

ENIGMA 2000 NEWSLETTER

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



A CHRISTMAS SURPRISE!

Three days before Christmas the postman called, dropping off a light blue envelope that was a little weighty for its size.

Inside was a piece of card with a British two pence piece held in place with a piece of sticky tape. A slip of paper read 'Hold about six inches from a hard surface and drop,' which I did, the coin splitting in two to reveal a space useful for sending messages.

Issue 57
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<http://www.enigma2000.org.uk>

EDITORIAL

Welcome all to Issue 57, the high number of recent events interesting to E2k has given 2010 a whopping start, and as a consequence has upped the interest level, and participation, in group.

We hope we have reflected this interest within the contents of this Issue.

Enjoy, once again, our efforts

Paul & Mike L

A flurry of excitement.

The apparent Vietnamese Number Station heard on 10255kHz at 1608z on 21/02/2010, and remarked upon, and recorded, to group by both Leif & TOKEN sounded very interesting and was worthy of further investigation. Especially if an ENIGMA ID was to be assigned.

We started the process by asking our Languages Desk to review the edited composite recording from both sources to:-

- a. Confirm the language.
- b. Attempt a partial/full > translation.

Both were carried out successfully

Unfortunately for us the reality of this transmission could be different from the one anticipated.

The language is confirmed as Vietnamese.

The transmission maybe a Numbers Station, but also could be Maritime related. The possibility can be seen in this short excerpt from the message text, and the comments following, produced for ENIGMA 2000 by our Languages Desk.

28426 42611 12700 58056 16946
"This is Hai Dang "
8574863 8574863
01205 56720 39937 71721 80000
33550 00479 43411 25164 58180
68742 28728 24138 64644 45884
4020- 20860 15780 27260 38559
47428 38722 45242 34389 41150
14627 80186 54465 44830 71850
60658 42550 00104 54 - - -
etc etc.

A Languages Desk team member with a background in Shipping then advised that alternatively this message could possibly have originated from the Hai Dang Shipping Co. Operations Centre > to a company vessel as a coded commercial message.

From the info gleaned from the message itself he suggests that the vessel possibly be either the 'Hai Dang 56' or 'Hai Dang 58'. Both are Bulk Carriers of approx 4000 DWT and recent additions to the Vietnamese Commercial Fleet - and known to be equipped with HF. (The remaining 'Hai Dang' series ships are smaller 'Coastal' type vessels and are only thought to have VHF capability.)

It is not unusual for shipping companies to have set transmission slots/freqs now that vessels operate with minimum manpower.

There appeared to be periods of 'informational content' in the TX.

Traffic which has a 'shipping flavour' is also heard on this freq, with others.

(There is also a Hai Dang lighthouse, known to our contributor, even though the words Hai Dang translate into English as Lighthouse or Beacon. The Lighthouse-Lighthouse!!)

Thanks everyone for the combined effort, keep at it.

As a result of these conflicting possibilities there is more work to be done before we would feel confident in assigning an ENIGMA IDENT.

We look forward to further definitive information to help in the investigation process and to help us a FULL clear recording with both 'head' & 'tail' would be very useful.

Cuban Data Transmissions

More input on the SK01 transmissions from the halls of the Spanish lady can be seen after the main SK01 section thanks to Anon.

Comment

No doubt all of us have been intrigued by the claims, and escalating number of suspects, that MOSSAD mounted a major operation in Dubai to eliminate the senior Hamas member al-Mabhouh.

The Media went into overdrive to try and examine the event in detail, and as usual over speculated and got much wrong.

As far as Enigma Towers 'boys in the basement' are concerned the only 'proof', so far, are the CCTV pictures of the passport holders - some of whom are readily identifiable and others need a big stretch of the imagination.

However that only confirms their arrival in, presence for a time, and departure from Dubai, circumstantial - yes, proof - not really.

The assertion by the Dubai Police Official, almost immediately after the discovery of the body, that this was a 'MOSSAD' operation did appear to be a tad quick, with the investigation only in its initial phase, as did the rapid publication of the 'incriminating' CCTV footage. An alternative scenario, that could be more than plausible, is if the body had been found 12 hrs earlier (and hushed up), with an investigation already well underway and basic evidence already obtained.

(But the supposed perpetrators had already slipped the net as at that point the identity of the deceased was unknown)

The 24hr delay then becomes a suitable face saving smokescreen.

The whole operation including investigation while initially viewed, even on our list, as being 'quick & slick' starts to become very 'ragged around the edges' as time goes on.

We were surprised at the CCTV coverage in Dubai – almost as good as the UK !!!

One thing we can be assured of is that the information being released is a long long way from being complete.

Here are a few of the many issues that 'the basement' is very wary of, based on information published.

The Advance Team is already in Dubai **before** al-Mabhouh travels – who told them his plans ?

He travels alone – virtually unheard of – blaming a fully booked flight, using a false passport.

Hamas has enough clout in Syria to overcome this little difficulty.

The so called Hit Squad arrives tight on his heels – were these **pre-booked** !!!, not enough info yet.

Very amateur theatrical disguises to say the least – raised no suspicion at immigration ??

Easily traceable fake passports of living people of various nationalities – but most pointing to **one** country of residence, very untidy and smells of mis-information.

Cause of death on 21 Jan – increased blood pressure in brain – just a tourist.

Cause of death on Jan 23 – asphyxiated /electrocuted – after identity becomes known.

Cause of death by Feb 28 drugged /smothered – It took 5 weeks to find out !!!

[We think Mike Ls' First Aid Instructor Qualification would have spotted the difference and if they'd asked E2k we could have provided a Forensic Expert, for a reasonable fee as well as a qualified Toxicologist].

Initially 11 people suspected of involvement, then rising to 15 – that's a lot for a Tap Tap, even if they were going to do a Sweep-up job as well.

Then it rises to 26 – now this is asking for trouble whichever way one looks at it, very suspect figure.

2 Palestinians arrested trying to leave Dubai – we wonder if these will be connected to Hamas or Fatah or of course nothing.

Latest news is that Syrian Intel is 'talking to' a Hamas member in Syria, fancy that.

Who is stitching what with a bent bodkin and multi coloured thread, t'will be interesting to watch.

As will the reactions of the 'affronted' countries of faked passports, after the initial belch of hot air.

Much more has already been referred to on group and various web links provided, read all, join the dots and make your own minds up.

We could go on for a few more pages but we're sure most members already get the drift.

PLdn has been told by some wag that it's easier to renew a British Passport via the official E10 listeners passport office ☺ That's all very humorous indeed, but with New Scotland Yard out in Israel investigating the heinous use of HMG's British Passports, or at least very good facsimiles, Mossad must be trembling – probably not! Anyone asked themselves if an Israeli would be allowed to enter Dubai on an Israeli passport when the rest of us can't if we've even got an Israeli entry stamp in our passport? Regarding passport use by the intel agencies world wide in discussion it was suggested that they all use everyone else's' passports. You'd hardly enter on your own and you certainly couldn't send a team like this in on a diplomatic passport, could you? Read Freddie Forsyth's Fist of God and see how a Kidon team gets into Germany. In Briton we've even got persons walking through our borders with no passport at all!

The quick roundup

E06, change of voice for the new year, spotted by JO & mndbs, but an old message was sent.

E10, ABC and HNC show their faces once again, EZI gains a midnight slot. See entry

More logs of 14000, being sparingly used, but covering ART, PCD, ULX, YHF. See entry.

ULX had an unusual burst of activity end Jan/early Feb – now did this have anything to do with the happenings of 20 Jan in Dubai !!!! – past experience tends to say NO, but we live in hope.

Some multi-call conflicting traffic heard – now known, by popular demand as "The Sgt. Cohen Effect"

Two very intriguing series of associated posts were received from early Feb discussing "E10 Message Group Length Analysis" and "Dummy Traffic".

These threads raised some very interesting viewpoints and members should read them carefully, if you missed them, from the Group Site under the given subject lines.

M94/V24, TOKEN advises of a major sked change where up to half of the 2009 skeds are either discontinued or time shifted along with 'intro' and ID changes along with moves to the higher freqs.

V24 appears to increase activity while M94 decreases.

Along with this T! noted the addition of a previously unheard freq, **6330**, on the 16.00z sked – replacing 4500 ?

TOKEN provides a table of the M94/V24 skeds, available from

<http://home.mchsi.com/~token-radio/AIIRXed.doc>

Unfortunately much of this traffic is not easily heard in Europe, but gives a challenge this side of the pond.

These logs also appear in the V24 report along with T's analysis:

5715 kHz, 1500 UTC, Feb 14 2010, M94 ID 958

5715 kHz, 1500 UTC, Feb 15 2010, M94 ID 958

5715 kHz, 1400 UTC, Feb 22 2010, M94 ID 1014

6330 kHz, 1400 UTC, Feb 26 2010, M94 ID 935

6330 kHz, 1400 UTC, Feb 27 2010, M94 ID 935

S28/XB (UVB76) A whole new chapter into our understanding of this station developed when Hans Snekvik posted a link to scientific papers discussing its research application.

However that may still not be the full story. Many thanks Hans.

Unid1 MCW (Mike L)

14411, 14.43z, 24 Feb,

i/p 5f, 17wpm, appears two mssg, 1st ends 14.50:40z with 'k'

2nd starts 14.51z with 'u u u rdl rdl rdl 11111' ends 'k'

Unid2 CW (Elmar)

6840 (mixing with E10), 22.30z, 21 Feb,

clg 'q2m q2m de nyz nyz vvv tkum'

Morse Stations

Freqs are generally $\pm 1k$

This is a representative sample of the logs received, giving an indication of station behaviour and the range of times/freqs heard. These need to be read in conjunction with any other articles/charts/comments in this issue.

M01/1 XIV MCW, hand (changes to M01/2 '463' skeds for Mar/Apl)

5465	07.00z	03 Jan	'197' 321 30 = = 88058, good, fast
4490	20.00z	05 Jan	'197' 700 30 = = 14713, good, slow gps have many triple digits !
5810	15.00z	09 Jan	NRH ??
5465	07.00z	10 Jan	'197' 972 30 = = 26489, strong, steady
5320	18.00z	12 Jan	'197' 275 30 = = 50801
4490	20.00z	14 Jan	'197' 455 30 = = 15541
5810	15.00z	16 Jan	'197' 283 30 = = 54622, good, fast
5465	07.00z	17 Jan	call-up only ?? - 2 nd freq in use ?
"	"	24 Jan	'197' 495 30 = = 86697, fast good
4490	20.00z	26 Jan	'197' 125 30 = = 89265, slow, good
5320	18.00z	04 Feb	'197' 457 30 = = 89343, med, good Op
5465	07.00z	07 Feb	'197' 485 30 = = 06055, exllt Op
4490	20.00z	11 Feb	'197' 550 30 = = 26591, strong, fast
5810	15.00z	20 Feb	'197' 371 30 = = 12644, strong,fast, gp error
5320	18.00z	23 Feb	'197' 620 30 = = 18773, slow, good Op
5465	07.00z	28 Feb	'197' 289 30 = = 14665, fast, distinctive fist

M01a (formerly end of month TXs, now random)

M01b

3520	19.10z	04 Jan	'853' 315 32 = 45203
3205	20.15z	"	'375' 315 32 = 45203
5810	16.15z	29 Jan	'158' 369 33 = 58850

M01c

No reports

M03 III ICW, some CW

4828	09.10z	05 Jan	272/00
"	"	12 Jan	272/34 = 42766
"	"	14 Jan	651/33 = 55595
5358	09.55z	16 Feb	786 00

M03c (Stutter groups)

No reports

M03d

No reports

M03e

No reports

M08a XVIII ICW / CW, some MCW

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

It's been noted that the TXs are starting their erratic starts again, also with cross/mis-use of V02a freqs.

Mark S noticed that on 16 Feb the Cubans corrected their clock again – took some time.

Freqs

5800, 5810, 5898, 8097, 9063, 9112, 9153, 10432, 11435, 12180

Above are/use MCW

5880, 6854, 6932, 7519, 7526, 7554, 8009, 8135, 8180, 10445, 10714, 10857, 12116, 12134, 12214, **12374**, 13374, 13379

M08c

No reports

M08d

No reports

M10 IX ICW / MCW, some CW

Ceased June 2007

M11 IXA (formerly M10e)

Presumed ceased at same time as M10

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

To be read in conjunction with Brians included monthly charts.

New ID's may be only for the month/sk'd shown, but not necessarily previously unknown, and all are clearly identified on Brians charts. The reason for their reuse, some after long periods of time, is unknown.

More long messages sent.

4768/5868/----MCW	06.00/20z	04 Jan	783 000 New sk'd
4443/5043	04.40/05.00z	05 Jan	408 000
5888/5952	05.10/30z	"	897 000
8192/7692/6792	18.30/50/19.10z	06 Jan	167 1 415 221
5361/4461/----	22.00/20z	"	340 000
12217	13.00z	11 Jan	214 000
8047/6802	17.00/20z	12 Jan	463 000
4439/4639/----	19.30/50/20.10z	12/21 Jan	463 000 new slot/freqs
14736/13536/12136	08.00/20/40z	13 Jan.	751 1 755 219 = 44512
13372/11472	13.00/20z	19 Jan	344 000 New ID
4638/5738	05.00/20z	20 Jan	678 00
6806/7669	07.30/50z	"	691 1 6457 60 = 75016
13582/12082	14.00/20z	21 Jan	503 000
14573/15973	09.10/30z	23 Jan	592 000 new Sat/Wed sk'd
5816/5216	19.30/50z	02 Feb	825 000
17427/15827/14527	08.00/20/40z	03 Feb	485 1 668 107
5429/4629	22.00/20z	"	460 000
8047/6802/5788	18.00/20/40z	04 Feb	463 etc 000 000
5872/6772/7672	04.40/05.00/20z	09 Feb	876 1
14973/16273/---	09.10/30z	10 Feb	925 000 new Sat/Wed sk'd
6878 MCW	06.20z	15 Feb	480 000
17427	08.00z	"	485 1 926 195 = 51109
6783	21.30z	18 Feb	977 000
7983/6783/----	21.10/30/50z	24 Feb	977 000
11435/10598/9327	19.00/20/40z	25 Feb	938 1 sk'd last heard 2007

M12a (two message variant)

From westt1us and Jon-FL, nice catches

5842	06.20z	26 Jan	i./p clg 408 2, rpt, 492 309 (2 nd mssg – 1 st was 145 279, per BR)
4443	04.40z	27 Jan	rpt of above
5872/6772/7672	04.40/05.00/20z	11 Feb	876 2 683 127
			557 161
5872/6772/7672	04.40/05. 09/36	16 Feb	876 2 391 173
			683 127 very long pair

M13 IB

M13 family now considered inactive since 0430z 13 Mar 06

M14 IA MCW / ICW / MCWCC, short 0

3826/4471	20/21.00z	01/15 Jan	724 00000
5785	07.00z	12 Jan	178 00000
4638	07.00z	20 Jan	761 00000
4761	19.20z	27 Jan	'748' 582 15 = 64870
4830	20.00z	05 Feb	724 00000
4830/4471	20/21.00z	19 Feb	724 00000

M14a (two message variant)

No reports

M18 IC

No reports

M23 O

No reports

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

6792	17.00z	04 Jan	'910' 746 88 = 21546
"	"	10 Jan	'910' 357 82 = 59268
"	"	12 Jan	'910' 384 90 = 05331
"	"	20 Jan	'910' 756 82 = 10986
4496	17.30z	29 Jan	'910' 738 90 = 67754
6792/4496	17.00/30z	02 Feb	'910' 356 84 = 18710
" "	" "	06 Feb	'910' 725 81 = 30612
" "	" "	08 Feb	'910' 735 86 = 06711
6792	17.00z	16 Feb	'910' 785 90 = 42708
4496	17.30z	18 Feb	'910' 542 86 = 95060
"	"	23 Feb	'910' 743 82

M24a as M24 with 2nd addressee hand keyed, rarely intercepted.

No reports

M39 ICX? ICW / MCW

No reports

M44

No reports

M45 XIV MCW, slow, hand, paired gps
4025 18.02z

23 Feb

'525' 479 35

M50 XIV MCW
No reports

M55 O
No reports

M62 O
No reports

M76 O
No reports

M87 O
No reports

M89 O

M94 CW, MCW, partner station to V24
5715 15.00z
" "
6330 14.00z

14/15 Feb

ID 958

22 Feb

ID 1014

26/27 Feb I

D 935 New Freq, also used by
V24 on 13 Feb, 16.00z TX

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

See comments in Issues 49 & 55 which still apply.
Instances of TXs being mixed up with M08a/V02a

Freqs

5800, 5810, 5898, 5930, 5947, 7890, 8180, 8186, 9040, 9063, 10715, **10858**, 11435, 12120, 16178

SK01 additional report [Tnx Anon]

Not much in the way of additional information came to light during January February.
21 files of 1024 bytes in size were recieved. None of the file names contained a number 9
Only one file 2 files < 1024kb in size were sent one of which contained a 9

45281045.txt at 373 bytes in length met all the rules described in EN56.

1. First 2 digits of first 4FG were 62
2. File name started 45 so second 2 digits in the message were 18.
3. Second 4FG started with 01 and contained letters.

One piece of additional information was noted

```
6218 01E0 0167 5641 9044 8055 8714 7873 1563 7632 7571 1769 9312 5524 4188 0706
2665 1215 7562 1483 4163 2576 7051 0436 4913 2732 8805 4069 7878 3078 9655 1460
8687 0153 0576 5049 1021 6531 1460 5946 8297 2097 2749 2521 5257 5246 0395 1982
4402 7278 1127 1107 8798 9465 0262 3801 0805 3974 9040 4803 1229 4272 3516 9711
0389 5130 2295 1973 9096 0804 3556 9079 1512 2561 4268 4662 9835 7306 7121 7126
3026 8969 8263 9598 3011 8393 1374 4063 7328 3086 9691 8351 7834 9047 8070 0144
3975 5717 3196 3480 0615 4529 7455 2418 5386 3866 4388 8737 3591 2674 5049 3661
7717 1468 4490 3533 7052 2815 1166 5489 3983 1025 3351 2943 9219 0947 8127 7251
8753 8978 6571 4710 2096 8909 4780 6228 5564 6862 4089 5689 2063 0208 9717 4904
6725 7685 0065 0947 4476 5309 9768 7685 1069 1073 6664 2478 8451 8143 3616 3500
0223 6706 5730 6026 0215 2226 9509 1819 4997 7422 9789 9872 0843 0111 3122 1860
3356 2717 8021 5871 1786 7344 5005 1375 2149 1635 96
```

50581961.txt was the second file, 120 bytes in length a good decode was not obtained but if the rules hold true the first 4FG should read 620C once a good decode is obtained.

Two pieces of new information have come to light as follows.

If the file is < 1024 bytes in size and the hex dump is kept in 4FGs the third group has started with either 00 or 01 on every occasion so far.
Files of 1024 bytes were noted to never contain a 9 in the file name. It now seems that the file name contains no 9 or 0. This is true for all 135 1024 byte files noted by the author so far.
Note that the file names of the < 1024 byte files noted in the past 2 months do use these digits.

CW Contributors

BR, DoK, FN, FS, Gert, GN, HFD, JO, JoA, MoK, MP, MS, PLdn, PP, RNGB, SB, Westli, Westt1us, Anon1

GERMAN BRANCH REPORT

TV, Youtube and X06 - Report from E2K's German Branch (E2Kde) and X06 team

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

Here is the 1st German Branch and X06 report of 2010. As we will show, many things happened around the German Branch and the X06 team. But first of all, I want to say many thanks to all of you, who expressed solidarity according to my tests for business qualification. I made my "qualifying" and am now an assistant for media and information services.

Today we have 2 news from the German Branch and at the end the X06 logs section as usual.

TV documentation with G06

On January 2nd 2010, DanielE2Kde watched the documentation "Die Firma" (The company) about the history of the Stasi, sent on the German station N24. It contained a real numbers station. Here is his report:

At 02 January 2010 I happened to zap into a number station in the TV!

It was the opening credits of the documentation "Die Firma" (The Firm) on the German station N24 about the history of the Stasi. Fortunately it was repeated later that night and I managed to record the complete programme.

The number station excerpt was from a real number station, always the same clip and most completely audible in the opening credits. It appeared along with 5 different scenes of the documentation, but matters such as encrypted communications via shortwave, cryptography etcetera were not at all mentioned. The documentation was about the foundation of the Stasi, their activities and the era after the fall of the GDR. Some topics were (beyond others):

- Locations/buildings of the Stasi in all larger cities of the GDR
- Interior views of one/some Stasi office(s) (which are museums meanwhile)
- Intercept of radio relay, radio telephone systems of the FRG and of satellites
- Activities against (alleged) opponents of the regime
- Recruitment of official and unofficial collaborators
- There were Stasi remand prisons independent from the official justice; conditions of detention
- Abduction of opponents of the regime/refugees/journalists even from the west
- Reactions to the people's uprising of June 17 1953; building bunkers not only for the case of war but also for the case of uprising
- Course of events during the fall of the regime; people enforcing the leave and disarmament of Stasi staff and sealing of the Stasi offices
- Views from the BStU* Office for the Stasi documents, storage of torn up documents and their reconstruction

The places within the documentation with the number station clip:

Time:	Scene:
0:47	opening credits, tracking shot along a conference table (in Stasi office/Mielke's office?)
9:27	big (radio-telescope like) moving parabolic antenna (satellite interception)
21:57	interior view of Stasi remand prison
32:16	interior view of Stasi bunker
41:12	BStU* archives, end titles

Of course I was interested in:

1. What numbers did the number station present?
2. Which station (ENIGMA designator) was it?
3. Who might have supplied the numbers station recording?
4. Improbable that this could be found out, but when and on what frequency was the numbers TX on the air?

1. It was the same clip time and again:

YL, German, 5FG

... 52716 69883 406 128 0 0 0 0 0

2. In case that the sample was chosen with respect to authenticity, only familiy XVII (DDR) or I (KGB) would come in question. The ending limits the choice further and a comparison with samples matches G06.

3. There were credits to the DARC Dessau (German Amateur Radio Club). Although they might only have supplied technical info regarding interception of radio relay and satellites, they could also be the "suspected" source of the numbers recording.

4. Scanning my audio samples, I found one identical with the clip in the programme, that is, the 24th track of the second CONET CD, G06! It starts with the same numbers group and has the same interference in the background. According to the CONET booklet/Akin Fernandez, the TX was 02 January 1995 [BTW: exactly 15 years before the TV docu! - Kopf]. He gives no details on time and frequency.

- DanielE2Kde

*) BStU = "Die Bundesbeauftragte für die Unterlagen des Staatssicherheitsdienstes der ehemaligen Deutschen Demokratischen Republik", in English "Stasi Record Act, Archives, Federal Commissioner, Inspection of files, Research". The description of their mission on their English homepage: "The Office of the Federal Commissioner (BStU) preserves the records of the Ministry for State Security of the GDR in its archives and makes these available for various purposes to private individuals, institutions and the public in accordance with strict legal regulations."

Many thanks Daniel.

Numbers videos on Youtube with Kopf in German

On November 26th 2009, I had an interview with Thomas Stern, a friend of mine, about numbers stations for his blog. One month later, he made 3 videos featuring this interview, which are available on Youtube now. If you can understand German, you will enjoy them. The title of the whole documentation is (translated): "Numbers stations – searching for encrypted messages in the radio". In all 3 clips, a photo is running. Here are the links:

Part 1:

http://www.youtube.com/watch?v=lcNnQTT_cTk

Part 2:

<http://www.youtube.com/watch?v=tDan4tLYyDI>

Part 3:

<http://www.youtube.com/watch?v=HbuTvUZRRU4>

Many thanks to Thomas for the videos and also to Wolfshunter at SIS Germany, who paid my attention to them.

X06: Team news

We've a new member from Northern Europe. Welcome, Hans in Norway. You'll find also his logs below. Also we have a very interesting log from "down under" by Eddy Waters in Southern Australia! He's not team member yet, but we hope to get him for the team, because his logs from another part of the world are VERY interesting! And here are all the logs:

X06 Mazielka (1C) logs section

Date	Day	UTC	Freq	Scale	Monitor	Comments
20100102	Sat	0850-0901	13678	356412	X06Shadow	
20100102	Sat	0850-0901	13506	164532	X06Shadow	
20100102	Sat	0850-0906	12224	463125	X06Shadow	
20100111	Mon	0911-0913	9215	421635	Peter/UK	S2-6
20100111	Mon	0943-0948	12224	463125	X06Shadow, Peter/UK	S3-5*
20100111	Mon	1001-1004	10372	431625	Peter/UK	S6-8
20100111	Mon	1248-1254	12177	364152	Peter/UK	Rare scale
20100111	Mon	1427-1437	12224	463125	LU5EMM	
20100111	Mon	1441-1446	9105	463125	Peter/UK	S6-8 (scale 3 times this day!)
20100112	Tue	0828-0835	14860	542136	X06Shadow	
20100112	Tue	0838-0844	16257	542136	X06Shadow	Moved from 14860 kHz
20100112	Tue	0904-0906	16317	612534	Bruno/IT	
20100112	Tue	0920-0921	12100	612534	Bruno/IT	Moved from new freq to test freq
20100114	Thu	0850-0852	8078	561243	X06Shadow	
20100114	Thu	0948-0950	13506	164532	X06Shadow, Peter/UK	
20100115	Fri	1007-1009	12213	361245	X06Shadow	
20100119	Tue	0929	16116	134265	Peter/UK	Shortie (only 30 secs)
20100122	Fri	1426-1427	12224	463125	Peter/UK	S2-3 with heavy QRM
20100122	Fri	1516-1525	12224	463125	Peter/UK	Again S2-3 and with heavy QRM
20100122	Fri	1525-1527	12224	463125	LU5EMM	Low signal
20100123	Sat	1449	11125	216354	Peter/NL	
20100125	Mon	0909-0915	11424	421635	Peter/UK	S5-8 good signal
20100125	Mon	1043	10372	431625	Peter/UK	Shortie (around 30secs), weak S2
20100126	Tue	0900	14675	612534	RNGB	New frequency
20100128	Thu	0939-0940	13506	164532	Peter/UK	
20100128	Thu	1205-1212	16276	314265	Peter/UK	Very poor signal
20100128	Thu	1321-1326	16276	314265	Peter/UK	Better signal but still below S1
20100128	Thu	1436-1438	12224	463125	LU5EMM	Low signal/QSB
20100201	Mon	0748-0750	10161	165324	Hans/NO	Extremely rare scale on new freq!
20100202	Tue	0903-0905	7411	165324	Hans/NO	Another new freq!
20100202	Tue	0920-0922	18206	246531	X06Shadow	
20100202	Tue	1327-1332	14970	216354	X06Shadow	
20100202	Tue	1327-1337	16025	156234	X06Shadow	
20100202	Tue	1342-1348	14650	215346	X06Shadow	
20100203	Wed	0846-0850	14377	432516	X06Shadow	
20100203	Wed	1000-1002	13465	362154	X06Shadow	
20100204	Thu	1240-1245	16132	352416	X06Shadow, Peter/UK	S9+ good and strong
20100204	Thu	1324-1330	16132	352416	X06Shadow	
20100204	Thu	1346-1350	12089	352416	Peter/UK	3 rd TX of the day - S4-6
20100204	Thu	1440-1443	9923	463125	X06Shadow, Peter/UK	S6-8
20100205	Fri	0809-0811	14824	265413	X06Shadow	Extremely rare scale!
20100208	Mon	1010-1012	13423	421635	Hans/NO, X06Shadow	Fair
20100211	Thu	1055-1056	8131	164532	Peter/UK	S9+
20100211	Thu	1104-1109	16115	215346	Peter/UK	S2-7
20100211	Thu	1519-1520	10214	263145	Peter/UK	S9+ in AM
20100212	Fri	0812-0813	16153	153624	Eddy/AU, Bruno/IT	Weak signal in Australia
20100214	Sun	1857	8169	145632	(via UDXF)	Good signal (heard in France)
20100216	Tue	0906-0908	7411	165423	RNGB	Heard in progress
20100217	Wed	1353-1355	13961	216354	Peter/UK	S4-7 in AM

Date	Day	UTC	Freq	Scale	Monitor	Comments
20100218	Thu	1230-1235	16132	352416	Peter, RNGB	S5-7 in AM and SSB
20100218	Thu	1235-1239	12089	352416	RNGB	Moved from 16132 kHz
20100219	Fri	0724-0738	13506	164532	X06Shadow	
20100219	Fri	0956-1007	13517	463125	Peter	S1
20100219	Fri	1002-1004	12215	361245	Peter	S9
20100219	Fri	1124-1132	12224	463125	Peter	S3-7
20100219	Fri	1134-1136	14871	156234	Peter	
20100219	Fri	1835	9197	164532	Mikesndbs	S9
20100223	Tue	1007-1013	12224	463125	X06Shadow	
20100223	Tue	1013-1020	13517	463125	X06Shadow	Moved from 12224 kHz
20100223	Tue	1020-1030	9230	463125	X06Shadow	3 rd transmission of the day
20100223	Tue	1026-1030	9923	463125	Hans/NO	Fair signal (parallel TX?)
20100224	Wed	0854-0856	16117	134265	X06Shadow	
20100224	Wed	0910-0914	11483	412356	X06Shadow	
20100224	Wed	1133-1134	14560	621543	Peter	Good and strong AM signal
20100224	Wed	1613-1619	10202	215346	Peter	S2-4
20100224	Wed	1620-1631	9076	215346	Peter	S2-6 - heavy noise floor
20100225	Thu	0955-0958	13506	164532	X06Shadow	"Alerts" with same scale, no. 1
20100225	Thu	0959-1001	10193	164532	X06Shadow	Moved from 13506 kHz
20100226	Fri	0848-0900	14861	615243	X06Shadow	
20100226	Fri	0900-0903	12213	615243	X06Shadow	Moved from 14861 kHz
20100226	Fri	1016-1023	20605	256134	Bruno/IT	
20100227	Sat	1600-1614	9235	156234	Kopf	S3-5
20100226	Sat	1612-1618	9923	463125	Hans/NO	Strong
20100226	Sat	1620-1622	10712	156234	Hans/NO	QRM3 fair (moved from 9235 kHz)

- * CROWD36 on between 0950 and 0952 on 16118 and 18276 kHz (parallel TXs).

As usual, nice and interesting stuff. Thanks to all contributors. Till next time I say "Auf Wiedersehen" and "Good-bye"

Jochen Schäfer, KopfE2Kde and X06 Teamkopf

Voice Stations

E03a[X]

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

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

E06 [IA]

PoSW offers his logs with

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

7-Jan-10:- 4,836 kHz, call "321", DK/GC "852 852 15 15", started well before the half-hour, weak signal. 5Fs same as heard in November and December.

21-Jan-10:- 4,836 kHz, "321" and "852 852 15 15", as last time. The ragged, tearing noise on the speech noted on several past occasions with this schedule.

4-Feb-10:- 4,836 kHz, call "321", DK/GC "757 757 15 15", and a change of message at last:- "74659 61142 64836 90731 64738 75617 85092 54174 72337 63719 87561 74835 61743 72758 74609". The strange noise on the speech still apparent..

Friday Following the First and Third Thursdays in the Month Schedule:-

8-Jan-10:- 4,760 kHz, call "472", DK/GC "473 473 15 15", 5Fs as on Thursday.

22-Jan-10:- 4,760 kHz, "472" and "473 473 15 15", with the noise noted on yesterday's 2030z sending.

5-Feb-10:- 4,760 kHz, call "472", DK/GC "757 757 15 15", 5Fs as yesterday's 2030 UTC.

Tuesday 2000 + 2100 UTC Schedule:-

22-Dec-09:- 2000 UTC, 6,805 kHz, "652 652 652 00000", weak signal.

2100 UTC, 5,175 kHz, second sending, heterodyne from a carrier on 5,177.

12-Jan-10:- 2000 UTC, 6,780 kHz, "826 826 826 00000", strength S6 - S7 with deep QSB.

2100 UTC, 5,420 kHz, second sending, same frequencies as in January last year. The 2100z XPA Poly tone up on 5,424 until around 2102 and 30 seconds.

26-Jan-10:- this being the fourth Tuesday in the month I expected this schedule to appear, but no trace of either sending. And in February, no sign of expected transmissions on the ninth, the second Tuesday of that month, expected frequencies 2000 UTC, 6,840 kHz and 2100, 5,360 kHz, call "190" logged in February of past years.

Fourth Thursday in the Month 2100 + 2200 UTC Schedule:-

24-Dec-09:- 2100 UTC, 5,125 kHz, calling "922" for a "full message", DK/GC "687 687 309 309". Longest message from any number station I have copied in recent times - and on Christmas Eve too! Total transmission time not far off one hour, ended just before 2156 UTC.
2200 UTC, 4,045 kHz, second sending, same frequencies as in December last year.

25-Dec-09, Friday:- 2100 UTC, 5,125 kHz and 2200 UTC, 4,045 kHz, the expected Next Day Repeats of yesterdays long message. Hope agent 922 didn't overdo the festivities!

28-Jan-10:- Something unusual this evening: the predicted frequencies for this schedule shown in E2K 56 were 2100 UTC, 5,085 kHz and 2200 UTC, 4,030 kHz, call "773". I missed this one in January last year but in 2008 this was the case. However, this evening the two transmissions were transposed in terms of frequency - or to put it plainly, the wrong way round:-
2100 UTC, 4,030 kHz, "773 773 773 00000", good signal, not found until 2102 UTC when tuning up and down the band after hearing nothing on the expected 5,085 kHz.
2200 UTC, 5,080 kHz, "773...." second sending on the frequency, +/-, expected an hour earlier.

