last year, were 6,842 + 5,924 + 5,178 KHz. The Tuesday + Friday schedule starting at 0600 UTC is an inconvenient time for some of us but in September I did hear the first sending on 9,356 KHz several times always with a strong signal. I had less luck in finding the first sending in October, I couldn't find the carrier, usually up a few minutes before the hour and usually very strong. On Friday 20-Oct at just after 0600z I found a strong signal on 9,356 KHz, the same frequency as in September, which appeared to be a carrier moving in frequency at the rate of an XPA and it turned out to be an XPA being transmitted in suppressed carrier mode; there were no tones apparent with the receiver in AM mode, it had to be resolved in USB to render it audible. This is the first time I have ever heard these regular polytone transmission in any other mode than AM –*" [Txn PoSW]

24/10 saw good strength sendings too with the meter at both Plondon and JoA showing S7, 10dBs and 40dBs respectively. PLondon and RNGB both noticed a **two message format** – so perhaps we can expect some changes to the evening sendings – perhaps USB and the 100ms message tones?

Another short message on 27/10 – still AM for the moment and decent sigs at PLondon for 2000 and 2020z despite a nearby XJT for the 2020z. No comment on the 2040z from PLondon because he fell asleep before the signals ran but luckily JoA saved the day by posting: 5178kHz 2040:00z (S9 QSB QRM-intermittent heterodyne). – [I expect a 252 for dereliction of duty]. This short message format is worrying but no doubt we'll find out what soon enough.....

And soon enough we did. The sendings of 31/10 were very poor but thought to be in USB. PLondon used two receivers, one on AM the other USB to immediately determine the actual mode. On discussion JoA posted, "Noted your conclusion re: 5178kHz 2040z, which is, no doubt, correct, however it is curious that you did not get any signal in AM, whereas I received in AM @ S9 including good audio. I'm sure that this was no mistake as I checked both USB & AM and received in both."

This is worrying and I wonder if a certain amateur nearby is blocking my receivers, because my signals were anything but good ☺

Additional Polytones [Thought to be Diplomatic]:

	ID/Msg.format/SN/GC/DK/Last Grp [Mode]
<u>Daytime 1:</u>	
	1. 0700z: 11438; 0720z: 134nn; 0740z: 14792kHz <u>ID447</u>
11/10 Wed	447 1 04121 00113 53425 55411 [RNGB]
<u>Daytime 2:</u>	
	1.0900z: 15987kHz; 2.0920z 14922kHz; 0940z 3. 13419kHz <u>ID994</u>
26/09 Tues	994 1 03617 00087 Kopf [AM]
06/10 Fri	Heard by Jochen [Kopf]
09/10	994 1 02917 00096 [AM]

10/10 Tues 994 1 08905 00113 11677 25654 2mins48sec long
 12/10 Thurs 994 1 [SSB]
 13/10 Fri 994 1 05378 00115 24899 21040
Daytime 3:
 1.0940z2. 1000z 15862kHz 3.1020z 14512kHz
ID685
 26/09 Tues 861 1 03617 00087 [AM]
 06/10 Fri *Discovered by Jochen message not recorded.*
 09/10 Mon 861 02917 00096 [AM]
 10/10 Tues 685 1 08905 00113 11677 25654 2mins48sec long

Daytime 4:

Last Fridays' XPA [29/09] turned up today [05/10] (quite unexpected) at 1200/1220/1240z on 14943/13888/12161kHz
 With '981' 1 01684 00080 10774 LG 00022 64+19 = GC + 3

1. 1200z:14931kHz 2.1220z:13888kHz 3.1240z:12161kHz
ID981

05/10 Thurs 981 1 01684 00080 10774 00022 [see notes] RNGB
 12/10 Thurs 981 1 04121 00113 53425 55411

Daytime Additional

Daytime 1: RNGB wrote: "Hope you're keeping up with this lot! XPA this morning on 11438/134xx/14792 at 0700/20/40 with '447' 1 04121 00113 53425 LG 55411. This was slow speed usb version." [Most tones double length - 100ms]

Daytime 2: Jochen sent an email to announce that he had discovered a full schedule of slow tones.

Daytime 3: Discovered by Jochen. 06/10 who commented on the signal strength as being S7 and added, "While you are working hard in the Uni, I am working hard here with the XPA monitoring!" Wrong Jochen, I took a day's leave and visited the Imperial War Museum situated at the Elephant and Castle, London.

Daytime 4: 14931 was weak, 13888 also weak, but when I switched to my 20metre vertical it became fair. 12161 was a good signal, and I was back using the long wire. All were in usb mode (carrier FULLY suppressed). No carrier detected before start of Tx with '981' 1 01684 00080 10774 LG 00022 64+19 = GC + 3

PLondon was at home Tues10/10 and looked at the daytime additional. He discovered the third freq of the second schedule as well as the indication that 'Daytime 3 started at 0940z. The message sent for Daytime 1&2 was the same, save for the ID, same numerical values and length.

Note the repetition of messages from one schedule to another.

Many of the sendings used different modulation; this is reflected in Kopf's recount:

On September 26th, Kopf noticed a change in mode from AM into SSB during the morning skeds. He only heard the two last skeds, as usual with strong S9 and also with a msg. On October 6th, he could notice another change (now slower speed), as he heard the 3rd morning sked, also in SSB, also with S9 and also with msg. This change he could also notice, as he heard XPA in AM on the same day on new scheduled freqs. The previous XPA schedules shows the "development" of the new XPA skeds with times, freqs, dates, mode, serial number, decode key and group count.

Evening Additional:

ID/Msg.format/SN/GC/DK/Last Grp

Evening 1

1. 2100z: 8104kHz 2. 2120z: 6837kHz 3. 2140z: 5212kHz
ID182

11/10 Wed 182 1 04121 00113 53425 55411

Evening 2

1. 2200z:7607kHz 2. 2220z: 5921kHz 3. 2240z: 4577kHz
ID695

04/10 Wed 695 1 08468 00117 52565 67331 [see notes] RNGB

11/10 Wed 695 1 04121 00113 53425 55411

Evening Additional

Following Group Message 11890 by S&D, "Busy night [27/09] for me Just caught end of this one 2200-2202 7607 XPH or sim on the G06 freq. Good signal here" RNGB took the first of these intercepts and confirmed XPA [Evening 2] against our nominal tones listing. PLondon wonders if this is the XPA replacement of the 'Schedule 3' of 2003.

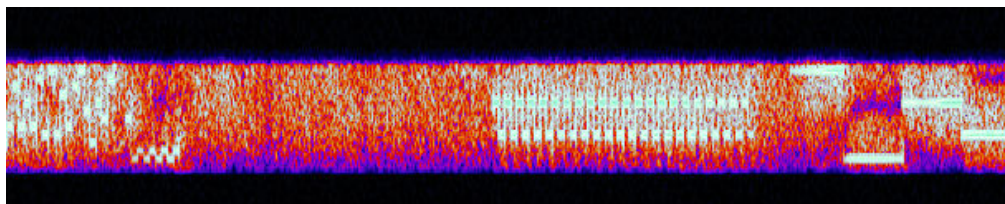
Like the 'Daytime Additional/ messages can also be seen to be repeated

Thanks for your help here RNGB

Finally, further proof of yet a different Polytone:

Mndbs found this particular polytone on 9133kHz 1230z 30/10 and sent a soundfile in. [LSB used].

This is the resultant end – note how different the ‘style’ of tones is.



Thanks Mike – good stuff.

Before we move to the ENIGMA 2000 article and News and other items of interest we present Gert's excellent prediction list:

The Prediction list is unavailable at this time due to a failed computer. As soon as same repaired the chart, if still in existence, will be placed on the Group site. We apologise for its omission.

ENIGMA 2000 Article

We conclude Thomas Wagner's most interesting true story in this issue.

Thanks for allowing ENIGMA 2000 to use your storyline, Thomas,

IF IT HAD NOT BEEN FOR 15 MINUTES: PART 6

Approximately 1000 kilometers West of Warsaw is the small town of Chiemsee, located in the West German State Bavaria. Chiemsee, a very picturesque and old city, is primarily known as the site of one of Bavaria's nicest palaces located on an island right in the middle of a lake.



A small non-descript house in Chiemsee is the residence of a gentleman to whom mother and I most likely owe our lives. We've never personally met Mr. Heinz or Horst H. , a former submarine captain during WW2, who although retired was in the employ of the BND as an industrial spy. His cover name was "Sissi" (and no its not the same as an English sissy). His work entailed travelling through the East as a journalist, finding answers to detailed BND surveys.

For example "How is East Germany using Microprocessors ?" or "How much does the AE100 cost? " .

In the middle of January 1979, Mr. Heinz H. meets with his case officer "Bierling" , a West German equivalent of Stiller's position, in a hotel room in Rosenheim. Bierling explains that the work this time was to help two people out of Warsaw. If H. does his job to everyone's satisfaction Bierling will help him to obtain an editorial position with the "Bayern Kourier" paper.

On January 14th Heinz H. travels to Warsaw. The lining of his winter boots contained two fake passports created by the BND. His suitcases contained West German clothes for a woman and a teenager. H.'s assignment was to deposit the papers and clothes in a safe deposit box in Warsaw. On his arrival in Warsaw he compares the stamps and signatures he just received in his own passport by Polish immigration authorities to the stamps and signatures in the fake passports. As an expert in these matters he catches several discrepancies. " I saw different signatures and most important incorrect stamps in the false passports" he later recalls as excitedly as though he was still there. "On the C-page the photo had a stamp on it; on the backside there was no stamp from the Hotel; there was no exchange document from ORBIS the state owned Polish tourist agency. In a word it was a mess! "

On January 16th Heinz H. sends an encoded telegram to a BND cover address in the West Germany. "On my own authority I've reset everything to zero and started the plan again " he explains " I proceeded to destroy the passports and retrieved the clothes" .

Sissi is ordered back to Munich immediately. The BND will attempt to have new passports in Warsaw by January 18 - Stiller's defection day. But the Warsaw airport was inundated by the same cold front that had hit Oberhof earlier and was forced to close down operations. It took H. until January 18th, two days later, to arrive back in Munich for a meeting with his case officer. The BND was set up in the hotel "Sollner Hof". Bierling was ready to flip out. According to Bierling H. had no appreciation how important this job was. The two in Warsaw need to be out of the country at the very latest the day after tomorrow!

January 22 1979 - Mom and I spent what seemed like an eternity in the little embassy caboose. We were asked early in the morning to get up and were escorted down the stairway to the foyer, and from there into what seemed like the basement. At the bottom of the stairs was a room which contained a big stainless steel vault door. The door swung open and the diplomats escorting us asked us to step through the round vault door into a conference room. All along we were to be extremely quiet and not say a word. The diplomat gestured for us to take a seat at the conference table. Slowly the door swung closed and after a second a green light right above the door came on. "Now we can talk" explained the diplomat. " This is a surveillance proof room".

I looked around as he spoke. With the exception of the table and eight chairs the room was empty. The walls and ceiling were covered with sound proofing material. The floor was oddly "high" from the floor of the basement room outside of the vault.

The diplomat addressed us again " We have finally received your papers. And it is now time to take the next step. You will be travelling out of the country as Mrs. Ritter and son. Here are passports and airline tickets. We will take you to the airport and accompany you all the way to the entrance of the departure gate, but please understand that we cannot come with you through the passport checkpoint. That is too risky. However, we will have people nearby. If anyone questions your papers you absolutely will have to pretend that you are West Germans and become obnoxious tourists. How dare these guys question you ! That sort of thing. We will try to "accidentally" show up if that happens and we will try to see if could pressure the people checking passports, but if it goes wrong we cannot be discovered as having part of this! Also, if you make it past the checkpoint and into the transit lounge the chances of being discovered will decrease drastically, however, if you are discovered in the transit lounge itself we cannot help because we can't get entrance to it. "

Well there it was. The plan. Most of all we were happy that the papers had finally arrived. After so many days in limbo this progress was the best news.

"You will also need to leave all of the baggage you brought from East-Germany, change into these clothes " continued the diplomat as he pulled out several clothing items for mother and I. (One of these items, a light blue acrylic turtleneck sweater is still in my closet to this day as a memento of that fateful time.)

After we've changed, the diplomats escorted us to a waiting car. Two got into the front and mom and I got into the back. We must have looked a little bit like "deer caught in the headlights" because the fellow sitting in the front passenger seat almost turned around completely and spoke to us for what seemed like a long time. The trip to the airport took 30 minutes. Before we knew it, it was time to get out. We took our carry-on bags, the only baggage we had left at this point and walked into the departure gate. Mom and I had only been in two or three other airports in East Germany and the Soviet Union and so the Warsaw airport added to our stress by the mere fact of being new and unfamiliar.