And others logs:

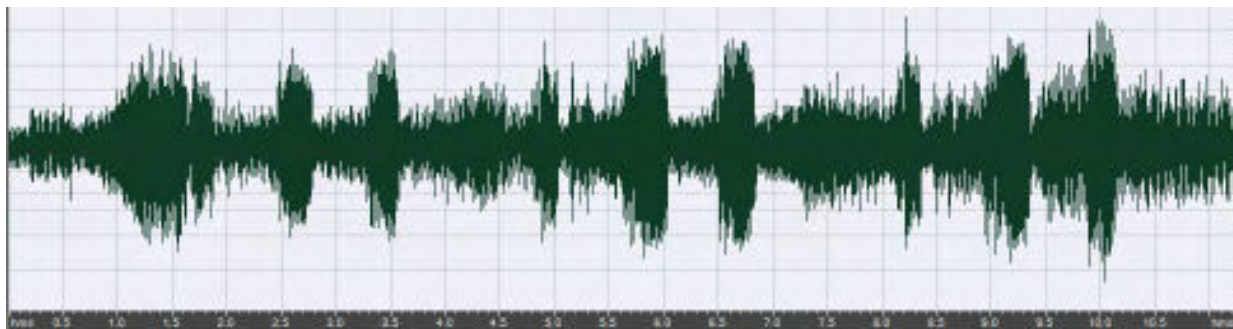
January 2010:

4489kHz 0230z	02/01 [759 126 38 68557 ... 21945 126 38 00000(f)] 0241z Strong, PLTQRM2	(10m47s)	PLdn	SAT
0230z	09/01 [759 648 31 17174 ... 55569 648 31 00000(f)] 0240z Fair, PLTQRM3	(9m41s)	PLdn	SAT
0230z	10/01 [759 648 31 17174 ... 55569 648 31 00000(f)] 0240z Weak	(9m40s)	PLdn	SUN
0230z	16/01 [759 802 31 98673 ... 35120 802 31 00000(f)] 0240z Strong	(9m35s)	PLdn	SAT
0230z	23/01 [759 642 31 72047 ... 08932 642 31 00000(f)] 0240z Strong, QSB2	(9m40s)	PLdn	SAT
0230z	24/01 [759 642 31 72047 ... 08932 642 31 00000(f)] 0240z Very Strong	(9m40s)	PLdn	SUN
0230z	30/01 [759 480 36 03503 ... 53825 480 36 00000(f)] 0240z Very Strong	(10m26s)	PLdn	SAT
0230z	31/01 [759 480 36 03503 ... 53825 480 36 00000(f)] 0240z Strong	(10m26s)	PLdn, HANS	SUN
4760kHz 2130z	08/01 [--- --- --- 473 15 0 0 0 0 0(s)] Finger trouble, badly set up by op		PLdn	FRI
2130z	22/01 [472 473 15 89467 ... 93021 473 15 00000(s)] 2148z Strong	(7m40s)	PLdn	FRI
4836kHz 2030z	07/01 [321 852 15] altered voice 89467 12341 07957 27481 94715 96823 62847 85762 01258 64930 68501 44726 58301 74596 93021 852 15 0000		Mndbs, PLdn	THU
4836kHz 2030z	21/01 [321 852 15 89467 ... 93021 852 15 0 00 0 0 0(s)] 2038z Strong	(7m31s)	PLdn	THU
5783kHz 0130z	02/01 [759 126 38 68557 ... 21945 126 38 00000(f)] 0141z Very Strong	(10m47s)	PLdn	SAT
0130z	09/01 [759 648 31 17174 ... 55569 648 31 00000(f)] 0140z Fair, PLTQRM3	(9m41s)	PLdn	SAT
0130z	10/01 [759 648 31 17174 ... 55569 648 31 00000(f)] 0140z Strong, PLTQRM2	(9m40s)	PLdn	SUN
0130z	16/01 [759 802 31 98673 ... 35120 802 31 00000(f)] 0140z Strong, XJTQRM2	(9m35s)	PLdn	SAT
0130z	17/01 [759 802 31 98673 ... 35120 802 31 00000(f)] 0140z Strong, QRM2	(9m35s)	PLdn	SUN
0130z	23/01 [759 642 31 72047 ... 08932 642 31 00000(f)] 0140z Strong, QSB2	(9m40s)	PLdn	SAT
0130z	24/01 [759 642 31 72047 ... 08932 642 31 00000(f)] 0140z Very Strong	(9m40s)	PLdn	SUN
0130z	30/01 [759 480 36 03503 ... 53825 480 36 00000(f)] 0140z Strong	(10m26s)	PLdn	SAT
0130z	31/01 [759 480 36 03503 ... 53825 480 36 00000(f)] 0140z Strong	(10m26s)	PLdn	SUN

E06

February 2010:

3582kHz 1932z	10/02 QSA2 only some counting 1 to 9 / 1 to 8 at 1934z, and stopped	Jan		WED
4760kHz 2130z	05/02 [472 757 15 74659 ... 74609 757 15 0 0 0 0 0(s)] 2138z Strong	(7m38s)	PLdn	FRI
2130z	19/02 [472 757 15 74659 ... 74609 757 15 0 0 0 0 0(s)] 2138z Weak, QRM3	(7m27s)	PLdn	FRI
4817kHz 0230z	13/02 [759 318 42 67136 ... 82410 318 42 00000(f)] 0242z Strong	(11m26s)	PLdn	SAT
0230z	14/02 [759 318 42 67136 ... 82410 318 42 00000(f)] 0242z Very strong	(11m26s)	PLdn	SUN
0230z	21/02 [759 608 31 32418 ... 85015 608 31 00000(f)] 0141z Strong* [NRH 20/02] *Noticeably weak start with increase in output after few seconds, see image below:	(9m35s)	PLdn	SUN



Note increase in amplitude, audio sounded tinny until 9.5s when it became richer with a noticeable bass component.

4817kHz 0230z	27/02 [759 241 38 86588 ... 64230 241 38 00000(f)] 0241z Strong	(10m47s)	PLdn	SAT
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4821kHz 0230z	06/02[759 261 30 00410 ... 53078 261 30 00000(f)] 0240z Very Strong	(9m26s)	PLdn, HANS	SAT
0230z	20/02 [759 608 31 ... 00000] 0239z Weak Radar QRM3 <i>Replaces expected 4817kHz tx</i>		SL, HANS	SAT
4836kHz 2030z	04/02[321 757 15 74659 ... 74609 757 15 0 0 0 0(s)] 2038z fair, QRN2	(7m44s)	PLdn, Jan	THU
	321 757 15 74659 61142 64836 90731 64738 75617 85092 54174 72337 63719 87561 74835 61743 72758 74609 757 15 0 0 0 0			
	Message from Jan			
4836kHz 2030z	18/02[321 757 15 74659 ... 74609 757 15 0 0 0 0(s)] 2038z Strong	(7m36s)	PLdn	THU
5846kHz 0130z	06/02[759 261 30 00410 ... 53078 261 30 00000(f)] 0140z Strong	(9m26s)	PLdn, HANS	SAT
0130z	07/02[759 261 30 00410 ... 53078 261 30 00000(f)] 0140z Strong	(9m26s)	PLdn	SUN
0130z	13/02[759 318 42 67136 ... 82410 318 42 00000(f)] 0142z Strong	(11m26s)	PLdn, SL, Lee	SAT
0130z	14/02[759 318 42 67136 ... 82410 318 42 00000(f)] 0142z Strong	(11m26s)	PLdn	SUN
0130z	20/02[759 608 31 32418 ... 85015 608 31 00000(f)] 0141z Strong [0230z see 4821kHz]	(9m31s)	PLdn, SL, HANS	SAT
0130z	21/02[759 608 31 32418 ... 85015 608 31 00000(f)] 0141z Fair, localQRM3	(9m35s)	PLdn	SUN
0130z	28/02[759 241 38 86588 ... 64230 241 38 00000(f)] 0141z Strong	(10m47s)	PLdn	SUN

E07[IB]

PoSW's E07 report for Jan/Feb:

Sunday + Wednesday Schedule, 1800 UTC Start:-

6-Jan-10, Wednesday:- 1800 UTC, 6,774 kHz, "788 788 788 000", mod low but readable.

17-Jan-10, Sunday:- 1800 UTC, 6,774 kHz, "788 788 788 1", DK/GC "672 90" x 2. Low mod and background buzz.

1820 UTC, 5,836 kHz, second sending just about readable.

1840 UTC, 4,893 kHz, third sending, best of the three, still with background buzz.

7-Feb-10, Sunday:- 1800 UTC, 7,697 kHz, very low mod, unreadable, carrier QRT 1811z so a full message with three transmissions.

1820 UTC, 6,863 kHz, second sending, weak signal, very low mod, splatter from the BC station on 6,860.

1840 UTC, 5,938 kHz, third sending, weak signal, low mod, broadcast interference in side 49 metre band. What a trio of disasters! Same frequencies as in February of past years.

14-Feb-10, Sunday:- 1800 UTC, 7,697 kHz, "689 689 689 000", and good heavens, an S9 signal with good modulation!

1820 UTC, 6,863 kHz, second sending, strong signal with good mod! Splatter from the distorted and generally inaudible broadcast station on 6,860 reduced by using the receiver in USB mode.

Thursday Schedule, 2110 UTC Start:-

31-Dec-09:- 2110 UTC, 6,777 kHz, "744 744 744 000", mod low but readable and with background buzz.

2130 UTC, 5,449 kHz, second sending, monkey chatter from RAF VOLMET on 5,450.

7-Jan-10:- 2110 UTC, 6,777 kHz, "744 744 744 000", low mod., difficult to hear.

28-Jan-10:- 2110 UTC, 6,777 kHz, very low mod, "744 744 744 000", just about readable.

2130 UTC, 5,449 kHz, second sending, slightly better in the audio department.

4-Feb-10:- 2110 UTC, 6,777 kHz, "744 744 744 000". Mod low but readable.

11-Feb-10:- 2110 UTC, 6,777 kHz and 2130 UTC, 5,449 kHz, both low mod but readable and with background buzz, "744 744 744 000".

Monday + Wednesday Schedule, 2000 UTC Start:-

4-Jan-10, Monday:- 2000 UTC, 6,982 kHz, "981 981 981 000". I lost track of this schedule in December although I confess I didn't search too hard.

2020 UTC, 5,882 kHz, probably the second sending inside the 49 metre BC band, carrier only, no voice heard, went QRT approx. 2022 and 30s UTC.

6-Jan-10, Wednesday:- 2000 UTC, 6,982 kHz, "981 981 981 000", low mod.

11-Jan-10, Monday:- 2000 UTC, 6,982 kHz, "981 981 981 000", just about audible.

2020 UTC, 5,882 kHz, presumed to be the second sending, no voice heard, BC QRM, carrier QRT around 2022 and 30 seconds UTC.

18-Jan-10, Monday:- 2000 UTC, 6,982 kHz, "981 981 981 1", DK/GC difficult to hear due to low mod, sounded like, "637 40".

2020 UTC, 5,882 kHz, second sending, very low modulation.

2040 UTC, 5,182 kHz, third sending, again with very low mod. Good luck to "981" if he can make any sense out of this lot!

1-Feb-10, Monday:- 2000 UTC, 7,724 kHz, "798 798 798 1", DK/GC "106 34" x 2. And unusually, an S9 signal with good modulation.

2020 UTC, 6,924 kHz, second sending, also strong signal with good mod, slight background buzz and crackling noises.

2040 UTC, 5,824 kHz, third sending, also a good, well modulated signal. Unbelievable! It won't last! Same frequencies and call as used in November.

3-Feb-10, Wednesday:- 2000 UTC, 7,724 kHz, as predicted the good signal didn't last for long! "798 798 798 1", DK/GC unreadable, weak with low mod.

2020 UTC, 6,924 kHz and 2040 UTC, 5,824 kHz, the repeat transmissions both unreadable.

Wednesday E07a SSB Schedule, 2100 UTC Start:-

30-Dec-09:- 2100 UTC, 5,864 kHz and 2120 UTC, 5,164 kHz, "815 815 815 000", both transmissions S9+ SSB suppressed carrier signals.

6-Jan-10:- 2100 UTC, 5,864 kHz - no change of frequency in the new year - calling "815 815 815 1 35451", for a full message. DK/GC "540 89" x 2. Repeated 2120 UTC, 5,164 kHz and 2140 UTC, 4,564 kHz.

20-Jan-10:- 2100 UTC, 5,864 kHz, "815 815 815 1 64946", DK/GC "597 51" x 2. 2120 UTC, 5,164 kHz and 2140 UTC, 4,564 kHz, repeats, usual strong SSB signals.

27-Jan-10:- 2100 UTC, 5,864 kHz and 2120 UTC, 5,164 kHz, "815 815 815 000"

3-Feb-10:- 2100 UTC, 5,864 kHz and 2120 UTC, 5,164 kHz, no change in February, "815 815 815 000".

10-Feb-10:- 2100 UTC, 5,864 kHz, "815 815 815 1 64946", DK/GC "597 51" x 2. Repeated 2120 UTC, 5,164 kHz and 2140 UTC, 4,564 kHz, all strong signals.

E07 report of January 2010 [RNGB]

The evening schedules are still suffering from dreadful modulation. Morning schedules are a lot better. E07a using usb with very good strength and modulation.

January log:

Sun 3rd	1800	6774	'788' 000
	1820	5836	'788' 000
Mon 4th	2000	6982	'981' 000
	2020	5882	'981' 000
Tues 5th	0800	5416	'489' 000
	0820	5816	'489' 000
Weds 6th	1800	6774	'788' 000
	2000	6982	'981' 000
	2100	5864	'815' 1 35451 540 89 77241 36732 60973 77565 etc (E07a)
Thurs 7th	0800	5416	'489' 000
	2130	5449	'744' 000
Mon 11th	2000	6982	'981' 000
Tues 12th	0800	5416	'489' 1 940 69 72586 59213 25828 48970 etc
	0820	5816	'489' repeat
	0840	6916	'489' repeat
Weds 13th	1800	6774	'788' 000
	1820	5836	'788' 000
	2000	6982	'981' 1 531 38 42986 24223 71472 64997 etc
	2020	5882	'981' repeat
	2040	5182	'981' repeat
	2100	5864	'815' 1 35451 540 89 77241 etc (E07a)
	2120	5164	'815' repeat
	2140	4564	'815' repeat
Sun 17th	1800	6774	'788' 1 672 90 82268 00679 66684 17822 etc
	1820	5836	'788' repeat
	1840	4893	'788' repeat
Mon 18th	2000	6982	'981' 1 637 40 70195 56982 etc
	2020	5882	'981' repeat
	2040	5182	'981' repeat
Tues 19th	0800	5416	'489' 1 750 119 93377 30461 23945 66027 etc
Weds 20th	1800	6774	'788' 1 672 90 82268 etc
Thurs 21st	0800	5416	'489' 1 750 119 93377 etc
Sun 24th	1840	4893	'788' 1 455 65 37236 63600 99544 86409 etc
Weds 27th	1800	6774	'788' unreadable
	2040	5182	'981' 1 637 40 70195 56982 63529 67934 etc
Thurs 28th	0800	5416	'489' 000
	2130	5449	'744' 000
Sun 31st	1820	5836	'788' 1 184 84 95317 27771 15914 73428
	1840	4893	'788' repeat

Others' logs:

January 2010:

4893kHz	1840z	17/01[788 1 --- -- ----- 37045 000 000]	1852z Weak, gd carrier	(11m39s)	PLdn	SUN
	1840z	20/01[788 1 --- -- ----- ... ----- 000 000]	1852z Fair carrier, poor audio	(11m46s)	PLdn	WED
	1840z	24/01[788 1 455 -- ----- ... ----- 000 000]	Strong carrier, weak audio, QRM2 QSB2		PLdn	SUN
	1840z	27/01[788 1 --- -- ----- ... ----- 000 000]	1849z Strong carrier, weak audio QRM2	(9m11s)	PLdn, SB	WED
	1840z	31/01[788 1 184 84 95317 ... 98066 000 000]	1851z Strong carrier with hum, weak audio	(11m01s)	DanielE2Kde, PLdn	SUN
5182kHz	2040z	18/01[981 1 nil copy until 000 000]	Very weak	(6m41s)	PLdn	MON
5416kHz	0800z	12/01[489 1 940 69 72586 ... 91168 000 000]	0808z Strong FAXQRM3	(8m14s)	PLdn	TUE
	0800z	19/01[489 1 7-- -- ----- ... --260 000 000]	0812z Weak, QRM3	(12m11s)	PLdn	TUE
	0807z	21/01	Msg in progress,Fair signal,QSB2,Low audio		HANS	THU
	0800z	26/01[489 000]	0802z Strong carrier, weak audio	(2m16s)	PLdn	TUE

5816kHz	0820z	07/01[489 000] 0822z Strong, QSB2	(2m16s)	PLdn	THU
	0820z	12/01[489 1 940 69 72586 ... 91168 000 000] 0828z Strong, good audio	(8m14s)	PLdn	TUE
	0820z	19/01[489 1 750 119 93377 ... 28260 000 000] 0832z Fair, QRM2	(12m11s)	PLdn	TUE
	0820z	21/01[489 1 750 119 93377 30461 29345... 28668] 0832z	(12m21s)	HANS,PLdn	THU
	0820z	26/01[489 000] 0822z Strong carrier, weak audio	(2m16s)	PLdn	TUE
	0820z	28/01[489 000] 0822z Strong carrier, weak audio	(2m16s)	PLdn	THU
5836kHz	1820z	03/01[788 000] 1822z Het+BCQRM4	(2m16s)	PLdn	SUN
	1820z	17/01[788 1 --- -- ... 37045 000 000] 1832z Weak, BCQRM2	(11m39s)	PLdn	SUN
	1820z	20/01[788 1 --- -- ---- ... ---- 000 000] 1832z BCQRM3/4 odd characters heard	(11m46s)	PLdn	WED
	1820z	27/01[odd character audible only]1829z BCQRM4	(9m11s)	PLdn, SB	WED
5882kHz	2020z	11/01[981 000] 2022z BCQRM5	(2m16s)	PLdn	MON
	2020z	18/01[981 nil copy until 000 000] BCQRM4	(6m41s)	PLdn	MON
6774kHz	1800z	03/01[788 000] 1800z Weak audio, Fair carrier	(2m16)	PLdn	SUN
	1800z	17/01[788 1 --- -- ---- ... 37045 000 000] 1812z Weak	(11m39s)	PLdn	SUN
	1800z	20/01[788 1 --- -- ---- ... ---- 000 000] 1812z Fair, QRM2 QSB2	(11m46s)	PLdn	WED
	1800z	27/01[788]1809z Strong carrier vry weak audio/in audible	(9m11s)	PLdn, SB	WED
6777kHz	2110z	07/01[744 000] 2112z Weak QRM2		PLdn	THU
6916kHz	0840z	21/01[489 1 750 119 93377 ... 28668 000 000] 0852z Fair BCQRM2	(12m21s)	PLdn	THU
6982kHz	2000z	11/01[981 000] 2002z Weak audio, strong carrier	(2m16s)	PLdn	MON
	2000z	18/01[981 1 nil copy until 000 000] Weak, QRM2	(6m41s)	PLdn	MON

E07a[IB]

January 2010:

4564kHz	2140z	06/01[815 1 35451 540 89 77241 ... 30395 000 000] 2150z Strong	(9m54s)	PLdn, SL	WED
	2140z	13/01[815 1 35451 540 89 77241 ... 30395 000 000] 2150z Very Strong	(9m52s)	PLdn, SL	WED
	2140z	20/01[815 1 64946 597 51 60082 ... 84265 000 000] 2147z Strong XJTQRM3		PLdn	WED
5146kHz	0530z	07/01[188 1 35451 540 89 77241 ... 30395 000 000] 0540z Strong	(9m55s)	PLdn	THU
	0530z	21/01[188 1 64946 597 51 60082 ... 84265 000 000] 0537z Strong	(6m46s)	PLdn	THU
	0530z	28/01[188 000] 0532z Strong	(2m16s)	PLdn, dj, SL	THU
5164kHz	2120z	06/01[815 1 35451 540 89 77241 ... 30395 000 000] 2130z Strong	(9m54s)	PLdn	WED
	2120z	13/01[815 1 35451 540 89 77241 ... 30395 000 000] 2130z Strong, QRM2	(9m52s)	PLdn, SL	WED
	2120z	20/01[815 1 64946 597 51 60082 ... 84265 000 000] 2127z Strong		PLdn	WED
	2120z	27/01[815 000] Strong BCQRM2	(2m16s)	PLdn	WED
5846kHz	0550z	07/01[188 1 35451 540 89 77241 ... 30395 000 000] 0600z Strong	(9m55s)	PLdn	THU
	0550z	21/01[188 1 64946 597 51 60082 ... 84265 000 000] 0600z Strong	(6m46s)	PLdn	THU
	0550z	28/01[188 000] 0552z Strong	(2m16s)	PLdn, dj, SL	THU
5864kHz	2100z	06/01[815 1 35451 540 89 77241 ... 30395 000 000] 2110z Strong	(9m54s)	PLdn	WED
	2100z	13/01[815 1 35451 540 89 77241 ... 30395 000 000] 2110z Strong	(9m52s)	PLdn, SL	WED
	2100z	20/01[815 1 64946 597 51 60082 ... 84265 000 000] 2107z Strong - bc stn in b/ground		PLdn	WED
	2100z	27/01[815 000] Strong BCQRM2	(2m16s)	PLdn	WED
6846kHz	0610z	07/01[188 1 35451 540 89 77241 ... 30395 000 000] 06210z Fair, QSB2	(9m55s)	PLdn	THU
	0610z	21/01[188 1 64946 597 51 60082 ... 84265 000 000] 0617z Strong	(6m46s)	PLdn	THU

E07

February 2010

5449kHz	2130z	04/02 Strong carrier for 2m30s VOLMETQRM2		PLdn	THU
	2130z	11/02[744 000] Fair audio, strong carrier	(2m16s)	PLdn	THU
	2130z	18/02[744 000] Very weak audio, strong carrier	(2m16s)	PLdn	THU
	2130z	25/02[744 000] Very weak audio, strong carrier	(2m11s)	PLdn	THU
5867kHz	0800z	02/02[873 1 865 73 09758 ... 04933 000 000]0808z Strong, QRM2	(8m27s)	PLdn, HANS	TUE
	0800z	09/02[873 000]	(2m16s)	PLdn	TUE
	0800z	16/02[873 000] 0802z Strong Carrier, weak audio	(2m19s)	PLdn, MalcF	TUE
	0800z	23/02[873 231 105 20514 ... 39157 000 000] 0811z Fair, QRN2	(11m01s)	PLdn, HANS	TUE
5938kHz	1840z	03/02[689 1] Odd characters heard, BCQRM4	unknown	PLdn	WED
	1840z	10/02[689 1 184 84 000 000] 1851z BCQRM4	(11m00s)	PLdn	WED
	1840z	21/02 Strong carrier with BCQRM3/4		PLdn	SUN
	1840z	24/02[689 1 184 84 95317 ... 98066 000 000] 1851z Weak audio, BCQRM3	(10m58s)	PLdn	WED

6767kHz	0820z	02/02[873 1 865 73 09758 ... 04933 000 000]0828z Strong	(8m27s)	PLdn	TUE
	0820z	04/02[873 1 865 73 09758 ... 04933 000 000]0828z Fair	(8m27s)	PLdn, Jan	THU
	0820z	09/02 Audio obviated by XJTQRM5		PLdn	TUE
	0820z	16/02[873 000] 0822z Strong Carrier, weak audio, CWQRM2	(2m19s)	PLdn, MalcF	TUE
	0820z	18/02[873 000] 0822z Poor XJTQRM3/4	(2m19s)	PLdn	THU
	0820z	23/02[873 231 105 20514 ... 39157 000 000] XJTQRM3/4	(11m01s)	PLdn, sgor	TUE
	0820z	25/02 XJTQRM3/4 odd characters only	(11m01s)	PLdn	THU
6777kHz	2110z	04/02 Strong carrier for 2m30s		PLdn	THU
	2110z	11/02[744 000] Very weak audio, strong carrier	(2m16s)	PLdn	THU
	2110z	18/02 strong carrier only, audio not heard	(2m16s)	PLdn	THU
	2110z	25/02[744 000] Very weak audio, strong carrier	(2m11s)	PLdn	THU
6863kHz	1820z	03/02[689 1] Strong carrier, audio weak, digiQRM3	unknown	PLdn	WED
	1820z	10/02[689 1 000 000] 1831z BCQRM4/5	(11m00s)	PLdn	WED
	1820z	14/02[689 000] Fair, ttyQRM2	(2m16s)	PLdn	SUN
	1820z	17/02[689 000] Very strong . Carrier up yonks before sending DigiQRM4	(2m08s)	PLdn	WED
	1820z	21/02 Strong carrier only	(11m36s)	PLdn	SUN
	1820z	24/02[689 1 184 84 95317 ... 98066 000 000] 1831z Weak audio, DigiQRM3	(10m58s)	PLdn	WED
	1820z	28/02[689 000] 1822z Good sigs, DigiQRM2	(2m19s)	PLdn	SUN
7367kHz	0840z	02/02[873 1 865 73 09758 ... 04933 000 000]0848z Strong, BCQRM2	(8m27s)	PLdn	TUE
	0840z	04/02[873 1 865 73 09758 ... 04933 000 000]0848z Strong , BCQRM2	(8m27s)	PLdn, Jan	TUE
	0840z	23/02[873 231 105 20514 ... 39157 000 000] Fair, BCQRM2	(11m01s)	PLdn, sgor , HANS	TUE
	0840z	25/02[873 231 105 20514 ... 39157 000 000] Fair, BCQRM2	(11m01s)	PLdn	TUE
7697kHz	1800z	03/02[689 1] Strong carrier, audio very weak	unknown	PLdn	WED
	1800z	10/02[689 000 000] 1811z QRM3/4	(11m00s)	PLdn	WED
	1800z	14/02[689 000] Fair	(2m16s)	PLdn	SUN
	1800z	17/02[689 000] Very strong with good audio.Carrier up yonks before sending	(2m08s)	PLdn	WED
	1800z	21/02[689 1] Strong carrier, audio very weak	(11m36s)	PLdn	SUN
	1800z	24/02[689 1 184 84 95317 ... 98066 000 000] 1811z Strong carrier, weak audio	(10m58s)	PLdn	WED
	1800z	28/02[689 000] 1802z Strong carrier, weak audio	(2m19s)	PLdn	SUN
E07a					
February 2010:					
4564kHz	2140z	10/02[815 1 64946 597 51 60082 ... 84265 000 000] 2147z Strong	(6m40s)	PLdn, HANS	WED
	2140z	17/02[815 1 68177 885 69 94533 ... 16186 000 000] 2148z Strong, XJTQRM2	(8m12s)	PLdn	WED
5146kHz	0530z	04/02[188 000] 0532z Strong, QRM3	(2m16s)	PLdn	THU
	0530z	11/02[188 1 64946 597 51 60082 ... 84265 000 000] 0537z Very Strong	(6m42s)	PLdn, SL	THU
	0530z	18/02[815 1 68177 885 69 94533 ... 16186 000 000] 0538z Strong	(8m15s)	PLdn	THU
	0530z	25/02[188 000] 0532z Strong	(2m16s)	PLdn, HANS	THU
5164kHz	2120z	03/02[815 000] 2122z Strong	(2m16s)	PLdn	WED
	2120z	10/02[815 1 64946 597 51 60082 ... 84265 000 000] 2127z Strong	(6m40s)	PLdn, HANS	WED
	2120z	17/02[815 1 68177 885 69 94533 ... 16186 000 000] 2128z Fair, QRM2	(8m12s)	PLdn, GTRS	WED
	2120z	24/02[815 000] 2102z Strong	(2m13s)	PLdn	WED
5846kHz	0550z	04/02[188 000] 0552z Weak, QRM2	(2m16s)	PLdn	THU
	0550z	11/02[188 1 64946 597 51 60082 ... 84265 000 000] 0557z Strong	(6m42s)	PLdn, SL	THU
	0550z	18/02[815 1 68177 885 69 94533 ... 16186 000 000] 0558z Strong	(8m15s)	PLdn	THU
	0550z	25/02[188 000] 0552z Strong	(2m16s)	PLdn, HANS	THU
5864kHz	2100z	03/02[815 000] 2102z Strong	(2m16s)	PLdn, Lee	WED
	2100z	10/02[815 1 64946 597 51 60082 ... 84265 000 000]2107z Strong, BCQRM2 from R. Algerienne		PLdn, HANS	WED
	2100z	17/02[815 1 68177 885 69 94533 ... 16186 000 000] 2108z Fair BCQRM3	(8m12s)	PLdn	WED
	2100z	24/02[815 000] 1202z Strong, BCQRM2	(2m13s)	PLdn	WED
6846kHz	0610z	11/02 [188 1 64946 597 51 60082 ... 84265 000 000] 0617z Strong	(6m42s)	PLdn, SL	THU
	0610z	18/02[815 1 68177 885 69 94533 ... 16186 000 000] 0618z Very strong	(8m15s)	PLdn	THU

E10 Desk Report for January and February 2010**Frequencies (KHz) used by E10 Stations during the last year**

Time	ART	EZI	PCD	ULX	YHF
00:00	3415/5435	9130	2515/3150/4270	3270	2844/3840
00:30	2456/3415	6840/9130	2515/3150	2743/3270	3840
01:00	3415/4270/7690	6840/7690/9130	No Reports	2743/3270	No Reports
01:30	2465/3415/7690	6840/7690/9130	No Reports	No Reports	2844/3840
02:00	3415/5435	6840/7690	3150/4270	2743/4880	5820/7918
02:30	No Reports	6840/7690/9130	3150	2743/4880/6840	3840
03:00	3415	6840/7690	2515/3150/4270	No Reports	No Reports
03:30	No Reports	6840/9130	3150/4270	3270/4880	2844/3840
04:00	3415/5435	6840/7690/9130	2515/3150	2743/3270	3840/5820
04:30	5435/6840/6986	6840/7690	3150/4270/6498	2743/3270	3840/5820/7918/9202
05:00	3415/4165/6986	11565	4270/6498	3270/4800/4880	7918/9202/10648
05:30	5435	6840/7690	4270/6498	4880/6270	7918/9202
06:00	5435	4880/6498/6840/7690	6498	4880/5230	5820
06:30	5435/6986	6840/7690	No Reports	5230	5820
07:00	5435	9130/11565	No Reports	4880/5230	4560/5820
07:30	6986	6840	4270/6498	6270/7760	7918
08:00	6986	No Reports	5170/6498	6270	No Reports
08:30	6986	6840/7690	No Reports	6270	5820
09:00	6986	6840/7690	No Reports	No Reports	7918
09:30	6986	6840/7690/9130/15980	5170/6498	6270	6370
10:00	5435/6986	6840/7690	6498/8805	6270/7760	5820
10:30	5435	No Reports	6498	6270/7760	5820/10648
11:00	No Reports	No Reports	No Reports	6498	5820
11:30	5435/6986	6840	6498	No Reports	5820/7918
12:00	5435/6986	6840/9130/13533	5170/6498/14000	5230	9202/10648
12:30	6986	13533/15890/15980	6498/8805	No Reports	5820/7918
13:00	5435	6840/7690/9130	6498/8805	5230/6270	5820/7918
13:30	5435/6986	6840/7690/10648	No Reports	6270/7760	9202/10648
14:00	5435/6986	6840/6850/7690	4270	6270/7760	5820/7918
14:30	5435/6498/6986	6840/7690/9130/13533	5170/6498	4880/6270/7760	5820/6370
15:00	No Reports	6840/7690	5170/6498	6270/7760	5820
15:30	3415/4165	17410/19715	6498/8805	5230/5320/6270/14000	5820/6370
16:00	4165/5435	5230/6840/7690	4270/5820/6370/6498	2743/3270/4880/5230/6270/10648	2844/3840/6270
16:30	3415/4165/5435	6840/7690/9130/11565	4270/6498	2743/4880	2844/3840
17:00	2456/3415/5820	6840/9130/13533	3150/4270/6498	2743/3270/4270/4880/6270/32700	3840/4560
17:30	3415/4165/5435	6840/9130/11565/13533	3150/4270	3270/4880/6270	4560/5820/10648
18:00	3415/5435	4270/6840/7690/9130	4270/5170/6840	2743/3270/4880	2844/3840/4560
18:30	3415/4165/5435	3840/6840/9130/10648/11565/11656/13533	3150/4270/5170	3270/4270/4880/6270/7760	5820/9202/10648
19:00	2456/3415/5435/6986/9202	910/6840/7690/9130/11565	3150/4270	2743/3270/3840/4880	2844/3840/5820
19:30	2743/3270/3415/4270/5435/6986	6840/7690/9130	3150/4270	2743/3270/4880/5820/6840/7690	4560/5820/7918/9202/10648
20:00	2456/3415/5435/5453/6986	6840/7690/9130	3150/4270	2743/4880	4560/5820/9202
20:30	3415/5435/6986	6840/7690/9130	3150/4270/4560	2743/3270/4270/4880	3840/4560/5820
21:00	3415/5435	6840/7690/9130	2743/3150/4270/6498	2743/3270/4880/6840	3840/4560/5820
21:30	2456/3415/5435	4270/6840/7690/9130	2515/2743/3150/4270	2743/2744/3270/4880/5435	3840/4560/5435/5820

Time	ART	EZI	PCD	ULX	YHF
22:00	3415/5435/6986	6840/7690	3150/4270/7690	2743/3270/4880	2844/3840
22:30	2456/3415/7690	6840/7690/9130	3150/4270	2743/4880	3840/4560/5820/6370/7918
23:00	2456/3415	4270/6840	2515/3150/4270	2743/3270	2844/3840
23:30	3415/5435/6840	4270/6840/7690/9130	2515/3150/4270/6840/9130	3270	No Reports

Key

Slot logged within the last 2 months

Last log for this slot was received more than 2 months ago

No logs for this slot have been received

ART

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
29/01/2010	00:00	ART2			3415	Kroger	04/12/2009
31/01/2010	00:00	ART	13	RHTJD	3415	Hans S	31/01/2010
03/02/2010	00:00	ART	25	ZTBLZ	3415	Kroger	03/02/2010
04/02/2010	00:00	ART	18	IZJZG	3415/5435	Kroger	04/02/2010
17/02/2010	00:00	ART	60	ZPTAP	3415	Kroger	17/02/2010
14/01/2010	00:30	ART	25	GFCGS	3415	DanielE2Kde	14/01/2010
16/01/2010	00:30	ART	25	SMRCS	3415	Kroger	16/01/2010
03/02/2010	00:30	ART	15	ZSHSJ	3415	Kroger	03/02/2010
04/02/2010	00:30	ART	25	QIQRE	3415	Kroger	04/02/2010
17/02/2010	00:30	ART	68	MPBGI	3415	Kroger	17/02/2010
26/02/2010	00:30	ART	25	LRKZR	3415	Kroger	26/02/2010
16/01/2010	01:00	ART	26	ZQGTA	3415	DanielE2Kde	16/01/2010
02/02/2010	01:00	ART	29	HOQWD	7690	Luigi	02/02/2010
04/02/2010	01:00	ART	64	LBDSU	3415	Kroger	04/02/2010
17/02/2010	01:00	ART	52	XJUUE	3415	Kroger	17/02/2010
28/01/2010	01:30	ART2			3415	w0ese	04/12/2009
31/01/2010	01:30	ART	47	RHJFE	3415	w0ese	31/01/2010
02/02/2010	01:30	ART	47	RHJFX	7690	DanielAR	02/02/2010
04/02/2010	01:30	ART	20	CEKBT	3415	Kroger	04/02/2010
17/02/2010	01:30	ART	49	AITBH	3415	Kroger	17/02/2010
26/02/2010	01:30	ART	66	ELVPM	3415	Kroger	26/02/2010
18/01/2010	02:00	ART	17	TKQCX	3415/5435	Kroger	18/01/2010
04/02/2010	02:00	ART	33	THQUM	3415/5435	w0ese	04/02/2010
06/02/2010	02:00	ART	21	ZLGTR	3415	w0ese	06/02/2010
10/02/2010	02:00	ART	62	WJRZM	3415	w0ese	10/02/2010
17/02/2010	02:00	ART	46	VVHDX	3415/5435	Kroger	17/02/2010
27/02/2010	02:00	ART	20	BIVNN	3415/5435	Kroger	27/02/2010
	02:30						
19/01/2010	03:00	ART2			3415	Kroger	
	03:30						

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
05/12/2009	04:00	ART	35	JZIMG	3415	Kroger	05/12/2009
31/01/2010	04:30	ART	21	FENUP	5435	w0ese	31/01/2010
04/02/2010	05:00	ART2			3415/4165	Kroger	
13/02/2010	05:30	ART2			5435	E10 Desk	
13/02/2010	06:00	ART2			5435	E10 Desk	
11/02/2010	06:30	ART	21	ZLGTR	6986	Baris	11/02/2010
07/11/2008	07:00	ART	100	DDOWB	5435	Manolis	07/11/2008
11/02/2010	07:30	ART	18	LQBZX	6986	Baris	11/02/2010
11/02/2010	08:00	ART	92	ANHRT	6986	Baris	11/02/2010
11/02/2010	08:30	ART	62	MJFJP	6986	Baris	11/02/2010
12/02/2010	09:00	ART	68	JBDXM	6986	Baris	12/02/2010
19/01/2010	09:30	ART	51	ITKKY	6986	ElmarE2Kde	03/12/2009
11/02/2010	09:30	ART	11	ZEDBM	6986	Baris	11/02/2010
11/02/2010	10:00	ART	100	JIXII	6986	Baris	11/02/2010
18/03/2009	10:30	ART2			5435		
	11:00						
11/02/2010	11:30	ART	88	VURZL	6986	Baris	11/02/2010
11/02/2010	12:00	ART2			6986	Baris	
17/02/2010	12:00	ART	60	ZPXAP	6986	ElmarE2Kde	17/02/2010
11/02/2010	12:30	ART2			6986	Baris	
01/01/2010	13:00	ART	21	GBKCQ	5435	DanielE2Kde	01/01/2010
11/02/2010	13:30	ART	16	HMWPU	6986	Baris	11/02/2010
01/01/2010	14:00	ART	49	TCLJG	5435	DanielE2Kde	01/01/2010
30/01/2010	14:00	ART	39	WYHRI	6986	udxf_y255	30/01/2010
11/02/2010	14:00	ART	13	IXRGC	6986	Baris	11/02/2010
01/01/2010	14:30	ART	7	EMRZD	5435	DanielE2Kde	01/01/2010
17/01/2010	14:30	ART	23	JHNVV	6986	DanielE2Kde	17/01/2010
30/01/2010	14:30	ART	31	JTRAB	6986	udxf_y255	30/01/2010
11/02/2010	14:30	ART	21	OJGOG	6986	Baris	11/02/2010
27/02/2010	14:30	ART	7	LKMSH	6986	E10 Agent	27/02/2010
	15:00						
06/11/2009	15:30	ART	11	WGEIU	3415/4165	Sam	06/11/2009
01/01/2010	16:00	ART	29	HOQWD	5435	E10 Desk	22/12/2009
02/02/2010	16:00	ART	153	FMOJH	4165/5435	Kroger	02/02/2010
11/02/2010	16:00	ART	19	QONHJ	5435	Alan G	11/02/2010
29/01/2010	16:30	ART	19	DNFQS	4165	E10 Desk	29/01/2010
02/02/2010	16:30	ART	33	FCQHY	4165	Kroger	02/02/2010
26/12/2009	17:00	ART	20	DVXTM	3415	ElmarE2Kde	26/12/2009
15/01/2010	17:30	ART	13	RHTJD	5435	E10 Desk	15/01/2010
30/01/2010	18:00	ART	20	VWOZU	5435	RE	30/01/2010
31/01/2010	18:00	ART	84	IHNTC	5435	DanielE2Kde	31/01/2010
16/02/2010	18:00	ART	20	VGSNM	5435	Kroger	16/02/2010
28/11/2009	18:30	ART	55	GTQBT	3415	E10 Desk	28/11/2009

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
14/01/2010	19:00	ART	13	GMNZQ	5435/6986	Sam	14/01/2010
28/01/2010	19:00	ART	38	OXPBS	3415	Kroger	28/01/2010
27/02/2010	19:00	ART	8	UZDYQ	3415	E10 Agent	27/02/2010
02/01/2010	19:30	ART	12	PUTSN	5435	E10 Desk	02/01/2010
17/01/2010	19:30	ART	7	ZERWL	5435	E10 Desk	17/01/2010
18/01/2010	19:30	ART	17	KBJSH	5435	E10 Desk	18/01/2010
28/01/2010	19:30	ART	16	HMWPU	5435/6986	Kroger	28/01/2010
02/02/2010	19:30	ART	85	YTMDK	5435/6986	Kroger	02/02/2010
16/02/2010	19:30	ART	51	PBILC	3415	Kroger	16/02/2010
21/02/2010	19:30	ART	19	LQGHG	6986	ElmarE2Kde	21/02/2010
28/01/2010	20:00	ART	32	LUBFV	3415	Kroger	28/01/2010
16/02/2010	20:00	ART	68	XBIBA	3415	Kroger	16/02/2010
12/01/2010	20:30	ART	39	WYHRI	3415	ElmarE2Kde	12/01/2010
02/02/2010	20:30	ART	21	YUFJQ	5435	Kroger	02/02/2010
16/02/2010	20:30	ART	99	HLJZO	3415	Kroger	16/02/2010
31/01/2010	21:00	ART	16	EMJEX	3415	DanielE2Kde	31/01/2010
01/01/2010	21:30	ART	48	NWBCC	3415	DanielE2Kde	01/01/2010
07/01/2010	21:30	ART	33	LSLPN	2456/3415	Alan G	07/01/2010
16/02/2010	21:30	ART	9	DGAEH	3415	Kroger	16/02/2010
21/02/2010	21:30	ART2			3415	ElmarE2Kde	16/02/2010
17/01/2010	22:00	ART	21	HTANB	3415	DanielE2Kde	17/01/2010
18/01/2010	22:00	ART	34	WXOXG	3415/5435	Kroger	18/01/2010
21/01/2010	22:00	ART	60	ZGGEN	3415/5435	Kroger	21/01/2010
16/02/2010	22:00	ART	19	TXDMN	5435	Kroger	16/02/2010
21/02/2010	22:00	ART	17	FBOXL	5435	ElmarE2Kde	21/02/2010
21/01/2010	22:30	ART	18	IZJZG	3415	Kroger	23/01/2008
02/02/2010	22:30	ART2			3415	Kroger	01/02/2010
16/02/2010	22:30	ART	18	IZJZG	3415	Kroger	23/01/2008
22/01/2010	23:00	ART2			3415	Kroger	27/09/2009
15/01/2010	23:30	ART	17	ONGRF	5435	Kroger	15/01/2010
28/01/2010	23:30	ART2			3415/5435	Kroger	15/01/2010

EZI

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
25/02/2010	00:00	EZI	17	WLTOY	9130	DanielAR	25/02/2010
01/09/2008	00:30	EZI2			6840/9130		
04/01/2010	01:00	EZI	70	DXYTI	7690	DanielAR	23/12/2009
10/02/2010	01:00	EZI	68	SMQMM	6840	DanielAR	10/02/2010
12/02/2010	01:00	EZI	70	DXYTI	7690	DanielAR	23/12/2009
07/01/2010	01:30	EZI	15	DOQLX	6840	DanielAR	07/01/2010
13/01/2010	01:30	EZI	28	PFUJY	6840	DanielAR	13/01/2010
16/01/2010	01:30	EZI2			6840/9130	Kroger	13/01/2010

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
18/01/2010	01:30	EZI	60	SDNCA	6840	DanielAR	18/01/2010
20/01/2010	01:30	EZI	25	VLDWP	6840	DanielAR	20/01/2010
25/01/2010	01:30	EZI	25	WDBDR	6840	DanielAR	25/01/2010
27/01/2010	01:30	EZI	70	DXYTI	7690	DanielAR	27/01/2010
01/02/2010	01:30	EZI	42	LGUHP	6840	DanielAR	01/02/2010
04/02/2010	01:30	EZI	95	TTQPS	6840	w0ese	04/02/2010
05/02/2010	01:30	EZI	70	DXYTI	7690	DanielAR	27/01/2010
09/02/2010	01:30	EZI	64	HCMNS	9130	DanielAR	09/02/2010
10/02/2010	01:30	EZI	68	SMQMM	6840	w0ese	10/02/2010
22/02/2010	01:30	EZI	39	MISMT	6840	DanielAR	22/02/2010
27/02/2010	01:30	EZI	12	HVNIU	6840	DanielAR	27/02/2010
09/01/2010	02:00	EZI2			7690	DanielAR	26/09/2008
09/01/2010	02:30	EZI	12	JREZT	6840	DanielAR	09/01/2010
04/02/2010	02:30	EZI	37	LYWCR	6840	Kroger	04/02/2010
05/02/2010	02:30	EZI	15	HMVEV	9130	DanielAR	05/02/2010
09/02/2010	02:30	EZI	53	AJAVM	6840	DanielAR	09/02/2010
11/02/2010	02:30	EZI	56	MBQPI	6840	DanielAR	11/02/2010
12/02/2010	02:30	EZI	37	QCCHI	6840	DanielAR	12/02/2010
13/02/2010	02:30	EZI	68	SMQMM	9130	DanielAR	13/02/2010
14/02/2010	02:30	EZI	42	QZJDV	7690	DanielAR	14/02/2010
15/02/2010	02:30	EZI	37	LYWCR	6840	DanielAR	04/02/2010
05/01/2010	03:00	EZI	57	ULAHF	7690	DanielAR	05/01/2010
07/01/2010	03:00	EZI	15	DOQLX	7690	DanielAR	07/01/2010
17/01/2010	03:00	EZI	55	ESLRJ	7690	DanielAR	17/01/2010
31/01/2010	03:00	EZI	54	OJAVM	6840/7690	w0ese	31/01/2010
07/02/2010	03:00	EZI	53	AJAVM	7690	DanielAR	07/02/2010
27/02/2010	03:00	EZI	15	AATZM	7690	DanielAR	27/02/2010
17/01/2010	03:30	EZI2			6840	DanielAR	11/03/2009
30/01/2010	04:00	EZI	84	FBJAV	6840	westt1us	30/01/2010
04/02/2010	04:00	EZI	95	TTQPS	6840/7690	Kroger	04/02/2010
31/01/2010	04:30	EZI	46	XUYBA	7690	w0ese	31/01/2010
04/02/2010	04:30	EZI	86	GUYOM	6840/7690	Kroger	04/02/2010
23/02/2010	04:30	EZI	80	XRNEL	6840	DanielAR	23/02/2010
17/02/2010	05:00	EZI	94	UBKPK	11565	Westt1us	17/02/2010
04/02/2010	05:30	EZI	15	HMVXV	6840/7690	Kroger	04/02/2010
04/02/2010	06:00	EZI	28	LUTFV	4880/6840	Kroger	04/02/2010
29/12/2009	06:30	EZI2			7690	AlbinoDragon	
04/02/2010	07:00	EZI	85	DSKDD	9130	Kroger	04/02/2010
16/12/2009	07:30	EZI	79	TXVTX	6840	FN	16/12/2009
	08:00						
17/02/2010	08:30	EZI	6	WRUMD	6840	ElmarE2Kde	17/02/2010
08/01/2010	09:00	EZI	16	JIIIU	6840/7690	Alan G	08/01/2010
15/02/2010	09:00	EZI	78	WQWBR	7690	Baris	15/02/2010

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
17/02/2010	09:30	EZI2			9130	ElmarE2Kde	29/12/2009
15/02/2010	10:00	EZI	37	QCCHI	7690	Baris	15/02/2010
	10:30						
	11:00						
15/12/2009	11:30	EZI	45	MPMUO	6840	Baris	15/12/2009
01/01/2010	12:00	EZI2			6840/9130	E10 Desk	13/12/2009
26/01/2010	12:30	EZI2			13533/15980	E10 Desk	
17/02/2010	13:00	EZI2			7690	Baris	
14/02/2010	13:30	EZI2			7690	E10 Desk	
06/01/2010	14:00	EZI	36	SSZSL	6840	ElmarE2Kde	06/01/2010
17/01/2010	14:00	EZI2			6840	DanielE2Kde	06/01/2010
31/01/2010	14:00	EZI1			7690	E10 Desk	06/01/2010
17/02/2010	14:00	EZI	66	OPEAB	7690	Baris	17/02/2010
22/02/2010	14:00	EZI1			7690	Hans S	17/02/2010
06/01/2010	14:30	EZI	30	MDZRU	6840	ElmarE2Kde	12/12/2009
17/02/2010	14:30	EZI	35	OQQJZ	7690	Baris	17/02/2010
01/01/2010	15:00	EZI2			7690	E10 Desk	
02/01/2010	15:30	EZI	83	MWSJJ	19715	DanielAR	23/12/2009
13/01/2010	15:30	EZI	81	IZUVU	19715	DanielAR	13/01/2010
14/01/2010	15:30	EZI	74	YCJFR	19715	DanielAR	14/01/2010
18/01/2010	15:30	EZI	73	BCJFR	19715	DanielAR	18/01/2010
09/02/2010	15:30	EZI	56	MBQPI	19715	DanielAR	09/02/2010
01/01/2010	16:00	EZI2			6840	E10 Desk	
30/01/2010	16:30	EZI	93	EZLSP	9130/11565	Mike L	03/09/2009
15/01/2010	17:00	EZI2			6840/9130	E10 Desk	13/10/2009
06/01/2010	17:30	EZI2			13533	DanielAR	16/10/2009
15/01/2010	18:00	EZI2			6840	Kroger	14/05/2009
07/01/2010	18:30	EZI	11	FZAXC	11565	DanielAR	07/01/2010
30/01/2010	18:30	EZI	89	APCFB	11565	DanielAR	30/01/2010
06/02/2010	18:30	EZI	11	FZAXC	13533	DanielAR	07/01/2010
13/02/2010	18:30	EZI	11	VJZFN	11565	DanielAR	13/02/2010
14/01/2010	19:00	EZI	47	RJJZV	6840	Sam	14/01/2010
28/01/2010	19:00	EZI	57	NMEMW	9130	Kroger	28/01/2010
02/02/2010	19:00	EZI	37	NDNLN	6840	Kroger	02/02/2010
10/02/2010	19:00	EZI	75	SXZZG	6840/9130	E10 Desk	10/02/2010
23/02/2010	19:00	EZI	9	ABAUC	9130	DanielAR	23/02/2010
12/01/2010	19:30	EZI	10	WVTOH	6840	E10 Desk	12/01/2010
12/02/2010	19:30	EZI	29	PIGKY	6840	ElmarE2Kde	12/02/2010
12/01/2010	20:00	EZI2			6840	ElmarE2Kde	
14/01/2010	20:30	EZI	23	CXMVM	6840/9130	Sam	14/01/2010
18/01/2010	20:30	EZI	10	WVTOH	6840/9130	Kroger	18/01/2010
21/01/2010	20:30	EZI	25	WUDFQ	6840	Kroger	21/01/2010
03/01/2010	21:00	EZI	35	IXLZU	7690	DanielAR	03/01/2010

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
06/01/2010	21:00	EZI1			7690	DanielAR	03/01/2010
19/01/2010	21:00	EZI	21	IRZUG	6840	DanielAR	19/01/2010
26/01/2010	21:00	EZI2			6840/7690	Alan G	19/01/2010
31/01/2010	21:00	EZI1			7690	DanielAR	19/01/2010
02/02/2010	21:00	EZI	73	GBFQJ	6840/7690	Kroger	02/02/2010
03/02/2010	21:00	EZI1			6840	Baris	02/02/2010
04/02/2010	21:00	EZI	62	VDIHB	7690	DanielAR	04/02/2010
05/02/2010	21:00	EZI1			7690	DanielAR	04/02/2010
16/02/2010	21:00	EZI	6	WRUMD	6840/7690	Kroger	16/02/2010
20/02/2010	21:00	EZI1			7690	DanielAR	16/02/2010
21/02/2010	21:00	EZI	93	FGALC	6840	ElmarE2Kde	21/02/2010
24/02/2010	21:00	EZI	59	AADNB	6840	DanielAR	24/02/2010
03/01/2010	21:30	EZI	21	VVVUD	7690	DanielAR	07/12/2009
03/01/2010	22:00	EZI	14	JZMNN	7690	DanielAR	30/12/2009
12/01/2010	22:00	EZI	21	IRZUG	6840	ElmarE2Kde	12/01/2010
26/01/2010	22:00	EZI	13	CGWNB	6840	Alan G	26/01/2010
27/01/2010	22:00	EZI	14	ZGQSX	7690	DanielAR	27/01/2010
08/02/2010	22:00	EZI2			7690	DanielAR	27/01/2010
26/02/2010	22:00	EZI	35	GPZAT	7690	DanielAR	26/02/2010
08/01/2010	22:30	EZI	50	BZFLE	7690	DanielAR	08/01/2010
12/01/2010	22:30	EZI	40	EOGZC	6840	DanielAR	12/01/2010
18/01/2010	22:30	EZI	52	PJVUX	7690	DanielAR	18/01/2010
20/01/2010	22:30	EZI	21	IRZUG	6840/7690	Sam	20/01/2010
22/01/2010	22:30	EZI	53	PJVUX	6840	DanielAR	22/01/2010
26/01/2010	22:30	EZI	18	VXKFT	6840	DanielAR	26/01/2010
02/02/2010	22:30	EZI	51	DZMQM	7690	DanielAR	02/02/2010
05/02/2010	22:30	EZI	14	ZGQSX	6840	DanielAR	05/02/2010
16/02/2010	22:30	EZI	67	UODIR	6840	Kroger	16/02/2010
21/02/2010	22:30	EZI	54	SFCCF	6840	ElmarE2Kde	21/02/2010
26/02/2010	22:30	EZI	20	PDSFM	7690	DanielAR	26/02/2010
27/10/2009	23:00	EZI2			4270	ElmarE2Kde	
03/01/2010	23:30	EZI2			6840	DanielAR	27/12/2009
10/01/2010	23:30	EZI	17	GPPHA	9130	DanielAR	10/01/2010
12/01/2010	23:30	EZI	17	ONGRF	6840	Mike L	12/01/2010
28/01/2010	23:30	EZI	26	VTPKZ	6840/9130	Kroger	28/01/2010
02/02/2010	23:30	EZI2			6840/9130	Kroger	28/01/2010
06/02/2010	23:30	EZI	62	XTJIA	9130	DanielAR	06/02/2010
10/02/2010	23:30	EZI	17	SRVHK	9130	DanielAR	10/02/2010
22/02/2010	23:30	EZI	6	GOCTO	9130	DanielAR	22/02/2010

PCD

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
01/01/2010	00:00	PCD	15	ATVCJ	3150	E10 Desk	01/01/2010
14/01/2010	00:30	PCD	38	SJIYZ	3150	DanielE2Kde	14/01/2010
03/02/2010	00:30	PCD	38	DMWOL	2515/3150	Kroger	03/02/2010
	01:00						
	01:30						
19/01/2010	02:00	PCD	15	UPUMN	3150/4270	Kroger	19/01/2010
04/02/2010	02:00	PCD	47	BGBBT	3150/4270	Kroger	04/02/2010
17/02/2010	02:00	PCD	73	SUDRK	3150/4270	Kroger	17/02/2010
18/02/2010	02:00	PCD	96	WRESL	4270	w0ese	18/02/2010
26/02/2010	02:00	PCD	73	HYDMS	3150/4270	Kroger	26/02/2010
17/02/2010	02:30	PCD	65	TPQIT	3150	Kroger	17/02/2010
27/01/2010	03:00	PCD	14	RPPSY	2515/3150	DanielE2Kde	27/01/2010
27/02/2010	03:00	PCD	8	URPJA	3150	E10 Agent	27/02/2010
31/01/2010	03:30	PCD2			4270	w0ese	
28/12/2009	04:00	PCD2			3150	AlbinoDragon	19/11/2009
04/02/2010	04:30	PCD	57	YTDEE	6498	Kroger	04/02/2010
04/02/2010	05:00	PCD	57	YTDEE	4270	Kroger	04/02/2010
04/02/2010	05:30	PCD	36	YSZVG	4270/6498	Kroger	04/02/2010
28/12/2009	06:00	PCD2			6498	AlbinoDragon	
	06:30						
	07:00						
19/01/2010	07:30	PCD	56	MMJRC	6498	Manolis	19/01/2010
08/12/2009	08:00	PCD2			6498	AlanG	
	08:30						
	09:00						
23/02/2010	09:30	PCD	77	WLHOQ	6498	Baris	23/02/2010
23/02/2010	10:00	PCD2			6498	Baris	22/01/2008
23/02/2010	10:30	PCD	15	HYSRC	6498	Baris	23/02/2010
	11:00						
23/02/2010	11:30	PCD	21	DZSOY	6498	Baris	23/02/2010
23/02/2010	12:00	PCD2			6498	Baris	
14/02/2010	12:30	PCD	62	TSZWO	6498	Baris	14/02/2010
23/02/2010	12:30	PCD	45	IQIOG	6498	Baris	23/02/2010
16/02/2010	13:00	PCD2			8805	ElmarE2Kde	
	13:30						
28/10/2009	14:00	PCD	44	CCSKP	4270	Manolis	28/10/2009
05/01/2010	14:30	PCD	14	WCICU	6498	E10 Desk	05/01/2010
01/01/2010	15:00	PCD2			5170	DanielE2Kde	26/12/2009
15/01/2010	15:00	PCD	31	HXUKD	6498	Kroger	15/01/2010
23/02/2010	15:00	PCD	15	UNRYE	6498	Baris	23/02/2010
15/01/2010	15:30	PCD	14	UYKQN	6498/8805	Kroger	15/01/2010
11/02/2010	15:30	PCD	16	JUNXZ	6498/8805	Alan G	11/02/2010
16/02/2010	15:30	PCD	17	OPMWM	8805	Kroger	16/02/2010

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
23/02/2010	15:30	PCD	16	XXIYP	6498	Baris	23/02/2010
01/01/2010	16:00	PCD2			6498	E10 Desk	16/04/2009
15/01/2010	16:30	PCD	15	ATVCJ	4270/6498	Kroger	15/01/2010
19/01/2010	16:30	PCD	42	IEUJO	6498	Sam	19/01/2010
02/02/2010	16:30	PCD	49	VBEVQ	4270/6498	Kroger	02/02/2010
15/01/2010	17:00	PCD2			4270	Kroger	29/03/2008
15/01/2010	17:30	PCD2			4270	E10 Desk	
15/01/2010	18:00	PCD	8	KLPNI	4270	Kroger	15/01/2010
18/01/2010	18:00	PCD	42	IEUJO	4270	E10 Desk	18/01/2010
29/01/2010	18:00	PCD	34	HLTGO	4270/5170	Alan G	29/01/2010
16/02/2010	18:00	PCD	86	QZQDW	4270/5170	Kroger	16/02/2010
12/01/2010	18:30	PCD2			4270	E10 Desk	12/10/2008
02/01/2010	19:00	PCD2			4270	E10 Desk	24/10/2009
02/01/2010	19:30	PCD2			4270	E10 Desk	07/06/2009
14/01/2010	20:00	PCD2			3150/4270	Alan G	23/10/2009
14/01/2010	20:30	PCD2			4270	E10 Desk	10/11/2009
18/01/2010	20:30	PCD	66	IEZLK	4270	Kroger	18/01/2010
23/01/2010	20:30	PCD	31	SUSCH	3150/4270	DanielE2Kde	23/01/2010
28/01/2010	20:30	PCD	19	IGESI	4270	Kroger	28/01/2010
21/02/2010	20:30	PCD	21	UJHGS	3150	ElmarE2Kde	21/02/2010
01/01/2010	21:00	PCD	8	KLPVI	4270	DanielE2Kde	01/01/2010
18/01/2010	21:00	PCD	16	CZOFO	4270/6498	Kroger	18/01/2010
28/01/2010	21:00	PCD	19	IGESI	4270	Kroger	28/01/2010
31/01/2010	21:00	PCD2			3150/4270	DanielE2Kde	28/01/2010
02/02/2010	21:00	PCD	19	HYPDZ	4270	Kroger	02/02/2010
12/02/2010	21:00	PCD	10	YLEUP	6498	ElmarE2Kde	12/02/2010
16/02/2010	21:00	PCD	7	DDWPI	4270/6498	Kroger	16/02/2010
26/02/2010	21:00	PCD	22	HRICB	4270/6498	Alan G	26/02/2010
07/01/2010	21:30	PCD2			2515/3150	Alan G	17/10/2009
17/01/2010	22:00	PCD	17	JOEED	4270	DanielE2Kde	17/01/2010
21/01/2010	22:00	PCD	17	JAEED	4270	Kroger	21/01/2010
23/01/2010	22:00	PCD	17	JOEED	3150/4270	DanielE2Kde	17/01/2010
26/01/2010	22:00	PCD2			3150/4270	Alan G	23/01/2010
01/02/2010	22:00	PCD	21	CQBEN	7690	DanielAR	01/02/2010
16/01/2010	22:30	PCD2			4270	E10 Desk	
16/02/2010	23:00	PCD	22	IVUZO	2515/3150	Kroger	16/02/2010
21/02/2010	23:00	PCD2			3150	ElmarE2Kde	16/02/2010
25/02/2010	23:00	PCD	15	UNRYE	2515/3150	Alan G	25/02/2010
16/01/2010	23:30	PCD	17	GPQUD	9130	DanielAR	16/01/2010
16/02/2010	23:30	PCD	40	YFTFI	3150	Kroger	16/02/2010
21/02/2010	23:30	PCD	50	IBJLZ	3150	ElmarE2Kde	21/02/2010

ULX

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
16/01/2010	00:00	ULX	40	SKNTN	3270	Kroger	16/01/2010
16/01/2010	00:30	ULX	25	LKIVV	3270	Kroger	16/01/2010
03/02/2010	00:30	ULX	50	NEMXN	2743	Kroger	03/02/2010
04/02/2010	00:30	ULX	50	NTMXI	3270	Kroger	04/02/2010
17/02/2010	00:30	ULX	93	YEAQC	2743/3270	Kroger	17/02/2010
26/02/2010	00:30	ULX	92	YEAJC	2743/3270	Kroger	26/02/2010
04/02/2010	01:00	ULX	87	NTXPH	3270	Kroger	04/02/2010
17/02/2010	01:00	ULX2			2743/3270	Kroger	04/02/2010
	01:30						
18/01/2010	02:00	ULX	95	IKGXM	4880	Kroger	18/01/2010
18/02/2010	02:00	ULX	49	RVKLG	4880	w0ese	18/02/2010
26/02/2010	02:00	ULX	95	IKGXM	2743/4880	Kroger	18/01/2010
20/01/2010	02:30	ULX1			2743/4880	w0ese	05/12/2009
31/01/2010	02:30	ULX2			4880	w0ese	05/12/2009
17/02/2010	02:30	ULX	66	JVPFQ	4880	Kroger	17/02/2010
18/02/2010	02:30	ULX	49	RVKLG	6840	w0ese	18/02/2010
25/02/2010	02:30	ULX2			4880	Hans S	18/02/2010
	03:00						
17/01/2010	03:30	ULX2			4880	w0ese	14/11/2008
04/02/2010	04:00	ULX	65	TBJAY	2743	Kroger	04/02/2010
31/01/2010	04:30	ULX2			3270	w0ese	
14/01/2010	05:00	ULX2			4800	Hans S	
04/02/2010	05:30	ULX	34	LSPHY	4880	Kroger	04/02/2010
16/03/2009	06:00	ULX	29	QALLA	4880	scamozzi2000	16/03/2009
14/11/2009	06:30	ULX	8	GFFAY	5230	E10 Agent	14/11/2009
30/12/2008	07:00	ULX	6	EVJBU	4880/5230	E10 Agent	30/12/2008
19/01/2010	07:30	ULX2			6270/7760	Manolis	
16/12/2009	08:00	ULX2			6270	FN	04/02/2008
14/12/2009	08:30	ULX2			6270	FN	
	09:00						
23/02/2010	09:30	ULX	21	EXTFQ	6270	Baris	23/02/2010
19/01/2010	10:00	ULX	11	SIBXA	7760	ElmarE2Kde	19/01/2010
19/01/2010	10:30	ULX	45	GATCD	7760	ElmarE2Kde	19/01/2010
19/03/2009	11:00	ULX	81	GNJFZ	6498	scamozzi2000	19/03/2009
	11:30						
14/03/2009	12:00	ULX	31	LQGJR	5230	scamozzi2000	14/03/2009
	12:30						
17/02/2010	13:00	ULX2			6270	ElmarE2Kde	
16/02/2010	13:30	ULX	27	WUWIV	7760	ElmarE2Kde	16/02/2010
05/01/2010	14:00	ULX	10	MYFVN	7760	E10 Desk	05/01/2010
20/02/2010	14:00	ULX	8	AIVUU	7760	E10 Agent	20/02/2010
01/01/2010	14:30	ULX	16	MTYLM	4880	DanielE2Kde	01/01/2010

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
01/01/2010	15:00	ULX	16	QVESQ	7760	E10 Desk	01/01/2010
15/01/2010	15:00	ULX	46	KABVI	7760	Kroger	15/01/2010
11/02/2010	15:00	ULX	22	KOBTV	7760	Alan G	11/02/2010
24/01/2010	15:30	ULX1			14000	w0ese	09/11/2009
11/02/2010	16:00	ULX2			10648	Alan G	05/12/2007
19/01/2010	16:30	ULX2			4880	Sam	06/02/2008
26/01/2010	17:00	ULX2			4270	E10 Desk	13/10/2009
15/01/2010	17:30	ULX	16	LDXSK	4880	Kroger	15/01/2010
16/02/2010	17:30	ULX	46	UFGBD	4880	Kroger	16/02/2010
18/01/2010	18:00	ULX2			4880	E10 Desk	
05/01/2010	18:30	ULX	60	EFQLD	4270	E10 Desk	05/01/2010
23/01/2010	19:00	ULX2			3270	DanielE2Kde	16/04/2009
02/01/2010	19:30	ULX2			3270	E10 Desk	16/04/2009
14/01/2010	20:00	ULX	7	CUURN	2743/4880	Alan G	14/01/2010
23/01/2010	20:30	ULX2			3270	DanielE2Kde	
23/01/2010	21:00	ULX	17	GOSGZ	3270	DanielE2Kde	23/01/2010
26/02/2010	21:00	ULX	50	AZEAT	2743/3270	Alan G	26/02/2010
01/01/2010	21:30	ULX	90	IZJLZ	4880	DanielE2Kde	01/01/2010
18/01/2010	21:30	ULX	92	UIEHE	2743/4880	Kroger	18/01/2010
23/01/2010	21:30	ULX	87	HHBYH	4880	DanielE2Kde	23/01/2010
16/02/2010	21:30	ULX	16	QYHDD	2743/4880	Kroger	16/02/2010
26/01/2010	22:00	ULX2			3270	Alan G	06/11/2008
01/01/2010	22:30	ULX	100	EGAOX	4880	DanielE2Kde	01/01/2010
17/01/2010	22:30	ULX	21	IIIB	4880	DanielE2Kde	17/01/2010
17/01/2010	22:30	ULX	100	EGAOX	4880	DanielE2Kde	01/01/2010
18/01/2010	22:30	ULX	21	IIIB	4880	Kroger	17/01/2010
20/01/2010	22:30	ULX2			4880	Sam	18/01/2010
21/01/2010	22:30	ULX	17	GOSGZ	4880	Kroger	21/01/2010
02/02/2010	22:30	ULX	20	YSOBM	4880	Kroger	02/02/2010
12/02/2010	22:30	ULX	21	IIIB	4880	ElmarE2Kde	17/01/2010
16/02/2010	22:30	ULX	94	JSZBM	4880	Kroger	16/02/2010
13/01/2010	23:00	ULX	27	PGNLM	2743/3270	Mike L	13/01/2010
21/02/2010	23:00	ULX	50	KLRYQ	3270	ElmarE2Kde	21/02/2010
25/02/2010	23:00	ULX	50	KLRYN	2743	Alan G	25/02/2010
08/08/2008	23:30	ULX	33	ARIID	3270	E10 Desk	08/08/2008

YHF

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
06/01/2010	00:00	YHF	14	HVLZY	3840	E10 Desk	06/01/2010
11/01/2010	00:00	YHF	16	WTZIQ	3840	E10 Desk	11/01/2010
17/01/2010	00:00	YHF	50	EBIIT	3840	Kroger	17/01/2010
18/01/2010	00:00	YHF	92	QEXBM	3840	Kroger	18/01/2010
29/01/2010	00:00	YHF	68	RHKCC	3840	Kroger	29/01/2010

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
11/02/2010	00:00	YHF	79	WJDTP	3840	E10 Desk	11/02/2010
17/02/2010	00:00	YHF	15	AJMJH	2844/3840	Kroger	17/02/2010
26/02/2010	00:00	YHF	89	HBZMQ	3840	Kroger	26/02/2010
10/08/2009	00:30	YHF	78	RLQMA	3840	E10 Desk	10/08/2009
	01:00						
06/01/2010	01:30	YHF	10	EUIEB	3840	E10 Desk	28/12/2009
11/01/2010	01:30	YHF	7	SABXO	3840	E10 Desk	11/01/2010
27/02/2010	01:30	YHF	88	VJWYH	2844/3840	Kroger	27/02/2010
09/01/2010	02:00	YHF2			7918	DanielAR	09/09/2009
04/02/2010	02:30	YHF	81	PUSSY	3840	Kroger	04/02/2010
27/02/2010	02:30	YHF	99	GXXZE	3840	Kroger	27/02/2010
	03:00						
31/01/2010	03:30	YHF	68	CTZQE	3840	w0ese	31/01/2010
04/02/2010	03:30	YHF	28	AYQCT	3840	Kroger	04/02/2010
04/02/2010	04:00	YHF	67	VDUYC	3840/5820	Kroger	04/02/2010
04/02/2010	04:30	YHF	8	OLJVB	5820	Kroger	04/02/2010
23/02/2010	04:30	YHF	11	PMKFB	7918	DanielAR	23/02/2010
21/09/2009	05:00	YHF	50	UHHRA	7918/9202	AlbinoDragon	20/09/2009
15/02/2010	05:30	YHF	23	NPQKB	7918	westt1us	15/02/2010
04/02/2010	06:00	YHF	28	AYVCT	5820	Kroger	04/02/2010
09/11/2009	06:30	YHF2			5820	AlbinoDragon	
18/03/2009	07:00	YHF2			4560/5820		
10/12/2009	07:30	YHF	67	NCLRC	7918	FN	10/12/2009
	08:00						
10/12/2009	08:30	YHF2			5820	FN	
17/02/2010	09:00	YHF	17	PRUBM	7918	ElmarE2Kde	17/02/2010
03/12/2009	09:30	YHF2			6370	FN	
17/02/2010	10:00	YHF2			5820	Baris	
19/02/2010	10:30	YHF	37	CZJIZ	5820	Baris	19/02/2010
19/01/2010	11:00	YHF	45	XIOMZ	5820	ElmarE2Kde	19/01/2010
19/02/2010	11:00	YHF	47	DUKBY	5820	Baris	19/02/2010
17/02/2010	11:30	YHF2			7918	ElmarE2Kde	
01/01/2010	12:00	YHF2			9202/10648	E10 Desk	12/02/2009
19/02/2010	12:30	YHF	51	GWGSK	5820	Baris	19/02/2010
17/02/2010	13:00	YHF	30	VNADC	7918	ElmarE2Kde	17/02/2010
31/01/2010	13:30	YHF	8	OVSVD	10648	E10 Desk	31/01/2010
14/02/2010	13:30	YHF2			9202/10648	E10 Desk	31/01/2010
05/01/2010	14:00	YHF2			7918	E10 Desk	
17/01/2010	14:30	YHF	28	BCSNX	6370	DanielE2Kde	17/01/2010
01/01/2010	15:00	YHF	41	LSIFV	5820	DanielE2Kde	01/01/2010
17/01/2010	15:00	YHF	85	CSPYL	5820	DanielE2Kde	17/01/2010
15/01/2010	15:30	YHF	94	MWWZE	5820	Kroger	27/12/2009
16/02/2010	16:00	YHF2			6270	Hans S	

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
02/02/2010	16:30	YHF	16	BHFIU	3840	Kroger	02/02/2010
16/02/2010	16:30	YHF	85	CTKYH	2844	Kroger	16/02/2010
15/01/2010	17:00	YHF2			4560	E10 Desk	
16/01/2010	17:30	YHF	27	IVYBM	5820	Kroger	16/01/2010
26/01/2010	17:30	YHF2			4560	E10 Desk	16/01/2010
27/02/2010	17:30	YHF	8	BUCTI	4560	E10 Agent	27/02/2010
15/01/2010	18:00	YHF	37	GGIIU	3840	Kroger	15/01/2010
26/01/2010	18:00	YHF	37	BGGOV	3840	E10 Desk	26/12/2009
16/02/2010	18:00	YHF	37	OGKKJ	3840/4560	Kroger	16/02/2010
12/01/2010	18:30	YHF	29	JZEIV	10648	E10 Desk	12/01/2010
24/01/2010	18:30	YHF	17	ZDIXS	10648	DanielAR	24/01/2010
01/02/2010	18:30	YHF	37	YWWCY	10648	DanielAR	01/02/2010
04/02/2010	18:30	YHF	45	AQJEH	10648	DanielAR	04/02/2010
11/02/2010	18:30	YHF	21	JSLAP	10648	DanielAR	11/02/2010
15/02/2010	18:30	YHF2			10648	DanielAR	11/02/2010
16/02/2010	18:30	YHF	15	BWEVX	9202/10648	Kroger	16/02/2010
22/02/2010	18:30	YHF1			10648	DanielAR	16/02/2010
23/02/2010	18:30	YHF	33	YKGEG	10648	DanielAR	23/02/2010
02/01/2010	19:00	YHF2			3840	E10 Desk	
02/02/2010	19:00	YHF	46	YYLCC	3840	Kroger	02/02/2010
16/02/2010	19:00	YHF2			3840	Kroger	02/02/2010
02/01/2010	19:30	YHF2			5820	E10 Desk	20/11/2009
16/02/2010	19:30	YHF	23	NPQKB	5820/7918	Kroger	16/02/2010
22/02/2010	19:30	YHF	95	AVKDL	7918	udxf_y255	22/02/2010
14/01/2010	20:00	YHF2			5820	Alan G	06/02/2008
01/01/2010	20:30	YHF	41	LSIFV	3840/4560	DanielE2Kde	01/01/2010
14/01/2010	20:30	YHF	92	QOPEL	4560	E10 Desk	14/01/2010
18/01/2010	20:30	YHF	45	VXEYB	3840/4560	Kroger	18/01/2010
21/01/2010	20:30	YHF	28	AYQCT	3840	Kroger	21/01/2010
23/01/2010	20:30	YHF	49	PNMXD	3840/4560	DanielE2Kde	23/01/2010
28/01/2010	20:30	YHF	86	PCQSC	4560	Kroger	28/01/2010
12/02/2010	20:30	YHF	54	QHNTY	3840	ElmarE2Kde	12/02/2010
16/02/2010	20:30	YHF	65	BPRNH	3840/4560	Kroger	16/02/2010
18/01/2010	21:00	YHF2			4560/5820	Kroger	30/11/2009
23/01/2010	21:00	YHF	87	MURUF	4560/5820	DanielE2Kde	23/01/2010
26/01/2010	21:00	YHF	17	JUDDU	4560	Alan G	26/01/2010
02/02/2010	21:00	YHF2			4560/5820	Kroger	26/01/2010
16/02/2010	21:00	YHF	14	LTUMD	4560/5820	Kroger	16/02/2010
17/02/2010	21:00	YHF1			5820	Baris	16/02/2010
26/02/2010	21:00	YHF	14	LTUMD	4560/5820	Alan G	16/02/2010
07/01/2010	21:30	YHF2			4560/5820	Alan G	
18/01/2010	21:30	YHF	62	IFUUZ	5820	Kroger	18/01/2010
23/01/2010	21:30	YHF2			4560	DanielE2Kde	18/01/2010

Date	Time	Callsign	Group Count(s)	First Group(s)	Frequency(s)	Credit	First Logged/Last Message
28/01/2010	21:30	YHF	99	LLXCF	4560	Kroger	28/01/2010
16/02/2010	21:30	YHF2			4560/5820	Kroger	28/01/2010
17/01/2010	22:00	YHF	85	RSUXQ	3840	DanielE2Kde	17/01/2010
21/01/2010	22:00	YHF	45	BSGPQ	3840	Kroger	21/01/2010
16/02/2010	22:00	YHF	44	VYPXH	3840	Kroger	16/02/2010
17/01/2010	22:30	YHF2			7918	DanielAR	02/01/2009
22/01/2010	23:00	YHF2			3840	Kroger	07/11/2009
	23:30						

Noteworthy Events

These last two months have seen more "mistakes" than ever before with more cases of E10 stations appearing on other stations usual frequencies or what appear to be audio mixing mistakes where two stations transmit on the same frequency at the same time. There was a cluster of these events late on February 1st and during the early hours of February 2nd. Regular E10 monitor DanielAR heard ART and PCD on 7690 KHz which is usually an EZI frequency at 22:00 and 22:30. Later at 01:00 the following morning new E10 listener Luigi in Rome heard ART again on 7690 KHz. To me this all looks like a mistake but we can't discount that this wasn't done for a specific reason.