I was guessing about the layout and structure of the walkway to the gate. Where was the checkpoint? Where was the transit lounge? All of a sudden, so it seemed , we were standing in a very short line with one or two people ahead of us. Oh my god, it was the passport check! Time stood still. Everything slowed to a complete crawl and reality somehow looked much clearer than it normally does. I felt as though I was standing outside of my body watching myself hand the passport to the immigration official / border guard. It took forever. Finally he stamped it and returned it to me. We walked into an empty transit lounge. Slowly, it seemed, we found a couple of seats in a row close to the windows overlooking the concourse. The entire transit lounge contained maybe three other people which only made matters worse. What if they were agents? After 15 minutes a very dapperly dressed pilot approached us and said " You are my only passengers for this flight. Would you please come with me". He actually meant mother, myself and one other person. We followed him across the tarmac and climbed aboard a Finnair plane bound for Helsinki . My thoughts were chasing each other fast and furious. "Who ever heard of a plane with only three passengers. Something is wrong! Watch out the third passenger has to be an agent! Whats the best place to sit so that we could keep an eye on him? " I continually expected to be caught even as the plane departed and made its way into the gray Polish sky. My nerves did not calm down until I looked out of the window and saw the sun glistening off the Baltic Sea below. At that point I figured we were in international airspace and beyond the reach of either East German or Polish forces.

The plane landed in Helsinki and we were met by two jubilant members of the BND standing at the gate and waving to us. After a short layover we boarded a plane to Munich and arrived sometime after 5 PM on January 22nd 1979 in Munich. All of us were picked up in a small convoy of several cars. After some time on the Autobahn we pulled onto a smaller side street where another car was waiting. On the instruction of one of the agents, mother left our vehicle and got into the backseat of the waiting car. For the briefest moment I saw Stiller's head appear in the rear window as he sat up to give mom a hug. After that he disappeared again from sight.

Our convoy made its way into Munich where we spent several days in a hotel. I will never forget the celebration of our first evening together in the West. We had made it! We were in the West!.

Epilogue

We lived in a non-descript small office building in Munich under constant watch of bodyguards. The building was wired with cameras, motion sensors and an electrified roof . If we wanted to go anywhere we had give detailed plans to the bodyguards who coincidentally had a small room right at the entrance door to our apartment. And while these security measures were understandable on some level, I was a 17 year old kid who was going bonkers in this environment. Each time we went out as a group, it required 6 bodyguards and 3 to 4 cars.

These measures were entirely appropriate. Unbeknownst to us, the STASI had taken the unprecedented step of offering a bounty on our heads. I imagine more so on the capture or execution of Werner Stiller, but we were in danger nonetheless. Many years later I was told that the STASI in 1980 had been mistakenly under the impression that a family in Bavaria was us. They've sent a hit team of three agents across the border. In order to verify the discovery, individual team members visited this unsuspecting family on two separate occasions. The first came disguised as a delivery driver, the second visit came as a gas meter reader. After that the team was pretty sure they had found us and converged on the house. All three of them with guns drawn entered the home of their suspects. I don't know the exact details, but somehow the wife of the poor fellow under attack had enough presence of mind to call from the kitchen to the entrance way "Honey I've called the cops - they will be here in 2 minutes." And that was apparently enough to spook the hit team into abandoning their plan.

In order to defuse my stress of being locked up, the BND resolved to help. Our handlers called a meeting and explained to me that the BND completely sympathized with our situation and offered to relocate me. (They could not relocate all of us together.) "We have good relations with two countries where we think you will be safe. The choice you have to make is which country you'd like to live in - South Africa or the United States".



After some thought and research I decided on the US - even though from a European point of view the country seemed dangerous and full of crime. In June of 1979 I arrived in Washington DC for a scheduled stay of only two years. I was to attend a culinary school located right along McArthur Blvd. My local contact and all around helper was Adalbert Dannegger, a member of the BND attached to the German Embassy.

The relationship between Werner Stiller and my mother ended in the Summer of 1981. After having lived under lock and key for a year and half, constantly being watched and constantly being monitored, Werner convinced the BND to allow him a windsurfing vacation at lake "Garda" in Italy, only him and a bodyguard. He promptly managed to fall in love with a 19 year old girl vacationing there, and confessed his entire story to her. Mom was furious. His actions put everything they had worked for in danger. At some point shortly thereafter the break up was complete and mother joined me in the United States. We were resettled by CIA and given new identities. I actually got to pick my own name!

Where are we now?

We've been living in the US for the past 20/23 years, which probably makes me more American than German at this point. Mom is married to a wonderful American gentleman and both live in what has to be the absolutely most beautiful small town in the entire United States. Located right along the Pacific Ocean, this city with spanish-mediterranean architecture has become my hometown. Home is where the heart is after all.

What happened to Stiller?

He studied Business at Washington University in St. Louis and obtained an MBA in 1983-84. During his stint at school he discovered the stock market and almost lost his entire life savings while, true to form, making high-risk speculative investments. After graduation, on the recommendation of a professor, he was able to obtain a stockbroker position with Goldman Sachs in New York City where he worked his way up the ranks to be stationed in London somewhere in the late 80's. He continued to make money in high risk deals. After becoming the branch manager for a newly opened Goldman branch in Frankfurt he quit to pursue his own entrepreneurial goals. With deals all over the world and houses in several beautiful European spots (like Cannes) he managed to get married and divorced 5 times along the way. The most noteworthy marriage being to a pretty mafia princess in NYC. The divorce from this daughter of a "made man" in NYC, cost him over \$1 million (or a ride with his father-in-law). Having been riding the greatest bull market in the history of modern economies, Stiller is either completely broke or extremely wealthy at this point. I don't think there is any middle ground possible for this man. According to a newspaper quote in 2001/02 his latest ventured has seen him taking up residence in Budapest Hungary in order to work as a middleman between the business interests of the European Union countries and Kasachstan. Again a risky but potentially very lucrative position.

As an interesting side note, the BND established a cover story that was both completely false, self serving to the BND's purposes and at the same time intended to scare the STASI. Through numerous articles planted in the West German media, as well as Stiller's own book "[In the Center of Espionage](#)", the BND in Pullach attempted to paint a picture of Stiller as a double-agent who had been passing messages back and forth since the early 70's. This cover story painted Stiller as being a BND employee for many years. The cover story does sound nice and Stiller continues to propagate it - even as late as 1992 when he was interviewed by the German newsmagazine "Spiegel" and bragged about secret meetings with the BND in cities like Budapest, Zagreb and even the Stasi safe house in East Berlin. Nothing could be further from the truth. I was there. My uncle was his only contact to the BND.

Why tell this story?

Mostly for the benefit of my daughter Katelin. This is part of our family history and with the multi-media capabilities of the web I can link to various pages, pictures and notes that bring the story alive. Katelin is fascinated with this whole business - probably because of the movie "Spy Kids". She loves to ask me "Daddy - Oma was a spy?" to which I answer "Yes she was". She then asks "Daddy- you were half a spy?" - to which I answer "That was a long time ago darling, but I guess you could call it that " at which point Katelin has a triumphant smile on her face and with sparkling eyes declares "Great! That makes me a quarter spy ! "

I hope that the unbelievable force that helped us through this ordeal, allowing us to escape untouched in spite of everything that went wrong, I hope whatever it is - call it God, call it Faith or Luck - I hope it can see Katelin when she triumphantly declares "I'm a quarter spy !" And I hope that our guardian angels can feel just a little bit of the love that I feel for my daughter who would not be in this world if it hadn't been for 15 minutes.

Thomas Wagner (Michael Michnowski) Los Angeles, California in the Summer of 2003

ENIGMA 2000 thanks Mr Thomas Wagner for allowing us to convert his story for use within the Newsletters and for his generosity in allowing us to do so. These pages were a direct paste from Mr Wagner's 'If it had not been for 15 minutes....' which can be found:

<http://www.myspystory.com/intro.html>

© Remains with the Author.

And now by much popular request [and that includes a person who did this for a living]:

[P_LONKERS PROGRESS PART 2](#)

(Being the continuation of the odyssey of a numbers enthusiast and his lady along the Ionian Sea coast of Corfu, and other countries and islands.)

Life had reached that stage where the kids had grown up a little more, and yours truly was looking for some radio kit of a more sophisticated nature. Number One son had left home, and I was starting to look enviously at his vacant bedroom and think what a wonderful radio shack it would make. Number One daughter was still at home and would drive me mad on occasion with the usual teenage tantrums. (My brother in law describes it as synchronised PMT, and ascribes it to two women occupying the same space/time continuum simultaneously-----me, I just think they are made like that!) A very close friend, who is an electronics engineer and knows about such things, likens it to two oscillators working in close proximity to each other I refer the learned E2K reader to the answer I gave earlier!!!)

So, the problem now is, I can still not justify to the Memsahib the outlay on a SSB capable communications receiver that will really do the biz. I really want to monitor those SSB transmissions, which, as you all know, without the right rig, sounds like Donald Duck in SCUBA kit! But just one cotton picking minute there dude, what about a TRF rig? Tuned in just right, it will resolve USB and LSB, and then just listen to all those stations rolling in! Maritime stations, aircraft, (some of which still use HF) and military stations will just be begging me to monitor them! Even radio hams will not escape the old eagle ear of yours truly! And what if they do need long wire aerials and earth, nothing is impossible to an old scaleyback! And so, just like my alter ego, Baldric, I hatched a cunning plan. Come Christmas, having been a good boy for days and days on end, when asked What would you like for Christmas dear? I replied, hefting a copy of Maplins current catalogue, opening it at the appropriate page with the dexterity of a car salesman opening a car door for a prospective punter, This my dove Pausing only to reach for a bucket in to which to vomit at my newly found grovelling, she put on her specs. Looking at the offering, she wrinkled her brow, trying to understand the RF speak. But what does it DO? she enquired. Feigning shock, (I always knew those 7 years in the Army, closely followed by 8 years in the Police would come in useful someday!) I replied Well, everything love. All those stations which I cant get, with this I can hear them all. She looked at it again. It was an advert for an MFJ MODEL 8100 WORLDBAND (God, I love that phrase!) three transistor portable, covering the HF band between 3.5 and 22.00 MHz in 5 bands.. Using a trick which I picked up from my son, I said And look, it IS only £62! Now, I dont know if that is what did it, but, come Christmas morning, under the tree was a box nicely wrapped and containing all the parts for making up the MFJ set.



Mark 1 HJH Homebrewed Superhet [held over from last time]

Pausing only long enough to settle down after the post Christmas shakes and nausea, (which took us into January) I started work on the set. Like all good TRF sets it was complete with its own black crackle finish metal case and natural metal facia panel, and slow motion tuning drive. The long wire aerial in the garden had long been in place complete with porcelain egg insulators, and a genuine earth copper spike hammered in to the ground(!) was connected to my shack from the back garden. After the care I had taken in soldering the parts together, to connect two wires was childs play! Switch on, plug in the phones, connect all up, and there, sure enough, was the tell tale hiss, followed by some music as I passed a strong broadcast station. I did what the manual suggested, and used a signal generator to set it up on 10.000 MHz exactly. After a while, getting back into the habit of using two controls (Tuner and Reaction) as one, I began to log some radio hams on about 3.065MHz or thereabouts, and , joy of joys, a Greek ship on about 4.075MHz. !! (Even my sketchy Greek, which normally starts and ends at the taverna door, confirmed this!)

So, what had I got for my pains, with my MFJ WORLDBAND set? It will not cover the whole short wave specrum as will the average communications RX, but then it didnt cost as much either! It runs off a standard PP9 9 volt battery. The facia panel consists of the on/off switch and associated LED, volume (gain) control, tuning and reactance control, plus the 5position band selector switch. The tuning scale is calibrated in MHz. (If you dont know how to use a TRF set, see me after school or ask Paul!) On the back panel are two bolts, one for aerial one for earth (ground) and two sockets for headphones. Since, like most guys, I only have the one head, I only use one set of phones at a time. This means I can use the other socket to record off air. And no, she didnt like that either! But all this was far before the Airfix 12 hit the headlines and The Marconi One would be doing a very creditable impression of a blond, middle aged, (and slightly portly) ape, swinging on a Greek balcony which happened to be attached to a villa in which we were staying. Is there nothing some guys will not do to hang a good aerial? But all this was far in the future, and I was happily monitoring and logging at my home QTH, using my MFJ for the tricky SSB stuff, and the VENTURER (2 shortwave bands, AM covering medium (540 to 1600KHz.) and long wave (150 to 300KHz), and 2 FM bands, one starting at 88 to 108, then another band for 108 to 180MHz approx.) HF bands are 2.3MHz to 22.00MHz, but being AM only, will normally only receive the broadcast bands and run of the mill AM stations. Life was good, I thought, but I just HAD to rig up s little aerial /earth kit to take with me on our next Greek Odyssey, and why be satisfied with the mundane?



Something a little more professional

What to use for an insulator for suspending the aerial? I will wager my genitals to an acre of swedes that a lot of you sharp, switched on (no pun intended!) E2K home brewers have used that good old standby, the 35mm film cassette case, for all sorts of electrical project cases. What better than two for insulators for aerial wire? And, if you are using fine gauge wire, they can double as cases to roll up said wire and stow and carry same in! Another for an earth wire and the show is really on the road! And hey, what kitchen never has a meat skewer which is just dying to be your next earth (ground) spike? Working the DX in Corfu or any Greek island was going to be a breeze with this baby! Even a Jobs worth dork such as I had previously encountered on our first trip would know it was a radio. Hell, it said so on the front. The world was my lobster! But then, of course, people like me never worry much about aircraft spotters who get arrested at air shows. I dont need to. For that I have the Memsahib!

A DOUBT IS CAST!