The mystery of E10 use of 14000 KHz continues. If you remember Mike L logged a YHF2 message on this frequency at 14:53 on 26th August 2009. He has continued to monitor this frequency whenever he has a spare moment but logged nothing until 15:00 on January 11th when he heard PCD call up then as he waiting for the message an amateur appeared on the frequency and wiped out E10. All Mike heard was that this was a Group 3? message that started ?U??V. On the following day Mike heard another E10 message on this frequency at 14:52 but again the message was buried under QRM from an amateur station. The mystery deepened on 16th January when Hugh Stegman heard E10 ART passing a group 78 message on this frequency at 07:00. Later that day just before 16:00 Mike L heard a carrier come up on 14000 KHz and then a single YHF call. The carrier remained for a few more minutes but no message was sent. Next on January 24th E10 listener w0ese in Missouri, USA heard ULX1 calling on 14000 KHz in the 15:30 slot. So it appears that E10 does appear to use 14000 KHz sometimes perhaps for special messages. I would be grateful if all E10 listeners could monitor this frequency from time to time and report any E10 messages they hear to the group.

MOSSAD have been in the news this month due to their rumoured involvement in the assassination of Mahmoud al-Mabhouh (a senior Hamas figure) in Dubai. The assassination seems to have involved a team of up to 17 people in Dubai who were communicating via mobile phone with what is assumed to be a temporary control centre in Austria. Around this item there was a sudden spike in ULX traffic with the 15:00 and 22:30 slots both carrying messages. This sudden burst of activity ended just before the January 20th assassination ! However ULX is one of the least logged E10 stations and many times in the past we have seen these sudden bursts in E10 activity when there doesn't appear to be anything happening in the news headlines. This all goes to show why we need as many E10 logs as possible. If you have a spare moment please monitor a time slot and send in your log to the group. That one log might not mean much on its own but it may be very useful as part of the bigger picture.

E11 [III]

E11 January log:

4114kHz	1910z	01/01[262/00] Fair		(3m 20s)	PLondon	FRI
	1910z	08/01[262/00] Good			RNGB, PLondon	FRI
4441kHz	0915z	10/01[127/00] Good			RNGB	SUN
	0915z	18/01[127/00] Strong			Hans	MON
	0915z	24/01[127/00] Good			RNGB	SUN
	0915z	31/01[127/00] Good			RNGB, PLondon	SUN
4638kHz	0500z	19/01[576/00] Strong			RNGB	TUE
	0500z	26/01[576/00] Strong			RNGB	TUE
4909kHz	0605z	12/01[517/00] Strong			RNGB, PLondon	TUE
	0605z	19/01[517/00] Good			RNGB	TUE
	0605z	26/01[517/00] Weak			RNGB	TUE
	0605z	28/01[517/00] 0608z Strong QSB2			Hans	THU
5358kHz	0755z	07/01[438/00] Good	Out 0758z		RNGB	THU
	0755z	14/01[438/00] Good			RNGB	THU
	0755z	21/01[438/00] Good			RNGB	THU
5409kHz	0535z	05/01[633/00] Weak			RNGB	TUE
	0535z	12/01[633/00] Fair			RNGB, PLondon	TUE
	0535z	19/01[633/00] Out 0538z Strong QRM2		(3m21s)	PLondon	TUE
7377kHz	0730z	18/01[649/00] Strong			Hans	MON
	0730z	21/01[649/00] Strong			RNGB	THU

8423kHz	0850z	06/01[534/00] Fair to Good with QSB	(3m 21s)	RNGB, PLondon	WED
	0850z	20/01[534/00] Weak		RNGB	WED
	0850z	27/01[534/00] Good		RNGB	WED
11493kHz	1003z	08/01[576/00] Strong, out at 1006z	(3m19s)	RNGB	FRI
	1000z	22/01[576/00] Strong		RNGB, PLondon	FRI
	1000z	29/01[576/00] Strong		RNGB, PLondon	FRI
E11a January log					
4441kHz	0915z	17/01[120/32 17174 27430 20353 26930 34372.....61225] Weak, Out 0923z		RNGB	SUN
	1410z	30/01[in progress - A50851 66565 29986 82223] Out 1414z Strong		Hans	SAT
4909kHz	0605z	05/01[510/37 98914 68536 65200 53565 49827.....22081] Strong		RNGB	TUE
5409kHz	0535z	26/01[636/32 22949 12651 21704 10873 60942.....78917] Out 0543z Fair		Sealord	TUE
5358kHz	0755z	25/01[435/31 06649 97960 19904 84253 61006.....96208] Good, Out 0804z		RNGB	MON
	0755z	28/01[435/31 06649 etc] (repeat of Monday msg) Strong		RNGB, Hans	THU
7377kHz	0730z	25/01[644/34 16052 63702 49668 86118 43942.....76712] Fair, Out 0739z		RNGB	MON
	0730z	28/01[644/34 16052 etc] (repeat of Monday msg) Good		RNGB, Hans	THU
8423kHz	0850z	13/01[537/33 75271 33210 30023 62225 62160.....59241] Fair, Out 0859z		RNGB, PLondon	WED
11493kHz	1000z	15/01[571/32 21819 55337 40268 09685 53647.....20051] Fair, Out 1009z		RNGB	FRI
E11 log February					
4441kHz	0450z	01/02 [416/00 in progress] Out at 0451z Fair (late start?)		Hans	MON
	0915z	01/02[127/00]		RNGB	MON
	1405z	06/02[267/00] Weak		RNGB	SAT
	0915z	07/02[127/00] Very Weak		RNGB	SUN
	0445z	08/02[416/00] 0448z Strong		Hans	MON
	0915z	08/02[127/00] Very Weak		RNGB	MON
	0725z	11/02[248/00] Out 0728z Fair		Hans	THU
	0725z	13/02[248/00] Out 0728z Fair		Hans	SAT
	1405z	13/02[287/00] Out 1408z Strong		Hans	SAT
	0915z	14/02[127/00] Weak, ending not heard		PLondon	SUN
	0915z	15/02[127/00] Good (3m16s)		RNGB, PLondon	MON
	0725z	18/02[248/00] Good		RNGB	THU
	0915z	21/02[127/00] Out 0918z Weak, PLTQRM3		PLondon	SUN
	0445z	22/02[416/00] 0448z Weak		Hans	MON
	1405z	27/02[287/00] 1408z Strong		Hans	SAT
4505kHz	0610z	15/02[262/00] Strong (3m17s)		RNGB, Hans	MON
	0610z	22/02[262/00] Out 0613z Very strong (3m20s)		PLondon, Hans, SL	MON
4638kHz	0500z	09/02[576/00] Strong		RNGB, Hans	TUE
	0500z	16/02[576/00] Strong (3m18s)		RNGB, PLondon	TUE
	0500z	23/02[576/00] Out 0503z Strong (3m21s)		PLondon	TUE
4909kHz	0605z	02/02[517/00] Fair		RNGB	TUE
	0605z	09/02[517/00] Good		RNGB, Hans	TUE
	0605z	11/02[517/00] Out 0608z Weak		Hans	THU
	0605z	16/02[517/00]		RNGB	TUE
	0605z	18/02[517/00] Out 0608z Fair *with echo* (3m06s)		PLondon	THU
5344kHz	0540z	17/02[270/00] Strong		RNGB	WED
	0540z	24/02[270/00] Out 0543z Strong (3m18s)		PLondon	WED
5358kHz	0755z	01/02[438/00] Out 0758z Strong (3m19s)		PLondon, RNGB	MON
	0755z	04/02[438/00] Out 0758z Strong QRM2 (3m16s)		PLondon, RNGB	THU
	0755z	08/02[438/00] Fair		RNGB	MON
	0755z	11/02[438/00] Out 0758z Strong (3m16s)		PLondon	THU
	0755z	22/02[438/00] Out 0758z Strong, PLTQRM2 (3m20s)		PLondon, Hans, SL	MON
	0755z	25/02[438/00] Out 0758z Strong, QRM2 (3m11s)		PLondon	THU
5409kHz	0535z	09/02[633/00] Out 0538z Very Strong, PLTQRM2		PLondon	TUE
	0535z	23/02[633/00] Out 0538z Strong (3m18s)		PLondon	TUE
6304kHz	0925z	02/02[469/00] Out 0928z Strong		Hans	TUE
	0925z	09/02[469/00] Good		RNGB	TUE
	0925z	23/02[469/00] 0928z Strong		Hans	TUE
	0925z	24/02[469/00] 0928z Strong		Hans	WED
7377kHz	0730z	01/02[649/00] Strong, QRM2 (3m19s)		PLdn, RNGB, Hans	MON
	0730z	04/02[649/00] Strong		RNGB	THU
	0730z	15/02[649/00] Strong		RNGB, Hans	MON
	0730z	18/02[649/00] Strong		RNGB, PLondon	THU
	0730z	22/02[649/00] Out 0733z Very strong (3m20s)		PLondon, Hans, SL	MON

8423kHz	0850z	08/02[534/00] Weak, Out 0853z	RNGB, PLondon	MON
	0850z	10/02[534/00] (3m14s)	SeaLord, PLondon	WED
	0850z	15/02[534/00] Good (3m16s)	RNGB, PLondon	MON
	0850z	17/02[534/00] Fair	RNGB	WED
	0850z	22/02[534/00] Out 0853z Fair, CWQRM2 'de SVO' (3m16s)	PLondon, Hans	MON
	0850z	24/02[534/00] 0853z Strong QRM2	Hans	WED
11493kHz	1000z	12/02[576/00] Out 1003z Strong (3m16s)	PLondon	FRI
	1000z	19/02[576/00] Strong	RNGB, Guy	FRI
	1000z	26/02[576/00] Out 1003z Strong, QRM2 (3m17s)	PLondon	FRI
E11a log February				
4441kHz	0445z	15/02[414/38 39925 67334 95123 06457 06167.....99445] Strong	RNGB, Hans	MON
	0915z	22/02[128/35 A 21684 10129 22537...] 0926z Fair	Hans	MON
4505kHz	0610z	08/02[260/35 49393 46774 2304372458] Strong QRN3 Out 0619z	Hans	MON
4638kHz	0500z	02/02[575/35 10763 67281 21076 53300...38683] Strong, Out 0510z	RNGB, PLondon	TUE
4909kHz	0605z	23/02[517/34] 0614z Weak UTE & Radar QRM	SL	TUE
5344kHz	0540z	10/02[271/38] Out 0551z, Strong	Hans	WED
5358kHz	0755z	15/02[439/38 38975 85799 59436 70383 98357....83983] Good (10m20s)	RNGB, Hans	MON
	0755z	18/02[439/38 38975 etc] repeat of Monday's message	RNGB	THU
5409kHz	0535z	02/02[639/38 96798..... 32712] Out 0545z Good	SeaLord	TUE
6304kHz	0925z	16/02[462/31 73168 76960 96107 02087 63566.....77752] Out 0934z Strong	RNGB	TUE
	0925z	17/02[462/31 73168 etc] repeat of Tuesday's message	RNGB, Hans	WED
6891kHz	0145z	22/02[333/33 20606 41427 85717 59729 86929.....12321] Out 0154z	SeaLord	MON
7377kHz	0730z	08/02[647/38 53916 29967 66185 29798 52972....84624] Good	RNGB, Hans	MON
	0730z	11/02[647/38 53916 29967 66185 etc] Out 0741 Fair QRN2	Hans	THU
8423kHz	0850z	01/02[532/36 44990 95709 92331 95844 47693]	Alex, Hans	MON
	0850z	03/02[532/36 44990 95709 92331 etc] Fair with QRM, Out at 0900z	RNGB, Hans	WED
11493kHz	1000z	05/02[575/35 A10763 ... 38683] Out 1010z Strong (9m35s)	PLondon	FRI
13908kHz	1550z	15/02[647/21 50514 87276 48822 15099.....41821] Good	RNGB	MON
	1730z	15/02[641/24 22814 70764 10000 09757 72004.....32867] Good	RNGB	MON
	1550z	16/02[644/26] Message too weak to copy	RNGB	TUE
	1730z	16/02[643/21 ?] Too weak to copy	RNGB	TUE
	1550z	17/02[645/24 44849 04486 60422 66858 41219.....42366] Good	RNGB	WED
	1550z	18/02[644/27 24908 59485 65314 57578 66769.....32396] Good	RNGB	THU
	1730z	18/02[645/22 45257 07342 15271 17201 etc] very poor	Guy	THU
	1550z	19/02[649/25 16760 54054 86944 12633 95136.....33539] Good	RNGB, Guy	FRI
	1550z	21/02[644/29] Too weak to copy message	Guy	SUN
	1550z	22/02[643/24]	Guy	MON
	1550z	23/02[644/27]	Guy	TUE
	1550z	25/02[644/27]	Guy	THU
16530kHz	1320z	08/02[643/27] message unreadable, ended at 1327z	RNGB	MON
	1320z	12/02[648/2195390] Too weak to copy message until the end	Guy	FRI
	1320z	13/02[646/22 83881 04509 94485 26817 18557.....64900] Out 1327	Guy	SAT
	1320z	14/02[643/27 66746 93307 39625 22776 95355.....30486] Out 1329z Good	RNGB, Guy	SUN
	1320z	15/02[648/22 08655 05641 12899 97116 41042.....69656] Out 1327.30	RNGB, Guy	MON
	1320z	16/02[643/27 79790 47883 31807 89335 05463.....94749] Fair	RNGB, Guy	TUE
	1320z	17/02[643/27 09741 32656 58402 35266 69167.....81377] Good	RNGB, Guy	WED
	1320z	19/02[641/26 14312 16796 84070 12074 00800.....43492] Very weak	Guy	FRI
	1320z	21/02[643/30] Too weak to copy message	Guy	SUN
	1320z	22/02[645/29]	Guy	MON
	1320z	23/02[643/27]	Guy	TUE
	1320z	26/02[640/27 79645.....]	Guy	FRI

E15 [O]

E15 Schedule assembled by Manolis during spring 2005:

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

E15 continued:

And the phonetics used in station ids:

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		

E17z

Also reported elsewhere in NL [S06];

January 2010:

9820kHz 0810z	21/01[674] weak, BCQRM4(strong BC on 9815)	HANS	THU
11170kHz 0800z	21/01[674 213 5 56487 90867 34216 78564 66011...]	RNGB, HANS	THU

February 2010:

11170kHz 0800z	18/02 [674] 0806z Weak	HANS	THU
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E23 [XI] Frequencies and Times. All SSB [From AnonUK]

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

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

Times are not rigid, has been known to start as early as Hour + 52 [Tnx AnonUK]. Week 2 was M04 Not heard since September 2000

Week 2 was M04 Not heard since September 2000

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

E25 [O]

Sadly an apology for the non-inclusion of this very popular column.

The E25 Desk relies on technology as we all do and it was the USB stick failure that lost all the accrued data.

Again, apologies and hopefully back next time.

PoSW's logs for January/February 2010:Thursday 1830 UTC Schedule:-

24-Dec-09:- 4,519 kHz, started over 30 seconds late, calling "271", DK/GC "840 840 15 15", 5Fs the same as when last heard on 10-December.

14-Jan-10:- 4,519 kHz, "271" and "840 840 15 15", weak signal, noisy frequency, those 5F groups which could be heard were the same as sent in November and December.

28-Jan-10:- 4,519 kHz, "271" and "840 840 15 15".

11-Feb-10:- 4,519 kHz, call "271", DK/GC "670 670 15 15", a new 5F message to replace the one repeated for the last three months, "63810 75930 74810 52381 90081 74819 92830 84950 84710 75103 52718 64719 74301 71849 73810". Started within a second or two of the half-hour, unusual for this schedule, and had a normal, slow speed of delivery instead of the more rapid style of recent months.

Friday 1930 UTC Schedule:-

25-Dec-09, "It was Christmas Day in the Workhouse...", 4,792 kHz, call "436", DK/GC "840 840 15 15".

15-Jan-10:- 4,792 kHz, "436" and "840 840 15 15" again.

29-Jan-10:- 4,792 kHz, "436" and "840 840 15 15", peaking S9, clear frequency, no QRM.

12-Feb-10:- 4,792 kHz, call "436", DK/GC "670 670 15 15", 5Fs same as yesterday's transmission. And also as yesterday started almost on the half-hour and had a slower speed of delivery than in recent months.

Saturday 2030 or 2035 UTC Schedule:-

19-Dec-09:- 4,847 kHz, "809 809 809 00000", a good S9 signal, close to a tropical BC station on 4,845 kHz, removed by using the receiver in USB mode. Only heard by me on one previous occasion, 21-Nov-09 with a repeat on the following day since it was a "full message" when it was on 4,853 kHz with a very weak signal.

16-Jan-10:- 4,853 kHz but started at 2035 UTC and with a different call, "364 364 364 00000". Carrier noted on 4,853 approx 2025 UTC and was something of a surprise when the German YL failed to start up on the half hour. Good signal peaking S9.

20-Feb-10:- 2035 UTC, 4,853 kHz, "364 364 364 00000", strength S5 at best, interference from the slow swept carrier which infects this part of the band.

Monday 1800 UTC Schedule:-

1-Feb-10:- 4,458 kHz, G06 YL with, "892 892 892 00000". First time heard by me, 6 pm UK time, noted in E2K NL, reported on 7-Dec-09 on 4,589 kHz and I expected it to be on a higher frequency in February if it had survived into 2010. Found approx. one minute into the four-minute transmission. Signal strength S7 on a clear, QRM-free frequency. Until late 2008 there was a G06 schedule on the first Monday of the month at 1900 + 2000 UTC with call "308" which ran for many years.

4792kHz 1930z 26/02[436 670 15 63810 ...]

AF

FRI

G11 [III]**G11 January log:**

6397kHz 0935z	25/01[278/30 35754? 37018 4?1538 51911 36585] 0944z Strong	Hans	MON
0935z	28/01[278/30 35754? etc] (repeat of Monday) Strong	Hans	THU
6433kHz 1205z	10/01[270/00] Strong, Ende at 1208z	RNGB	SUN
1205z	17/01[270/00] Fair, Ende 1208.15z	RNGB	SUN
1205z	31/01[270/00] Good	RNGB	SUN

The G11 schedule at 1205z on 24th January was sent as S11a. Looks like an operator mistake as it was back to G11 on the following Sunday.

G11 February log:

4441kHz 2110z	21/02[262/00]	AF	SUN
2110z	28/02[464/37...]	AF	SUN
6433kHz 1205z	09/02[270/00] Fair (3m20s)	RNGB, PLondon	TUE
1205z	14/02[270/00] ENDE 1208z Weak, CW/DigiQRM3 ["CQ de HIB"]	PLondon	SUN
1205z	16/02[270/00] Good	RNGB	TUE
1205z	23/02[270/00] ENDE 1208z Strong, CWQRM2 'CQ de HIB' (3m11s)	PLondon	TUE
1205z	28/02[270/00] Fair	RNGB	SUN
6397kHz 0935z	01/02[271/35 04300 55574 12846 14173 74459.....26183] Strong	RNGB, Hans	MON
0935z	04/02[271/35 04300 etc] repeat of Monday.	RNGB	THU
0935z	08/02[275/00] Strong (3m19s)	RNGB, PLondon	MON
0935z	18/02[275/00]		
0935z	22/02[275/00] ENDE 0938z Very Strong (3m18s)	PLondon, Hans, SL	MON

SLAVIC STATIONS

S06 [IA]

Only a handful of known S06 schedules at present with none sending any messages.

By contrast the young lady in S06s is very active, sending two messages a month for every known ID.

Now onto the logs:-

S06 – old man

January log:

Sat 2nd	1605	5787	'864' 00000
	1930	3192	'405' 00000
Mon 4th	1905	3838	'349' 00000
Thurs 7th	1905	3838	'349' 00000
Sat 9th	1605	5787	'864' 00000
	1935	3733	'405' 00000
Mon 11th	2115	6920	'121' 00000
	2215	5175	'121' 00000
Wed 13th	1800	3540	'471' 00000
Sat 16th	1600	6803	'864' 00000
	1930	3192	'405' 00000
Mon 18th	1900	3192	'349' 00000
Wed 20th	1805	3160	'471' 00000
Sat 23rd	1930	3192	'405' 00000
Mon 25th	1905	3838	'349' 00000
	2115	6920	'121' 00000
	2215	5175	'121' 00000
Thur 28th	1900	3196	'349' 00000

S06s – young lady

January log:

Monday

4th/11th	1300/1310	8420/10635	'831' 267 5 67432 89760 12318 70055 23416
18th/25th			'831' 207 5 40130 81763 65174 33515 54949
4th/11th	1600/1610	7436/6668	'176' 408 5 67543 78654 89321 11904 24339
18th/25th			'176' 290 5 17755 05855 64354 77630 46851

Tuesday

5th/12th	0700/0715	5250/6320	'374' 298 5 83523 67235 52947 44529 6682
19th/26th			'374' 209 5 50698 20372 11529 11382 03107
5th/12th	0800/0810	5810/7440	'418' 572 6 54555 15200 56507 45694 52877 53405
19th/26th			'418' 573 6 19868 95062 94264 85222 22694 62955
5th/12th	0800/0810	10265/9135	'352' 980 6 24507 15242 58635 51034 21557 28242
19th/26th			'352' 984 6 53723 83318 45150 55935 06285 47413
5th/12th	1230/1240	5810/6770	'278' 546 9 31256 35555 27104 45458 94160 53113
			98522 22058 45284
19th/26th			'278' 460 5 75209 55552 51352 46784 05780
5th/12th	1500/1510	5070/6337	'537' 408 6 15357 01898 73124 42277 76294 55995
			'537' 491 6 87436 15855 53641 55331 04576 70175

Wednesday

6th/13th	0530/0540	9435/11075	'153' 820 6 (too weak to copy message) Tks Sealord
20th/27th			'153' 472 6 24543 78511 17445 24434 88522 42268
6th/13th	0820/0830	6880/7840	'471' 203 5 25618 89435 09241 52162 05464
20th/27th			'471' 293 5 67485 51758 47320 17924 49456
6th/13th	0830/0840	7335/11830	'745' 203 6 55541 59444 51261 62849 93421 42025
20th/27th			'745' 230 6 78351 15814 21529 80862 95444 02328
6th/13th	0840/0850	9260/11415	'328' 401 5 77375 19009 04540 49257 76311
20th/27th			'328' 419 5 21496 55977 24467 18364 08871
6th/13th	1000/1010	12365/14280	'729' 401 5 55193 59116 52373 45583 32461
20th/27th			'729' 460 5 57632 89673 12154 67552 87630
6th/13th	1200/1210	7030/6305	'481' 936 5 74207 55201 98519 69493 86505
20th/27th			'481' 975 6 60589 69586 41734 93559 17955
6th/13th	1230/1240	4580/6420	'967' 402 5 94565 86937 50564 13618 46191
20th/27th			'967' (Not monitored)
6th/13th	1900/1910	8530/7520	'371' 204 5 45593 53685 23464 50127 99499
20th/27th			'371' 468 5 77544 90875 12110 45330 34211

Thursday

7th E17z	0800/0810	11170/9820	'674' 912 5 07306 84564 46223 88841 16156
21st/28th			'674' 213 5 56487 90867 34216 78564 66011
7th/14th	0900/0910	9750/10580	'167' 823 5 77351 19520 04595 56524 52266
21st/28th			'167' 205 8 18772 33675 76589 40938 47388 29019 99811 29087
7th/14th	1000/1010	8535/10480	'895' 412 6 29245 28842 82264 14255 81545 47167

21st/28th			'895' 264 7 56712 54637 83920 10922 93884 67584 55630
7th/14th	1200/1210	10580/9950	'425' 879 6 65351 23435 56546 29319 44564 83957
21st /28th			'425' 963 7 81925 54637 77451 99038 32367 25389 00915
7th/14th	1230/1240	7865/5310	'314' 827 5 00972 53553 17828 21530 09514
21st /28th			'314' (Not monitored)
7th/14th	1400/1410	5320/4845	'624' 903 5 42314 91746 44375 75645 51155
21st/28th			'624' 951 7 81726.....

Friday

1st /8th	0600/0610	5460/ ?	'934' 851 6 67534 89756 32109 89756 34216 67453
15th /22nd			'934' 201 5 62895 21876 30755 24959 55511
1st/8th	0700/0710	7150/8215	'196' 843 5 67543 89067 12316 56432 78855
15th /22nd			'196' 428 5 63427 21065 63450 79651 55298
1st /8th	0930/0940	11780/12570	'516' 427 8 72267 30951 26912 58568 22154 35175 81745 10764
15th /22nd			'516' 283 7 54146 66941 40521 88695 78126 65351 23435
29th			'516' 00000

Saturday

5th/12th	1000/1010	6440/5660	'893' 201 5 69422 86945 95858 02825 52355
19th/26th			'893' 204 5 35462 78695 12534 79805 23426

Others' Logs January 2010:

4845kHz	1400z	21/02[624 951 7 81726]	FN	THU
5320kHz	1410z	21/02[624 951 7 81726]	FN	THU
5460kHz	0600z	01/01[934 851 6 67534 89756 32109 89756 34216 67453 851 6 00000] 0605z YL	SL	FRI
	0600z	08/01[934 851 6 ...]0605z Fair signal w/fading conditions YL SL FRI		
	0600z	15/01 [934 201] plagued with noise Randy FRI		
6880kHz	0820z	06/01[471] 0825z Poor condx SL WED		
	0820z	13/01[471 203 5 25618 89435 09241 52162 05464 203 5 00000] 0825z Decent signal	SL	WED
8215kHz	0710z	15/01 [196 428 5 5 6..] Randy FRI		
9135kHz	0810z	05/01[352 980 6] 0815z Very weak & noisy signal , UTE QRM. Just audible YL	SL	TUE
9435kHz	0530z	13/01[153 820 6 ...] 0535z Too weak to hear message body	SL	WED
9750kHz	0900z	07/01[167 823 5 77351 19520 04595 56524 52266 823 5 00000] 0905z Good sigs	SL	THU
10480kHz	1010z	14/01[895 412 6]1015z Too weak for message body	SL	THU
10580kHz	0910z	07/01[167 823 5 77351 ... 52266 823 5 00000] 0905z Repeats 0900z07/01	SL	THU
	0910z	14/01[167] 0914z Too weak for message body, only beginning of callup audible	SL	THU
10635kHz	1310z	04/01[831 267 5 67432 89730 12318 70055 23416 267 5 00000]1315z Fair signal YL	SL	MON
	1310z	11/01[831 267 5 67432 89760 12318 70055 23416 267 5 00000]1315z Fair	SL	MON
	1310z	25/01[831 207 5 40130 81763 65174 33515 54949 207 5 00000]1315z Fair	SL	MON

S06s

5810kHz	0800z	19/01[418] Fair QRM2	HANS	TUE
6320kHz	0715z	26/01[374 209 5 ...] Too weak for full copy	SL	TUE
7335kHz	0830z	27/01 [745 230 6 78351 ... 00000] 0835z Poor w/distorted audio	SL	WED
7440kHz	0810z	19/01[418]Strong BCQRM3 (On top of R. Ukraine Int. but no problem to copy msg)	HANS	TUE
9135kHz	0810z	19/01[352] Weak QSB2	HANS	TUE
9260kHz	0840z	27/01 [328 419 5 21496 ... 00000] 0845z Good	SL	WED
9750kHz	0900z	28/01[167 205 8 18772 ... 00000] 0905z Good	SL	THU
9950kHz	1210z	28/01[425 163 7 81925 ... 00000] 1215z Good	SL	THU
10265kHz	0800z	19/01[352] Fair QRM4	HANS	TUE
10480kHz	1010z	28/01[895 ...] 1015z Too weak for full copy	SL	THU
10580kHz	0910z	28/01[167 ...] Faded out after 1st min.	SL	THU
	1200z	28/01[425 963 7 81925 ... 00000] 1205z Good	SL	THU

S06

S06 February

The Old Man remains fairly quiet with just the Monday, Wednesday, Thursday and Saturday evening schedules. None of them sending any messages. Expect ID 480 to appear from March to early April. Likes frequencies 6810, 8130 and 9225kHz. Check mainly at 0830, 0900, 0930, 1000, 1300 and 1600z

February log:

Saturday 6th	1605	5787	'864' 00000
	1935	3733	'405' 00000
Monday 8th	1905	3838	'349' 00000
	2115	6965	'684' 00000
	2215	5320	'684' 00000
Tuesday 9th	1800	3645	'617' 00000
Monday 15th	1905	3838	'349' 00000
Wednesday 17th	1800	3540	'471' 00000
Thursday 18th	1905	3838	'349' 00000

S06c February

Weds 3rd	0720	6779	'11808' for 5 mins, Old Man, no ending, (Thanks Baris)
	0730	6779	'11808' repeat

S06s – young lady February log:

Monday

1st/8th	1300/1310	8420/10635	'831' 294 5 14708 00476 53422 99019 04554
15th/22nd			'831' 940 5 52552 67528 13163 97690 15552
1st/8th	1600/1610	7436/6668	'176' 439 5 58834 93214 54703 46695 53926
15th/22nd			'176' 902 5 24066 78518 86317 64448 20075

Tuesday

2nd/9th	0700/0715	5250/6320	'374' 269 5 57634 23143 79856 34227 99640
16th/23rd			'374' 908 5 46062 68672 79478 29685 304??
2nd/9th	0800/0810	5810/7440	'418' 570 6 56432 12121 09674 78774 32320 33701
16th/23rd			'418' 950 6 97655 94028 51792 54587 22655 45573
2nd/9th	0800/0810	10265/9135	'352' 894 6 57634 78698 90645 34215 67553 22177
16th/23rd			'352' 970 6 21767 35672 11834 81022 36903 41412
2nd/9th	1230/1240	5810/6770	'278' 905 6 65236 88784 47065 48981 35824 59889
16th/23rd			'278'
2nd/9th	1500/1510	5070/6337	'537'
			'537'

Wednesday

3rd/10th	0530/0540	9435/11075	'153'
17th/24th			'153'
3rd/10th	0820/0830	6880/7840	'471' 893 5 88709 55257 46857 42588 46524
17th/24th			'471' 239 5 83233 63994 65269 14227 52313
3rd/10th	0830/0840	7335/11830	'745' 290 6 70519 46329 65753 32434 75785 34937
17th/24th			'745' 231 6 75316 66945 51454 48177 59556 11827
3rd/10th	0840/0850	9260/11415	'328' 960 5 21910 56857 48883 05542 04408
17th/24th			'328' 901 5 87643 34528 88715 34890 56019
3rd/10th	1000/1010	12365/14280	'729' 860 5 66641 95415 10456 77232 85549
17th/24th			'729' 813 5 18275 45362 09817 55426 89166
3rd/10th	1200/1210	7030/6305	'481' 275 6 52844 20232 49813 36335 87323 97277
17th/24th			'481' 930 5 67534 89673 23126 89756 90902
3rd/10th	1230/1240	4580/6420	'967'
17th/24th			'967' 804 5 68735 45376 89067 56543 23120
3rd/10th	1900/1910	8530/7520	'371'
17th/24th			'371' 480 5 68745 23176 79845 34210 90785

Thursday

4th E17z	0800/0810	11170/9820	'674' 890 5 68510 54324 41322 55587 70775
18th/25th			'674' 231 5 98558 55543 53558 75478 51756
4th /11th	0900/0910	9750/10580	'167' 290 5 44235 82756 68755 87744 59481
18th/25th			'167' 403 5 60998 19535 97428 63748 24556
4th /11th	1000/1010	8535/10480	'895' 413 6 46663 58245 20069 49828 65492 40769
18th/25th			'895' 471 6 29549 82565 70225 55534 77454 16495
4th /11th	1200/1210	10580/9950	'425' 931 6 54734 61150 56228 53112 29259 47252
18th/25th			'425' 869 7 26565 32364 36824 32327 65270 57150 75121
4th/11th	1230/1240	7865/5310	'314' 826 5 32414 25531 37447 81466 54284
18th/25th			'314' 507 6 52835 60254 75946 02280 08714 75159
4th/11th	1400/1410	5320/4845	'624' 809 5 64462 75677 95382 37878 95428
			'624' 831 7 62541 28077 80035 53835 26359 42145 84532

Friday

5th/12th	0600/0610	5460/ ?	'934' 807 5 51710 50151 79371 24259 50064
19th/26th			'934' 580 7 53253 93283 51279 39896 27215 57217 16335
5th/12th	0700/0710	7150/8215	'196' 482 5 85342 44529 61559 58240 28078
19th/26th			'196' 473 5 54974 45145 23559 45466 15893
5th/12th	0930/0940	11780/12570	'516' 234 7 52634 81726 10928 66754 45321 89016 49172
19th/26th			'516' 203 7 35555 51164 52574 19174 13645 25169 75542

Saturday

6th/13th	1000/1010	6440/5660	'893' 207 5 groups
20th/27th			'893' 470 5 groups

And others' logs:

3838kHz	1905z	22/02[OM 349 00000]	AF	MON
7436kHz	1600z	22/02[176 902 902 5 5]	GD	MON
11780kHz	0930z	19/02[516 203 203 7 7]	GD	FRI

S06c

6779kHz	0720z	03/02[11808] om/rr, no ending, ~5 mins Strong	BARIS	WED
	0730z	03/02[11808] om/rr, no ending, ~5 mins Strong	BARIS	WED

S06s

5250kHz	0700z	09/02[374 269 5...] 0705z Strong	HANS	TUE
	0700z	16/02[YL 374]	AF	TUE
	0700z	23/02[YL 374]	AF	TUE
5460kHz	0600z	05/02[934 807 5 ... 0000] 0605z Fair QRN3	SL, HANS	FRI
	0600z	12/02[934 801 5 ... 0000] 0605z Fair QRN4	SL	FRI
	0600z	19/02[934 ends 0605z]	sgor, SL	FRI
5810kHz	1230z	02/02[ID 278] 1236z Weak QRM3	HANS	TUE
	0800z	16/02[YL 418]	AF	TUE
	0800z	23/02[YL 418]	AF	TUE
6320kHz	0715z	09/02[374 239 5 ... 00000] 0720z Fair	SL, HANS	TUE
	0715z	16/02 [374 08? 5 ...] Weak QRN4	SL	TUE
6420kHz	1240Z	24/02[YL 967]	AF	WED
6668kHz	1610z	22/02 ["176" 902 5 24066 78518 86317 644478 20075] Strong	HANS	MON
6770kHz	1240z	02/02 [ID 278] 1246z Fair QRM2 Best received in LSB, strong "echo-effect" on voice. Message: "278" 905 6 65236 88784 47065 48981 35824 59889 905 6 00000	HANS	TUE
7335kHz	0830z	17/02 [745 231 6 75316 66945 51454 48177 59556 11827] 0836z Fair	HANS	WED
7440kHz	0810z	16/02[YL 418]	AF	TUE
	0810z	23/02[YL 418]	AF	TUE
7865kHz	1230z	04/02[YL314] 11/02 [ID 314 826 5 32414 25531 37447 81466 54284 826 5 00000] 1235z Strong	AF HANS	THU THU
8215kHz	0710z	19/02 [895 ...] Very weak QRN4	SL	FRI
8420kHz	1300z	01/02[831 294 5 ... 00000]1305z Fair	SL	MON
9135kHz	0810z	02/02[352 894 3 ... 00000] 0815z Fair	SL	TUE
	0810z	09/02[352 814 6 ... 00000] 0815z Weak	SL	TUE
	0810z	23/02[ID 352 ends 0815z]	sgor	TUE
9435kHz	0530z	10/02[153 ...] Only make out beginning of callup & eventually faded into the noise,	SL	WED
9750kHz	0900z	04/02[167]	AF	THU
	0900z	11/02[167 290 ...] 0905z Weak QRN4	SL	THU
	0900z	18/02[YL 167]	AF	THU
9950kHz	1210z	04/02[425 931 6 ... 00000] 1215z Fair QRN4	SL	THU
	1210z	11/02 [425 931 ...] 1215z Weak QRN4 w/BC QRM3	SL	THU
	1210z	18/02 [425 869 7 ... 00000] 1216z Strong on a weak R. Ukraine Int	HANS, SL	THU

10265kHz	0800z	23/02[ID 352 ends 0805z] 352...352 970 970 6 6 21767 35672 11834 81022 36903 41412 970 970 6 6 0 0 0 0	sgor	TUE
10480kHz	1010z	11/02 Too weak for message copy QRN4	SL	THU
10580kHz	1200z	04/02[425 931 6 ... 00000] 1205z Fair QRN4	SL, AF	THU
	0910z	11/02[ID 167] 0915z Strong	HANS	THU
	1200z	11/02[ID 425 931 6 54734 61150 56228 53992 29259 47252 931 6 00000] Strong	HANS	THU
	0910z	11/02[167 ...] 0915z Weak QRN4	SL	THU
	1200z	11/02[425 ...] 1205z Weak QRN4	SL	THU
	0910z	18/02[YL 167]	AF	THU
	1200z	18/02[425 869 7 ... 00000] 1205z Fair QRN4	SL, HANS	THUR
10635kHz	0810z	15/02[831 940 5 ... 00000] 0815z Fair	SL	MON
11780kHz	0930z	19/02[516 msg 20\7 ends 0935z]	sgor	FRI
12365kHz	1000z	17/02[729 813 5 18275 45362 09817 55426 89166 13 5 0 0 0 0 0] QSA5 , modulation rather bad	JANO	WED
12570kHz	0940z	19/02[516 203 7 ... 0000] 0945z Fair QRN3	SL, sgor	FRI
14280kHz	1010z	10/02[729] 1015z Strong HAMQRM5	HANS	WED
	1010z	17/02[729 813 5 18275 45362 09817 55426 89166 13 5 0 0 0 0 0] Rpt 1000z 17/02 Better mod	JANO	WED

PoSW's logs

Starting for a change with some YL voice slow ending schedules which I am not usually at home to monitor, but was able to do so over the holiday break.

30-Dec-09, Wednesday:- 1000 UTC, 12,365 kHz, YL with "729 729 729 00000".

Strong signal peaking over S9, carrier noted just before the hour. The last occasion I was in the position to hear this one was one year ago! Heard on Wednesday 31-Dec-2008 - but one hour earlier, at 0900 UTC according to my log, and with a "full message".

1009 UTC, 14,280 kHz, repeat sending, very strong, S9+ signal inside the 20 metre amateur band. Started at *nine* minutes past the hour by my MSF clock, not ten.

1200 UTC, 7,030 kHz, another S06 YL inside an amateur allocation, "481 481 481 00000".

Weak but clear.

1209 UTC, 6,305 kHz - that one minute early start again - repeat sending, weak but clear.

31-Dec-09, Thursday:- 0900 UTC, 9,750 kHz, good signal, "167 167 167 00000". Last heard by me on Thursday 1-Jan-2009 with a full message. 0909 UTC, early start again, 10,580 kHz, second sending.

1000 UTC, 8,535 kHz, "895 895 895 00000", weak but clear.

1009 UTC, 10,480 kHz, repeat, again weak but clear.

1200 UTC, 10,580 kHz, "425 425 425 00000", S5 with good copy with the receiver in USB mode. Heard on Thursday 1-Jan-09 with a full message.

1209 UTC, 9,950 kHz, again that one-minute early start, second sending inside the 31 metre

BC band, over-riding Radio Ukraine International in English on the same frequency

1230 UTC, 7,865 kHz, "314 314 314 00000", very weak signal, came up out of the noise for a few seconds at a time during the transmission.

Missed this one on 1-Jan-2009, but I

did copy the second sending on 5,310 which on that occasion started at 1240z and was a full message, neither of which applied today!

1239 UTC, 5,310 kHz, second sending, weak but clear.

On to the OM voice, fast zeroes ending:-

Saturday 1600 or 1605 UTC Schedule:-

2-Jan-10:- 1605 UTC, 5,787 kHz, "864 864 864 00000". So continues in 2010 with new 3F call, was "969" throughout 2009. Last heard by me on 5-Dec-09 at 1600z on 4,613 kHz. Weak signal and severe interference from some kind of noise maker on close frequency. Carrier with tone found approx. 1555z, confirmed as S06 warming up when a single "864" heard shortly after. Was a somewhat stronger signal at this time than at start-up just under ten minutes later.

9-Jan-10:- 1605 UTC, 5,787 kHz, "864 864 864 00000", good signal over-riding noise on frequency.

23-Jan-10:- 1605 UTC, 5,782 kHz, "864 864 864 00000", a slight drop in frequency which gets S06 clear of all the racket on 5,787. Good signal peaking S9.

6-Feb-10:- 1605 UTC, 5,787 kHz, extremely difficult copy, S9+ interference, DRM perhaps, only able to identify when S06 rose up out of the racket for a few seconds with 5 X "null".

20-Feb-10:- 1600 UTC, 6,807 kHz, first time at 1600z for a while, at least when I have been near a radio at 4 o'clock on a Saturday winter's afternoon! Carrier noted on 6,807

at approx. 1555z while tuning around for likely alternatives after finding no pre-transmission warm-up in the region of 5,782 to 5,787. Still "864 864 864 00000". Strength S7 to S8 over-riding "XJT". Voice stopped at approx. 1603 and 45 seconds, carrier stayed on, voice returned about 30 seconds afterwards and the transmission continued until 1605z.

Saturday 1930 or 1935 UTC Schedule:-

19-Dec-09:- 1935 UTC, 3,812 kHz, “274 274 274 00000”, strength S5 to S6, tone up just before 1920z, single spoken “274” a minute later.

26-Dec-09:- 1935 UTC, 3,812 kHz, “274 274 274 00000”, weak but clear.

2-Jan-10:- 1931 UTC, 3,192 kHz, found approx. one minute into the on the half-hour start-up, “405 405 405 00000”, so if this is the only S06 OM on at this time there has been a change in behaviour; I have been tracking this schedule since mid 2008 and the call has always been “274” and the frequencies used predictable during any given month. And 3,192 must be a new candidate for one of the lowest ever frequencies used by this family of number stations.

16-Jan-10:- 1930 UTC, 3,192 kHz, “405 405 405 00000”, in competition with an “XJT” roaring away on the same frequency.

23-Jan-10:- 1930 UTC, 3,192 kHz, “405 405 405 00000”, noisy frequency.

6-Feb-10:- 1935 UTC, 3,733 kHz, alternative time and frequency suggested by E2k “Family IA predictions” list. “405 405 405 00000”. Difficult to hear due to strong interference from some kind of data signal but this stopped at around 1933 and 45 seconds leaving the last 15 seconds of the S06 transmission reasonably clear.

20-Feb-10:- 1935 UTC, 3,733 kHz, “405 405 405 00000”, weak signal, noisy frequency, only readable with the receiver in USB mode.

Second + Fourth Mondays in the Month 2115 + 2215 UTC Schedule:-

28-Dec-09:- 2215 UTC, 5,185 kHz, “632 632 632 00000”, missed the first sending at 2115 UTC, would have been on 6,835 kHz or close to, as was the case on 14-Dec.

11-Jan-10:- 2115 UTC, 6,920 kHz, “121 121 121 00000”, strength S6 to S7.

2215 UTC, 5,175 kHz, second sending, stronger signal peaking S9. Similar frequencies and same call as in January last year and in 2008.

8-Feb-10:- 2115 UTC, 6,965 kHz, “684 684 684 00000”, same frequency as in February last year. I realised at about 2220 UTC I had missed the second sending which would have been on 5,320 kHz, + or minus a few kHz.

22-Feb-10:- 2115 UTC, 6,965 kHz, “684 684 684 00000”, weak signal, S3 to S4 but remarkably clear copy with the receiver in USB mode. 2215 UTC, 5,320 kHz - as expected -, second sending, somewhat stronger at S5.

Other S06 Heard (actually, it's a Monday + Thursday schedule starting at 1900 or 1905 UTC)

7-Jan-10, Thursday:- 1905 UTC, 3,838 kHz, “349 349 349 00000”. Strong signal, sounded distorted with receiver in AM mode, much better in USB. On switching to LSB it was evident the lower side band was not fully suppressed as is usually the case with S06 but presenting a distorted, Dalek – like version of the OM voice.

11-Jan-10, Monday:- 1905 UTC, 3,838 kHz, “349 349 349 00000” - as on Thursday, but a much weaker signal, S5 to S6. Interference from 2-way SSB in what sounded like Spanish language on 3,840.

18-Jan-10, Monday:- 1902 UTC, 3,192 kHz, “349 349 349 00000”, alternative start-up time and frequency, found two minutes into the transmission. Same frequency as used for the Saturday 1930 UTC S06, see above, comes complete with “XJT”.

21-Jan-10, Thursday:- 1900 UTC, 3,192 kHz, “349 349 349 00000”, peaking S9 with deep QSB, looks like a regular schedule here.

25-Jan-10, Monday:- 1905 UTC, 3,838 kHz, “349 349 349 00000”, S9 signal.

28-Jan-10, Thursday:- 1900 UTC, 3,196 kHz - up 4 kHz for the “on the hour” start, then, still “349 349 349 00000”

1-Feb-10, Monday:- 1900 UTC, back to 3,192 kHz, “349 349 349 00000”.

4-Feb-10, Thursday:- 1900 UTC, 3,192 kHz, “349 349 349 00000”.

8-Feb-10, Monday:- 1905 UTC, 3,838 kHz, “349 349 349 00000”.

15-Feb-10, Monday:- 1905 UTC, 3,838 kHz, “349 349 349 00000”.

18-Feb-10, Thursday:- 1905 UTC, 3,838 kHz, “349 349 349 00000”. Doesn't change much, does it?

S11a [III]

S11a January log:

6433kHz	0950z	06/01[221/00] Konyets 0954z	RNGB, PLondon	WED
	0950z	13/01[221/00] Finit 0953z Strong, DigiQRM2	PLondon	WED
	0950z	20/01[227/36 76622 24935 46091 36396 28535.....65078] Konyets 1001z	RNGB, PLondon	WED
	1205z	24/01[273/35 82147 70730 03071 34044 11427.....66039] Good	RNGB	SUN
	0950z	27/01[221/00] Fair	RNGB	WED
	0950z	30/01[221/00] Konyets 0953z Good	RNGB	SAT
6877kHz	0900z	08/01[? /32?] caught in progress, ended 19292 Konyets at 0906z] Strong	RNGB	FRI
	0855z	12/01[484/00] Strong	RNGB	TUE
	0855z	15/01[484/00] Good	RNGB	FRI
	0855z	19/01[484/00] Fair	RNGB	TUE
	0855z	22/01[484/00] Strong	RNGB, Hans	FRI
	0855z	26/01[484/00] Good	RNGB	TUE
	0855z	29/01[484/00] Good	RNGB, Plondon	FRI

9063kHz	0800z	07/01[470/32 96568 39253 49862 46851.....85588] Konyets 0811z	RNGB	THU
	0800z	14/01[475/00] Good	RNGB	THU
	0800z	21/01[475/00] Good	RNGB, PLondon	THU

S11a February log:

4441kHz	1125z	15/02[258/38 V67544 46322 03522] Fair, QRN3	Hans	MON
	1125z	22/02 [???/00] Konyets 1128z Very weak	Hans	MON
6397kHz	0935z	11/02[275/00] 0938z Strong	Hans	THU
6433kHz	0950z	03/02[221/00] Good (3m20s)	RNGB, PLondon	WED
	0950z	06/02[221/00] 0953z Fair QRN2 QRM2	Hans	SAT
	1205z	07/02[272/30 58765 59960 19054 49629 45173.....86579] Fair with QRM	RNGB	SUN
	0950z	10/02[228/35 V 50331 ...] Strong at start then poor with QSB to zero.	PLondon	WED
	0950z	13/02[228/34 50331 89771 79868 26780] Konyets 1001z Strong QRM2	Hans	SAT
	0950z	17/02[221/00] Fair	RNGB, Hans	WED
	0950z	20/02[221/00] Konyets 0953z Fair, DigiQRM3 (3m06s)	PLondon	SAT
	0950z	24/02[221/00] Konyets 0953z Fair, DigiQRM3 (3m20s)	PLondon	WED
	0950z	27/02[221/00] Konyets 0953z Weak, DigiQRM3 (3m24s)	PLondon	SAT
6877kHz	0855z	02/02[484/00] Fair	RNGB	TUE
	0855z	05/02[484/00] 0858z Strong (3m17s)	Hans, PLondon	FRI
	0855z	09/02[484/00] Good Konyets 0858z (3m14s)	RNGB, Hans	TUE
	0855z	12/02[484/00] Konyets 0858z Strong (3m12s)	PLondon	FRI
	0855z	16/02[484/00] Strong	RNGB	TUE
	0855z	23/02[483/38 V59219 20250 22376 ... 05177] BC-QRM2 QSB2	Hans	TUE
	0855z	26/02[483/38 V59219 20250 05177] Strong	Hans	FRI
7499kHz	0730z	05/02[426/00] 0733z Strong	Hans	FRI
	0730z	09/02[421/34 54750 71463 39284....] Konyets at 0740z, Strong	Hans	TUE
	0730z	12/02[421/34 54750 etc] repeat of Tuesday	RNGB	FRI
	0730z	16/02[426/00] Strong	RNGB	TUE
	0730z	19/02[426/00] Strong	RNGB	FRI
	0730z	23/02[426/00] 0733z Strong	Hans	TUE
	0730z	26/02[426/00] 0733z Strong	Hans	FRI
9063kHz	0800z	04/02[475/00] Good with QRM, Konyets at 0803.20z	RNGB	THU
	0800z	08/02[475/00] Strong	RNGB	MON
	0800z	11/02[475/00] Konyets 0803z Fair, ttyQRM3 (3m16s)	PLondon	THU
	0800z	15/02[475/00] Strong	RNGB, Hans	MON
	0800z	18/02[475/00] Very Strong	RNGB	THU
	0800z	22/02[470/32 V 53499 ... 83263] Konyets 0811z Strong. (10m34s)	PLondon, Hans	MON
	0800z	25/02[470/32 V 53499 ... 83263] Konyets 0811z Strong. (10m30s)	PLondon	THU

S21

3323kHz	1842z	25/02 [323 479 35 49322 27866 99644...] 1854z Fair QSB2	HANS	THU
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S28 [IC]



The 'Metro' is a free newspaper, of some quality, that is available Mon to Fri and picked up at stations and other places frequented by the commuting public.

You can imagine PLdn's surprise when he was leafing through the 20/01 edition at 0550z on platform 2 as he waited for his train and he saw the piece on the left in the column of 'The Ridiculant.'

They state the Buzzer has been off air three times but we all know the reporter is incorrect thanks to Group Msg no 26272 entitled 'S28 voice ' Tuesday (10/01/10)

"I recorded some voice on 4625 kHz. I was passing it while searching and heard the buzz sound "fail" (cuts in the buzzing sound). I heard a very distant om voice, then the buzz started as normal again I thought I would listen for some minutes (to be on the safe side)... And when the tone started failing again I started recording.

What I got was some very low talking and an OM started saying some numbers ("petyorka" amongst others).The whole thing was over after a couple of minutes, but I managed to record the whole thing. It is recorded as a movie but I can extract the audio of it."
 So, well done Hans [*and welcome to the Group too*]!

Now the translation from our usual source:

<< Uzhe dosht 76 Uzhe dosht 76 95 313 ----- 54 15 12 56 Deviaty chotvyorty Prosba Izvenitia Prosba ?Null Null? Ulyana Pavel Roman Tatiana Konstantin Anna chotvyorty chotvyorty Izvenitia chotvyorty Izvenitia dvoika chotvyorty chotvyorty (Buzz and End) >>

Notes: "Roman" pronounced as Raman (normal Moscow Russian pronunciation)

?00? denotes a piece I could not resolve, "00" is tentative identification

All the names "Ulyana Pavel Roman Tatiana Konstantin Anna" are standard valid Russian phonetic alphabet terms and can be seen in Wikipedia's

'Wiktionary': http://en.wiktionary.org/wiki/Appendix:Russian_phonetic_alphabet as well as below.

Assuming the above is correctly heard and transcribed (90% confidence here), then it would translate roughly as follows:

<< Already raining, already raining 76 95 313 ----- 54 15 12 56 9th 4th 'Prosba I'm sorry 'Prosba' ?00? Ulyana Pavel Roman Tatiana Konstantin Anna 4th 4th I'm sorry 4th I'm sorry 2nd 4th 4th (Buzz and End) >>

Note: Nul, dvoika, chotyorty and deviaty - allowing for my own personal transliteration - correspond with the pronunciation in the Slavonic pronunciation table against S11a. given in the charts section of the previous newsletter as 0, 2, 4 and 9 so my final suggested rough translation is as follows:

<< Already raining, already raining 76 95 313 ----- 54 15 12 56 9 4 'Prosba I'm sorry 'Prosba' ?00? Ulyana Pavel Roman Tatiana Konstantin Anna 4 4 I'm sorry 4 I'm sorry 2 4 4 (Buzz and End) >>

[Thanks Sergey]

Russian Phonetic Alphabet:

А	Анна, Антон, Алексей	Р	Роман, радио
Б	Борис	С	Сергей, Семён
В	Василий	Т	Тамара, Татьяна
Г	Галина, Григорий	У	Ульяна
Д	Дмитрий, Дарья	Ф	Фёдор
Е	Елена	Х	Харитон
Ж	жук, Женя	Ц	центр, цапля
З	Зинаида, Зоя, Зина	Ч	человек
И	Иван	Ш	Шура
Й	Иван краткий	Щ	щука
К	киловатт, Константин	Ъ	знак (твёрдый знак)
Л	Леонид	Ы	игрек, бры, еры
М	Михаил, Мария	Ь	знак (мягкий знак)
Н	Николай	Э	Эдуард, Эмилия, эхо
О	Ольга	Ю	Юрий
П	Павел	Я	Яков

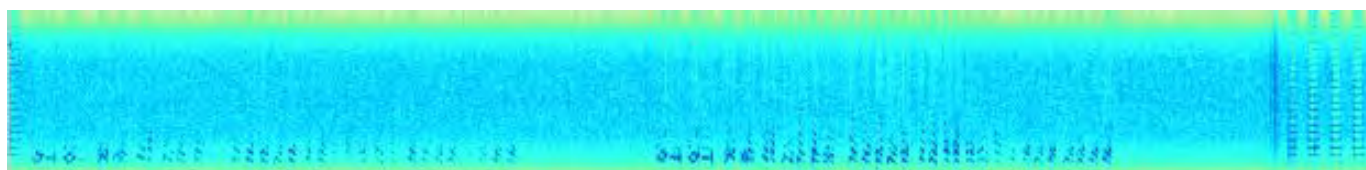
Explanation of the Cyrillic script can be had from : http://en.wiktionary.org/wiki/Appendix:Russian_phonetic_alphabet

4625kHz 0215z 25/01

[Florida US]

westt1us

MON



Another break, with message, was heard by GaryN [GN]. He posted a recording which produced this spectral image of the phrase and numerals spoken by OM. Note from the imagery the last Buzz before the verbals, then 1m54s until the restart of the buzzer:

4625kHz 1713z 25/01

"By accident stumbled upon the buzzer stopping and Unid Slav OM giving a message. At 1715 msg stopped and Buzzer returned " GN

MON

Take a look at this: <http://elpub.wdcb.ru/journals/rjes/v10/2007ES000227/2.shtml>

This offers a different perspective to that of the Russian who posted the information on his now defunct website - with images - of the system which he claimed was to do with Missile timing [as I recall].

However, if you want the flavour of the person who reckons he has 'solved' the mystery go to: <http://forums.qrz.com/showthread.php?p=1855810>

and read the remarks.

They don't explain why code words with no known meaning [BROMAL & UPRTKA being two examples] are exchanged on 4625kHz though and note how the discussion has excluded comments from the UK - must be that special relationship again ☺

4625kHz 0219z 17/02

w0ese

WED

S30 [IXC]

5448kHz	0545z	12/01	Pip		Randy	TUE
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S32[OI]

3828kHz	0321z	17/01	QSA 4; now two straight tones, no longer "squeaky"!?		DanielE2Kde	SUN
	0220z	25/01	First time heard from here much QRM from Hams.	[Florida US]	westt1us	MON

V02a [XVIII]**January 2010:**

4028kHz	0200z	02/01	[A65562] barely audible		dj, w0ese	SAT
	0100z	29/01 Extremely weak MS FRI			
4035kHz	0400z	04/01	Extremely weak		dj	MON
	0400z	18/01	[A34451] caught late. Poor readability		dj	MON
	0400z	25/01	[A56651] Up early, caught late.		dj	MON
4174kHz	0300z	04/01	Extremely weak		dj	MON
	0300z	24/01			KP	SUN
	0300z	25/01	[A56651] Up early, caught late		dj	MON
5135kHz	0100z	02/01	[A65562 41-82 78041]		dj	SAT
5883kHz	0700z	01/01	[A68632 78521 41472 LG09959]0840z Fair PLTQRM3	(40m14s)	PLdn,dj	FRI
	0700z	02/01	[A25262 03082 47572LG48866] 0741z Strong	(40m31s)	PLdn, dj	SAT
	0700z	03/01	[A14341 58371 36242] Good sig.		dj	SUN
	0700z	04/01	[A73432 44581 61182]		dj	MON
	0700z	05/01	[A70841 17111 27612]		dj	TUE
	0700z	07/01	[A84841 27472 47851] Strong, QSB2		Sean, dj, PLdn	THU
	0700z	08/01	[A26161]up early, caught prepping 1st msg.		dj	FRI
	0711z	10/01	in progress. ended 0740z		PLdn	SUN
	0700z	11/01	[A70532 52341 35212] Good sig		dj	MON
	0700z	14/01	[A18371 72111 61572] Good signal		dj	THU
	0700z	15/01	[A81781]Good sig		dj	FRI
	0700z	16/01	[A20461 50612 60151 LG13530] 0740z Fair	(40m05s)	PLdn	SAT
	0700z	17/01	[A47511] Caught late. Good sig		dj	SUN
	0700z	18/01	[A71241 21211] Caught late. Very good sig		dj	MON
	0700z	21/01	[A04321 85382 77482 LG48254] 0740z Strong	(40m17s)	PLdn, dj	THU
	0700z	23/01	SK01 to start, into first msg 0705z LG56703] 0740z Strong	(40m17s)	PLdn	SAT
	0700z	24/01	[A 5821] up early, caught late. Good sig		dj	SUN
	0700z	25/01	[A12772 87542 27861] Very good sig		dj	MON
	0700z	28/01	[A37012 18612 55742 LG88176] 0840z Strong	(40m12s)	PLdn,dj, MS	THU
	0700z	29/01	[A34542 80642 65601] Very good sig		MS	FRI
	0700z	30/01	[A66111 64731 80132 LG53705] 0740z Strong	(40m03s)	PLdn	SAT
5898kHz	0800z	01/01	[A68632 caught late, missed initial callups]		dj	FRI
	0800z	02/01	[A25262 03082 47572LG63446] 0841z Strong	(40m31s)	PLdn, dj	SAT
	0800z	03/01	[A14341 58371 36242] Good sig.		dj	SUN
	0800z	04/01	[A73432 44581 61182]		dj	MON
	0800z	05/01	[A70841 17111 27612] Std on 5883kHz QSY 0825z to 5898kHz		Sean	TUE
	0800z	07/01	[A84841 27472 47851] Strong, QRM2, QSB2		Sean, dj, PLdn	THU
	0800z	08/01	[A26161 88051 38141 LG5-841] 0840z Strong, FAXQRM3	(40m26s)	PLdn, dj	FRI
	0800z	10/01	[A21571 74841 57061 LG60418] 0840z Strong	(40m09s)	PLdn	SUN
	0800z	15/01	[A81781 16616 37561 LG80954] 0840z Strong	(40m05s)	PLdn, dj	FRI
	0800z	16/01	[A20461 50612 60151 LG72860] 0840z Strong, QSB2	(39m48s)	PLdn	SAT
	0800z	17/01	[A47511 01016 36601] Fair QRM2 QSB to zero at end		PLdn, dj	SUN
	0800z	18/01	[A71241 ..212 21211] Caught late. Very good sig		dj	MON
	0800z	22/01	[A70521 73341 71702 LG43457] 0840z Strong	(40m03s)	PLdn	FRI
	0800z	23/01	[A73021 23022 71182 LG34433] 0840z Strong	(40m17s)	PLdn	SUN
	0800z	24/01	[A25821 28152 26271 LG61757] 0840z Strong	(40m14s)	PLdn, dj	SUN
	0800z	25/01	[A12772 87542 27861] Very good sig		dj	MON
	0800z	28/01	[A37012 18612 55742] Good sig		dj, MS	THU
	0800z	29/01	[A34542 80642 65601 LG64699] 0840z strong	(40m12s)	PLdn, MS	FRI
	0800z	30/01	[A66111 64731 80132 LG76746] 0740z Strong	(40m06s)	PLdn	SAT
	0800z	31/01	[A08701 85772 50362 LG16864]0840z Strong	(39m51s)	PLdn	SUN
5947kHz	0835z	21/01	YL in progress,strong signal ("finale" at 0840z, then a tone and Morse heard)		HANS	THU
6768kHz	0400z	11/01	[A25121 01824 2625] weak		dj	MON

6855kHz	2100z	01/01[A Extremely weak]			
	2100z	02/01		dj	FRI
	2100z	05/01[A10432 34601] Weak. Up early		w0ese	SAT
	2100z	06/01[A71251 54222 48841] Weak, QSB4		dj	TUE
	2100z	13/01 caught late. weak with QRM/N		Sean, dj	WED
	2100z	21/01[A03862 27822 24101] fades		dj	WED
	2100z	24/01[A77242 20772 60611] (YL/SS)		dj	THU
	2100z	25/01[A75832 24162 78102] (YL/SS)		MS	SUN
	2100z	28/01[A 18502 54321 45741]		MS, dj	MON
	2100z	29/01[A68051 74202 17242] Very weak		MS, dj	THU
				MS	FRI
6933kHz	0700z	03/01[A65341 62511 41272]		dj	SUN
	0700z	17/01 Fades in after calls and remains weak		dj	SUN
	0700z	24/01[A3851. 5348. 05301] Weak. Up early, only heard calls once.		dj	SUN
7887kHz	2000z	01/01[A66002 83142 25651] Good signal for this sked		dj	FRI
	2000z	02/01[A38762 63432 13111] Fair, QSB3		Sean, dj	SAT
	2000z	03/01 A Fades in after callups.		dj	SUN
	2000z	05/01[A10432 74841 34601] Weak		dj	TUE
	2000z	06/01[A71251 54222 48841] Strong, QSB2		Sean, dj	WED
	2000z	07/01[A13121 31341 57772] Strong, QSB2		Sean	THU
	2000z	08/01[A27742 47262 63781] weak		dj	FRI
	2000z	12/01 Extremely weak		dj	TUE
	2000z	14/01[A58052 26311 34212] weak		dj	THU
	2000z	17/01[A75752 36402 76821] Good sig for this sked/QTH		dj	SUN
	2000z	18/01 Caught late		dj	MON
	2000z	20/01[A70502 11611 33771] weak with heavy QRM		dj	WED
	2000z	21/01[A20572 51411 76612]		dj	THU
	2000z	24/01[A77242 20772 60611] (YL/SS)		MS, dj	SUN
	2000z	25/01[A 24162 78102] (YL/SS. Late start at 2002z)		MS, dj	MON
	2000z	26/01[A67211 65852 56861 (YL/SS)]		MS	TUE
	2000z	27/01[A36322 41722 67111] weak		dj	WED
	2000z	28/01[A 18502 54321 45741]		MS	THU
7974kHz	2100z	05/01[A10432] Weak. Up early		dj	TUE
	2100z	25/01[A75832]		dj	MON
	2100z	29/01[A68051 74202 17242]		MS	FRI
9040kHz	0900z	20/01[A37632 05242 38451]		dj	WED
	0900z	27/01 Too weak for copy		MS	WED
9063kHz	0900z	06/01[A38621 34032 02831] Good sig		dj	WED
9240kHz	1000z	02/01[A83111 03611 20761] Good sig		dj	SAT
	1000z	06/01 Caught late. Good sig		dj	WED
	1000z	13/01[A15701 47582 78181]		dj	WED
	1000z	20/01[A37632 05242 38451]		dj	WED
	1000z	27/01[A23301 60441 74412]		dj	WED
12180kHz	1900z	12/01[A 61011 Caught late. Copied using DSB		dj	TUE
13380kHz	2000z	07/01[A27581 26821 02422] Callups uncertain. Weak with QSB4.		Sean	THU
	2000z	12/01A28301 61011 26241] Weak with QSB & QRM		dj	TUE
	2000z	28/01[A79761 56722 26121]		dj	THU

V02a

February 2010:

4028kHz	0100z	12/02[A54262 54611 48301]		dj	FRI
4035kHz	0400z	08/02[A73542 32691 38502]		dj	MON
4174kHz	0300z	08/02 Caught late		dj	MON
5417kHz	0200z	05/02[A06022 23502 65552]		dj	FRI
5883kHz	0700z	02/02A Up early, caught already passing msg. Very good sig		dj	TUE
	0700z	04/02[A64701 85672 44012 LG38877] 0740z Strong CWQRM2	(39m42s)	PLdn, dj	THU
	0700z	07/02[A50602 53721 54721] Good sig		dj	SUN
	0700z	08/02[A26642 02521 52002] Very good sig		dj, HANS	MON
	0700z	09/02[A31581 62322 14471] Strong, QRM3, QSB2		Sean, dj	TUE
	0700z	11/02[A45582 70542 70201]		dj, PLdn	THU
	0700z	12/01[A00622 28862 68381] good sig		dj	FRI
	0700z	13/02[62461 then SK01 46841 LG61281]0739z Strong, starting early	(39m03s)	PLdn	SAT
	0700z	14/02[A42131 27451 61362] Very good sig		dj	SUN
	0700z	15/02[A54152 01452 00172] Good sig		dj	MON
	0700z	16/02[A20162 44771 78151] Very good sig		dj	TUE
	0700z	18/02[A33501 70222 03832] VG sig		dj	THU
	0700z	19/02[A03872 67072 50651 LG91221] 0842z Fair QSB2*	(42m05s)	PLdn, dj	FRI

* dj reports: Has some xmtr drop-outs, then stops sending, then picks up with msg IP

5883kHz continued				
	0700z	20/02[A08622 14541 13182 LG50710] 0742z Strong	(42m08s) PLdn	SAT
	0700z	21/02[A84121 33681 36571] VG sig	dj, AW[Rotorua NZ]	SUN
	0700z	23/02[A66812 87462 67072] VG sig	dj	TUE
	0700z	25/02[A35652 56112 11142 LG18252] 0742z Strong	(42m02s) PLdn	THU
	0700z28/02	[A06781 85432 65782] VG sig	dj, WM [ChCh NZ]	SUN
5898kHz				
	0800z	02/02[A70271 10502 77532] Very good sig	dj	TUE
	0800z	04/02[A64701 85672 44012] Very good sig	dj	THU
	0800z	06/02[A31601 41601 66002 LG78434] 0840z Strong	(39m43s) PLdn, dj	SAT
	0800z	07/02[A50602 53721 54721 LG63867] 0840z Strong	(39m43s) PLdn, dj	SUN
	0800z	09/02[A 31581 62322 14471] Strong, QRM3, QSB2	Sean	TUE
	0800z	11/02[A45582 70542 70201]	dj	THU
	0800z	12/02[A00622 68862 68381 LG58490] 0839z Strong	(39m00s) PLdn, dj	FRI
	0800z	13/02[62461 then SK01 46841 LG61281]0839z Strong, starting early	(39m03s) PLdn	SAT
	0800z	14/02[A42131 27451 61362 Very good sig	dj	SUN
	0800z	15/02[A54152 01452 00172] Good sig	dj	MON
	0800z	16/02[A20162 44771 78151] Very good sig, audio drop after couple of calls	dj	TUE
	0800z	18/02[A33501] VG sig. Up late preparing 1st msg	dj	THU
	0800z	19/02[A03782 67072 50651] Good sig	dj	FRI
	0800z	20/02[A08622 14541 13182 LG21768] 0842z Strong	(42m08s) PLdn	SAT
	0800z	21/02[A84121 33681 36571 LG06333] 0842z Fair	(41m56s) PLdn, dj	SUN
	0800z	23/02[A66812 87462 67072] VG sig	dj	TUE
	0800z	26/02[A45772 47112 21062 LG18197] 0842z Strong	(42m03s) PLdn	FRI
	0800z	28/02[A06781 85432 65782] VG sig	dj	SUN
6768kHz				
	0400z	08/02[A11051 40412 22632]	dj	MON
6855kHz				
	2100z	01/02[A08752 25631 65151 (YL/SS)]	MS	MON
	2100z	02/02[A42341 08012 67672 (YL/SS)]	MS	TUE
	2100z	03/02[A35052 55251 35842 (YL/SS)]	MS, dj	WED
	2100z	05/02[A45381 72372 64312] (YL/SS)	MS	FRI
	0315z	08/02 - In progress Fair QRN3	HANS	MON
	2100z	09/02[47762 22251 30381] Using different ID's than the 2000z sked on 7887m.)	MS	TUE
	2100z	10/02 [06222] Caught preparing 1st msg	dj	WED
	2100z	11/02[Carrier up on time. No xmsn heard by 2105z.])	MS	THU
	2100z	13/02[A 50211 22572 (YL/SS. Late start. Sked IP at 2103z.))	MS	SAT
	2100z	14/02[A66671 34832 58332 (YL/SS)]	MS, dj	SUN
	2100z	15/02[A48781 37071 64562] Very weak sig	dj	MON
	2100z	16/02[A 25152 76801] (YL/SS.Caught sked late)	MS	TUE
	2100z	17/02[A22712 44162 65542] (YL/SS.Changed ID's this sked from the primary sked at 2000z on 7887m)	MS	WED
	2100z	18/02[A28362 77432 12502] (YL/SS)	MS	THU
	2100z	19/02[A 02711] strong carrier,very weak audio	dj	FRI
	2100z	21/02[A81852 40812 21511] weak and blocked by a buzzing signal	dj	SUN
	2100z	24/02[A87151 38601 63601] Extremely weak sig	dj	WED
6933kHz				
	0700z	07/02[A73522 26541 28061] Weak	dj	SUN
	0700z	14/02[A43472 53642 .4211 Weak sig	dj	SUN
	0700z	21/02[A86432 64232 56221] Very weak. IDs questionable	dj	SUN
	0700z	28/02[A78381 21241 43641] Good sig	dj	SUN
7887kHz				
	2000z	01/02[A08752 25631 65151 (YL/SS)]	MS	MON
	2000z	02/02[A42341 08012 67672 (YL/SS)]	MS, dj	TUE
	2000z	03/02[A35052 55251 35842 (YL/SS)]	MS	WED
	2000z	04/02[A41661 53281 00321] Really poor sig - noise and fades	dj	THU
	2000z	05/02[A45381 72372 64312] (YL/SS)	MS	FRI
	2000z	08/02[A13312 26062 21432] (YL/SS)	MS	MON
	2000z	09/02[A56852 47581 85312] (YL/SS)	MS	TUE
	2000z	10/02[A06222 76161 23201]	dj	WED
	2000z	11/02[A20181 55712 44461 (YL/SS)]	MS	THU
	2000z	12/02[A83141 16782 10562 (YL/SS)]	MS	FRI
	2000z	13/02[A07702 50211 22572 (YL/SS)]	MS	SAT
	2000z	14/02[A66671 34832 58332 (YL/SS)]	MS, dj	SUN
	2000z	16/02[A50302 25152 76801] (YL/SS)	MS	TUE
	2000z	17/02[A15851 06722 07171] (YL/SS)	MS	WED
	2000z	18/02[A28362 77432 12502] (YL/SS)	MS	THU
	2000z	21/02[A81852 40812 21511]	dj	SUN
7974kHz				
	2200z	14/02Already in progress. Weak	dj	SUN
8186kHz				
	0800z	08/02[A26642 02521 52002] Very good sig	dj	MON
9040kHz				
	0900z	03/02[A12822 83511 71782] Good sig	dj	WED
	0900z	10/02 up late, caught late	dj	WED
	0900z	24/02[A48231 74462 61541] VG sig	dj, HANS	WED
9063kHz				
	0800z	05/02[A45011 02782 20712] Very good sig	dj	FRI
	0900z	17/02 Came up at 0913z IP. Most likely an error VG sig	dj	WED
9153kHz				
	0700z	05/02[A45011 02782 20712] Very good sig	dj	FRI
	0700z	19/02 strong sig with audio dropping in for a second or two occasionally	dj	FRI

9240kHz	1000z	03/02[A12822 83511 71782] Good sig	dj	WED
	1000z	06/02[A 15761]Up late, caught late	dj	SAT
	1000z	10/02 up late, caught late.Very weak	dj	WED
	1000z	17/02[A54722 08762 28081] weak	dj	WED
	1000z	24/02[A48231 74462 61541] VG sig	dj	WED
12180kHz	1900z	02/02[A85381 08662 61552] Up at 1858z preceded by some M08a	dj	TUE
	1900z	09/02 Up late, already in progress [from M08a]	dj,MS	TUE
	2000z	11/02[A765.1 338.2 31112 (YL/SS Stops at 2001z and moves to 13380m.)]	MS	THU
	2000z	16/02[A 86112 75152 00761] (YL/SS.Expected this sked to be on 13379m.) 2003z	MS	TUE
13379kHz	2003z	16/02[A86112 75152 00761] (YL/SS. Stn moved to correct freq from 12180m)	MS	TUE
13380kHz	2001z	11/02 (YL/SS. Signal too weak to copy now. Moved here from 12180m.)]	MS	THU
	2000z	16/02 up late, caught late	dj	TUE
	2000z	18/02[A81741 17311 27232]	MS, dj	THU
	2000z	23/02 weak, QRM5 buzz	dj	TUE

PoSW's British Logs:

21-Dec-09, Monday:- 0800 UTC, 5,898 kHz, "Atencion, 25551 16641 53082", difficult copy, the carrier of the strong BC station on 5,900 did not go QRT just after the hour as it usually does.