You've been there! The holiday is upon you, you have spent all your free time (well, that when you are not monitoring!) studying Greek, or whatever language they speak in your target holiday QTH. The time is so close that you are even starting to pack. You are trying to casually slip a radio and cassette recorder and the allied headphones (I dont want to keep you awake, do I darling?) connecting leads, spare batteries, long wire aerials, a couple of tools, (remember guys, this is STILL pre 9/11) a small log book, and some spare cassette tapes, into your radio bag. You know the one, that for which you would rather lose a genital before entrusting to the care of some oik of a baggage handler. (Cos you have seen just how these guys handle baggage!!!) Will she notice? Bet your butt she will!!

She: I thought we said no more radios on holiday?

Me: What's this we paleface?

She: After the last time------(Strange how silence can say so much!)

Me: Well, you dont want me spending all day in that taverna, do you dear?
(By now, this one is so old; it will fit in the Late Bob Monkhouse' joke book, but why change a winning formula? Where would that have got Alfred Nobel!?)

She: I dont know why you need that recorder. You know all about those aircraft spotters who were arrested in Greece. What if someone sees you using that and recording on it? I play the ace, king and queen together.

With sleight of hand that would do credit to Paul Daniels, I produce a pair of miniature stereo loudspeakers. You can play your tapes on these through it, my love! And anyway, if they do bang me up, it will be a case of move over the Airfix 12, here comes the Marconi One!

She: Oh well, I suppose it LOOKS like a radio-----

I may be going to Greece with my radio and accessories, but, come Judgement Day, I am NOT going to heaven-----!

And that folks, is how the Marconi One came to be, with of course, the assistance of Paul Effendi. Did the MFJ rig perform? E10 as regular as clockwork, BBC World Service, a couple of Slavic stations, and a good dose of Olympia Radio. An Australian broadcast station, plus more Greek ships on HF Marine Band than Helens boat race ever would have launched!!! And the strange looks from the neighbouring Brit holiday makers were worth every blob of solder on the PCB of my little baby! Damn right she performed. And still does, sitting on top of my FRG 7700 in my home QTH!!!!

THE MARCONI ONE *[Shukri effendi – from one who also takes his radio on his travels.....]*

Now onto PoSW's Items in the Media:-

I suppose the Cold War is regarded by the younger generation as something which is almost as remote as the time of Napoleon, William the Conqueror or Julius Caesar. From time to time there appears in the media stories of events which were regarded as top secret in their day but are now freely discussed as ancient history. The *Daily Telegraph* of 25 August carried a piece by Ben Fenton headlined "How top-secret tunnellers of MI5 infiltrated the man from the Pru". It is a story of how one of the tunnels dug in London as part of the response to the Soviet nuclear threat in the very earliest days of the Cold War became of concern to the Prudential Assurance company. The article begins, "Top-secret tunnels dug under central London to protect ministers and military chiefs from atom bomb attack were rumoured when the digging upset the man from the Pru. The complex was so sensitive that even Manny Shinwell, the

Labour Minister of Defence, was kept in the dark. But the secret was almost blown when the excavation of the very deep tunnels of "Post Office Scheme 3245" undermined the Prudential Assurance building at Staple Lane Inn, near Chancery Lane. The company sued the General Post Office, which was acting as cover for the Cabinet Office, the Ministry of Defence and MI5 in building the deep tunnels because they already had other shallower works going on in post-war London.....the project was so sensitive that it did not have a codename beyond its GPO number. Even today, it is not clear precisely what the purpose of the tunnels was. The only reference, made in top secret papers just released at the National archives, in Kew, states that it was "part of the defence programme". The Cabinet Office file on the programme, which was begun in 1949, is marked "not to be released to the Public Record Office", the former title of the archives. That decision has been reversed under the Freedom of Information Act"..... Numerous secret tunnels have been built, first during the Second World War as a precaution against conventional bombing and later to ensure that government would survive after a nuclear holocaust". And to bring things up to date, more or less, the article concludes with, "The most recent construction under London are complexes collectively known as Pindar, which are thought to have been completed in 1994 at a cost of £125 million. PO scheme 3245, which was at least 100 feet deep at its shallowest and which runs from Whitehall at least as far as Holborn, a mile away, may have been incorporated into Pindar".

And is the Cold War really over? A story back in August from the *Telegraph's* Moscow correspondent, Kevin O'Flynn, is headed, "Russian who sold secrets to MI6 jailed". It says "A retired colonel was jailed for 13 years yesterday for selling information on Russia's international spy network to Britain. Sergei Skripal, 55, was recruited by MI6 in the mid-1990's and was reportedly paid \$100,000 to help blow the cover of scores of Russian spies working in Europe by selling their passwords, addresses and meeting places, a court in Moscow was told. "Through his actions, the spy inflicted significant damage on the defence capability and security of the state," said a spokesman for Russia's Federal Security Service, (FSB), the main successor of the Soviet-era KGB. Skripal stopped working for Russian intelligence in 1999 but had continued working for MI6 until he was arrested in 2004. He was found guilty of state treason and sent to a high security penal labour camp. He was also stripped of all state awards and his title. The British embassy in Moscow refused to comment".

There continues to be much speculation as to whether or not the USA and the UK together with the Israelis are going to attack Iran in the near future. Uncle Sam seemed to be quite keen to get stuck in to the Iranians not so very long ago but perhaps has lost some enthusiasm for the idea now that things are going from bad to worse for him in Iraq. The idea of the Israelis doing the job on their own has been discussed, at least an attempt to destroy Iran's nuclear production facilities before they build a functioning nuclear weapon. When the Israelis went into Lebanon in response to the Hezbollah attacks on their settlements there was much emphasis on the part of Israel and the US and to some extent from BLiar and his pals in this country of the involvement of Iran in supplying all sorts of weaponry including the crude rocket missiles which were being used against Israel. There was not one day while the campaign was under way on which the role of Iran as the villain of the piece was not emphasised, as if this was going to be the reason to begin attacks on the Iranians. However, the consequences of such action would be far reaching, as an short piece in the *Daily Telegraph* of 21-September by Alec Russell in Washington suggests. Headlined, "Iran could cut West's oil supplies in event of war, warns American chief in Gulf," the article says, "Iran could trigger a global terrorist campaign and choke the West's oil supplies in the event of war with America, the top US commander in the region has said. In a rare public discussion of how a war with Iran might unfold, General John Abizad, the chief of the US central command, gave a sobering assessment of Iran's military potential. He said that in a war it would rely on unconventional means to challenge America's superiority. "Number one, they have naval capacity to temporarily block the Straits of Hormuz (the entrance to the Gulf) and interfere with global commerce if they should choose to do so," he said. "Number two they have a substantial missile force that can do a lot of damage to our friends and partners in the region. Number three they have a pretty robust terrorist surrogate arm that could in the event of hostilities cause problems not only in the Middle East but globally. And number four, they have a very substantial land army that, while it is not offensively worrying, is capable of conducting asymmetric warfare."

Is the "special relationship" which the UK is said to have with the USA all it is cracked up to be? The question is deserving of an answer; if there is a special relationship then it is very much a one-way thing as recent history tells us. America did very little to prevent Irish Republican Army terrorism when it was in a position to do so since much of the IRA's weaponry and finance came from sympathisers in the US. It didn't worry the average American all that much when British Soldiers were being shot in the back in Belfast or when British civilians were being killed and maimed by the IRA's bombs, both in Northern Ireland and on the British mainland. It seems as though the boot is on the other foot now, so to speak. The *Daily Telegraph* of 29-August carried a piece by Francis Harris in Washington headlined "Britain is now biggest security threat to US" and says, "Britain now presents a greater security threat to the United States than Iran or Iraq, an American magazine said yesterday. In an article on Islamists headlined "Kashmir on the Thames" the *New Republic* painted Britain's Muslim communities as a breeding ground for violent extremism. Citing recent opinion poll evidence suggesting that one in four British Muslims believed that last year's London bombings were justified, the magazine said, 'In the wake of this month's high-profile arrests, it can be argued that the biggest threat to US security emanates not from Iran or Iraq or Afghanistan, but rather from Great Britain'. The magazine, with a circulation of 60,000 a week, has its roots on the Democratic Left although in recent years it has backed much of President George W Bush's foreign policy. The claim is the latest in a series of hostile reassessments of Britain by Americans in the wake of the alleged plot to bring down transatlantic airliners. Many have been appalled by the existence of enthusiastic jihadis in British cities and by the call from some of their leaders for a change in the country's foreign policy. Other publications and the think-tanks that shape public debate in America have also issued stern criticism of both British Muslims and the Government. Nick Gardiner, of the Right-wing Heritage Foundation said that Americans were coming to view Britain as 'a hornet's nest of Islamic extremists' and thought it posed 'a direct security threat' to the US. He said that if British-based terrorism continues, America is likely to respond harshly. 'A major concern would be the tightening of travel restrictions unless the authorities start to crack down on Islamist militancy', he said. More than four million Britons enter America annually using the visa waiver programme. Any change would force Britons wishing to visit the US into lengthy queues at American diplomatic missions". So that's telling us, then! And as far as I know, unless I've missed it, Tony BLiar still hasn't gone to the White House to pick up that shiny medal which George Dubyah awarded him some time ago for being such a good boy and doing as he was told.

Staying with an American theme;- conspiracy theories, the latest! From the *Daily Mail* of 6-September, a story from across the Atlantic by Jaya Narain headlined, "The 75 professors who believe 9/11 was an inside job". "Seventy-five leading academics have stunned America by claiming the 9/11 terrorist attacks were orchestrated by warmongers inside the White House. The professors and scientists believe the attacks on New York and Washington were an 'inside job' carried out to justify the invasion of oil-rich countries. Their claims have caused outrage in the US ahead of the fifth anniversary of the raids which left almost 3,000 dead. The academics - calling themselves 9/11 Scholars for Truth - say that the facts of their investigations cannot be ignored and they have overwhelming evidence that points to one of the biggest conspiracies ever. In essays and journals, the 75 experts from universities across the US give credence to many of the conspiracy theories which have circulated on the Internet since 2001. One member of the group, Professor Steven Jones, who lectures in physics at Brigham Young University in Provo, Utah, said;- 'We don't believe that 19 hijackers and a few others in a cave in Afghanistan pulled this off acting alone. We challenge this official theory and, by God, we're going to get to the bottom of this.' The academics believe that a group of US neoconservatives called the Project for a New American Century, which is set on US world domination, orchestrated the attacks on the World Trade Centre and the Pentagon as an excuse to hit Afghanistan, Iraq and later Iran".

Yet more on America;- Uncle Sam mans the ramparts! From the *Daily Telegraph* of 21-September;- a piece by Francis Harris, their man in Washington, is headlined "US to build 1,800 towers to guard borders". The article says, "America is to build 1,800 watchtowers bristling with high-tech sensors as part of an \$8 billion (£4.25 billion) programme to secure its borders against illegal migrants. The towers will form the centrepiece of a network to be constructed by the aerospace company Boeing along the 5,000 miles of border with Mexico and Canada. Each watchtower will be equipped with an array of equipment including cameras which can zoom in on suspicious movements then transmit live video to border agents with handheld computers. Some of the watchtowers will be on permanent sites and some will be portable. Unmanned aerial drones launched from the back of border patrol vehicles will also be deployed, as will motion sensors. 'Nothing like this has been done before. Not so much because of the technology that will be used, but because of the political atmosphere, geography, topography and large scope of the project,' Boeing's Wayne Esser said.America has been spending huge sums of money to secure its borders since the September 11 attacks exposed serious flaws in its defences. More than a million Hispanic illegal migrants enter the country every year and now total at least 11 million. American officials fear that terrorists could hide among the human tide".

Well, I can see why they would want to secure the frontier with Mexico but I was surprised to read that the border with Canada is also going to be beefed up. This means that one of those questions which regularly turns up in pub quizzes and Trivial Pursuit will no longer be true, namely, "Question, which is the longest undefended border in the world? Answer, the one between the United States of America and Canada". No longer the case, evidently. And wait a minute - the Yanks have been here before! All this sounds vaguely familiar. This is, surely, a domestic version of the "McNamara Line", named for Secretary of Defense Robert McNamara, which a previous generation of Americans built along the De-Militarized Zone between North and South Vietnam way, way back, round about 1966. Taking down from the bookshelf my copy of "The Illustrated History of The Vietnam War, Gadget Warfare", by F. Clinton Berry, Jr. and turning to page 62 there is a description of the McNamara Line, all sorts of what was considered as whizzo technology in the 60's, including seismic and infrared detectors, radar, xenon searchlights, all kinds of stuff. And, in the light of subsequent history, it didn't work.

Seems like the idea of securing borders is catching on; from the Peter McKay column in the *Daily Mail* of 2-October, "Saudi Arabia is building a high-tech 550 mile double fence costing an estimated £13 billion because they fear 'very nasty people' coming across the border from nightmarishly violent, neighbouring Iraq. Wasn't necessary, apparently, during the peacable-by-comparison regime of Saddam."

No secure borders for us Brits, though. With the continued expansion of the European Union ever eastward our borders remain wide open with hundreds of thousands of migrants from the basket case economies of the former Soviet Block, countries with which we have no historical, cultural or linguistic ties, permitted to enter Britain to provide cheap labour for a whole range of service industries and increasingly in such spheres of employment as the building and construction trades with British working men starting to feel the pinch as they are replaced by East Europeans who will work for half or even a third of the hitherto established rate for the job. In the New Year we have the prospect of two more post-Communist, reportedly corrupt nations, Bulgaria and Romania, joining the EU and there are regular stories in the press that several hundred thousands of their citizens intend to come to the UK. And it doesn't end there; plans for Turkey to become a full member of the EU are said to be well advanced and I heard one of BLiar's mob on a news programme a while back gushing with great enthusiasm at the forthcoming entry of Bulgaria and Romania finish off with a great flourish, "And then we must pull out all the stops to bring Albania into both NATO and the EU". Ye Gods! *Albania* in the EU! There are from time to time stories in the papers about the Albanian thugs who have already established their criminal empires in the UK, they are said to run the vice trade in the Soho district of London with a viciousness and level of violence such that even the police are scared of them and which makes the Kray Twins, the pair of home-grown gangsters who controlled that part of the nation's capital in the early sixties, look like a couple of choirboys by comparison.

Signs and Portents;- I've heard it said that back in the days of the Cold War, Soviet agents in London had a regular checklist of items to keep an eye on because they might provide an indication of forthcoming military action. For example, they would casually stroll past the Foreign Office and Ministry of Defence buildings late at night and look upwards to see how many lights were on. Evidence of large numbers of personnel working outside normal office hours might mean that something important was about to happen. Or they would keep a wary eye on regional blood banks, any sign of large quantities of blood packs being transported to hospitals, especially those close to military bases might mean that the treatment of casualties from some undertaking was being prepared for. I can offer an observation of my own which may - or may not - have some greater significance, namely the absence of the smaller size cans of corned beef from the supermarket shelves, that is the 198 gramme size, two or three brands usually available, all of South American origin, have completely vanished from my part of the world and no-one seems to know why! It is not unusual for a commodity to be unavailable for perhaps a day, two at the most, until new stocks arrive and the supermarket shelves are replenished but I haven't seen the small size cans of corned beef on sale since early September. The retailer I normally visit has a put a sign up saying, "Temporarily unavailable" on the shelf where the Fray Bentos should be. So I wondered, have the government been busy buying up all the corned beef for use by the army in their ration packs in the next great adventure in the Middle East? I discussed this with an acquaintance with recent connections to the forces but the suggestion was met with derision because, as he put it, although "bully beef" sustained Tommy Atkins in two world wars and a few other wars besides, these days he dines upon pre-prepared MREs, i.e. "Meals, Ready to Eat". Well, maybe. Incidentally, there has been no shortage of the other canned meat favourite, Spam; but we wouldn't expect anyone to be so insensitive as to take a pork-based product into an Islamic country, would we?

[And there am I still checking under the odd Corned Beef can for the words of rejection: 'Produce of Argentina,' A throw back to 1982].

Thanks Peter – excellent stuff as ever. Now onto the offerings from a variety of readers.....

BBC programming, Spooks and current events:

The TV licence stands at £131.50 – what a con. You need one of these to actually own a TV and anything else capable of receiving TV signals. There is no get out from that. But, contact the BBC who are funded from this entertainment tax – soon to rise beyond £160 – and tell them all the repeat programmes, the American crap and films from the Golden Age of Euston Films or Hollywood are rotten and you are told, "The Licence Fee permits you own a TV and has nothing to do with the programming."

It was refreshing to be able to view 'Blackbeard' for a couple of Sundays – entertainment and educational. Then came Spooks on 17/09 on BBC1 [with the next episode on BBC3].

Those of you who have followed Spooks will be aware of the 'newsy' content of the storylines. Well the first two episodes dealt with a 'coup' within HMG – even Mrs PLondon remarked that the 'Chancellor' had more than a passing similarity to RtHon Gordon Brown.

The wheeling and dealing by a variety of members of the cabinet was interesting as shady operatives [where they MI6/SAS/Rent-a-Thug or what?] made havoc.

The sad part was that the gentle and techno-orientated Colin was targeted by these two morons who chased and hanged him. PLondon received a txt message from his eldest daughter who complained drastically about it. PLondon felt disgusted himself – and this is only a TV programme – mind you the sight of Colin hanging there brought back unwanted memories of a discovery he had made whilst on a search years ago.

Well things were manipulated by MI6 [who had a blonde bint playing a cold hearted operative whose Dad was one of the conspirators] and MI5 who had a photogenic lad beaten up, hooded and slung in the back of a van. Harry was arrested and banged up, an assassination attempt was made on the

life of the Home Secretary and so on. All exciting stuff! Then we see a lefty type female Human Rights lawyer being banged up along with Harry. "You can't do this to me – what's your name? Get me your superior we'll get this sorted out immediately!" was her cry. Well, how we laughed in our household when the thug, Jensen/Jenner or what ever his name was, ups and punches her in the face and declares, "I've always wanted to do that!" and I'll bet lots of the viewing public thought that too.

Anyway on Sunday 10/09 in the News of the World an article appeared telling the world about the SBS-1 [which all readers of Monitoring Monthly will be well aware of] and of its capabilities as a terrorist weapon. What do we get on Spooks seen Monday 18/09 – a take over at the air traffic control centre [not West Drayton – but West Merton.PLondon and Son laughed at that one] and a display that was loosely 'SBS-1'. Either the 'NoftheW' had already seen the episode or the story has an element of truth about it. Their reporter for that one didn't even have to 'make my excuses and leave.'



Since we penned the bit about the News of the World's 10/09 piece 'Over the Counter Killer' [right] radio mags have come and gone. It was with some amusement that I opened the pages of the November issue of RU to find a piece on 'How to combat airborne terrorism and near misses.' An interesting read but a slip of the thumb took me to the usual style of ML&S ad and the SBS advert [still only £499 inc vat] and then on to 'The SBS Files' where the author immediately states [and correctly too] 'that it was indeed only a matter of time before some tabloid put a terrorist slant on the SBS-1 system.'

One shouldn't immediately dismiss the usefulness of the SBS-1 to a terror cell as one of RU's authors did in his letter on the 'Feedback' page, anymore than say, discounting a demonstration Very round seriously damaging a Police Car.

One has apparently already happened – think how the SBS-1 could be useful to a terror cell if it needed to know the position of an aircraft - especially as world wide info is freely available as updates.

Well, the gallant Zaf gets into ATC and whilst he is attempting to pulp the thug Jensen/Jenner or what ever his name was, security turns up and stops the state sponsored inter-agency pugilistic experience. Later you get to see Zaf turn up with a baseball bat [Any item Made, Adapted or Intended] and knacker the thug, Jensen/Jenner or what ever his name was, with a couple of well placed strikes to joint areas [hit in the red zone do]. Then as things demo-wise kick off we see police let off a round or several into a crowd [that'll never happen] and some female scouser, with accent, saying to a policeman 'Shoot me, go on shoot me.' With the boat race and gob she had he would have been justified giving her a demonstration of the double tap. Anyway, all's well that ends well. The tide is turned after the leader of the plot tries to immolate Harry and the lefty Human Rights type [who MalF and KW reckoned reminded them of Ms Chakrabati]. Well, smarm boy Adam gives matters a quick thought and starts the sprinkler system to negate the ignition of the high octane accelerant by the baddies' zippo. What about igniting the flammable vapour? We hear you cry – what do you expect – it's TV! The perpetrator of this horrible plan to overthrow HMG is banged up in the same cell that he had placed Harry in. He was left with his belt which he used to good effect to hang himself.

The we return to a meeting of Adam [Smarm boy] and Ros [Ice Maiden] – on another Millenium failure – and he asks her to work for MI5 [What a surprise; his Mrs got popped last time].

Well they worked quick – her Developed Vetting was over in a matter of minutes because she was up and serving – on the Grid – within twenty five minutes on BBC3. What happened to 8 Months wait and the mention of 'Holborn'?

The third episode featured a hapless group of al-Qaeda terrorists readying to let off a thermobaric device in the city. Not so – Zaf has gone undercover and sets about sorting things out., aided by Smarm boy and Ice Maiden. In the background Harry goes after Ruth [ex-GCHQ] as a partner but is shunned as rumours go around about a single liaison [the way it was going around you'd think that Harry was bedding Christine Keeler and Mandy Rice-Davies whilst giving details of the BBC Script to the then Russian Naval attaché Ivanov].

Well with a little direct assistance and interference by the Ice Maiden Ros one of the terrorists, who once served in ITV's 'The Bill' as an apparently gay policeman, is turned by his ex-girlfriend. 'What's your sex life like?' 'You're a bit forward, is your own life so bare?' 'No, it's the price I have to pay for looking after the security of people like you and this Nation.' © What she should have said Was, 'What do you expect when you're gifted with a boat race like mine?'

Anyway, the situation develops where the thermobaric device is put in a van and driven by Zaf and the ex-pc into the centre of the City. But, there's been some skullduggery. The ex-pc's ex-girlfriend is stabbed by the cell leader and the van, meant to be left on ground assigned [nice phrase there you official bods reading this], with a timer giving 30 mins grace to allow Zaf and his turned mate to make their getaway. Of course a third unknown terrorist lurks nearby with a – wait for it – IR device to trigger the bomb. Well Smarm boy is in close proximity and takes charge of the events as armed personnel [police or the 'det' – you tell us?] follow at a discrete distance. He can't even see the bloke with the trigger and he's being asked for permission to fire. Eventually it's done and the trigger wallah drops to the deck riddled with more holes than a tea bag.

What we didn't see was the outcome of this bloke being taken out on the streets of London. Wonder if he was an overstayer? Did his family come here and constantly rattle on about human rights of their son knowing full well that anyone doing the same thing in their country, where street urchins are reported as being killed, would disappear courtesy of those who do that work?

There was no discussion about the personnel used and certainly no mention of MOSSAD being active on British Streets – but see later. All this in just three days of BBC programming.

Then, the very next day at 1830 we get to see Ben Fogle bashing about in 'Extreme Dreams' where he and a mixed party make their way through the Guyanese Jungle to discover the Kaieteur Falls [the world's highest single drop].

These intrepid lot tackle jungle, insects, and complain about the rain. [It's tropical rain forest you burks]. We see them swimming across a river at night and sod off quick when they have an emergency wake-up due to a run of 200/300 wild pigs – they take refuge on the river. Personally I would have been up the nearest tree. There is one irritating member of the group and the PLondon household takes time off mocking the programme to mock him and his stock phrase of "I'm going home, I've had enough." and he is, to all purpose in the middle of nowhere. [The Whelk should try mixing concrete and carrying aggregate across unmade ground whilst in Guyana, then returning to his digs knackered and burnt and having to carry water because the well has failed. The bloke's a big woman's blouse!]

*The programme depicts the group tabbing across jungle and river to eventually be rewarded with the view that has appeared in Soldier Magazine [front cover once complete with a Jock playing the pipes] and that is reminiscent of the opening scene of 'The Mission' where a Jesuit meets an untimely death. However, what t'Fogle's Chindits really did – if the film follows through without having been spliced, was to fly from Ogle airport and land at the Kaieteur Airstrip – you actually see them sitting in the shelter there prior to setting off and its only a two mile walk up the track to the falls [the fare at time of writing Ogle / Kaieteur US\$180.00]. They will have tabbed around a series of nearby Amerindian villages and crossed the same river or lesser tributaries more than once. Group members fear coming across a python or piranha but with the noise they are making even the local humans are probably fleeing the immediate area. If they did encounter the constricting reptile there are sufficient there to sort it out**

What they actually need to fear and hope they do not cross is the Bushmaster snake. Get bitten by that and it's a case of shake hands and say goodbye. The Bushmaster (*Lachesis muta*) is aptly named in Latin - as the "silent bringer of death." In the main and end titles we get to see another snake, the Parrot Snake and also venomous. [In fact in Guyana everything not human bites, stings, crushes or has some other anti social trait]. Well, it's decent viewing for the masses.



Burning sugar cane stubble – view from Leonora West Coast, towards Grove East Bank Demerara, Guyana –as seen by PLondon – who doesn't need a guide - August 2006. Ben Fogle eat your heart out!

*Imagine a scene in a sleepy village on the west bank of the Demerara. The odd car drives along the public road, children play and the adult folk go about their business. The road has a drainage trench either side of the road, where before pollution came small fiddler crabs and fish could be seen. [The candle fly, marabunta solitary wasp and 5o'clock beetle seem to have gone too].

A 15 ft python lollops itself out of one trench and wriggles its way across the road in full view of the village. No doubt alerted by the children playing a loan adult appears with a cutlass and strikes the reptile across the back of the head, almost, but not quite severing it from the long wriggly bit.

Well, the snake doesn't like it, not one bit. A dog or two have appeared and look at this writhing bloody mess that is decorating the crown of the road just in time to see a car come down the road. The car slows down and the driver aligns it with the snake and runs it over. The snake doesn't care for that either and writhes even more only for the driver to stop and reverse back over the snake, change down and drive over it a third time.

Well our snake friend has had enough and out of spite, it bursts under the weight of the cars rear wheels. Enter bloke with cutlass again; this time his aim is true and the reptile's bonce is severed and along with the now unfunctioning body and offle is kicked into the trench; no doubt to be washed away when the kokers are opened. The dogs have a different idea and leap into the trench where, in knee deep foul water they feed on the *possibly* dead snake. And Ben Fogle kept on about pythons ad infinitum.