25-Dec-09, Friday:- 0736 UTC, 5,883 kHz, transmission in progress, ended with 3 X "Finale" after 0740z.
0759 UTC, 5,883 kHz, started up early and on the wrong frequency with "Atencion" routine then vanished after a few seconds. Quickly tuned up to 5,898 kHz to hear "Atencion, 44252 60262 46781". "44252" repeated and into 5Fs 0801 and 40s UTC.

26-Dec-09, Saturday:- 0758 and 15s UTC, started well before the hour, 5,898 kHz, "Atencion, 30721 62672 67252". The BC station 2 kHz higher obliged us by cutting carrier just after 0800z.

28-Dec-09, Monday:- 0759 and 50 seconds UTC - only ten seconds early this morning, Santa must have brought someone a new clock for Christmas! 5,898 kHz, "Atencion, 02181 05322 70812".

3-Jan-10, Sunday:- 0700 UTC, 5,883 kHz, "Atencion, 14341 58371 36242", weak signal.
0800 UTC, "14341 58371 36242", as earlier.

9-Jan-10, Saturday:- 0721 UTC, 5,883 kHz, expected to find V02a in progress but plain carrier only, no voice.
0800 UTC - no sign of the expected transmission on 5,898 but there was still a carrier on 5,883. When checked again 0836z carrier had moved to 5,898 but no voice.

10-Jan-10, Sunday, 0659 UTC - call up in progress well before the hour - 5,883 kHz, "Atencion, 21571 74841 57061". "21571" repeated and into 5Fs a bit after 0701z.

0758 UTC, 5,898 kHz, call-up in progress when tuned in just after 0758z, only readable when the broadcaster on 5,900 went off at 0800z, "21571 74841 57061" - same as earlier.

24-Jan-10, Sunday:- 0759 UTC, 5,898 kHz, early start-up continues, "Atencion, 25821 28152 26271".

30-Jan-10, Saturday:- 0800 UTC - 5,898 kHz, unable to hear call up until the BC station on 5,900 went QRT on the hour - "Atencion, 66111 64731 80132", into 5Fs just after 0801z.

31-Jan-10, Sunday:- 0659 UTC, 5,883 kHz, "Atencion, 08701 85772 50362", call up in progress when tuned in.
0758 UTC, 5,898 kHz, "08701 85772 50362", as earlier.

4-Feb-10, Thursday:- 0659 UTC, call-up in progress, "Atencion, 64701 85672 44012".

6-Feb-10, Saturday:- 0759 UTC, call-up in progress, this early start has become a permanent feature, 5,898 kHz, "Atencion, 31601 41601 66002".

9-Feb-10, Tuesday:- 0700 UTC, 5,883 kHz, "Atencion, 31581 62322 14471", into 5Fs just after 0701z.
0759 UTC, 5,898 kHz, "31581 62322 14471", as earlier. An added bonus here, on the hour a Morse station started up making a high-pitched beat note with the V02a carrier, tuned down to 5,895 kHz to find an M14 CW sending "178 178 178 00000" until 0804 UTC.

13-Feb-10, Saturday:- 0758 UTC, 5,898 kHz, "Atencion, 62461 74172 46841". An even earlier start, into 5Fs soon after 0800z.

14-Feb-10, Sunday:- 0758 UTC, 5,883 kHz - started up on the wrong frequency. Someone realised their error after about 30 seconds, went off and came up on the correct frequency, 5,898. "Atencion, 42131 27451 61362".

V07 [IB]

Freq list vs month from AnonUK:

January	0600 10879	0620 12179	0640 13479 814
February	0600 13366	0620 14866	0640 16266 382
March	0600 14387	0620 16087	0640 17487 304
April	0600 14387	0620 16087	0640 17487 304
May	0600 14621	0620 16321	0640 17521 635
June	0600 14621	0620 16321	0640 17521 635
July	0600 13837	0620 14937	0640 16697 896
August	0600 13837	0620 14937	0640 16697 896
Sept	0600 13381	0620 14781	0640 16281 372
October	0600 14521	0620 15821	0640 17421 584
November	0600 12152	0620 13552	0640 14952 159
December	0600 9272	0620 10672	0640 12172 261 [Tnx AnonUK]

V13 [O] [Star Star Radio, Taipei Taiwan]

11430kHz	1215z	18/02 I/P Weak but with good modulation	HANS	THU
	1300z	18/02 Very weak, fades in and out. Not heard after ca. 1315z	HANS	THU
	1200z	19/02 AM CCYL coded recipients then 4F groups repeated once each	dj	FRI
	1200z	19/02 AM V13 CCYL coded recipients then 4F groups repeated once each. Very weak	dj	FRI

V21 [O] Babblers

6529kHz	1353z	30/01 Found in progress, too weak to copy	Anon	SAT
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V24 [O]

January:

T writes, "As of January 1, 2010, both V24 and M94 experienced major schedule changes.

While it appears all of the same frequencies are still used by both (4500, 4600, 4900, 5115, 5715, 6215, and 6730 for V24, and 4500, 5115, and 5715 for M94) it appears that as many as half of the day/time/freq periods have changed.

All transmissions still appear to be between 1200 and 1620 UTC, starting at XX00 or XX30 with the exception of the periodic 1620 start time."

6215kHz	1505z	17/01 5f, Fair, BC QRM2, QRT 1509z	HANS	SUN
6730kHz	1430z	05/01 Begins with music then possibly 2+2 groups followed by 3+2 groups	dj	TUE

February:

T writes: "I reported last month that it appeared probable that V24 and M94 had experienced a scheduling shift around the beginning of the year. After watching for the last month it would still appear this is correct.

It looks like a little less than half of the schedule slots that were known last year appear to have shifted or changed. Unfortunately I have not had a great deal of time to devote to V24/M94, so I still only have generalities with a few specifics. In general M94 appears to have lost more time slots than V24. The frequencies of 4500, 4600, 4900, and 5115 kHz have become less active, while 5715, 6215, and 6730 have remained about the same or even picked up a few time slots. At least two new lead-in songs and possibly IDs have been noted for V24, no new M94 ID numbers have been reported.

In the past M94 has been strongly assumed to be associated with V24, but that has never been confirmed (that I am aware of). The indicators have been good, for example when V24 has had technical issues so has M94. M94 and V24 have never been reported to have "conflicting" time slots (both have never been reported as on at the same time). When one of the signals has bad propagation so does the other. On shared frequencies the hum from power mains was the same etc, etc. I believe we now have stronger evidence, if not proof, that M94 and V24 are transmitted from the same source.

Beginning sometime in the last two months V24 and M94 have undergone a change in operating habits. Last year the carrier typically went off the air less than 60 seconds after the audio message completed. Occasionally the carrier would stay up longer, sometimes several minutes, but almost never as much as 5 minutes after the audio completed. In the past couple months on several occasions, when back to back time slots were on the same frequency, the carrier stayed up without ever going down for two or more time periods. For example if there were a 1500 and a 1530 V24 TX scheduled on 6215 the carrier might stay on the air from before the 1500 TX until after the 1530 TX was complete.

On January 28, 2010 the carrier on 5715 kHz came up about 8 minutes before a scheduled 1500 UTC M94 transmission (ID 958). The M94 TX completed at 1507:25.

The carrier stayed up, never went off the air, for the following two V24 transmissions, one at 1530 (5f format) and the next at 1600 (again 5f format, but different msg from the 1530 TX). The carrier finally dropped at 1608:05, after more than 1 hour and 16 minutes on the air and including, without carrier interruption both an M94 and two V24 transmissions.

I have also found a "new" V24 frequency (so far M94 not seen on the new freq).

On February 13, 2010 a few minutes before 1600 UTC I found a carrier with hum similar to what is often seen on 5715 on the previously unreported frequency of 6330 kHz. And at 1600 a V24 transmission started on this freq. This is a "hole" in the known V24/M94 schedule, nothing has been reported in this time slot before.

It is quite possible that this is not a new freq, but one that has been in use for a while but previously unreported.

Hopefully in a couple of months I will have the time to look at all time slots and frequencies for an uninterrupted month, building a fairly complete schedule.

But it will not be anytime soon.

6215kHz	1430z	04/02 Fair QSB3 - 5f groups, QRT 1440z	HANS	THU
6215kHz	1500z	04/02 Weak QSB2 - 5r groups, (parts of transmission not heard) QRT 1510z	HANS	THU
6730kHz	1430z	17/02 AM Female spkr. Good sig	dj	WED
	1530z	22/02 5f Strong QSB2 QRT:1537z	HANS	MON

Following on from that above, T writes:

I have mentioned a couple of times now that V24 and M94 seem to have undergone some schedule changes (and operating habit changes) around the first of the year.

Looking at the limited data in the Spynumbers DB (my own monitoring of V24/M94 started less than a year ago) scheduling changes at the beginning of the year seem like something that has happened in the past also. I have been watching them closely and can now say yes, there have been some significant changes in the schedule of both V24 and M94 in the last few months. More so in M94 than V24.

First, in the last month, since I found the "new" 6330 frequency for V24, I have seen NO V24 or M94 transmissions below 5715 kHz. That means that the 4500, 4600, 4900, and 5115 frequencies may be completely inactive. I hesitate to say they are indeed inactive, as it is possible that conditions are contributing to me not seeing any activity on these freqs, they have always been the most marginal in my location (except 5115, it had been fair in the past). But historically I could receive at least half of the scheduled transmissions on these frequencies in a given month. For the last three weeks I have seen no M94 or V24 at all on these frequencies, more than 25 scheduled transmissions that I know of should have happened.

Next, the frequencies that now seem inactive carried the majority of all M94 transmissions. Of the remaining known frequencies (5715, 6215, 6330, and 6730) only 5715 has ever carried M94. That still appears to be true, 5715 still carries M94 and there has been no increase in M94 activity on 5715. In fact, at least two M94 day/time/freq slots/ID's on 5715 have been replaced with V24 transmissions.

Several, one could say many, former M94 slots on 4500, 4600, 4900, or 5115, have been replaced with V24 slots on 5715, 6215, 6330, or 6730, particularly 6330.

With that said it looks at this time like only three active ID's (1017, 1014, and 958), and associated day/time/freq slots (total of 12 transmission a month) remain in the M94 schedule. Of course I will continue to watch and confirm.

Unless there are new M94 frequencies in use that I have not yet found it appears that M94 transmissions are less than 20% of what they were 6 months ago and that V24 transmissions have increased significantly, keeping the total number of combined transmissions a month roughly the same.

Could M94 be on the way out? I suppose it is possible we will soon hear the last M94 transmission.

More logs from T, starting with V24:

5715 kHz, 1600 UTC, Feb 15 2010, V24 5f format
 5715 kHz, 1400 UTC, Feb 16 2010, V24 5f format
 5715 kHz, 1600 UTC, Feb 16 2010, V24 5f format
 5715 kHz, 1400 UTC, Feb 17 2010, V24 5f format
 5715 kHz, 1300 UTC, Feb 18 2010, V24 5f format
 5715 kHz, 1300 UTC, Feb 19 2010, V24 5f format
 5715 kHz, 1430 UTC, Feb 20 2010, V24 5f format
 5715 kHz, 1500 UTC, Feb 20 2010, V24 5f format
 5715 kHz, 1430 UTC, Feb 21 2010, V24 5f format
 5715 kHz, 1500 UTC, Feb 21 2010, V24 5f format
 5715 kHz, 1500 UTC, Feb 28 2010, V24 5f format

6330 kHz, 1600 UTC, Feb 13 2010, V24 4f format, frequency never reported before
 6330 kHz, 1530 UTC, Feb 17 2010, V24 4f format
 6330 kHz, 1330 UTC, Feb 18 2010, V24 4f format
 6330 kHz, 1530 UTC, Feb 18 2010, V24 4f format
 6330 kHz, 1330 UTC, Feb 19 2010, V24 4f format
 6330 kHz, 1400 UTC, Feb 20 2010, V24 5f format
 6330 kHz, 1400 UTC, Feb 21 2010, V24 5f format
 6330 kHz, 1600 UTC, Feb 22 2010, V24 4f format
 6330 kHz, 1600 UTC, Feb 23 2010, V24 4f format
 6330 kHz, 1530 UTC, Feb 24 2010, V24 5f format
 6330 kHz, 1600 UTC, Feb 26 2010, V24 4f format
 6330 kHz, 1600 UTC, Feb 27 2010, V24 4f format

6215 kHz, 1430 UTC, Feb 14 2010, V24 5f format
 6215 kHz, 1500 UTC, Feb 16 2010, V24 5f format
 6215 kHz, 1500 UTC, Feb 17 2010, V24 5f format
 6215 kHz, 1400 UTC, Feb 18 2010, V24 4f format
 6215 kHz, 1500 UTC, Feb 18 2010, V24 5f format
 6215 kHz, 1400 UTC, Feb 19 2010, V24 4f format
 6215 kHz, 1500 UTC, Feb 19 2010, V24 5f format
 6215 kHz, 1600 UTC, Feb 19 2010, V24 4f format
 6215 kHz, 1500 UTC, Feb 26 2010, V24 5f format
 6215 kHz, 1500 UTC, Feb 27 2010, V24 5f format
 6215 kHz, 1530 UTC, Feb 28 2010, V24 5f format

6730 kHz, 1330 UTC, Feb 14 2010, V24 5f format
 6730 kHz, 1330 UTC, Feb 15 2010, V24 5f format
 6730 kHz, 1430 UTC, Feb 15 2010, V24 5f format
 6730 kHz, 1430 UTC, Feb 16 2010, V24 5f format
 6730 kHz, 1620 UTC, Feb 19 2010, V24 5f format
 6730 kHz, 1620 UTC, Feb 20 2010, V24 5f format
 6730 kHz, 1200 UTC, Feb 21 2010, V24 5f format
 6730 kHz, 1530 UTC, Feb 21 2010, V24 5f format
 6730 kHz, 1530 UTC, Feb 22 2010, V24 5f format
 6730 kHz, 1430 UTC, Feb 26 2010, V24 5f format

M94

5715 kHz, 1500 UTC, Feb 14 2010, M94 ID 958
 5715 kHz, 1500 UTC, Feb 15 2010, M94 ID 958
 5715 kHz, 1400 UTC, Feb 22 2010, M94 ID 1014
 6330 kHz, 1400 UTC, Feb 26 2010, M94 ID 935
 6330 kHz, 1400 UTC, Feb 27 2010, M94 ID 935

Note the new frequency of 6330 on 13 February at 1600. As far as I know that is the first time that frequency was reported. Since that time it has been very active.

All month I have heard no activity below 5715 kHz. It appears that V24 and M94 may have abandoned 4500, 4600, 4900, and 5115. The remaining known frequencies of 5715, 6215, 6330, and 6730 have been very active.

A couple of weeks ago I posted that it looked like M94 is now only on 5715.

Late this month I heard an M94 transmission on 6330. This transmission used the same ID number and was in the same day/time slot as one that formerly was on 4500, it appears to only have changed frequencies.

Note how few M94 transmissions I received. In the past V24 always outnumbered M94, but nothing like the current ratio. M94 activities appear to be greatly reduced. The total M94 and V24 transmissions appear about the same as before, possibly indicating that V24 has stepped up its activities to cover the reduced M94 windows.

This URL http://home.mchsi.com/~token_radio/AIIRXed.doc contains a table of all of the V24 and M94 receptions that I know of. Looking at the trends there you can see that several of the 4500, 4600, 4900, and 5115 transmissions time slots have been move to higher frequencies. Also it shows that some of the M94 time slots have been replaced with V24 transmissions. I will update this table as I find more information or as receptions are reported.

This URL http://home.mchsi.com/~token_radio/LastRXed.doc shows a table of the most recent receptions in each day/time/frequency slot that I know of.

POLYTONES

Charts of schedules monitored, with message detail, appear in the Charts Section of each newsletter.

To date, the active Schedules are:

Tuesday / Friday	10bd USB	0700/0600z	Changes Nov/April	
Tuesday/Thursday	10bd USB	1900/1730z	Changes Nov/April	[Schedule A]
Tuesday / Friday	10bd USB	2100/2000z	Changes Nov/April	<u>Changed from 20bd MCW 02/1/2009</u>
Wednesday/Friday	10bd USB	0500z		Not heard in February 2010
Tuesday	10bd USB	1400/1500z	Changes to 1400z April	Under investigation due to apparent changes.

Schedules *thought* to be defunct:

Daily	10bd USB	0900/0800z	Immediate Change Nov/April	
Wednesday/Friday	10bd USB	1900/1800z	Changes Nov/April	[Schedule B] – link with 0500z schedule?

Other Polytones received:

Note the 0500z Wednesday/Friday schedule, discovered by Hans in January, NRH February.

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

Items of Interest in the Media:-

More Cold War revelations; British agent's frozen assets. The New Year always brings a crop of stories from 30 years earlier as government papers are released in accordance with the "lock 'em away for thirty years" rule. The *Mail on Sunday* of 3-January carried such an item by Jonathan Petre and Alun Rees. Headlined, "Cod War? It certainly was the day the KGB took my trousers down at minus 27!", and says, "A British spy endured the frostiest treatment the Soviet Union could deliver at the height of the Cold War. The naval attaché was pounced on and debagged at minus 27 degrees by KGB agents who spotted him spying in Leningrad. The incident in February 1979 was deemed so sensitive that confidential reports, including reference to the removal of the attaché's trousers, were sent to the then Prime Minister, Jim Callahan. Cabinet papers released by the National Archives under the 30-year rule this weekend show how the episode involving Lieutenant-Commander Aubone Pyke was hushed up before a visit to Moscow by the Duke of Edinburgh. Speaking for the first time about the incident last night, the retired officer said the KGB had been watching him after he had notched up intelligence coups including obtaining details of a new MiG fighter, a battle tank and a top-secret submarine.

The career military officer, an assistant attaché at the British Embassy in Moscow and a Russian speaker, had also irritated the Soviets by driving around around in a battered blue Volga car with the number plate '007'. Lieut-Comdr Pyke said he had taken a newly arrived colleague, Lieut Cmdr Ian Clapham, and their wives on a tour of Leningrad, now called St Petersburg, which was a centre for warship and nuclear submarine construction. They strolled along taking innocent photographs of tourist attractions. But when Lieut Cmdr Pyke decided to snap a sensitive military installation, a group of 'heavies' surrounded them. Speaking at his home in Dorset, he said: 'We'd had a lot of success as agents, so I knew that the Sovs wanted to make a point. Ian Clapham had just arrived in Russia so I was showing him the ropes. In fact we were just taking tourist snaps. Then we saw something unusual at a military boatyard and took a photo. In hindsight, I think the KGB put it there to trap us. Next thing, about 25 goons were on us, and they pulled my trousers straight down. It was to stop me running away or struggling and it was very effective. I can tell you it was bloody cold and my wife was very worried about the obvious effects. Three women among the KGB team took care of our wives. We were hustled off to a nearby hall and held for some hours until they processed 18 films they had taken from us. Then an officer looked at each one in turn, dismissing them as 'everyday pictures' until the last film when he declared 'military object'. We were eventually released and expected a diplomatic incident, but it never materialised. Instead everything was smoothed over.' His wife Judy said: 'I was worried for Aubone and I was frightened about what was going to happen because I had three young children back at home in the Embassy.' One of those children is their daughter Charlotte, a successful actress who trained at the St Petersburg Academy of Dramatic Art. She recently played a Russian agent in the BBC series *Spooks*, in which the modern equivalent of the KGB plans a nuclear attack on London. Her father, now 66, said: 'It is a delicious irony because as a child, she was held twice by the KGB with her mother as part of their harassment of diplomatic staff, which was constant and often serious.' In a secret communique seen by Mr Callaghan, the British Ambassador, Sir Curtis Keeble, said the four 'observers' had been 'thrown to the ground and robbed'. A Foreign Office assessment of the diplomatic implications, requested by Mr Callaghan, said the incident was 'an exceptionally large-scale and carefully planned operation'. But the note added that the Soviet authorities were 'keen not to play the incident up', probably because the Duke of Edinburgh was visiting Moscow on the following week on Equestrian Federation business connected to the Olympic Games."

Employment opportunity:- applicants are requested not to all rush at once and to please form an orderly queue:- a short item in the *Daily Express* of 31-January, written by Ted Jeory, Whitehall Editor, is headlined, "EU seeks Afghan police" and says, "Recruits are desperately being sought by Europe to join its Afghanistan police. The obscure EU force which trains Afghans in police work, is struggling to meet its numbers target because of the dangers officers face. Job adverts have been posted on the EU's website pleading for volunteers to fill 100 remaining vacancies and achieve its target strength of 400. The force, set up in 2007, costs taxpayers £40 million a year and involves officers seconded from 19 EU states as well as from Canada, Croatia, New Zealand and Norway. Britain currently sends 19 officers, while Germany has double that figure. EU official Kees Klompenhouwer begged MEPs last week to lobby their national governments. He said: 'I ask for your help in convincing national members of parliaments and governments to staff our mission in full.

It is crucial for our credibility.” The EU officers are trained to spot potential suicide bombers and root out corruption. But the force is being undermined by restrictions from member states on where their officers can be deployed because of the dangers. Most must stay in the capital Kabul or on selected military bases.

Nobel Peace Prize - the latest! I think it was American satirist Tom Lehrer who decided to cut back on his workload back in the 1970's when Cold War hawk Henry Kissinger was awarded the Nobel Peace Prize, because it was beyond satire. This came to mind with the story in the *Daily Mail* of 30-January headlined, “ ‘Peacemaker’ Obama hikes nukes budget to £4.3 billion”, and says, “President Obama is planning to increase spending on America's nuclear weapons stockpile just days after pledging to try to rid the world of them. In his budget to be announced on Monday, Mr Obama has allocated £4.3 billion to maintain the US arsenal - £370 million more than George Bush spent on nuclear weapons in his final year in office. The Obama administration also plans to spend a further £3.1 billion over the next five years on nuclear security. The move infuriated critics who attacked the decision to award Mr Obama the Nobel Peace Prize in December before any of his initiatives - including a vow to cut the world's stock of nuclear arms - could take effect. It came after the president branded nuclear weapons ‘the greatest danger to the American people’ in his State of the Union speech on Wednesday. Mr Obama added: ‘I have embraced the vision of John F Kennedy and Ronald Reagan through a strategy that reverses the spread of these weapons and seeks a world without them.’ Vice President Joe Biden told the Wall Street Journal the budget increase was vital for ‘holding nations like North Korea and Iran accountable when they break the rules and deterring others from trying to do so’.

The Flight *out* of Egypt, forcibly undertaken recently by no less a personage than George Galloway, Member of Parliament and presenter of the modestly entitled “Mother of all Talk Shows” on Talk Sport Radio. On 8-January George accompanied a convoy of supplies for the relief of the inhabitants of the Gaza Strip to which the Egyptian authorities took exception resulting in Mr Galloway being declared “Persona non Grata” and escorted out of the country. Not widely reported, but was covered by the *Daily Express* of 9-January - and they couldn't resist a passing reference to George's appearance on a “reality” TV show a few years ago - “Egypt deports Galloway”, is the headline and says, “Maverick MP George Galloway was bundled out of Egypt yesterday and onto a London-bound plane after he was ordered to be deported. The former Celebrity Big Brother contestant was told that as an ‘unwelcome individual’ he would not be allowed into the country again. Mr Galloway had been trying to bring aid to the Gaza Strip. Both Israel and Egypt have imposed tight border controls on the Palestinian-controlled territory over worries about weapons smuggling to terror group Hamas. But riots broke out leading to the death of an Egyptian policeman when the convoy of pro-Palestinian activists was initially blocked at a border crossing. Egyptian security forces and members of the convoy then threw stones at each other when tempers frayed over the route the convoy was to take into Gaza. Fearing more disorder, Egypt expelled Mr Galloway, MP for the East London seat of Bethnal Green. He was put in a car by members of Egypt's secret police, driven 150 miles to Cairo and placed straight on a direct flight to London. Mr Galloway was elected in 2005 as a candidate for Respect, a now-splintered alliance of Muslims and far-Leftists. Mr Galloway has called Egypt's President Hosni Mubarak a ‘criminal’ and ‘outlaw of the Arab world’ and called for his overthrow.”

The 8th of January was a Friday, so George's radio show was due to start at 10 pm that night. I did not think for one moment that he would turn up at the microphone, but -by George - he did! He was full of contempt for the Mubarak regime and the authorities of Egypt, as distinct from the ordinary people of that country who all wanted to shake his hand even as he was being escorted through the airport to the awaiting plane. George likes to work in some music between the chat related in some way to the topic under discussion, so what better track than his opening number which was, “Walk Like an Egyptian” by The Bangles!

Staying in the Middle East:- “Prominent Iraqi falls through trap-door, but stout rope around his neck stops him falling all the way to the ground” *might* have been the headline over the news that “Chemical Ali” has been hanged for war crimes, but it wasn't. Instead, the *Daily Express* of 26-January came up with, “Hanged for war crimes, the last moments of Chemical Ali” over a piece by Padraic Flanagan and says, “Suicide bomb attacks on three hotels left at least 36 people dead yesterday as Iraq executed Saddam Hussein's henchman Chemical Ali. Ali Hassan Al-Majid, a brutal enforcer in the regime of his cousin Saddam, was hanged after receiving four life sentences for killing Shia Muslims in 1991 and 1999. He was also sentenced to death for the biggest atrocity of Saddam's rule - a gas attack on the Kurdish town of Halabja in 1988 in which 5,600 people died, most of them women and children. The nickname “Chemical Ali” was coined after he ordered the use of mustard gas and sarin against Kurdish targets. He was thought to have been responsible for the deaths of as many as 100,000 civilians. Government spokesman Ali Al-Dabbagh said Al-Majid was not subjected to any abuse during the execution, unlike the hanging of Saddam in December 2006. He confirmed: ‘The death sentence against Ali Hassan Al-Majid has been carried out.’

Radio and TV news:- the digital TV channel “Russia Today” continues to provide some interesting and alternative news stories, not only about Russia but concerning the world in general. I particularly liked the story in January about a nuclear bunker in Prague in the Czech Republic. Just like the bunker at Kelvedon Hatch to the north-east of London, now open to the public - “biggest and deepest in Essex” - the one in Prague is no longer needed for its original purpose, i.e. as a bolt hole for a ruling elite while Armageddon rages in the outside world, and is to be put to an alternative use, in this case as a young persons nightclub; so from now on, all the mayhem and violence will be on the inside then! A conducted tour of the underground building included a detailed look at the generators which would have provided electricity independent of the mains. Magnificent diesel engines carrying the “Skoda” marque, a name known in the West for their range of cars even in the communist era, although in those times they were considered somewhat unfashionable and dated in design - typical joke from twenty five years ago:- have you heard about the new model from Skoda? Sixteen valves. Eight in the engine, four in the tyres and four in the radio! Having said that, I knew several people who owned them and they all considered them to be economical and reliable, if a little slow.

TETRA still making the news: the secure digital radio communications system used by British police forces, which makes it impossible for the VHF/UHF enthusiasts to eavesdrop on the action as the Boys in Blue chase that car load of villains up the motorway - I wonder how that much that affected the sales of Bearcat and AOR scanners - is still alleged to be a cause of ill-health to those using it, as has been the case since it was introduced. The *Daily Express* of 2-January contained a short article headlined, “Force sued by officers who claim radios are making them ill” and says, “Officers are suing their police force for illnesses allegedly caused by their radios. They claim that radiation emissions from the Airwave police radio network has left them with a range of ailments including nausea, headaches and stomach aches. Lancashire Police Authority is now seeking legal advice and speaking with its insurers over compensation claims brought by officers who claim the terrestrial trunked radio (TETRA) technology is not safe. Civil claims have been made against the force and the suppliers of the controversial equipment have since made changes to prevent ‘audio anomalies’. The constabulary has paid £20,000 to minimise the risk of future problems. Airwave is the name of the system used by officers to contact each other via their TETRA radios. The Airwave equipment is supplied via the Home Office contract held jointly by Motorola, which provides the handsets, and O2, which operates the mobile communications network aspect. Lancashire was the first force to pilot the new Airwave technology and TETRA radios in 2001. At the time the federation's local branch reported 176 users had gone sick. The Health and Safety Executive was called in but declared there was no link. The Government spent £2.9 billion introducing the system to the 53 forces in England, Scotland and Wales.”

Digital Audio Broadcasting:- this technology is scheduled to replace FM in domestic broadcasting in the UK in a few years time if the Government have their way. The magic word “choice” is bandied about with regard to DAB, but most of the programming is ghastly rap music and similar, aimed at that 18 to 35 demographic whom commercial operators have determined are easiest to persuade to part with their money. In the run-up to Christmas I noticed a new station which identified itself as “Radio Lapland”, and consisted of an elderly male voice, meant to be that Old Git Santa Clause, no doubt, rambling on about feeding Rudolf, loading up the sleigh and so on, complete with jingling bells sound effects.

An endless, repeated monologue. From 25 December until well into January this was replaced by a child's voice repeating, "Santa has delivered all his presents and is now having a well earned rest". I think this was the weirdest set of sounds I have ever heard coming from the loudspeaker of a radio and struck me as being downright creepy in an Edgar Allan Poe / Stephen King sort of way! *Thanks PoSW*

Perhaps that last DAB radio message is the digital equivalent of a number station, with next transmission along the lines of, "Your Passports are available in Tel Aviv."

And from other sources we present.....

Ex Commander Ali Dizaei

ENIGMA 2000 received this email from a member, pointing us to an excellent piece of journalism that, at 10 pages, is far too long for a credited copy.

To give you the flavour of this piece we include part of the email and suggest you take a decko.

There is mention of a book, 'Not One of Us' since withdrawn due to apparent slanderous comments concerning Operation Helios. It's a good read, if not a little long winded; the dust sheet has a pic of Ali Dizaei standing in his nick's yard, arms folded and looking belligerent. What is the man like? Well as far as PLdn is concerned, very charismatic having met him more than once. [For your interest Iranian Embassy plates fall in the sequence: 181Dnnn/182Dnnn, Liberia Embassy: 202Dnnn]

This interesting snippet from the Daily Mail website carries a very long piece on the delightful Mr Dizaei.

Other wiretaps revealed unauthorised links with a number of foreign embassies. Dizaei apparently stood to gain £2million by brokering the £24million sale of the Ethiopian Embassy in London. The sums staggered listening detectives, who wondered how a middle-ranking police officer came to be involved.

Further diplomatic concerns touched directly on national security. Dizaei had contacts with senior staff in the Iranian Embassy and sometimes drove a Liberian Embassy car with diplomatic plates.

Read more: <http://www.dailymail.co.uk/news/article-1249613/Ali-Dizaei-faces-sack-weeks-receiving-year-term-framing-innocent-man.html#ixzz0f3S6SLch>

Today's [10/02] Mail article focusses on Dizaei's visit to Iran and meeting Ahmadinejad, including this snip;

When Dizaei, 47, was acquitted of corruption in 2003, it emerged that MI 5 had been 'extremely concerned' about his links to a security attache at the Iranian Embassy in London.

British spies had received intelligence that Dizaei was in frequent contact with the official in an ultrasecure part of the building.

The Daily Mail can also reveal that before Dizaei was suspended over the latest corruption offences, he used a pay-as-you-go mobile phone to contact a very senior official in the Iranian Embassy.