In Guyana, in 1989 PLondon recalls the cables from the floating [the world's longest at well over a mile] Georgetown Harbour Bridge which were totted and turned up in a Trinidad scrap yard along with some roadlights and the lighting cables and lights from Timheri airport. Now, in Birmingham UK [sorry Alabama] 35700 telephone subscribers were literally cut off when burglars cut through cables whilst entering a sorting office. However, nothing was taken!



View across Georgetown Harbour Bridge Looking from Georgetown side to WB Demerara. Well over a mile – measure it on Google Earth.

Anyway, back to Spooks.

Episode 4 – an African fair trade summit in a hotel, a bit of skullduggery by the Americans [surprise] and an attempted assassination which originally stopped by our Box 500 heroes is allowed to go ahead to scupper American plans. Smarmy Adam is seen holding the female assassin as she is slotted – I immediately wanted to know why the round didn't pass through the assassin and into Mr Smarm. Anyways all's well that ends well. Back at Great Queen Street oops – sorry, Thames House we see Ros, the ice maiden, be told that her father is going down for 25 years and then she argues with Harry Pearce, her governor. Next time we see gentle Ruth holding someone who she has encased in a plastic bag a la 'Killing Fields' style. Watch this space for more misdescription...

Episode 5. Ruth Evershed [who remembers Evershed and Vignoles?] is given a tenner from a bloke she doesn't know as he looks for change at an underground station. She tries to give the bloke some change and he legs it – throwing himself in front of a train. Did you know that the pit under the central rail – prolific on the Piccadilly Line – is called the suicide pit and designed to collect the stiffies after the close encounter with the train? Anyway this bloke is the Governor of a Prison where some skullduggery has gone on. In fact seven terror suspects, reported as dead, were removed under cover of a fire – proven by Russian Satellite Imagery. Ruth is stitched up as being a murderess and an internal struggle ensues where we see Ruth eventually disappear via a Thames Lighter [barge] after raising the stakes somewhat by threatening a witness – bag over the bonce; pistol in mouth and 'Keep your mouth shut, you have no idea what you have got yourself into' type threat.

Harry goes to lunch with Oliver Mace a minister [I think] at a swizz club – actually 1 Whitehall Place where PLondon and MalcF have been known to frequent – and the gallant H, trying to defend Ruth goes all out to piss OM off bigtime. Things really take off from there and it later turns out – after Ruth leaves – that the seven terror suspects are very much alive and in Egypt being ‘persuaded’ to give up their secrets.

First Colin went, now the gentle Ruth. How’s about doing the series a favour and getting shot of ice-queen Ros and flashback smarm boy, Adam Carter? Incidentally, Offa – mentioned by Ruth when she finds the drop referring to the HMP Cotterdam fire was an Anglo Saxon King circa 785AD and was thought to have at least embraced Muslim ideals, if not converted to Islam.

Episode 6. Flashback smarm boy, Adam Carter reveals all to his live in nanny before slipping her the benefit of his manhood. ‘I work for HM’s Security Services – I’m a spy.’ Anyway, Britain is brokering a nuclear power agreement with Saudi Arabia and terrorism rears its head – what again? One of the Saudi Princes involved has links with al-Qaeda and our Spooks go all out to negate any threat. Smarm boy chases a very clever terrorist who tops a lead with a round through the bonce. [Not good make up – last close range round to the head I saw blew the targets brains across a sofa and all up the wall behind him]. The terrorist is very clever because you see him talking to a traitor [at MI5 who downloaded a hitlist] on a Thuraya satellite phone whilst under the water line and inside a barge. Oh, forgot. The shape of the hull, his height from the desk and its construction make it a passive reflector bettering that of a cassegrain reflector but only by nature of editorial licence.

Anyway the double agent works for MI6 and with a bit of luck will top smarm boy and Ros – who gets her see through top off [don’t bother looking says DoK] before getting topped by smarmboy’s replacement.

We may have a replacement for Ruth in the offing as the clerk who was seen doing a database search and who was targeted with an obvious ‘balls baffles brains’ approach.

Anyway the summit, in a hotel goes forward and its just underway when our terror mates strike..... Before that, suicide bombers were negated but were found to be carrying putty rather than something a little more reactive.

Same channel, we have Episode 7: Hostages taken and the rogue MI6 officer tipping off the terrorists with his highly encrypted Thuraya satphone that GCHQ cannot do anything with. And used on the roof of Thames House. [What about d’fing the sources and the traffic duration you bozos – what about sending PLondon one of your china mugs embalmed with the GCHQ emblem you see in the display case in the Canteen at Cheltenham]? Anyway he tops Sally Bernhard who we thought would replace Ruth thus preventing her blowing the whistle on him.

In the Saudi Trade Mission the terrorists are topping hostage on the hour with a shot to the bonce. No blood, brains or shattered bones on the wall opposite the victim. Ros was at loose but Neil Stermin notified the Terrorists who it now seems are actually Mossad – no E10 sending here – and the Thuras are working through the walls of the building again.

Well all being all the Special Forces are readied at the same time Neil Stirnin is discovered. Not wanting to be caught he bites the KCN [potassium cyanide] loaded pencil off and waits for the poison to do its work. Then SF go in – all hostage takers killed except one who smarm boy Adan Carter sorts out. The hostage takers were Israelis indeed, hellbent on stopping the Arabs getting nuclear power. At the end you see the Terrorist [disowned by the four wheel skids] wearing an orange jump suit being transported to Camp X-Ray by some Septic ‘soldiers.’

So where did this excellent storyline come from? On 26th July 1994 the Israeli Embassy in London was blown up. Four persons were originally arrested but only two were charged and are now in prison and a campaign is underway to get an appeal lodged. [Research Samar Alami and Jawad Botmeh <http://www.freesaj.org.uk/>]

A senior manager in MI5’s G9A has apparently stated the Israelis did the deed themselves. This theory has been reprinted in Annie Machon’s book ‘Spies, Lies and Whistleblowers’ as well as stated in Justice Denied. Then there was the theory that bombers were engaged by MOSSAD during the events of 07/07 on the streets of London and denied out of hand by newsreaders and others. But exactly where does one separate truth from fiction?

One might ask the same as we watch the gripping episode 8. Easily the most engaging storyline on British TV. The story features a Christian extremist group with the name ‘Sons of Phineas.’ If you actually want to learn a bit about Phineas you need do no more than pick up a Bible from somewhere and take a squint at 1Samuel Ch 1-8. [There is also the Greek Phineas – condemned to have a banquet laid before him daily – only to be eaten by the harpy; winged women who scold and remove the food wholesale. The matter is sorted out by Jason and the Argonauts during their quest to find the Golden Fleece].

Anyway The Christian Extremeist Group is led by one Stephen Payton, a veritable unhinged [a nutter] who recruits ex-servicemen – there’s your chance DoK – counsels them for addiction, converts them to Christianity and unleashes them on the enemies of Christ; in this case, Muslims. The Bishop of Whitechapel is advising Payton on targets and two prolific Muslims are topped along with a few casualties. Enter Smarm Boy and Ice Queen. Well they do their job but the best bit is the involvement of a team of Mossad operatives [and the prog could have been so much better with a bit of E10 being mixed in] who not only top Payton but almost get to shoot Smarm Boy who is having a major malfunction. Once again all well that ends well but the Bishop of Whitechapel was himself being advised via the PM’s Lawyer and that has yet to be resolved.

In one scene we get to see Smarm boy phoning home, Call sign is ‘Echo Lima 714’ patch me through! I always thought it was code names – such as Baby Bunting, or whatever..... Also a mentioned Group were the ‘League if Christ; who were specially set up by MI5 to bankroll the activities of the ‘Sons of Phineas.’ Anyone know if there is a Yahoo Group? ©

As an aside to the "What a conversation" & Hezbollah" on p47 NL36

Over the Bank Holiday weekend I managed to get to the International Food Fair held on Cardiff dockside and as is my want I leave it until an hour or so before closing to buy and then haggle vigorously. Some hand pressed Lebanese Olive Oil caught my eye - but not at his asking price, the seller was a Lebanese Christian.

To cut a long story a bit shorter the whole haggling process was further driven by the animated involvement of the Turkish Kurd dried fruit seller from the stall to the left, who had once lived in Palestine, a fellow customer(ess) of Iranian roots who had lived in Palestine but fled to Lebanon and then on to Jordan who was visiting family in Cardiff, and finally after listening in with interest the the Jewelry seller from the stall on the right - a Jew.

This was too good an opportunity for yours truly to miss out on - getting the opinions of "real people" who work hard to support their families so the conversation was steered carefully towards the current Mid East problems.

I was more or less expecting the "entrenched positions" that the media feeds us to be reiterated - how wrong I was. What took less than 2 minutes to be totally agreed by all of them, I now being relegated to almost an observer status, was :-

The politicos should keep their mouths shut.
 The extremists & bandits(their words) crawl into a hole and stay there.
 Let the working people sort it out themselves - they'd do it in a month.
 All they want is peace and quiet to get on with their lives and look after their families.

Well I couldn't quarrel with any of that interpretation of events.

As to the shopping I did quite well :-

- 1 litre oil = £1
- 1 kilo mixed dried fruits = £1
- 1 Silver (hallmarked) magnetic bracelet for "her majs" arthritis 80% off.

I invite to reconvene next year for a "review meeting"

Makes you think what our politicians eat for breakfast, it certainly ain't cornflakes. ML[Tnx]

This makes for very interesting reading indeed:

<http://yorkshire-ranter.blogspot.com/2006/10/tony-blair-chopper.html>

and thanks to the anon member who sent it up!

UFO Sighted

A short piece in the Croydon Guardian dated 15/09 described the sighting of a UFO and the solving of the apparent mystery by a wedding guest. What was of greater interest was the statement from the pair who originally spotted it, "The pair, who insisted they were not nutters, claim they saw six red lights moving slowly in an inverted V shape with a long tail."

Interesting Article on Newsday that cries out to be read out in full

AITA SHAAB, Lebanon -- Hezbollah guerrillas were able to hack into Israeli radio communications during last month's battles in south Lebanon, an intelligence breakthrough that helped them thwart Israeli tank assaults, according to Hezbollah and Lebanese officials.

Using technology most likely supplied by Iran, special Hezbollah teams monitored the constantly changing radio frequencies of Israeli troops on the ground. That gave guerrillas a picture of Israeli movements, casualty reports and supply routes. It also allowed Hezbollah anti-tank units to more effectively target advancing Israeli armor, according to the officials.

<http://www.newsday.com/news/printedition/stories/ny-wocode184896831sep18.0.7091966.print.story>

You should not discuss your application with anyone: Metro Monday October 2, 2006 [Page 44] and there's even more.....

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MI6 The world's intelligence

'Careers' Times supplement 12/10 page 3 had a piece entitled 'Spies don't stand out in a crowd' which related the story of 'Anna' who as a graduate received a tap on the shoulder from an academic at Oxford [where she took her language degree] and said 'Yes'. This work, we read, is enormously important. It's satisfying going home at the end of the day knowing that you've done something very important.

Then at the bottom of page 5 is an advert for SIS - MI6 - that starts 'My name's Sarah and I'm an Operational Officer. I did the usual stuff to begin with - a bit of traveling [here we go!] the degree - and I thought I'd end up in the City like my peers or stay in academia.

Another: 'It's true that world history is unfolding around me, but my own life is going on too.' From an operational officer.

They only accept applications from British citizens and applicants should not discuss their application with anyone. I'd bet even the cleaners there have degrees - they might do a better job if they employed a few rough types.

Often wonder when I go to my appraisal what the interviewing officer thinks when he asks, "How do you see your career progressing?" The answer he receives, every time, is, "Career - it's just a job." Wonder if he knows the proper meaning of NAAFI? No Ambition And F**k-all Interest, because it's all so very true.

Another advert, this time from 'The Economist', dated 02/09/06, was sent in by E for Operational Officers offering a variety of no happenings - No profit & loss, No take-overs, No bull markets and so on - 'Just a career that matters.' 'For a fresh challenge and the chance to make a lasting difference visit www.siscareers.gov.uk We only accept applications from British citizens. You should not discuss your application with anyone.' Didn't ask for a degree but doubtless you won't be accepted if you can't produce one [Wonder if they'll accept an HND? It's on a par with a 3].

In the same issue was a similar advert for ASIS – the Australian Secret Intelligence Service. This one asks you to ‘challenge yourself.’ For Intelligence Officers the salary range Aus\$58k to 78k – again, ‘All applications for employment with ASIS are handled in the strictest confidence. It is essential you maintain a similar level of confidentiality. It is preferable you do not discuss your interest in employment with ASIS with anyone at this stage.’

Again! In the same issue ‘Rebranding Germany’s spooks, ‘Your friendly local espionage service [Berlin]. The spies get ready for a new building and a new image.’

The piece illustrates how the BND who currently reside outside Munich in a series of buildings expect to get move into another by 2011. Bearing in mind what has been written above this short paragraph is more than interesting; “More important, of the institution’s 6000 employees a third are recent recruits, most of them hired on the open market rather than secretly commandeered through an old-boys’ network. The agency’s leadership and analysis units have already been moved to Berlin.

And guess what – the Croydon Guardian 25/10 page 49MI5 The Security Service Administrative AssistantsssssHHHH : from £16250 according to experience + benefits, Central London. ...and 6 months to process. Don’t forget, limit those who you tell about your application: partner and/or immediate family.

Secret Communication Facility

Inteq has been named as a preferred bidder for the Ministry of Defence’s new communication centre at Corsham Wiltshire. Interserve will provide management facilities management services worth £180m over the 25 year operational period of the project.

Special Branch.

The Special Branch was originally formed in 1833 to tackle Fenian Terrorism and originally named Metropolitan Police Special Irish Branch. The SB has been involved in many spy cases and is known for liaising with our security services. It is interesting to note that only officers with the rank of Inspector and above can actually communicate with MI5 officers.

Anyway, with the changing threat – no doubt from Reds Under the Beds to al-Qaeda behind every lamppost – The SB, C12 as was, lastly SO12 is now SO15, the counter terrorism command [Wow]!

SO15 is made up by the merger of S012 with the anti terrorist branch, as was C13 lastly SO13 and it is expected that more resources will be needed. The SB was known to have more degree qualified officers than any other section within the Met – not on the favoured enhanced promotion thanks to a degree in classics or archeology – no we are talking about BSc, BEng and suchlike and where the degrees are used to good effect.

No immediacy to Inspector for them within 3 years of joining, leaving all the experienced officers with little chance of promotion beyond Sgt even if they pass the exam and go for the few places left for the ordinary hard slogger.

From Daily Mail http://www.dailymail.co.uk/pages/live/articles/news/news.html?in_article_id=410436&in_page_id=1770

Exposed: How Government let Saddam round up 400 Britons
By DANIEL BOFFEY Last updated at 21:03pm on 14th October 2006

The Government allowed a passenger jet to land in Kuwait at the start of the first Gulf War - delivering nearly 400 Britons into Saddam Hussein's hands - so nine special agents could secretly enter the country, it is revealed today.

The men, women and children on a fuel-laden British Airways Boeing 747 were bombed on a Kuwaiti runway by the Iraqi air force before being split up and sent to 70 locations to act as human shields.

This allowed seven of the MI6 operatives to escape from the airport with their equipment as part of a top-secret intelligence gathering exercise, says journalist Stephen Davis.

In The Mail on Sunday's Live magazine, Mr Davis writes that both Margaret Thatcher and John Major subsequently covered up the fact that the invasion of Kuwait had begun four hours before the BA flight landed in the war zone on August 2, 1990 - and that every other flight had been cancelled.

During their four months in captivity some of the 376 passengers lived on starvation rations, women - and men - were raped and others suffered serious beatings.

The human shields' plight caught the public imagination after chilling images of Saddam stroking the hair of terrified five-year-old Stuart Lockwood were shown around the world.

Liberal Democrat MP Norman Baker will demand a public inquiry at a Press conference in the Commons tomorrow.

He said: "It is clear that the House was misled by Thatcher and Major, who both denied British personnel were on board the plane and denied they had any knowledge of the Iraqi threat to crew and passengers."

Jennifer Chappell, who spent her 13th birthday in captivity, said last night: "I am angry that they used us, that they let us fly knowing the danger they were putting us into."

The Foreign Office said: "The Government's position has already been outlined to Parliament and we have a long-standing policy of not discussing intelligence matters." From Daily Mail

UK's nuke secrets feared stolen in US: Report

London, Oct 29: Top secrets of Britain's 'trident' nuclear deterrent are feared stolen from a US base and two persons have been arrested in this connection, as intelligence sources warned that the data would be "priceless" to terror groups like al Qaeda, media reported on Sunday.

The Sunday Express tabloid claimed that the secrets disappeared from the high-security base in New Mexico.

CIA and FBI agents launched an inquiry after top-secret material was found under a mattress in a caravan near the base during a drugs raid, the report said.

Security services fear the material includes details of Britain's trident submarine-launched missiles, as well as other nuclear weapons.

Under a pact negotiated during the Cold War, British secrets are kept at the base. The caravan was used by a known dealer who sold drugs to staff at the base.

Shocked agents uncovered computer drives under the mattress. These were traced to a rogue woman technician at the complex. Both the technician and a drug dealer have been arrested in this connection.

Last night the director of the Los Alamos base, Michael Anastasio, said: "Unfortunately, my ability to discuss the details of this

matter is constrained due to the nature of the situation. What I can say is that this is a serious matter, and we are taking immediate steps to address it."

Senior British intelligence sources said the nuclear data would be "priceless to a terrorist group like al Qaeda".
Bureau Report <http://www.zeenews.com/znews/articles.asp?aid=332292&sid=wor>

From J6M

Govt plans to enlist the help of British Universities in the war against terrorism. <http://www.timesonline.co.uk/article/0,,3561-2410843.html>

So said the an article in The Times on Thurs 19/10/2006:

The Times October 19, 2006

Universities 'asked to act as spies for intelligence services'
By Alexandra Frean and Michael Evans

GOVERNMENT plans to enlist the help of British universities in the war against terrorism have been delayed after academics complained that they were being asked to spy for the British intelligence services.
The Foreign and Commonwealth Office (FCO) had invited 100 academics to bid for £1.3 million of funding for a research project entitled Combating Terrorism by Countering Radicalisation.

The project asked academics to "scope the growth in influence and membership of extremist Islamist groups in the past 20 years", to "name the key figures and groups" and to "understand the use of theological legitimisation for violence", according to documents seen by The Times Higher Education Supplement.

Yesterday the Economic and Social Research Council (ESRC), which was running the project with the Foreign Office and the Arts and Humanities Research Council, said that the project had been delayed.

"It has become clear that there were serious concerns among academics with the original specifications. We are now going to go back and consult with learned societies," a spokeswoman said.

Concerns had centred on the nature of the research and the secrecy surrounding it. Unlike other ESRC projects, the invitation to tender for funding was not published. Details were circulated only to selected academics.

John Gledhill, chairman of the Association of Social Anthropologists, welcomed the decision to delay the project. "It did appear to be encouraging researchers to identify subjects and groups involved with terrorism in a very person-specific way. That could be interpreted as encouraging researchers to become informers. Being seen as the spy of a foreign government is not a great position for a researcher to be working in in areas of the world that are torn by conflict," he said.

Martha Mundy, a reader in anthropology at the London School of Economics, said that there was an "overtly security-research agenda" to the project. It started from a "premise of a link between Islamism, radicalisation [nowhere defined] and terrorism", she said in a letter circulated to the association.

The ESRC denied that the project was intelligence-led.

The FCO, which was contributing £500,000 towards the project, denied that it was using academics as spies to help to counter terrorism. An official said: "Our No 1 priority is to make the world a safer place, and the threat from international terrorism is increasing. We need to look at the reasons why someone from Bradford turns into a suicide bomber and blows up innocent people." [From the Times]

Anti hacking expertise

BT has purchased a specialist anti-hacking firm, CIS, from California US. It was originally formed by Bruce Schneier.

From Flavio - about Embassies.....

I am sure most of you know all about this, but I just wanted to give you some very simple information on some embassy transmission / cyphers (I used to be a diplomat):

All those who mentioned "one-key pads" are right. Of course, people rarely use a read "pad". Usually we get a disc through the diplomatic pouch - or, for more safety, with someone sent from the Ministry just to carry the disc (thus, of course, giving someone at communications the opportunity to have a free trip somewhere and get paid for it :-). This disc has the keys for every day, for let's say, three months, and for the various levels of secrecy (restricted - confidential - secret - top secret - top secret only for the head of mission).

The communications' computer is fed the disc and then it can decypher the messages. It receives the messages by connecting to a server (often just through the phone line) and it sends messages in the same way.

Unfortunately, not all embassies are in nice places like London and Paris :-)) so sometimes telephone lines are awful (I remember once we were connecting at 300 baud!). In that case we can use satellite connections, or, if really everything else fails, real cables - people would actually go to the post office and send a telegram in the classic five letter groups (GSDSF TADFR SDGRT etc.). In very old days (ie the 1930's, 40's, there would actually be big code book used to decypher the messages).

Using shortwave and amateur radio is certainly much easier under harsh conditions , that's why I think that the transmissions are not only directed to agents in the field, but even routine communication with embassies, consulates, commercial missions, anything.

If using a code book (ie a collection of one-time-pads), then probably the message would be composed of [receiver identifier] [page] [message], but these could be within the five-letter groups, eg the first three could be the receiver, the second two the page. I think I read here that E10 has a varying "call sign" - perhaps that identifies who will receive the message.

[*Plondon got to see the Wireless installation at the East German Embassy, London. What a beast. 1kW op no problem and it could be remotely controlled, act as a repeater, beacon, standalone and the antenna bp filters were the size of small dustbins.*]

Thanks Flavio – good stuff.

Post Office Services - Royal Mail.....

Read an interesting storyline concerning a father who went to post a parcel to his son, a serving soldier, via a BFPO address. [British Forces Post Office]. On seeing the address the bloke behind the counter refused to serve the customer, informing him that anyone receiving similarly addressed mail should be put against a wall and shot.

As you can imagine the customer went ballistic and demanded to see the assistant's boss. The counter assistant was immediately told to leave the premises and return after the weekend. It would appear that was not the first time the assistant had voiced such thoughts and wishes to persons using the BFPO postage facility.

It occurred to me that the vacant look and the inability to help I received a few years back when posting some stuff out to my mate in East Timor may not have been the inexperience that I thought it was. The bloke denied the existence of the BFPO and suggested I paid full rates after addressing the parcel correctly! I saw his supervisor, who I knew from the train I go home on and it was soon rectified.

Ever get the feeling that Great Britain PLC has seen its day.

Who remembers 'Forces Favourites' then?

"And Hello Gunner Smith in BFPO655! You've been away chasing penguins and sheep for nearly two years now and loving wife Sandra sends her love. She says she looks forward to showing you your newly born daughter.....and now it's that special record for distant lovers.....'We'll meet again....."

"In Britain it's 12 o'clock and in Germany it's 1 o'clock and hello Cliff Michelmore.....' [I had a record played on there - some wag asked for the theme tune from 'Davy Crockett'. He didn't know his father you see.....].

HJH's E2K WATCH.

HI TECH MEETS LOW TECH

And no form of technology can have been more low tech than that which was employed by a gang of Kuala Lumpur car thieves in their system for passing the Vehicle immobilisation system in the Mercedes which they had targeted for theft in that city. They could expect to get US\$ 75,000 on the local market for a car of this type. This is due mainly to the import duties levied on this type of car.

Mr. K Kumaran was about to get into his Mercedes, which he had parked in a Kuala Lumpur suburb. Before he could do so, the gang of 4 men ran him down in a small car.

The gang, all of whom were armed with machetes, then demanded (and got) the keys to their victim's Mercedes. The vehicle concerned was fitted with an immobiliser which could only be deactivated by fingerprint identification. Having forced Mr. Kumaran to place his finger on the immobiliser control panel, they started the car and drove off, having forced the unfortunate car owner into the vehicle's back seat. This, presumably, adds kidnapping to the gang's crimes.

The gang evidently had their eye on the car spare parts market, because they parked up to strip the vehicle. The trouble started when the gang failed again to start the vehicle, because of the immobiliser. They then cut the end of the unfortunate Mr. Kumaran's index finger off. Not content with this, they stripped him naked and dumped him at a roadside, before making their escape.

Local police say that they suspect this gang of a string of related crimes in this area.

Your scribe, being blessed with the kind of prophetic abilities which only a lifetime of eating out of skips and ashtrays in the lowest dives and corners of our once great empire, (that's the realm, NOT the local movie palace, guys!) can bestow, sees all manner of like crimes appearing here, given the current apparent open door policy this joke government has inflicted upon us, allowing the dregs of everyone else's society to wash up on our shores.

LUNATICS. DO THEY DWELL IN ASYLUMS OR RUN THEM?

A question which you, the no nonsense, down to earth, street wise, E2K readers, can be forgiven for asking, faced with the drivel the author is now about to relay to you.

A major in the German Armed Forces, (Bundeswehr) was employed on IT duties. Not the most risky of employments, or one which would cause many people a crisis of conscience, one would think. But just one cotton pickin' minute there bud! The said major was tasked with working on software which he thought could be used in the war against Iraq. (What do you mean, Smith Minor, which one? Pay attention!) On demanding from his senior officers an assurance that this software would not be used against the poor unfortunates in Saadams' regime, upon being rebuffed, he refused to carry out his duties. (Refusing to soldier, was, the author believes, the British Army term.) Rightly and justifiably, the German Armed Forces demoted him and dismissed him from the German Armed Forces. Said major then sought legal redress, and obviously had the great good fortune to draw a panel of judges who obviously have access to a TARDIS (Ask Paul Effendi what that is, or watch a lot more cable TV!)

Said judges obviously have overdosed on Laughing Tobacco, or have their heads so far up their arses as to have not noticed that reality is the flavour of the 21st Century.

Peace and love brother may have been great in the 60s and 70s (Not that either was much in evidence in Aden, Borneo, or Bogside!!!) but 9/11 and the recent rerun in London of same event kicked all that into touch! [With Bogside or Creggan accent 'And no f...ing surrender].

Be that as it may, these judges AGREED with the major. It was held that he was guaranteed "freedom of conscience." (Wonder what that is, and can one get it at Tesco? Either way, no politician in Blair's army has it, neither, this author will wager, can they even define it!) Still, what else can one expect from a military authority which will allow the wearing by male armed forces personnel, of mullets, long hair, and pony tails?