Read more: <http://www.dailymail.co.uk/news/article-1249775/The-day-General-Dizaei-met-Iranian-president-guess-paid-trip.html#ixzz0f8xsJ0Q9>

Language Course for the Military

BBC Radio4 transmitted an excellent account of a Chinese course for the military and Ian Wraith also saw fit to let us all know it was on. My radio managed to record it and it was good listen before rolling over to sleep. Thanks are also due to DR who posted me a link and thus providing you with this synopsis:

"Listening to China BBC Radio 4

BBC World Affairs Correspondent Emily Buchanan hears the little-known story of around 300 young men who were selected to learn Chinese at the start of their National Service and then sent to Hong Kong to eavesdrop on Chinese communications.

In the mid 1950s, with the Cold War raging and Chairman Mao's communists in power in China, the RAF began a top-secret programme to select and train a small group of National Servicemen to carry out intelligence work in Hong Kong. For six years from 1955 about 60 a year spent 12 months learning Chinese in England before being flown across the world to monitor radio broadcasts from the highest peak on Hong Kong Island for six months before being demobbed.

Emily hears from some of them about their time on a course which few had known about or chosen to do, and how it changed their lives. They recall the intensive language lessons, life in Hong Kong, the work itself and what they have since learned about their role in the Cold War.

Some went on to work in intelligence, others formed the basis for a generation of professors of Chinese at British universities, and some never used their Chinese again. But all recall how the often chance decision to select them for the language course changed their lives."

In the piece mention was made of the station in Hong Kong where they served, one was something 'Belvedere' as well as the better known Little Sai Wan, home to 367 Signals Unit.

If you want to read more visit:

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

Or, if interested in the Russian Language learning of the Cold War get hold of the book, 'Secret Classrooms: An Untold Story of the Cold War' by Geoffrey Elliott and Harold Shukman. It's a very good read.

Wot! No Jobs?



There's nothing about that yours truly has stumbled across in our usual rags so the recruitment campaign caused by this apparent wish by others to destroy Britain and other places must have ceased.

I received a typewritten envelope with a memo form inside from a member. "You'll be interested to learn that Uni of Bucks is running a course on Security and Intelligence..."

Well, I certainly was.

The descriptive literature that accompanied it reads, 'This programme aims to deliver a deep, nuanced and research-led understanding of the contemporary security and intelligence environment in western democracies with a focus on the UK. Security and Intelligence studies are an important new field in political science but there is also widespread recognition that a good knowledge of how security and intelligence agencies operate, of the environment in which they operate and of how their products are, and should be, used has become a key component of good and successful governance. Emphasis is placed on relating academic and historical analyses to contemporary problems and policy questions especially in the UK but also to western states in general, uniquely using a degree of 'practice' expertise.' The six taught modules ending with a 10000 word dissertation are:

- # Terrorism and Counter Terrorism
- # Intelligence and International Security since 1939
- # Current Threats: Internal and External
- # Case Studies in Intelligence Success and Failure
- # Intelligence Tradecraft and Machinery
- # Simulation Exercise

To read more:

<http://www.buckingham.ac.uk/international/postgrad/taught/security.html>

I did wonder why the books shown in the image above were all by Anthony Glees? Turns out that Professor Glees is a course leader. Perhaps of interest to the ENIGMA 2000 member is the course outline listed under the heading Intelligence Tradecraft and Machinery:

1. Introduction: historical foundations of intelligence gathering in the UK
2. Human intelligence (HUMINT)
3. Signals intelligence (SIGINT)
4. Covert surveillance and operations
5. Military and imagery intelligence (IMINT)
6. Cyber-intelligence
7. Tactical vs strategic: analysis, assessment, use and abuse of intelligence
8. International intelligence collaboration
9. Ethical and policy issues

Again, there's far more to read than we can cover here so take a look at:

<http://www.buckingham.ac.uk/international/postgrad/courses/tradecraft.html>

Thanks to the member who took time to post this in.

And a follow on from 'Gizza Job' series where we predicted 5 and 6 were looking for bankers during our 'recession':

Bankers take huge cuts in salaries to join Spooks

Nicholas Cecil, Chief Political Correspondent
15.02.10

<http://www.thisislondon.co.uk/standard/article-23805984-bankers-take-huge-cuts-in-salaries-to-join-spooks.do>

A growing number of bankers have quit the City to join MI6 as it fights to prevent another terror attack on Britain, the Evening Standard reveals today.

In an exclusive interview, the Secret Intelligence Service's head of recruitment told how financiers had been willing to take big salary cuts after turning their back on the Square Mile.

He also revealed that MI6 would consider employing previously radicalised Muslims if they could prove they had ditched their extremist views.

Recruitment boss "John" said a significant number of lawyers and doctors had abandoned their careers to spy for Britain, as had individuals who had previously worked for non-governmental organisations.

However, one of the most noticeable trends among applicants in the past year-and-a-half had been the growing number coming from the financial sector where jobs have been slashed during the economic crisis.

"We have had a lot of people in the City applying to join us," John said.

Bankers often have good interpersonal skills and expertise at developing relationships – a key skill for MI6 officers – built on their work with clients, have travelled widely and have an understanding of different cultures.

However, John stressed that SIS wanted to reach out to people across the whole of the capital and the UK as it seeks to recruit a new generation of spies. Even previously radicalised individuals would not be automatically rejected.

"If they can convincingly show over a period of time they had renounced their previous views, then I would be prepared to consider them," he said.

But he added: "A persistent record of working against the legislation of the UK government will disbar you from becoming a member of SIS."

Gone are the days when the main recruiting route was a discreet tap on the shoulder from a don at Oxford or Cambridge.

Speaking in a small room in the bowels of the Foreign Office, down a labyrinth of little-used corridors, John says he could not imagine 20 years ago, when he joined MI6, sitting down with a journalist for an on-the-record chat.

But he played down the likelihood of SIS increasingly emerging from the shadows as has recently started to happen with military special forces in Afghanistan.

MI6 wanted to remain as far as possible "unseen and unheard".

"It would be a massive cultural shift if we were to adopt a more open posture," he said.

Applicants could come from rundown estates across the capital but they would face tough competition from academic high-flyers who were well-travelled, had a broad understanding of other cultures and were well-read.

A degree at minimum 2.2 level was needed; recruits have come from 30 different universities. The service is keen to attract more women and members of ethnic minority communities to its ranks, with languages such as Farsi, Dari, Mandarin, Arabic, Pashto, Urdu, Korean and Russian particularly valued.

Individuals with engineering and IT skills are also sought after as MI6 seeks to harness the force and reach of the internet and other cutting-edge technology to "empower" its human intelligence work. Just over a third of "new joiners" fast-stream operational officers are women.

However, John, in his late forties and born abroad, adds: "We are not targeting any specific community.

"We aspire to represent the UK in its fullness and complete diversity."

Protecting the country was one of the appeals of working for MI6, "You are making a contribution to keeping the UK as safe as possible," he said. As for James Bond, MI6 chiefs are quick to dismiss 007 as a role model for real-life agents.

"Every so often, there is a gentle approximation between what we see on the screen and what we end up doing," says John. "We don't disappear for a month on some sort of personal crusade and there are no Aston Martins in the garage."

<http://www.thisislondon.co.uk/standard/article-23805984-bankers-take-huge-cuts-in-salaries-to-join-spooks.do>

Sadly the article was ruined by the plastering of a pic of BBC's Spooks' character Ros aka Ice Maiden, who PLdn considers a right munter. If that wan't bad enough they described her as '.....a role model....'

The comment offered on the Evening Standard web page offering the account seen here reads:

"This isn't news; the sheer amount of adverts that appeared as bankers were being made redundant stands moot to this fact.

The best advert, in my opinion, was the one that read, "Where else could you deliver intelligence to Whitehall, protect your country and pretend you had a boring day at the office?"

Obviously put together to appeal to the self-importance of bankers.

Sadly for those of us who do not possess a degree but probably have a better wherewithal of what occurs during the days of the common people there's no chance. Unless you want to go into Admin:

"This is the data that was inputted accurately. That added to the database, that officers analysed, To focus on an individual, who provided vital information, That saved thousands of lives"

The comments made here are generally made by persons who have absolutely no idea of how the Security Services of the Country operate; who like to mock, let alone have been aware of the campaign to attract redundant 'bankers' to the cause rather than let their academic prowess be wasted."

A quick rush to the front door & form an orderly queue!

Apart from being able to read and write what other qualifications will you need for this. Obviously common sense prevails as does the ability to keep your gob shut about what you see and do.

This one's out just in time for school leavers but I wonder how many out of work graduates will apply for this one and possibly displace those not fortunate enough to have had a chance at further study?

But then would the employer accept a graduate over a non-graduate for a position where a degree is not necessary.

The other thought is they could employ an OAP to do this and be assured of good time keeping and employer loyalty.....now there's a thought.

Anyway; whatever, be British and ferme la bouche on this one!



North Korea – ever wondered?

I first thought about North Korea when I watched ‘Team America’ and again when Dubya was posturing about nuclear weaponry etc. On receiving an application for membership I noted one of three URLs placed at the end of his reply to our auto-response inviting me to view; and view I did.

It’s a worthwhile piece. As a Brit I’d heard of the USS Pueblo incident; I’ve even read a book by its Captain, Commander Lloyd M. Bucher, on the trials and tribulations of his crew in captivity in North Korea. I’d also read somewhere that the North Koreans were using it as a piece of propaganda and here it is, in true colour. Pity we never got to see the coding room.

Take a look at the piece – it’s excellent: <http://www.vbs.tv/watch/the-vice-guide-to-travel/vice-guide-to-north-korea-1-of-3>

No sign of Hans Blix and his briefcase floating about in the shark populated aquarium though..... Ah! Hans Brix!

From The Times
February 12, 2010

Unmanned aerial vehicle catches suspect hiding from police in dark <http://www.timesonline.co.uk/tol/news/uk/crime/article7024248.ece>

A suspected car thief hiding in undergrowth in the dark was caught after being spotted by a police force’s new flying camera. He was the first person in the UK to be arrested that way.

An image of the 16-year-old suspect was captured from 300ft away by Merseyside Police’s unmanned aerial vehicle (UAV), and relayed to an eyepiece worn by the officer operating it.

The four-rotor machine, which has thermal-imaging technology, has a top speed of 30mph with a ceiling of 400ft. It has flashing lights.

The force, which started using the UAV in November, intends to use it at incidents ranging from those involving guns and hostages to public events and football matches.

Chief Inspector Nick Gunatilleke, from the Antisocial Behaviour Taskforce, said: “We are the only police force in the country currently using a UAV like this, and this is the first time the thermal imaging equipment has led directly to an arrest since the UAV went live in November, so we are very pleased. It also has a wealth of other technology and we will use it whenever we can to support other resources such as the force helicopter and dog patrols.”

A 20-year-old man was also arrested in the incident last month in Bootle, Liverpool. Both have since been released on bail

<http://www.timesonline.co.uk/tol/news/uk/crime/article7024248.ece>

January 18, 2010

Frontline troops in Afghanistan to receive ‘Sharpshooter’ rifles <http://www.timesonline.co.uk/tol/news/uk/article6991743.ece>

Soldiers in Afghanistan will be issued with a new rifle this year. More than 400 Sharpshooter rifles which fire a 7.62mm round, are being bought as part of a £1.5 million “urgent operational requirement”, the Ministry of Defence said. Quentin Davies, the Minister for Defence Equipment and Support, said: “Troops in Afghanistan are already bristling with a variety of weapons. The Sharpshooter adds to this arsenal, and provides an additional, highly precise, long-range capability.”

The MoD said the weapons were the first new, infantry rifle in more than two decades. Colonel Peter Warden, a team leader at Defence, Equipment and Support said: “[This] has been bought to fulfil a specific role.”
<http://www.timesonline.co.uk/tol/news/uk/article6991743.ece>

And here you see what HJH and PLdn have been harking on about using small calibre rifles to do a proper job. PLdn used the SA80 on the range at Chelsea Barracks before it was sold off and wasn’t impressed. OK if you want to convert a target into a tea bag but, if you want to do the job properly it has to be a heavier calibre weapon. We got rid of the SLR - smashing weapon. Good rate of fire, accurate, easy to clean [remember the 4x2 HJH?] and more importantly high velocity. at a good range. Last SLR I saw was in the hands of a trooper of the Guyanese Defence Force in 1990.

Where did they all go? This could have all been a re-issue job but where do these come from? America. Even they’re making money out of us over the unwanted Afghan War.

This is one remark from the Daily Mail account on this weapon, good pic of it too:

“I ran the small arms section at a REME wksp up to the change over from the L1A1 to the SA80. Brits follow the US like sheep (just like Blair), the US used 5.56mm in the M16, which we had some of.

This just seems like handing £1.6 mil to the US; it is a disgrace that we cannot provide our own weapon for the purpose. I agree with the comments that the old A1L1 SLR fitted with optical sights would fill the need at a fraction of the cost and stick more units on the ground. Re accuracy, the standard issue SLR used iron sights Vs optical. The SLR (AKA FN FAL) could be fitted with optical sights and was used by Brits as L1A1 SLR with SUIT optical sights.

The AK47 uses a 7.62x39mm, effective range 400m Vs the more powerful SLR NATO 7.62x51 effective range 600m

Why not a 7.62mm from HK, German, I believe still British owned? Or FN SCAR-H. If we want to really give them firepower and range, then buy them the British made AW50, range 1600m, even the US are buying that from us.

- MG, Brit in Seattle, WA, 19/1/2010 02:31

<http://www.dailymail.co.uk/news/article-1244085/British-troops-new-Sharpshooter-rifle-blast-Taliban-half-mile-away.html?ITO=1490#ixzz0d3zHqRMF>



Don’t say this is the first you’ve heard of the suggestion of a heavier calibre weapon being better in this theatre. As previously stated [above and elsewhere] HJH and PLdn have worn this subject out as they have discussed the SLR rifle they were both issued with during past service stating how much more useful it was than the ‘fairground’ SA80A2. You could fire one round from the SLR and it would go through a wall, through the person behind it and any other bugger who happened to be behind them.

What is galling is that our blokes are fighting a war the British public neither wanted nor asked for. It was fought at the behest of Dubya and nodding ‘never say no’ Blair. The US is doing very well out of Iraq oil wise and now, at £3750 each 400 of these rifles, that, thanks to the loss of any industry in the UK it seems we cannot put together ourselves.

Roll on the General Election because Mr Brown will find out exactly what the voting public feels about him, his crap political party, scheming MPs, ‘Spin’ and the crappy lawless, nanny state full of unwanted refugees he and that twat before him have created. Great Britain: Developed over hundreds of years and ruined in 13 by Bliar and Broon. [In my opinion – of course].

From Times Online

January 18, 2010

Google cyber-attack from China 'an inside job'

Murad Ahmed, Technology Reporter

http://technology.timesonline.co.uk/tol/news/tech_and_web/article6992771.ece

Google employees may have assisted hackers who launched a cyber-attack from China, prompting the company's threat to leave the country, it has emerged.

The world's most popular search engine is believed to be investigating whether one or more of its own workers based in the Chinese offices helped those attempting to break into the e-mail accounts of human rights activists last month.

Last week, Google said that it may pull out of the country after it was targeted, along more than 30 other companies, in a "highly sophisticated and targeted attack on our corporate infrastructure originating from China". It has now emerged that a number of Chinese journalists may have also seen their e-mail accounts hijacked.

The company is continuing to investigate the incident which took place in mid-December. But unnamed sources told news agencies today that the attack could have been an inside job.

It is claimed that hackers targeted people who have access to specific parts of Google's networks, with employees based in its Chinese offices helping to facilitate the hackers.

A Google spokeswoman said: "We're not commenting on rumour and speculation. This is an ongoing investigation, and we simply cannot comment on the details".

Local media have also reported that some Google China employees were denied access to internal networks last week, while some staff were put on leave and others sent to its offices around Asia. Google said it would not comment on its business operations.

It is believed that investigators at the company are continuing with the assumption that hackers outside Google were the main culprits, but that the sophistication of the attacks had led them to explore other avenues.

Security experts said the breadth and scope of the attacks, which also targeted the computers of Chinese dissidents, indicated that they were almost certainly carried out by the Chinese state.

Google remains in talks with Beijing over its continued presence in the country. It has said it would pull out if had to continue to submit to the China's sensors.

Privately, Google is resigned to leaving the web's largest growing market. China has tried to downplay Google's threat to leave, saying there are many ways to resolve the issue, but insisting all foreign companies, Google included, must abide by Chinese laws.

Among the major firms targeted by the cyber-attackers were defence contractors, finance and technology companies, as well as human rights activists and journalists.

The victims are believed to include the web company Yahoo, the defence firm Northrop Grumman, and the chemicals giant Dow Chemical, all of which have refused to confirm whether they have been targeted. The internet and technology companies Adobe and Juniper Networks were also hacked.

The Foreign Correspondents' Club of China said in a statement today that Google Mail accounts used by journalists in at least two bureaux in Beijing had been hijacked and their emails forwarded to unknown email addresses. Many Chinese human rights activists have complained of the same problem.

The row between Google and China over the attacks, has led to a number of other spats and diplomatic incidents.

Today, France echoed the German government's warning not to use Microsoft's Internet Explorer web browser, after it emerged that hackers used an unknown weakness in the software to launch the attack against Google and others.

Government agencies in both countries warned its citizens that it should not use any version of Internet Explorer until the security hole in the software was fixed.

Thomas Baumgaertner, a Microsoft spokesman, rejected the moves, pointing out that the attacks on Google were by highly motivated people with a very specific agenda.

"These were not attacks against general users or consumers," Baumgaertner said. "There is no threat to the general user, consequently we do not support this warning."

Meanwhile, the Google issue risks becoming another irritant in China's relationship with the United States. Ties are already strained by arguments over the yuan currency's exchange rate, which U.S. critics say is unfairly low, trade protectionism and U.S. arms sales to Taiwan. Washington said it was issuing a diplomatic note to China formally requesting an explanation for the attacks.

http://technology.timesonline.co.uk/tol/news/tech_and_web/article6992771.ece

Thornton Heath eco bus man faces trial in India after terror arrest

http://www.croydonguardian.co.uk/news/4859806.Thornton_Heath_eco_bus_man_faces_trial_in_India_after_terror_arrest/

An eco activist could face 10 years in an Indian prison after being arrested by police on terrorism charges.

Andy Pag, who is touring the world in a bus powered by chip fat, was arrested last Monday in the state of Rajasthan, in northern India, because he was carrying a satellite phone without permission.

The 35-year-old from Thornton Heath spent a week in a cramped Indian jail in the town of Ajmer before being bailed on Monday.

He now faces a trial on Friday charged under section 70 of the Information Technology Act, section 4/20 of the Telegraph Act and section 3/6 of the Wireless Act. All carry custodial sentences, the minimum of which is two years.

Mr Pag, who started his journey from Wimbledon Common, said: "I have three charges against me, one of them is an anti-terror charge which has a 10 year prison sentence. I am really genuinely worried about it.

"The key point of their investigation is they have a monitoring system and they said my phone was making calls.

"I know I did not use the phone in Pakistan and I have not used it in India. I am waiting for the satellite company to provide the call logs.

"It is crucial I get the data logs. There is no guarantee the company will send the data through and the trial could be delayed another 90 days or indefinitely."

Mr Pag, who has dual Italian and British nationality and was travelling on his Italian passport, was three-and-a-half months into a year-long round-the-world trip to campaign against global warming.

Continued from front page At Mr Pag's bail hearing on Monday, Judge PK Aggarwal said police had not proved Mr Pag posed any threat to Indian security or had illegally used the satellite phone.

He ordered the police to investigate further and Mr Pag posted bail of 40,000 rupees.

Mr Pag, a former Wimbledon resident, spoke from India about his ordeal yesterday.

He said: "Hands up – I made a mistake which has huge consequences. I had no idea you had to have a permit. There is no information on the web or when you apply for a visa or go through the border. It is really difficult to find out satellite phones are banned."

He said border officials were aware he had the phone on him when he entered India but did not ask him any questions about it or give him any clue it was banned.

Mr Pag set out on his journey in September 2009, driving his truck through Europe and the Middle East before reaching India, travelling through Pakistan. He has been joined on his travels by friends and family, including his father and his sister.

His sister Francesca Pagnacco has been trying to help him from London. She last saw him when she joined him for the leg of his journey that took him through Iran.

She said: "He was alone when he was arrested.

"He called us on the Monday and said 'I am in the police station being questioned.' Then he told us they were drawing up the charge sheets and he did not know when he would be able to talk to us again. I have been going out of my mind with worry, it has been awful."

The Foreign and Commonwealth Office said it has not been informed of Mr Pag's arrest by the Indian authorities. He is being helped by the Italian consulate. http://www.croydonguardian.co.uk/news/4859806.Thornton_Heath_eco_bus_man_faces_trial_in_India_after_terror_arrest/

Anyone remember the Airfix 12 [or the Marconi 1]?

From Times Online

February 16, 2010

Britons arrested near Delhi airport as India remains on high alert

Jeremy Page in Delhi

<http://www.timesonline.co.uk/tol/news/world/asia/article7028626.ece>

Indian police have briefly detained two British citizens at a hotel near Delhi's international airport on suspicion of monitoring flights using high-technology surveillance equipment, according to Indian police and media reports.

India is on high alert for terrorist activity following a weekend bombing in the western city of Poona, which killed 10 people, including two foreigners, in the first such assault since the devastating Mumbai attack in November 2008.

Stephen Hampston and Steven Martin were arrested on Monday night at the Radisson Hotel after staff there grew suspicious of their behaviour and informed Indian intelligence agencies, according to the reports.

"They were picked up on the basis of suspicion but nothing incriminating has been found," Rajan Bhagat, a spokesman for Delhi Police, told The Times "We are satisfied with the interrogation and have released them," he said, while declining to comment on the reports that the two men possessed sophisticated tracking equipment.

The British High Commission told The Times that it was aware of the arrest of the men and was providing consular assistance, but did not know why they had been detained. It declined to provide further details.

The NDTV news channel said police found the two men in possession of a map of the airport as well as "radar-like equipment", which could be capable of tracking aircraft.

But it also said that there was no evidence of terrorist activity yet and the men had told police the equipment was meant for plane-spotting.

The Press Trust of India said the two men possessed "high-tech binoculars".

Their detention comes as another British citizen, Andy Pag, awaits trial in the north Indian state of Rajasthan on terrorism charges for possessing a satellite telephone without a licence.

Mr Pag, a 35-year-old "eco-adventurer", was arrested on January 11 after entering India from Pakistan while trying to drive around the world in a bus powered by bio-fuel.

He says he was unaware that satellite phones required a licence in India, and denies any involvement in terrorist activity.

India is especially sensitive about satellite telephones as they were used by the gunmen who staged the militant attack on Mumbai which killed more than 160 people in November 2008.

The Indian government has been under pressure to improve domestic security since the Mumbai attacks, which exposed a lack of cooperation between security agencies, and a shortfall in training and equipment for local police.

Police said today that they had arrested four people in connection with Saturday's bombing on Poona.

One of the suspects was picked up in Poona, while the other was arrested in the neighbouring industrial township of Pimpri, according to the Press Trust of India.

Television news channels said the two others were detained in Aurangabad, about 120 miles from Poona.

Police also said that a student among the 57 people wounded in the attack had died of his injuries in a local hospital, taking the overall death toll to 10 people.

<http://www.timesonline.co.uk/tol/news/world/asia/article7028626.ece>

Hamas supporter teaching at London university

A declared supporter of Hamas, accused by a government minister of advocating attacks on British forces, has been given a paid teaching post at London University, The Daily Telegraph can disclose.

By Andrew Gilligan

Published: 7:00AM GMT 21 Jan 2010

<http://www.telegraph.co.uk/news/uknews/7037659/Hamas-supporter-teaching-at-London-university.html>

Daud Abdullah has been appointed to teach a 22-week course entitled "Introduction to Islam" at Birkbeck, a college of the university. The move will add to growing concern in the wake of the Detroit bomber case that London University is becoming a haven for Islamic radicals.

Last year Dr Abdullah, who is also deputy secretary general of the Muslim Council of Britain, signed the controversial "Istanbul Declaration." This applauded Hamas, demanded "jihad and resistance" against Israel, sought a "complete victory for all of Palestine," stated that "everyone standing with the Zionist entity [Israel]" should be treated the same as the Israelis, and said that the sending of "foreign warships into Muslim waters" was a "declaration of war" which must be "fought by all means."

The then Communities Secretary, Hazel Blears, claimed the declaration advocated "violence against our troops" and "attacks on Jewish communities all around the world" and broke off relations with the MCB when they refused to sack Dr Abdullah.

Dr Abdullah has refused to withdraw his support for the Istanbul Declaration, though he has always insisted that he opposes attacks on British forces. The Government last week restored ties with the MCB - but still refuses to have any contact with Dr Abdullah.

Houriya Ahmed, of the think-tank the Centre for Social Cohesion, said: "This is deeply worrying. It is bad enough when hardline preachers are invited on campus but to have someone actually lecturing on behalf of the university is far worse. It is shocking they think that this man's idea is suitable to introduce students to Islam."

The appointment is the latest in a series of controversies involving Islamist extremism and London University. The Detroit bomber, Umar Farouk Abdulmutallab, was allegedly radicalised while a student at UCL, another college of the university. Earlier this week the Telegraph reported how UCL's Islamic society, which Abdulmutallab once chaired, is to host a series of speakers with links to extremism and alleged terrorism.

It has also emerged that Reza Pankhurst, a teacher at another London University college, the LSE, is a leading activist in Hizb ut Tahrir, an extremist, separatist and anti-Semitic group. Numerous other meetings with radical speakers have been held on the university's premises. Ms Ahmed said: "There appears to be a particular problem with the University of London. They have a duty of care to their students and they are failing to provide it."

Last week senior US government officials accused Britain of not doing enough to tackle extremism, saying the UK has the West's "greatest concentration of active al-Qaeda supporters." Particular concern was expressed about British universities.

The course taught by Dr Abdullah, at Birkbeck's Stratford campus, began in October and is due to last until Easter. A spokesman for Birkbeck College said: "If anyone raises concerns about a member of our staff, we will investigate them."

Dr Abdullah said last night: "I have never had any complaints from the authorities about my teaching. There are members of the police forces and the intelligence agencies who attend my course. I remain a signatory of the Istanbul Declaration and I believe the Palestinian people have the right to resist but I dispute Hazel Blears' interpretation of the Declaration." Asked whether he supported attacks on anyone who "stood with" Israel, such as British Jews or Israeli civilians, he said: "Let's not get into semantics. I have made my views clear."

<http://www.telegraph.co.uk/news/uknews/7037659/Hamas-supporter-teaching-at-London-university.html>

Iran to unveil three new home-built satellites: report

(AFP) – 19 hours ago

<http://www.google.com/hostednews/afp/article/ALeqM5jCDd1NvNvsNUIU4Us1P-aYbvT9HA>

TEHRAN — Iran will unveil three new satellites in February, a report said Wednesday, amid Western concerns that Tehran is using its nuclear and space industries to develop atomic and ballistic weapons.

ISNA news agency quoted Communications Minister Reza Taghipour as saying that one of the three home-built communications satellites is still under construction.

Taghipour named the three satellites as Toloo (Dawn), Ya Mahdi and Mesbah-2, but did not elaborate on exactly when they would be launched.

Ya Mahdi, Taghipour said as quoted by ISNA, was an "experimental satellite" and the launch would be for testing camera and telecommunications equipment.

Mesbah-2, which is under construction, "is a low-orbit telecommunication satellite for storing and sending messages," he said.

"It can do different tasks, not as a 24-hour link, but it can be used for limited communication applications."

Iran's defence minister Ahmad Vahidi said Wednesday that Toloo is a "reconnaissance satellite," ISNA reported.

Vahidi had previously said Toloo would be unveiled during celebrations in early February marking the 31st anniversary of the Islamic revolution.

He said last month that Toloo was designed by Sa Iran, also known as Iran Electronics Industries, an affiliate company of the defence ministry.

"Needs of armed forces in operations are met with local and reliable equipment of the defence industries of this ministry," Vahidi was quoted as saying.

Iran's first home-built satellite, the Omid (Hope), was launched last February to coincide with the 30th anniversary of the Islamic revolution.

The launch sent alarm bells ringing in the international community, which voiced concern over Iran's development of technology that could be used for military purposes.

The West suspects Iran of secretly trying to build an atomic bomb and fears the technology used to launch space rockets could be diverted into developing long-range ballistic missiles capable of carrying nuclear warheads.

Tehran denies having military goals for its space programme or its nuclear drive.

Iran had earlier announced it was building seven new satellites, including three for high orbit positions.

<http://www.google.com/hostednews/afp/article/ALeqM5jCDd1NvNvsNUIU4UsIP-aYbvT9HA>

Gov't intelligence facility under construction

By Stabroek staff | February 6, 2010 in Local News

<http://www.stabroeknews.com/2010/stories/02/06/gov%E2%80%99t-intelligence-facility-under-construction/>

Head of the Presidential Secretariat Dr Roger Luncheon says that administration is currently constructing a building in the compound of Castellani House that is "intended to house the entity that will be responsible for the intelligence work of the administration of the Guyanese government."

Responding to a question at a press conference held yesterday at the Office of the President, Luncheon disclosed that the new facility will serve as a body that will be doing regular intelligence work such as relating to crime and issues relating to national security. He disclosed that this is in no way intended to "stand down" the intelligence entities that currently exist within the police force, the army, CANU, the Guyana Revenue Authority of the Guyana Energy Agency.

However, he added that the national position will depend on pulling all these resources of having a body that will be coordinating and pulling together intelligence information.

He pointed out that what is much of what is intended via this entity already exists but it is distributed via different structures.

Quizzed as to who would be in charge of this new entity, Luncheon said that it could be the Office of the President or the Home Affairs Ministry.

He also clarified that the entity is not being specially to deal with the wire tapping law that the National Assembly passed over a year ago. Dr Luncheon said that the "intercept law provides for technical aspects to be done elsewhere," in response to a question.

<http://www.stabroeknews.com/2010/stories/02/06/gov%E2%80%99t-intelligence-facility-under-construction/>

Jagdeo dismisses concerns over new intel agency

By Stabroek staff | February 14, 2010 in Local News

<http://www.stabroeknews.com/2010/stories/02/14/jagdeo-dismisses-concerns-over-new-intel-agency/>

President Bharrat Jagdeo has denied that a new intelligence body being set up would be used to spy on opponents, while criticising politicians for only finding fault with the country.

Jagdeo was responding to the criticisms of the Working People's Alliance (WPA), which has given voice to concerns about the government's decision to establish a Central Intelligence Agency (CIA), questioning whether it would concentrate its efforts on spying on the citizenry, including the political opponents of the government.

During his remarks at the annual police officers conference, Jagdeo lambasted the party for its criticisms and stressed that his government is creating an intelligence agency that will support the police force in their fight against crime. He pointed out that the formation of such an intelligence unit is a normal happening in other countries. "[But] I opened the papers today and I see a defunct political party, the WPA—I don't know if it exists anymore—saying that we are creating an intelligence agency to spy on citizens and political opponents," he said. "Let me make it clear: we don't need to spy on political opponents; if I want to find information I will just get somebody to go to the rum shop and they would give me all the information I need on political opponents," he added.

The President said many persons, who want the police force to be effective and would "cuss" when they make mistakes, are the same persons who criticise when the government attempts to make changes for improvement. "...When it is time to give you the tools so that you can operate effectively, they see a jumbie behind every bush, because they are accustomed all their lives to see jumbies, they have never done anything or never manage anything so that is all they do every day," Jagdeo said.

According to the President, the agency is not intended to spy on anyone; rather, it would have the best operatives who will garner particular electronic intelligence, using high-tech surveillance methods.

He said the police would have all of the information and images and the force would be able to analyse it and then create a criminal intelligence not only to solve crime but also to prevent it. "We don't have any desire to spy on political opponents or ordinary citizens," the President said pointing out that the tools now being brought to the police force have already been provided to law enforcement agencies in the developed world.

He added that fortunately for those agencies, they do not have to contend with persons who complain about everything "under the sun, they don't see anything positive in this land..."

"And they get one call from a particular ambassador and they are running over paying homage over there, I don't pay homage to people, just to one cause—the Guyanese cause—so let me make that clear," the head of state said.

The WPA recently warned, in a statement, against any attempt to force the Guyana Defence Force in a new direction, in violation of the constitution.

The President at the recent army officers' conference had said that the traditional focus of the army would have to change to ensure better use of the country's resources.

<http://www.stabroeknews.com/2010/stories/02/14/jagdeo-dismisses-concerns-over-new-intel-agency/>

'No-fly' lists, scanners and ban on flights from Yemen to tighten air security

Richard Ford, Home Correspondent and Philip Pank, Transport Correspondent

From Times Online

January 21, 2010

<http://www.timesonline.co.uk/tol/news/uk/article6995224.ece>

A new no-fly list is to be created under counter-terrorism measures announced yesterday to strengthen border security.

Two watchlists will be drawn up from the UK Border Agency's existing database of terrorism suspects, foreign criminals and illegal immigrants.

Flights from Yemen to Britain were banned from yesterday in response to the failed Christmas Day bomb attack on an aircraft coming into land at Detroit.

Gordon Brown announced the moves in a statement to the Commons after a Home Office review of how the present watchlists could be improved. The new lists are to be backed by the speedier implementation of the electronic borders scheme, allowing pre-flight checks on all passengers travelling to Britain.

The Prime Minister said that intelligence co-ordination would be increased by new joint teams from MI6, MI5 and GCHQ that would investigate suspects before they reached Britain.

The no-fly list will contain the names of people prohibited from flying to and from Britain. The second, longer list is to include lower-risk individuals, who will be subjected to special screening before they can board aircraft for Britain.

Mr Brown said that all major ports and airports would be covered by the Home Office e-borders scheme before the end of the year. Under the £1.2 billion programme, passengers must give detailed personal information when buying tickets, so that they can be checked against watchlists before travelling.

The Prime Minister said: "We have agreed with Yemenia Airlines — pending enhanced security — that they suspend their direct flights to the UK from Yemen with immediate effect.

"We are working closely with the Yemeni Government to agree what security measures need to be put in place before flights are resumed.

"I hope that flights can be resumed soon — but the security of our citizens must be our priority."

Until yesterday Yemenia, the national carrier, had been operating two flights a week from Sanaa to Heathrow, via Cairo.

Mr Brown told Parliament that full body scanners would be used at Heathrow from next week.

In 2008, after a four-year trial, Heathrow decided not to adopt the technology, partly because it was not possible to screen large numbers of passengers. The Times understands that one of the trial scanners will be recommissioned for use next week.

BAA, which owns Heathrow, will try out later machines before wider deployment. "We expect to be trialling a number of machines currently on the market," a spokesman said. "Ultimately there will be some kind of scanner in each of Heathrow's terminals."

David Cameron, the Conservative leader, asked Mr Brown whether the scanners would have detected the device carried by the Detroit bomb suspect, Umar Farouk Abdulmutallab, who is alleged to have had powdered explosives sewn into his underwear.

A spokesman for the Department for Transport said: "No single measure is 100 per cent effective against all threats. Scanners are just one useful tool in our security armoury."

Two weeks ago Alan Johnson, the Home Secretary, said that scanners would be brought into service at Heathrow as part of a review of aviation security after the failed Christmas plot.

More use will also be made of dogs, body searches and closer behavioural analysis of passengers at British airports. Equipment to detect traces of explosives will be installed at all airports before the end of the year. The Government will also consider the widespread profiling of passengers.

Muslim police claim that attempts to counter extremism may alienate and stigmatise Muslims. The National Association of Muslim Police said ministers were wrong to believe that Islam was a "driver" of terrorism, arguing that the far Right was a greater terror threat. "Hatred towards Muslims defies all logic," the organisation told a parliamentary investigation of extremism. The association also claimed that ministers were made only "tokenistic" efforts to engage with organisations that disagreed with them.

<http://www.timesonline.co.uk/tol/news/uk/article6995224.ece>

That's PLondon's intended visit to Aden, where he grew up, totally bugged.

From The Sunday Times

January 24, 2010

UK students recruited for Somali jihad

Young British Muslims are joining a terror group linked to Al-Qaeda that is blamed for hundreds of deaths in the African country

Richard Kerbaj

<http://www.timesonline.co.uk/tol/news/uk/article6999929.ece>

STUDENTS from some of Britain's top universities are travelling to Somalia to fight with a terrorist group linked to Al-Qaeda.