As the scribe sees all the aggrieved reaching for keyboards and pens (nothing wrong with snail mail!) let me stress that this is NOT a German bashing session. The surname and ancestry of this author should be enough to disbar that. If that is not, my love of Germany and its people surely is. I have friends and relatives in that country to this day, and the answer is YES, they do agree with the author's opinion and sentiments on this and many other matters of current affairs with which this author will not bore the reader. These judges and politicians should, like countless other politicians and judges in ALL lands, descend from the fairy castles in which they dwell, and listen to the people. A good bucket of reality and common sense is long overdue being poured over such people! Germany is a nation which has rebuilt itself, and is in the process of healing itself, post unification. Any guilt over historical events is long since expunged, and should NOT be allowed to damage the morale of the Armed Forces on which they, and we, may someday rely for defence, indeed survival.

In conclusion, (who said about time?) let me pay tribute to my kind of guy, Ulrich Wegener, currently retired from the German Border Guard Forces, as, I believe, a colonel. If the rank is wrong, my apologies. No slight is intended.

As no doubt you know, this officer was tasked with the setting up, and training of, GSG9, the German Counter Terrorist unit formed in 1972, post Munich Olympics. This officer led the brilliant attack on the Lufthansa aircraft which had been hijacked by Palestinian terrorists, and landed at Mogadishu Airport. As well as this successful operation, he was an "observer" attached to the Israeli Forces who stormed Entebbe Airport to release the Israeli citizens who had been kidnapped by terrorists when an aircraft was hijacked. Now retired, he is an acknowledged expert in the field of counter terrorism, and is, as has been stated, very much this author's kind of guy. He is also one who goes a long way to redress the imbalance caused by the lunatic fringe who seem, currently, to be holding sway in the German political and legal system.

HJH. [Shukri effendi]

OPERATION JALLAA: Input [12] noted – thanks. Output [0] given. 2 Changes made. !!!!!

E: Thanks for your input - sorry about continuing QRE. Re Loops: See Issue 3 NL – homebrew. Also see Welbrook ads in press or: www.wellbrook.uk.com/products.html We have user members in E2k who recommend.

ENIGMA 2000 Group:

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

Frequency Details can be downloaded from:

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

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

RELEVANT WEB SITES

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

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

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

<http://www.timesonline.co.uk/article/0,,2087-2372471.00.html>

Wonder what the non-Muslims are getting for their part.....

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

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

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European Number Systems

English	zero	one	two	three	four	five	six	seven	eight	nine
Bulgarian	nul	edín	dva	tri	chétiri	pet	shest	sédem	ósem	dévet
French	zero	un	deux	trois	quatre	cinq	six	sept	huit	neuf
German[^]	null	eins	zwei	drei	vier	fünf	sechs	sieben	acht	neun
Spanish	zero	uno	dos	tres	cuatro	cinco	seis	siete	ocho	nueve
Czech	nula	jeden	dva	tr [^] i	chtyr [^] i	pět	shest	sedm	osm	devět
Polish	nula	jeden	dwa	trzy	cztery	pie,c'	szes'c'	siedem	osiem	dziewie,c'
Romanian	zero	unu	doi	trei	patru	cinci	s,ase	s,apte	opt	nouâ
Slovak*	nula	jeden	dva	tri	shtyri	pät'	shest'	sedem	osem	devät'
<i>* West</i>	nula	jeden	dva	try	shtyry	pet	shest	sedem	ossem	devat
<i>* East</i>	nula	jeden	dva	tri	shtyri	pejc	shesc	shedzem	osem	dzevec
Serbo-Croat	nula	jèdan	dvâ	trî	chétiri	pêt	shêst	sêdam	ôsam	dêve:t
Slovene	nula	ena	dva	tri	shtiri	pet	shest	sedem	osem	devet
Russian	null	odin	dva	tri	chety're	pyat'	shest'	sem'	vósem'	dévyat'

[^] Some German numerals have a radio accent. The numbers in question are:

2 ZWEI pronounced by some TXs, as TSWO .

5 FUNF some pronounce it as FUNUF.

9 NEUN pronounced by some as NEUGEN.

This is totally in keeping with some German armed forces stations and corresponds to our WUN, FOWER, FIFE, NINER

Arabic Numerals [E25 and V08]

English	zero	one	two	three	four	five	six	seven	eight	nine
	0	1	2	3	4	5	6	7	8	9
Arabic	sifr	wahid	itnien	talata	arba	khamsa	sitta	saba	tamanya	tissa

Numeral systems used on selected Slavic Stations

	S04*	S11 Presta	S11a Cherta	S10d	S17c
0	nuar	zero	nul	Nula*	Nula*
1	edna	yezinka	adinka	Jeden [^]	Jeden [^]
2	dvoytze	dvonta	dvoyka	dva	dva
3	tri	troika	troyka	tri '	tri '
4	chetyri	chidiri	chetyorka	shytri	shytri
5	pedartze	peyonta	petyorka	pyet	pyet
6	shest	shes	shest	shest	shest
7	sednitzer	sedm	syem	sedoom	sedoom
8	asem	osem	vosyem	Osoom~	Osoom~
9	devet	prunka	dyevyet	devyet	devyet

Notes:

- * Nula heard as nul
- [^] Jeden heard as yedinar
- ' Tri heard as 'she'
- ~ Osoom often heard as bosoom or vosoom.

***For S04:** 0 is Nuar 2 Should be Davouka 3 is Thuree .
The figure 8 Osem Sounds like Arthur
The figure 9 Devet Sounds like David.

E03 Lincolnshire Poacher Prediction Chart

GMT/UTC	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1200	A3	A3	A3	A3	A3	A3	A3
1300	A3	A3	A3	A3	A3	A3	A3
1400	B1	C1	A2	Y	A3	A3	C3
1500	D	B2	G1	A5	Z1	A3	D
1600	F1	D	B2	G2	C2	A4	D
1700	D	F6	D	A1	J1	A6	B2
1800	E2	E2	X	F5	A1	J1	A6
1900	F5	E2	F5	J2	F5	B2	J1
2000	E1	F5	E2	F5	F5	F5	F3
2100	X	F4	E2	E2	X	F5	F5
2200	J1	F2	E1	E2	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

E03a Cherry Ripe Prediction Chart

GMT/UTC	Freqs	Sun	Mon	Tues	Wed	Thu	Fri	Sat
0000	A		*	*	*	*	*	
0100	B		*	*	*	*	*	
0200	Z1		*	*	*	*	*	
0500	Z3		^	^	^	^	^	
0600	B3		^	^	^	^	^	
1000	C		*	*	*	*	*	
1100	D		*	*	*	*	*	
1200	B1		*	*	*	*	*	
1300	X		*	*	*	*	*	
2200	B2	*	*	*	*	*		
2300	B	*	*	*	*	*		

A: 14730 18865 B : 18864 21866 C: 20474 23461 X: 12590 14355
B1: 18864 23461
B2: 18864 24644 D: 23461 18864
B3: 18465 22645 Z1: 18065
Z3: 18570

Slots marked ^ are undergoing investigation from observers located in Australia/New Zealand

[Tnx FSNL for revision E03v9]

NEXT 3 CHARTS : M03/E11/S11a, then 'The Crazy World of 121' followed by the G06 Fixed Schedules from H-FD [tnx H-FD]

		mon	tue	wed	thu	fri	sat	sun	UTC	Fam	Sim	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ID for "/>		
x									0700	3	M03	4505	4958	4958	5082	5082	5082	5082	4958	4958	4505	4505	040	10/06		
	x								0730	3	M03	4840	4870	4870	5082	5082	5082	5082	4870	4870	4840	4840	041	09/06		
		x							0730	3	M03	8088	6941	6941	6797	6797	6797	6797	6941	6941	8088	8088	508	08/06		
			x			x			0730	3	M03	4909	6814	6814	6252	6252	6252	6252	6814	6814	4909	4909	040	10/06		
	x								0745	3	M03	11468 (486?)	10728	10728	10246	10246	10246	10246	10728	10728	11468 (486?)	11468 (486?)	503	09/06		
				x					0800	3	E11				7663	7663	7663	7663					232	08/06	since 03/04, former fqs: 10050, 10125	
						x			0800	3	M03	4909	4958	4958	6814	6814	6814	6814	4958	4958	4909	4909	041			
							x		0800	3	E11				8091	8091	8091	8091					232	01/06	since 04/04, former fqs: 11116, 11260	
							x		0800	3	M03	7377	8187	8187	9339	9339	9339	9339	8187	8187	7377	7377	624	09/06		
	x								0815	3	M03	4968	5082	5082	6814	6814	6814	6814	5082	5082	4968	4968	211	09/06		
		x							0830	3	E11				8544	8544	8544	8544					182	08/06	since 08/03 heard in 07/06 as M03	
					x				0845	3	M03	12660	12397	12397	12202	12202	12202	12202	12397	12397	12660	12660	503	10/06	since 02/06	
x									0900	3	M03	10210	7772	7772	7439	7439	7439	7439	7772	7772	10210	10210	976	10/06		
			x						0900	3	M03 S11A	9610	7377	7377	6524	6524	6524	6524	7377	7377	9610	9610	214 214/215	02/06 10/06		Has S11A taken over this M03 slot?
x	x	x	x	x	x	x	x		0915	3	M03 E11	7317	8196	8196	9376	9376	9376	9376	8196	8196	7317	7317	284	08/06 10/06		Has E11 taken over this M03 slot?
		x							0945	3	M03	5358	5815	5815	6252	6252	6252	6252	5815	5815	5358	5358	211	09/06		heard in 07/06 on 6552
					x				1000	3	M03	10384	8759	8759	7984	7984	7984	7984	8759	8759	10384	10384	976	09/06		
	x					x			1030	3	E11	7749	8759	8759	9610	9610	9610	9610	8759	8759	7749	7749	312	08/06		since 05/02 heard in 07/06 as M03
									1030	3	S11A				7377	7377	7377	7377	7984	7984			214/215	09/06		since 03/06 Repeat of 0900Z? since 06/05
			x						1100	3	E11	9339	9610	9610	9901	9901	9901	9901	9610	9610	9339	9339	186	10/06		
						x			1100	3	M03	9443	7984	7984	8759	8759	8759	8759	7984	7984	9443	9443	508	10/06		
							x		1200	3	E11	8544	9130	9130	10125	10125	10125	10125	9130	9130	8544	8544	187	08/06		since 08/04
	x					x			1230	3	E11	7439	8544	8544	9448	9448	9448	9448	8544	8544	7439	7439	312	10/06		since 07/01
	x								1300	3	E11	8088	8800	8800	9950	9950	9950	9950	8800	8800	8088	8088	183	08/06		former fq: 8033, until 10/02 Thu too
						x			1330	3	E11				9179	9179	9179	9179					182	08/06		since 08/05
x	x	x	x	x	x	x	x		1630	3	M03 E11	4181	6252	6252	7377	7377	7377	7377	6252	6252	4181	4181	287	08/06 10/06		heard in 07/06 at 1730Z on 7737 Has E11 taken over this M03 slot?
		x							2100	3	S11A		4016	4016	5358	5358	5358	5358			4016	4016	971	09/06		since 06/03 until 04/03 972

		mon	tue	wed	thu	fri	sat	sun	UTC	Fam	Stn	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ID for "/00"	Last Log	Remarks	
x									1830	3	M03			4009													
x	x		x				x		1830	3	M03			4073			4783										
x									1910	3	E11															4505 4,906 121/19	
			x		x				1910	3	M03					4909	4909										
					x				1910	3	M03					4073											
						x			1920	3	M03					4909											
		x							1930	3	M03					4009											
			x						1930	3	M03					4073											
			x		x				1940	3	M03						5176	5176									
					x				2000	3	M03					5176											
					x				2000	3	E11															4505 1,906 121/29	
		x							2025	3	E11															4114 121/15	
	x					x			2030	3	M03																
	x								2030	3	E11			4840 7.2.06 121/25													
			x						2030	3	E11			4840 9.2.06 121/25													
					x				2030	3	E11			5082 10.2.06 121/25													
	x								2100	3	E11																
		x							2100	3	E11			5082 8.2.06 121/27													
				x					2100	3	E11			5028 9.2.06 121/27													
					x				2100	3	E11			4840 10.2.06 121/25													

The Crazy World of "121"

Mon	tue	wed	thu	fri	sat	sun	UTC	Fam	Stn	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ID	Remarks
			x				1830	1a	G06	4519 271	5935 597 (ex 579)	5935	6887 842		5935 579	5935	4519/4529 271	5935	579	4519/4529 271	see left	since 05/01 fortnightly	
x	x						1900	1a	G06	5110	5455	6875	8055	10850	11120	10720	10540	8180	6865	5415	5190	308	1. Monday of the month, Tue repeat only in case of msg on Monday New: 01/05- Old: 02/02-12/04
				x			1930	1a	G06	4792 436	5442 947	5442 947	5934 218		5442 947	5442 947	4792 436	5442 947	5442 947	4792 436	see left	since 04/01 fortnightly repeat of Thu 1830Z	
x	x						2000	1a	G06	4025	4465	5190	6930	8170	9240	9070	8140	6835	5206	4597	3845	308	1. Monday of the month, Tue repeat only in case of msg on Monday New: 01/05- Old: 02/02-12/04
					x		2020/2025	1a	G06	4580	5360	6785	7680	9115	10310	9265	9120	6835	5210	4585	3845	777 (2001) 943 (2003) 178 (2005)	2.+3. Sat. of the month 03/01-08/05, inactive?
					x		2120/2125							10875/ 12210	10875/ 12210	10875/ 12210	10875/ 12210	8530			5360		
							2200	1a	G06							6834	6834		4642	4642		531	2004
										6834				4642		7607						531 843	2005 2006 I.+3. Sat of the month?
										4441	4441	5252											

Italics
bold

needs observation
Changes

S06 Regular skeds ending slow

Note 1: there are no slow ending transmissions on Saturday or Sunday.

Note 2: the wed 8.30 S06 on 7335 is a special / different one as it uses the same freq for the whole year. year.

Day	time (utc)	jan feb nov dec	mar apr sep oct	may jun jul aug	ID
mon	12.00	xxxxx	9145	10230	831
mon	12.10	xxxxx	11460	12165	831
mon	13.00	8420	xxxxx	xxxxx	831
mon	13.10	10635	xxxxx	xxxxx	831
mon	16.00		8040	9256	176
mon	16.10		6830	7889	176
tue	07.00	5250	5760	?	374
tue	07.15	6320	6930	6780	374
tue	08.00	5810	7320	7245	418
tue	08.10	7440	9840	9670	418
tue	08.00	10265	11635	14373	352
tue	08.10	9135	10420	12935	352
tue	15.00	5070	6464	6666	537
tue	15.10	6337	7245	7744	537
tue	18.00	5625	5680	5745 ?	624
tue	18.10	6605	6815	?	624
wed	07.00	12365	13420	14580	729
wed	07.10	14280	15380	16020	729
wed	08.20	6880	7605	6755	471
wed	08.30	7840	9255	?	471
wed	08.30	7335	7335	7335	745
wed	08.40	11830	11830	11830	745
wed	08.40	9260	9480	10120	328
wed	08.50	11415	11040	9670	328
wed	12.00			7765	481
wed	12.10			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	10.00	8535	9225	10175	895
thu	10.10	10480	11515	12215	895
thu	12.30	7865	8650	9255	314
thu	12.40	5310	7385	7630	314
thu	16.00		12560	10410	425
thu	16.10		13065	9690	425
fri	06.00	5460	6340	8340	934
fri	06.10	?	5470	?	934
fri	06.00	xxxxx	7795	7845	196
fri	06.10	xxxxx	8695	9125	196
fri	07.00	7150	xxxxx	xxxxx	196
fri	07.10	8215	xxxxx	xxxxx	196
fri	09.30	11780	12140	10290	516
fri	09.40	12570	13515	9655	516

moves 1 hr early
May to October

1 hr later in Oct

S06 and E06 both ending fast. Regular skeds.

Day	time (utc)	2006 august	2006 september	2006 october	2006 november	ID aug	ID sep	ID oct	ID nov	week
mon	20.15	10910	8120	6870	xxxxx	583	601	427	xxx	2 & 4
mon	21.15	8170	6960	5760	6920	583	601	427	893	2 & 4
mon	22.15	xxxxx	xxxxx	xxxxx	5440	xxx	xxx	xxx	893	2 & 4
tue E06	13.00			9062				192		2
tue E06	13.00			9135				156		1st
tue E06	14.00			7780				192		2
tue E06	14.00			7mhz ?				156		1st
tue	14.00	15810	14740	13550	10230	493	493	493	493	every
tue	15.00	13930	12215	11140	7970	493	493	493	493	every
tue	16.30	14560	11020	9220	7670?	980	635	403	192	every
tue	17.30	12190	8170	7810	5820?	980	635	403	192	every
tue	18.00	6515				918				?
tue	19.00			6920				971		?
tue E06	20.00	12190	8150	6920		471	701	296		2 & 4
tue E06	21.00	9240	6985	5435		471	701	296		2 & 4
wed	12.00		6920				971			?
wed E06	14.00	12207	12215	12190	xxxxx	651	487	164	xxx	2 & 4
wed E06	14.00	14860	10940			705	523			4th ?
wed E06	14.05	12190	12200	11150	8010	457	457	457	457	1st
wed E06	15.05	10840	10960	9110	6960	457	457	457	457	1st
wed E06	15.00	10417	10623	10220		651	487	164	xxx	2 & 4
wed E06	15.00		9250				523			4th ?
wed E06	16.00	xxxxx	xxxxx	xxxxx	9063?	xxx	xxx	xxx		2 & 4
wed	18.00	6770	5735	5735		471	471	471	471	every
wed E06	21.00	10230	8140	6950	5780	801	527	731	519	1 & 3
wed E06	22.00	8160	6820	5760	4936?	801	527	731	519	1 & 3
thu E06	05.00	13440	12215			392	260	784		every
thu E06	06.00		14740	15880		392	260	784		every
thu	08.20			12223				129		3
thu	08.20			16120				129		3
thu	08.40			11065				725		3
thu	09.40			13380				725		
thu E06	20.30		5186	5186	4836	891	891	891	321?	1 & 3
thu E06	21.00	8060	6830	5 mhz	5260?	478	960	135	782	4th
thu E06	22.00	6860	5120	4580	4490?	478	960	135	782	4th
fri E06	21.30	5731	5197	5197		315	315?	634	634	1 & 3
sat	16.00	6794				108	108	108	108	every
sat	19.30	5788	5746	5746	5746?	428	428	428	428	every
sun E06	18.30	9160	8180	6980	5760	690	690	690	690	every
sun E06	19.30	7850	6950	5440	4586	690	690	690	690	every
updated										
28th Oct										

When sending these schedules MS notes, "There was a lot of interesting goings-on with the Cubans recently. MCW mode is being used quite a bit. There is a new female voice that sporadically shows up and V02c returned for an encore performance last week."

Current Cuban Skeds Heard From 0000-0700 UTC
This covers 1900-0200 local EDT in the USA
(September-October, 2006)

	0000	0100	0200	0300	0400	0500	0600	0700
SUN								8097(P)
								9063(P)
					10235(P)	9062(S)		5930()

	0000	0100	0200	0300	0400	0500	0600	0700
MON			12165(P)	10446(S)	5117()	10446(P)	9331(S)	8136(P)
				6855(P)	6768(S)			9238(P)
				5800(P)	4035(S)			
				4174()				5800()
						9062(P)	7887(S)	

	0000	0100	0200	0300	0400	0500	0600	0700
TUE		3389(P)	3292(S)	4017(P)	3926()			8186(P)
								9112(P)
								5930()
				10125(P)	3926()	9062(P)	7887(S)	
				4027(P)	3292(S)	5930(P)	5800(S)	5930()

	0000	0100	0200	0300	0400	0500	0600	0700
WED			12180(P)	10446(S)		3360(P)	4035(S)	8136(P)
				4479(P)	4329(S)			9063(P)
						4329(P)		

	0000	0100	0200	0300	0400	0500	0600	0700
THUR					9323()	8097()		8186(P)
								9153(P)
						9062(P)	7887(s)	

	0000	0100	0200	0300	0400	0500	0600	0700
FRI		4028(P)	5417(S)		4479(P)	4028(S)	4028()	8136(P)
			12215(P)	11566(S)				
					4478(P)			
				12214(P)	10235(S)			

	0000	0100	0200	0300	0400	0500	0600	0700
SAT		6768(P)	5762(S)	4028(P)	3292(S)	5883()		8186(P)
				5762(P)				9112(P)
						9062(P)	7887(S)	
						5930(P)	5788(S)	

Notes:

- Skeds in MCW mode indicated in red.
- 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.

--Updated October 27, 2006

Current Cuban Skeds Heard From 0800-1500 UTC
This covers 0300-1000 local EDT in the USA
(September-October, 2006)

	0800	0900	1000	1100	1200	1300	1400	1500
SUN	<i>7681(S)</i>	<i>9040(P)</i>	<i>9240(S)</i>					<i>5771()</i>
	<i>7975(S)</i>	<i>8136()</i>	<i>8173()</i>					
			5800(S)					
MON	<i>7555(S)</i>	<i>9040(P)</i>	<i>9240(S)</i>	<i>3292(P)</i>	<i>4035(S)</i>			<i>5771()</i>
	<i>8010(S)</i>							
		<i>6786(P)</i>	<i>7726(S)</i>				<i>6867()</i>	
		8630()				7519()	<i>6825()</i>	
TUE	<i>7580(S)</i>	<i>9040(P)</i>	<i>9240(S)</i>					
	<i>7862(S)</i>							
			<i>9323(P)</i>	<i>10344(S)</i>			<i>5134()</i>	
		5930(P)	5800(S)			<i>5116()</i>	<i>7579()</i>	
WED	<i>7555(S)</i>	<i>9040(P)</i>	<i>9240(S)</i>	<i>3360(P)</i>	<i>4035(S)</i>	<i>5417()</i>	<i>6855(P)</i>	<i>5762(S)</i>
	<i>8010(S)</i>							
		<i>6786(P)</i>	<i>7726(S)</i>					
		8630()				<i>5761(P)</i>	<i>5883(S)</i>	
THUR	<i>7580(S)</i>	<i>9040(P)</i>	<i>9240(S)</i>					
	<i>7862(S)</i>							
						5761(P)	5883(S)	
			5800(S)	<i>10446()</i>		<i>5134(P)</i>	<i>5798(S)</i>	
FRI	<i>8136(S)</i>	<i>9040(P)</i>	<i>9240(S)</i>	<i>3245(P)</i>	<i>4035(S)</i>	<i>9152(P)</i>	<i>10125(S)</i>	<i>5771()</i>
	<i>8010(S)</i>	<i>8136()</i>						
						9153()		
	<i>6786(P)</i>	<i>7726(S)</i>			<i>5134(P)</i>	<i>5416(S)</i>		
SAT	<i>7580(S)</i>	<i>9040(P)</i>	<i>9240(S)</i>					<i>5771()</i>
	<i>7862(S)</i>		<i>4035(P)</i>	<i>4507(S)</i>				
			<i>9323(P)</i>	<i>10344(S)</i>				
	8630()	<i>3025(P)</i>	<i>4478(S)</i>					
	<i>6786(P)</i>	<i>7726(S)</i>	<i>8136(P)</i>	<i>9152(S)</i>				

Notes:

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--Updated October 27, 2006

Current Cuban Skeds Heard From 1600-2300 UTC
This covers 1100-1800 local EDT in the USA
(September-October, 2006)

	1600	1700	1800	1900	2000	2100	2200	2300
SUN	7975(P)	8010(S)			7887(P)	6855(S)		
	6867()							
			8097(P)	8097(S)		7975(P)	7480(S)	
MON	7975(P)	8010(S)			7887(P)	6855(S)		
	5771()							
	6867()			6786(P)	7554(S)			
				7680(P)	8009(S)		7519(P)	8009(S)
		8097(P)	8097(S)			7975(P)	7480(S)	
TUE	7975(P)	8010(S)			7887(P)	6855(S)		
	6867()							
				6786(P)	7554(S)		7526(P)	8135(S)
	9012()		8097(P)	8097(S)		7975(P)	7480(S)	
WED	7975(P)	8010(S)			7887(P)	6855(S)		
	6855()							
				6786(P)	7554(S)			
				7680(P)	8009(S)		7519(P)	8009(S)
		8097(P)	8097(S)		6932(P)	6854(S)		
THUR	7975(P)	8010(S)			7887(P)	6855(S)		
				6786(P)	7554(S)		8009(P)	8135(S)
			8097(P)	8097(S)		6932(P)	6854(S)	
FRI	7975(P)	8010(S)			7887(P)	6855(S)		
				6786(P)	7554(S)			
				7680(P)	8009(S)		7519(P)	8135(S)
		8097(P)	8097(S)	7519()	7975(P)	7480(S)		
SAT	7975(P)	8010(S)			7887(P)	6855(S)		
	6867()							
			8097(P)	8097(S)		7975(P)	7480(S)	

Notes:

Skeds in MCW mode indicated in red.
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All skeds normally begin on the hour.
Frequencies listed as (), denote primary or secondary sked not determined.
Frequencies listed without (), denotes a possible sked.

--Updated October 27, 2006--

Please send any additions, deletions or corrections to:
mslaten@prodigy.net
Indicate if it is V2 or M8, time, frequency and callups if possible.
Include any other observations or remarks of interest.

Cuban Desk Contributors: Albino Dragon, Jon-FL, JPL, MS, WestIus [Txn Mark and Contributors].

Finally – probably American in origin this reached E2k via New Zealand.....

Osama Bin Laden heard that Bush was wondering whether he was still alive

He decided to send George Bush a letter in his own handwriting to let him know he was still in the game.

Bush opened the letter and it appeared to contain a single line of coded message:

370HSSV-0773H

Bush was baffled, so he e-mailed it to Condi Rice. Condi and her aides had no clue either, so they sent it to the FBI.

No one could solve it at the FBI so it went to the CIA, then to the NSA.

With no clue as to its meaning they eventually asked Britain's MI6 for help.

Within a minute MI6 cabled the White House with this reply.....

"Tell the President he's holding the message upside down."

[Tnx AW, may your town continue to bubble and smell well!]

*COMPLIMENTS OF THE SEASON FOR THE
FORTHCOMING CHRISTMAS TO ALL OUR READERS*