Almost a dozen young British Muslims, including a female medical researcher, are said recently to have joined Al-Shabaab, an extremist rebel organisation blamed for hundreds of deaths in the east African state.

Somali community leaders in the UK say students from the London School of Economics (LSE), Imperial College and King's College London are among those who have been recruited within the past year. The youngest recruit is believed to be 18.

One LSE graduate who grew up in Britain is said to have called his pregnant wife from Mogadishu, the Somali capital, telling her: "I am here defending my country and my rights. Look after my daughter. I don't think I will see you again."

An investigation by The Sunday Times into the terrorist "pipeline" to Somalia substantiates claims that Britain has become a fertile breeding ground for Al-Qaeda.

It follows the case of Umar Farouk Abdulmutallab, the London engineering graduate accused of trying to blow up almost 300 passengers on a transatlantic flight on Christmas Day.

The security services believe that Britons travelling overseas to train and fight in lawless countries such as Somalia and Yemen pose a serious risk on their return to the UK.

They have previously suggested that at least two dozen Britons have gone out to Somalia to take up arms and even become suicide bombers, but community leaders believe the figure could be more than 100.

Al-Shabaab — Arabic for “the Youth” — wants to impose sharia across Somalia and is engaged in a violent struggle against the country’s western-backed government. Experts regard it as an African franchise of Al-Qaeda.

It has been proscribed by most western countries, including America and Australia, but has escaped a ban in Britain.

Sheikh Mohamed Ahmed, a moderate religious leader from north London, warned this weekend that Al-Shabaab is exploiting the loophole to recruit youths in the capital. Although many of them were born in Somalia, they have grown up in the UK and are British citizens.

“It’s unbelievable,” said Ahmed. “The group’s supporters and recruiters are free to do what they want.”

Ahmed said some families had received anonymous phone calls from Al-Shabaab recruiters urging them to send their children abroad in the name of Islam. “The police said they cannot take action until they [the recruits] do something,” he said.

Some of those who have left London for Mogadishu claim to be nationalists opposed to western influence in Somalia. However, one man from north London in his mid-twenties cited injustices against Muslims elsewhere before joining Al-Shabaab last year.

The LSE graduate who abandoned his family in south London early last year initially told his pregnant wife and parents that he was travelling to Dubai to work as a journalist at the Khaleej Times newspaper. He never showed up.

Instead, the 25-year-old Arsenal fan, who originally came to Britain from Somalia in 1994 and grew up in Leeds, had travelled to Mogadishu. Friends say he was not particularly religious and even had a western-style wedding.

Perhaps more worrying is the case of two students from west London who are believed to have travelled to Somalia about nine months ago. The men, described by an informed source as a 23-year-old law graduate from King’s College and a 25-year-old completing a medical degree at Imperial College, had both worked as volunteer anti-drugs campaigners around Ealing and were considered influential among Somali youths.

Around the time of their departure, a 24-year-old woman, studying biomedicine at the University of East London, also left Britain, telling friends she was joining Al-Shabaab’s “medical team”.

Mohamed Abdullahi, director of the UK Somali Community Initiative, said his organisation is separately investigating the case of five men and an 18-year-old from London, thought to be fighting for the terrorist group. He said he treads a fine line between helping concerned families and identifying threats to the UK authorities.

LSE, Imperial and King’s College said they had no record of the students. However, members of Britain’s Somali community use a variety of names.
<http://www.timesonline.co.uk/tol/news/uk/article6999929.ece>

For E10 Monitors in particular.....

From Times Online

February 16, 2010

Assassinations: the work of Mossad?

Times Online

http://www.timesonline.co.uk/tol/news/world/middle_east/article7028736.ece

August 1, 2008: Mohammed Suleiman, adviser to the Syrian President, shot dead on a beach near Tartous in Syria. The shot was believed to have been fired from a vessel offshore

February 12, 2008: Imad Mughniyeh, liaison between Hezbollah and Iran, killed by an exploding headrest as he entered a car in Damascus

September 25, 1997: Assassin posing as a Canadian tourist squirts poison into the ear of Shalid Meshaal, the Hamas leader, in Jordan. He does not die

October 26, 1995: The founder of Palestinian Islamic Jihad, Fathi Shikaki, shot dead outside a hotel in Sliema, Malta

April 16, 1988: Khalil al-Wazir, the leader of Fatah known as Abu Jihad, shot several times in front of his family in Tunis, reportedly by an Israeli commando team

July 15, 1979: Zuhair Mohsen, leader of a pro-Syrian faction of the Palestine Liberation Organisation, shot dead in Cannes, France. His organisation, al-Saiqa, collapsed after his death

January 22, 1979: Ali Hassan Salameh, the leader of the Black September organisation, which carried out the Munich Olympics massacre of Israeli athletes in 1972, killed by a car bomb in Beirut. His death was part of the Operation Wrath of God campaign of revenge for the Munich killings

Other assassination methods used by Mossad have reportedly included a booby-trapped telephone, a bomb planted in a bed, and poisoned chocolate

Source: Times database

http://www.timesonline.co.uk/tol/news/world/middle_east/article7028736.ece

And...

From The Times
February 16, 2010

'Mossad assassination squad used British passports'

Hugh Tomlinson in Dubai and Sheera Frenkel in Jerusalem

http://www.timesonline.co.uk/tol/news/world/middle_east/article7028123.ece

Six suspects in the assassination of a senior Hamas official in Dubai entered the country using British passports, it emerged yesterday.

Police in the Gulf state announced that they were hunting for 11 suspects, including a woman, for the murder of Mahmoud al-Mabhouh, a top Hamas commander, who was found dead in his Dubai hotel room on January 20.

Six of these suspects were travelling on British passports and three were carrying Irish passports, including the woman. The other two entered Dubai with German and French passports.

"We have no doubts that it was 11 people holding these passports, and we regret that they used the travel documents of friendly countries," said Lieutenant-General Dhafi Khalfan, Dubai's chief of police.

Hamas has accused Mossad, the Israeli intelligence service, of responsibility for the killing. General Khalfan said that Israeli involvement could not be ruled out. "We do not rule out Mossad, but when we arrest those suspects we will know who masterminded it," he said.

General Khalfan said that details of the 11 suspects had been passed to Interpol and that arrest warrants would be issued soon.

Ehud Olmert, the former Israeli Prime Minister, in a speech at the weekend, alluded to a report in The Times on Saturday that Mossad was waging a covert war of assassinations across the Middle East, targeting Hamas and Iranian officials.

"There are a huge range of options between a full military attack and accepting a nuclear Iran," Mr Olmert said. "There are other means that, together with other things happening, and they are happening, can create a result that would not allow the Iranians to reach what they are trying to reach."

One former Mossad agent confirmed that the organisation regularly used foreign passports for travel abroad on secret missions.

"Sometimes these were legitimate passports of people who held dual citizenship, other times they were acquired," he said. "An Israeli passport raises red flags and is best avoided."

He said that he did not know if Israel was involved in the Dubai murder or had used foreign passports there. Israeli agents have been responsible for numerous assassinations in Europe and across the Middle East over the past 40 years, often posing as foreigners. In 2004 the authorities in New Zealand disclosed that Mossad was securing their country's passports through the Israeli Embassy in Australia. During a trial in Auckland, allegations also surfaced that Mossad was using Canadian passports.

Mr al-Mabhouh's body was discovered by staff at the luxury al-Bustan Rotana hotel on the afternoon of January 20. Based in Damascus, he too entered Dubai on a false passport the day before his murder. He was one of the founders of the Izzedine al-Qassam Brigades, the military wing of Hamas, and is understood to have visited Dubai to arrange a shipment of weapons to Gaza.

Mr al-Mabhouh was born in northern Gaza. In a video aired more than two weeks after his death he confessed to his involvement in the kidnap and murder of two Israeli soldiers during the first Palestinian intifada in 1989. He is believed to have masterminded the attempted smuggling of weapons into Gaza through Sudan last year before the convoy involved was blown up by Israeli jets while still in Africa.

Details of the method of his murder remain unclear. In January Dubai police said that Mr al-Mabhouh appeared to have allowed his killers into his hotel room, where he was suffocated or strangled. One report suggested that the killer gained entry to his room because the woman member was dressed in a hotel uniform. He was reported to have been electrocuted and poisoned. Hamas has vowed to avenge the assassination.

http://www.timesonline.co.uk/tol/news/world/middle_east/article7028123.ece

See also: <http://english.aljazeera.net/news/middleeast/2010/02/201021517248714607.html>

Female suicide bombers: latest al-Qaeda threat

Heathrow airport security terror

Two explanations emerge for UK terror threat level being raised to 'severe'

By Jack Bremer

LAST UPDATED 6:45 AM, JANUARY 25, 2010

<http://www.thefirstpost.co.uk/58783.news-comment.news-politics.are-female-western-suicide-bombers-the-latest-al-qaeda-weapon?DCMP=NLC-daily>

Why was the terror threat to Britain raised on Saturday from "substantial" to "severe"? Two theories have emerged over the weekend to explain the new alert announced by Home Secretary Alan Johnson on the eve of this week's London conferences on Yemen and Afghanistan.

Theory No 1: Al-Qaeda is planning to use women - possibly non-Arab in appearance - as suicide bombers. The Sunday Telegraph reported intelligence sources in the States saying al-Qaeda cells have been training women as suicide bombers to attack western targets including airliners, sports stadiums, ports and power stations.

The women would be travelling on western passports. Some of the women are understood to have been prepared for their missions by the same Yemeni group responsible for the failed Christmas Day plot to blow up an American airliner en route to Detroit.

The paper quotes Richard Clarke, a former White House counter-terrorism adviser, as saying: "They have trained women. There are others who are still out there who have been trained and who are 'clean skins'. - That means people who we do not have a record of, people who may not look like al-Qaeda terrorists, who may not be Arabs, and may not be men."

Female suicide bombers have been used in the past by al-Qaeda in Iraq and, most notoriously, by Palestinian groups in Israel. Using them against western targets would be a first. The Sunday Telegraph's security sources believed it was "inevitable" al-Qaeda would eventually turn to using women of a western appearance.

Theory No 2: Al-Qaeda terrorists plan to hijack an Indian airliner and crash it into a British city. Security sources in London fear such an attack after being warned early last week by Indian intelligence of a plot by terrorists linked to al-Qaeda in Pakistan to hijack a plane flying from Mumbai or Delhi.

According to the Sunday Times, British intelligence has long feared such a scenario ever since a reported al-Qaeda plot in 2003 to crash a plane into Heathrow airport. At the time, Prime Minister Tony Blair and Home Secretary David Blunkett ordered tanks to surround Heathrow airport. However, that was seen as a largely symbolic gesture and reports circulated at the time that the tanks weren't even carrying shells.

However, the Indian government is reported to be taking the threat seriously after having captured a suspected Islamic terrorist leader. Passenger screening is being increased at India's international airports and extra armed sky marshals are being deployed on flights operated by Air India and Indian Airlines.

The 'severe' terror alert was announced by the Home Secretary on Saturday because the Joint Terrorism Analysis Centre at MI5 believes an attack is "highly likely". It is the first time the alert level has reached "severe" since last summer. The next level - the highest - is "critical".

<http://www.thefirstpost.co.uk/58783.news-comment.news-politics.are-female-western-suicide-bombers-the-latest-al-qaeda-weapon?DCMP=NLC-daily>

From The Sunday Times

January 24, 2010

Troops using Twitter endanger security says MoD

http://technology.timesonline.co.uk/tol/news/tech_and_web/the_web/article6999928.ece

CARELESS tweets cost lives. Some military personnel are being disciplined after leaking secrets on Twitter and Facebook, the Ministry of Defence has admitted.

At least 16 potential security breaches have been spotted and 10 people disciplined in the past 18 months. The MoD refused to comment on whether the actions related to operations in Afghanistan or elsewhere. However, it is known that troops in Afghanistan have regular internet access.

The department's latest guidelines require soldiers to seek permission before publishing any information relating to operations. Service personnel are also barred from giving opinions on armed forces activity or blogging on "controversial, sensitive or political" matters.

The rules are difficult to police. Service personnel, using pseudonyms, increasingly vent their anger over defence policy on internet forums such as the Army Rumour Service.

Related Links

The MoD's main computer networks do not allow access to social networking sites. However, some secondary computer systems within the MoD are able to connect directly to the internet and access social networking sites without restriction.

Mikko Hypponen, a computer security expert with software security company F-Secure, warned lives could be placed in danger if personnel were careless about security online. "It is amazing how many people drop their guard when they use social networking sites such as Facebook and Twitter," he said. "The recent changes in Facebook's privacy settings might make them disclose information to the world."

That risk was exposed last year when the wife of Sir John Sawers, the new MI6 chief, posted information about his family on Facebook. Photographs of the MI6 chief then became public.

http://technology.timesonline.co.uk/tol/news/tech_and_web/the_web/article6999928.ece

Honeywell T-Hawk to enter UK service in September



The UK Ministry of Defence is to buy 12 [Honeywell Tarantula \(T\)-Hawk vertical take-off and landing micro air vehicles](#) (MAV), put some of them into service in September and later deploy the type to Afghanistan.

At a cost of almost £6 million (\$7.8 million) for five complete systems, the deployed MAVs will be part of the UK's Talisman system. Talisman uses an excavator and the [UK armoured vehicles Mastiff](#) and mine-protected Buffalo for route proving by clearing mines and improvised explosive devices. Each complete Tarantula system represents an undisclosed number of T-Hawks and a ruggedised laptop control unit.

"The T-Hawk is carried in a rucksack, hovers above the ground and is fitted with a tilting camera," says the MoD.

The MAV could fly ahead and using its camera allow a remote operator, through the laptop, to watch for disturbed earth that signifies roadside bombs. This work is now done by soldiers using metal detectors.

The T-Hawk could replace them and also be used to watch for roadside insurgents preparing an ambush. Five Tarantulas will be delivered in May, with the remaining seven to follow at an undisclosed later date. Members of an MoD integrated project team were involved in two trials in the USA last year.

Source for this article - [Flight Global](#)

Who remembers the Flying Bedstead? Another British invention used in the development of the Hawker P1127 aka Jump Jet – and now we're buying the thing back.

Four Iranian Satellites to Be Unveiled

Monday, 01 February 2010 11:04

<http://english.trib.ir/index.php/news/political/30532-four-iranian-satellites-to-be-unveiled>

Iran's Defense Minister, Brigadier General Ahmad Vahidi has reported on the launch of tens of projects in the domain of aerospace technologies on Wednesday, February 3.

According to IRIB, the minister of defense had attended the unveiling ceremonies of 36 electronic, telecommunication, and optical projects of Iran's telecommunication industries.

In relation to the unveiling of Iran's 36 electronic industries' projects, the minister of defense underscored these projects are related to communicational networks in operating regions, long-range communicational networks, and the communicational networks of aerial vehicles.

General Vahidi noted these networks are highly resistant against the enemy.

<http://english.trib.ir/index.php/news/political/30532-four-iranian-satellites-to-be-unveiled>

Tony BLiar, Chilcott and a small matter of that non-existent Special Relationship

For some time Tony Blair has had his surname tampered with to make BLiar; an unfair move some of his supporters have always said but now read on and find out what BLiar's Civil Service speechwriter thought of him. In fact if you want to know all read the piece in full at:

<http://www.thisislondon.co.uk/standard/article-23800547-tony-blair-a-political-genius-who-lost-us-our-moral-authority.do>

"Iraq was the diversion that drowned Labour's second term. And Iraq, in the end, was why Blair was forced out as PM. It's easy to forget now, comparing smooth Mr Blair and go-go house prices with a country mired in recession, led with a scowl, but Tony Blair was deeply unpopular. His **deceptions** came for many people to symbolise the cynicism of British politics, a world **where spin or outright lies were the shameless norm**. That damage stays with us.

The light that Chilcot sheds on Britain's place in the world is just as alarming. The "special relationship" has long been an almost entirely British conceit: the term is unknown in the US. But for decades, British governments have clung to the belief that they have a little bit of influence over the Americans. "

That's just a sniff at something that really is well worth a read. Special relationship - never was and never will be. Funny how the public knew the claims were naff and prickish politicians either believed it or used it to try to con an already aware public.

<http://www.thisislondon.co.uk/standard/article-23800547-tony-blair-a-political-genius-who-lost-us-our-moral-authority.do>

From The Times
February 17, 2010

Argentina to blockade Falkland waters in dispute over oil rights

Hannah Strange in Caracas and Frank Pope in Stanley

http://www.timesonline.co.uk/tol/news/world/us_and_americas/article7029609.ece

Argentina has declared that it is taking control over all shipping between its coast and the Falklands, in effect awarding itself the power to blockade the disputed islands.

According to a decree issued by President Kirchner last night, all ships sailing through the waters claimed by Argentina must hold a permit. The measure seems likely to deepen a row over conflicting claims to oil beds lying inside the Falkland Islands' territorial waters.

Argentina still claims sovereignty over the islands it calls "Las Malvinas" nearly three decades after the end of the Falklands conflict in which more than 1,000 people died. Tensions over the islands remained buried until the discovery of potentially rich energy reserves in the Falklands' seabed. Argentina protested to Britain this month over plans to begin offshore drilling near the islands.

Yesterday's decree amounts to an Argentine move to control all traffic from South America towards the islands, including an oil rig due to arrive today and start drilling next year.

"Any boat that wants to travel between ports on the Argentine mainland to the Islas Malvinas, South Georgia and the South Sandwich Islands. . . must first ask for permission from the Argentine Government," Aníbal Fernández, the Cabinet chief, said.

He added that the decree would force all ships bound for the islands or travelling through waters claimed by Argentina to obtain the new permit.

Argentina is trying to prevent British companies exploiting what experts say could be substantial oil reserves. Buenos Aires is enraged by Britain's refusal to stop explorations in the face of its long-standing sovereignty claim. Last week it detained a ship, the Thor Leader, which it said had been illegally transporting pipes to the Falklands.

The impending arrival of the Ocean Guardian rig has increased tensions, amid reports from waiting crew members on the islands that it had been shadowed by Argentine jets during the final stage of its journey from the Scottish Highlands.

Last week Argentina vowed to take its complaint against Britain to the United Nations. Jorge Taiana, the Foreign Minister, warned that his Government would take "all necessary steps" to defend its claim on the islands, 300 miles from the coastline.

Geological studies estimate that up to 60 billion barrels of oil could be buried in the seabed around the Falklands, making it a reserve on the scale of the North Sea, which has so far produced 40 billion barrels. The majority of the exploration rights have been awarded to London-based Desire Petroleum, which will drill in the area for the first time since Royal Dutch Shell abandoned its bid in 1998.

The islanders have tried to shrug off the prospect of a new conflict. "There has been an economic blockade of the Falklands from Argentina for many years," Roger Spink, the director of the Falkland Islands Company, said. "It's something we've come to expect."

Britain has more than 1,000 military personnel on land and more than 300 at sea around the Falklands, as well as four Typhoon jets, a destroyer and a patrol boat.

http://www.timesonline.co.uk/tol/news/world/us_and_americas/article7029609.ece

Bloody Hell! Didn't the Argies lose enough badly trained conscripts last time - and now their Govt's wriggling for another kicking? *Message to Major Patrice Dowling [Irish Argentinian]: Up yours matey, you great failing SGFP and get that Union Flag from around your shoulders! Time to test Trident methinks:*

Captain: "WEO, denote seven. Set condition 1SQ for strategic launch."
WEO: "Aye Sir, we'll use 8 and 16 to balance the boat after launch"
Captain: "Target coordinates from orders are 34°36'12"S 58°22'54"W."
WEO: "Very Good Sir."
Captain: "You have control WEO"
WEO: "Thank you Sir; boat balanced, all conditions met, ready for launch, insert keys Gentlemen....."



Anyone remember the Sun's excellent headline 'Gotcha!' because you can read more at

<http://www.sterlingtimes.co.uk/gotcha1.htm>

Thank God it was Maggie Thatcher at the helm when we last had problems down south. Imagine the outcome if BLiar's shambles of a Government had been running the country then. Would have given the Falklands to Argentina lock, stock and barrel – with a grant of £many millions for 999 years and a peerage for Galtieri as long as he doesn't bad mouth BLiar and promises him lots of after dinner speaking engagements after he offloads the helm of Britain onto another second rate politician.

When I buy Corned Beef I still look at the label to ensure there's no argie beef in there, 28 years after the event. It's just been announced that Argentina has other allies including Venezuela and Mexico [*Wonder what their troops are like? You can bet your bottom petro-dollar they'll soon clear off when threatened with a bayonet...and I'm sure Guyana can be persuaded to start agitating about certain border disagreements too...*]

It's that *Special Relationship* again [and E2k did predict that St Barack of O'Bama was no Anglophile]

From The Times
February 25, 2010

US refuses to endorse British sovereignty in Falklands oil dispute

Giles Whittell, Washington and James Bone, New York

http://www.timesonline.co.uk/tol/news/world/us_and_americas/article7040245.ece

Washington refused to endorse British claims to sovereignty over the Falkland Islands yesterday as the diplomatic row over oil drilling in the South Atlantic intensified in London, Buenos Aires and at the UN.

Despite Britain's close alliance with the US, the Obama Administration is determined not to be drawn into the issue. It has also declined to back Britain's claim that oil exploration near the islands is sanctioned by international law, saying that the dispute is strictly a bilateral issue.

Argentina appealed to the UN Secretary-General, Ban Ki Moon, last night to intervene in the dispute, a move Britain adamantly opposes.

"The Secretary-General knows about the issue. He is not happy to learn that the situation is worsening," Jorge Taiana, the Argentine Foreign Minister, said after meeting Mr Ban in New York.

"We have asked the Secretary-General, within the framework of his good offices, to stress to Britain the need to abstain from further unilateral acts."

A top UN aide acknowledged, however, that Mr Ban would not be able to mediate because of Britain's opposition.

Sir Mark Lyall Grant, Britain's Ambassador to the UN, said: "As British ministers have made clear, the UK has no doubt about its sovereignty over the Falkland Islands, South Georgia and the Sandwich Islands . . . We are also clear that the Falkland Islands Government is entitled to develop a hydrocarbons industry within its waters, and we support this legitimate business in Falklands' territory."

Senior US officials insisted that Washington's position on the Falklands was one of longstanding neutrality. This is in stark contrast to the public backing and vital intelligence offered by President Reagan to Margaret Thatcher once she had made the decision to recover the islands by force in 1982.

"We are aware not only of the current situation but also of the history, but our position remains one of neutrality," a State Department spokesman told The Times. "The US recognises de facto UK administration of the islands but takes no position on the sovereignty claims of either party."

Kevin Casas-Zamora, a Brookings Institution analyst and former vice-president of Costa Rica, said that President Reagan's support for Britain in 1982 "irked a lot of people in Latin America".

The Obama Administration "is trying to split the difference as much as it can because it knows that coming round to the British position would again create a lot of ill will in the region", he said.

British officials in Washington said that they were comfortable with the US response to the dispute, but indicated that any American support for mediated negotiations would not be well received. It was "up to the islanders whether they want mediation or not", one official said.

Britain has boosted the islands' defences since the conflict, Admiral Sir Mark Stanhope, the First Sea Lord, said last night. "We have built a massive runway. We have emplaced forces on the ground, we have sophisticated early warning systems. It is a different package. To compare the way we dealt with the issues in 1982 with today is nonsense," he said.

And a very intelligent comment from a reader:

David Green wrote:

It's long past the time to review the special relationship with the US; not only was the first state visit of the new president an invitation to India - rather than the UK - but now the US doesn't even have the guts to back the British inhabitants of the Falklands, the vast majority of whom wish to remain British. Didn't the Americans support the Kosovars in their independence from Serbia? Didn't British jets support American action in the Balkans? This latest rebuff raises the questions of why we supported America in Iraq and why we still send our troops in harm's way in Afghanistan? Once we leave the latter in June 2011 we should bring the special relationship to an abrupt end and no longer rely on America for our nuclear deterrent. Our future lies with an EU force under the supervision of the new (British) EU foreign secretary. It's well past time for us to cut loose from American apron strings. Never again can we support an American president in a foreign interventionist, illegal adventure. PM Wilson was right to refuse British assistance to the US in Vietnam. That should be the paradigm of future co-operation with America not the bogus concept of a "special relationship".

http://www.timesonline.co.uk/tol/news/world/us_and_americas/article7040245.ece

Britons, by their very nature rarely shit on their allies as we pursue fair play. It's sad to see the US Govt displaying such a trait in such a transparent manner. Wonder which one of their Intel Agencies thought this one up?

Anyone with a glimmer of intelligence in their grey matter can work out that if the rights to the oil fell into Argentine or Venezuelan hands the American Government would soon be taking more than a casual interest in the oil field. Perhaps we should show the US how to really shit on supposed allies by pulling out of Afghanistan where our troops have perished prosecuting a doubtfully legal war and consider employing the Taliban or al Qaeda to negotiate with Argentina in their usual manner. Now that would be an interesting move. I have met Argentines and Americans and I have like them. Isn't it sad that like the Brits their respective governments let them down so badly?

"THE FALKLAND ISLANDS ARE BRITISH AND THEY WILL REMAIN SO"

James o' Brien, Broadcaster LBC 97.3



British since 1833



Planespotters charged in India *[Something for the Marconi 1 to ponder]*

AP

Monday, 22 February 2010

<http://www.independent.co.uk/news/world/asia/planespotters-charged-in-india-1907135.html>

Two planespotters from Bristol have been charged with illegally monitoring planes in India.

Stephen Hampton and Steven Ayres aroused suspicion when they asked staff at a Delhi hotel for a room overlooking a runway.

They were carrying an air traffic control scanner, laptop, binoculars and cameras.

Police arrested them on February 15 and questioned them about monitoring flights at Delhi International Airport.

The pair were hoping to be released without charge but a Foreign and Commonwealth Office spokesman said they are due in court on Tuesday because they have now been charged with misusing communications equipment under the Indian Telegraph Act.

Mr Hampton and Mr Ayres are being held in a New Delhi immigration centre.

<http://www.independent.co.uk/news/world/asia/planespotters-charged-in-india-1907135.html>

Russian cash to keep HMS Belfast shipshape

Ross Lydall

22.02.10

<http://www.thisislondon.co.uk/standard/article-23808373-russian-cash-to-keep-hms-belfast-shipshape.do>

Russian firms are coming to the aid of HMS Belfast, the former Royal Navy cruiser docked near Tower Bridge.

The vessel, which is in need of repairs, is the sole survivor of the Arctic convoys that kept Russia supplied and able to fight the Germans during the Second World War.

So far Russian businesses in London have contributed £250,000. The aim is to double this by 9 May, when the country celebrates Victory Day.

The Russian embassy in London is also seeking to contact veterans of the convoys. A Russian jubilee medal commemorating 65 years since the end of the war will be awarded to about 15 former sailors in a ceremony on HMS Belfast, which entered service in 1939, on 24 March.

Fundraising efforts to replace the rusting masts on the ship, which is operated by the Imperial War Museum, began three years ago but were hit by the economic downturn.

Hopes that Vladimir Putin, the Russian prime minister, would authorise a £1 million donation failed to materialise.

Brad King, director of HMS Belfast, said: "I thought it would be really nice if Russian businesses could help. We are part of Russia's history and the ship has touched a lot of lives.

"We felt it was probably best to get official support from the Russian government, and Vladimir Putin, who was then president, did sign it off.

"Since then we have been working out ways of getting companies to support us. The Russian embassy has swung behind it to help it along."

Veterans of the convoys can email the Russian embassy at: Office@rusemblon.org or write to: 6/7 Kensington Palace Gardens, London, W8 4QP.

<http://www.thisislondon.co.uk/standard/article-23808373-russian-cash-to-keep-hms-belfast-shipshape.do>

Revealed: The new £650m high-security US London embassy... complete with moat

By Daily Mail Reporter

Last updated at 9:38 AM on 24th February 2010

<http://www.dailymail.co.uk/news/article-1253378/Revealed-The-new-650m-high-security-US-London-embassy--complete-moat.html>

A towering glass-sided building was unveiled today as the new £650million home of the U.S. embassy in the UK.

Acclaimed American architect firm Kieran Timberlake was selected to design the carbon-neutral structure in Wandsworth, south London.

The U.S. State Department agreed to sell its current base in the UK capital, in Grosvenor Square, after it began showing 'signs of wear and tear'. A model of the winning design for the new U.S. embassy for London was unveiled last night

Cutting edge: A model of the winning design for the new U.S. embassy for London was unveiled last night

Louis Susman, U.S. ambassador to the UK, said: 'We will replace our current embassy, which has become overcrowded, does not meet modern office needs and required security standards - and, after 50 years, is showing signs of wear and tear.

'This effort has special significance in that we are creating a new home and focal point for one of our most cherished and bilateral relationships.'

It is set among landscaping including a pond, which acts as a natural security measure, the design team said. The building is a towering glass cube covered with a thin sheath of photo-voltaic cells

Energy efficient: The carbon-neutral towering glass cube generates energy through its covering of photo-voltaic cells

James Timberlake, of Kieran Timberlake, said: 'It meets and exceeds all the security requirements.

'We are using elements of landscaping that have been around for centuries and centuries.

'But it's not a fortress. We are able to use the landscape as a security device. There's no wall and no fences.'

Building work is due to begin in 2013 and be completed in 2017.

<http://www.dailymail.co.uk/news/article-1253378/Revealed-The-new-650m-high-security-US-London-embassy--complete-moat.html>

It's worth looking at the actual piece for the full article and sight of the model of the building. *Wonder what Prince Charles will think of this latest eyesore to blot the London landscape?*

Police accidentally 'sold specialist counter-terrorism equipment' when getting rid of redundant radio masts

By Daily Mail Reporter

Last updated at 1:25 AM on 08th January 2010

<http://www.dailymail.co.uk/news/article-1241336/Police-accidentally-sold-specialist-counter-terrorism-equipment-getting-rid-redundant-radio-masts.html>

Careless: Police have sold redundant radio masts to raise cash without checking first that essential equipment attached to them were removed

Police have accidentally sold off specialist hardware that was part of a national counter-terrorism communications system, and was supposed to help them communicate without fear of interference.

Internal documents revealed that police chiefs were getting rid of redundant radio masts to raise money without checking first that necessary police equipment attached to it had been retrieved - and now some of the new owners are asking them to pay to get it back.

Several forces have been selling radio mast sites ever since police moved over to a new billion-dollar digital system that made the mast sites redundant.

But a lot of the sold masts still had specialist devices attached to them, and when maintenance engineers working for the Serious Organised Crime Agency (Soca) went to retrieve them, some private owners charged them to retrieve their own equipment.

The system is managed by Soca on behalf of regional police forces and other agencies, believed to include the security services.

Documents showed that chief constables across England and Wales were asked to review future plans for their mast sites by the Association of Police Authorities (APA).

In a letter marked restricted, they were told to give careful consideration to future access rights to masts and equipment.

Senior officers feared any further mast sales or lease deals could undermine the system and hamper efforts to combat terrorism.

The majority of affected masts were in rural areas where free-standing structures on privately-owned plots of land were in use.

An APA spokesman said: 'We can confirm the APA wrote to police authorities in October 2009 regarding radio mast sites in England and Wales, and to request a review by forces and authorities of future plans for radio mast sites.

'The APA believes that radio masts are an important issue for police authorities to consider in addressing issues of national strategy and infrastructure.

'As such it is important that ownership of radio masts is taken into account by all forces and police authorities.'

A spokeswoman for Soca declined comment, saying the agency does not comment on 'specific operational or technical matters'.

Police forces across Britain spent billions of pounds introducing the national digital airwave system to replace antiquated analogue radios.

More than 180,000 people use the new system and there are plans to roll it out to firefighters and paramedics.

The encrypted digital system allowed police to communicate without fear of interception and also send data messages.

Read more: <http://www.dailymail.co.uk/news/article-1241336/Police-accidentally-sold-specialist-counter-terrorism-equipment-getting-rid-redundant-radio-masts.html>

Finally, two excellent snippets of interest.....

SURVEILLANCE SUNGLASSES - As advertised in EYE SPY mag.

Found to be excellent in static circumstances, e.g. in cafe, etc., but on testing by sitting on the front seat of a bus, difficult to observe accurately a target in a rear seat when the bus is in motion, as when ones head is moved, the reflected image moves by twice the amount. Needs extra care to observe establishing when target gets to leave.

NPL TIME & FREQUENCY SERVICES

The MSF 60kHz time and frequency signal broadcast from Anthorn Radio Station will be shut down over the period: 11th. March from 10:00 UTC to 14:00 UTC for scheduled maintenance work.

SPECIAL MATTERS :

Operation Jallaa: Nil activity

MESSAGES:

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

ENIGMA 2000 Group: <http://groups.yahoo.com/group/enigma2000>

ENIGMA 2000 Website: <http://www.enigma2000.org.uk>

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

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

RELEVANT WEB SITES

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

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

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

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

Please indicate if you wish to be contacted direct.

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

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2010 Calendar

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Unexplained Interference issues?

Visit: <http://www.ukqrm.org>

Chart Section Index

1. Logging Abbreviations Explained
2. Prediction Chart [a]
Prediction Chart [b]
3. European Number Systems
4. M01, M01b and M45 Frequency Schedule
5. M12 January/February 2010
6. E07 Regular Schedules
7. Family IA [E06 and S06 fast zeroes]
8. G06 Chart
9. Family III
10. S06 Regular schedules ending slow
11. Current Cuban Schedules, January/February 2010
12. XPA Polytones

Logging Abbreviations explained.

The ENIGMA 2000 Standard logging should take this form without any personalised abbreviations:

E07 10436kHz 1740z 07/06[414 1 563 102 92632 ... 09526 0 0 0 0 0 0] 1753z Fair QRM2 QSB2 PLdn SUN

Station: E07 [Traits of stations in ENIGMA Control List]

Freq: kHz [As above 10436kHz]

Time: z [Always 24hour clock, 'z' states GMT/UTC]

Date: day/month [As above 7th June]

Msg detail: Varies with station

ID taken from 100kHz fig in freqs: 414 [freqs used in this schedule were 13468, 12141 and 10436kHz]

Msg count 1

Dk [decode key]: 563

Gc [group count]: 102

First group of msg: 92632

Text between grps: ...

Last group: 09526 [where more than one group is stated the use of LG ahead group indicates 'Last Group.']

Ending: 0 0 0 0 0 0

Time msg ends: 1753z

Received signal strength assessment: Fair

Noise QRM2

Fading to signal QSB2

Monitor: PLdn

Day heard: SUN

Unknown: unk

Repeat: R [which can be expanded to mean]:

Repeated : R5m [repeated 5 mins]; R5s[repeated 5seconds], R5x [Repeated 5 times]

Received signal strength assessment.

Some receivers possess 'S' meters that give a derived indication of signal strength caused by changes within that receiver. Calibration may, or may not be accurate and the scale, may or may not, be the same as that on other receivers. Some receivers have no meter yet produce acceptable results.

Therefore we prefer the quality of the signal to be assessed by the particular monitor.

Guidance for this can be sought from the Q code:

QSA What is the strength of my signals (or those of...)?

The strength of your signals (or those of...) is...

1) scarcely perceptible.

2) weak.

3) fairly good.

4) good.

5) very good.

[QSA1 S0 to S1; QSA2 S1 to S3; QSA3 S3 to S6; QSA4 S6 to S9; QSA4 S9 and above]

Sooner than put a numerical value we state: Very Weak, Weak, Fair, Strong or Very Strong.

Noise, Static and Fading.

Again guidance from the Q code:

Noise:

QRM Are you being interfered with?

I am being interfered with

1) nil

2) slightly

3) moderately

4) severely

5) extremely.

Note: in the sample the monitor has stated QRM2 which means 'slight noise'; had the interference been from a broadcast station you might have read 'BC QRM2' and so on.

Static [Lightning and other atmospheric disturbance]:

QRN Are you troubled by static?
I am troubled by static
1) nil
2) slightly
3) moderately
4) severely
5) extremely.

Fading [Propagational disturbance]

QSB Are my signals fading?
Your signals are fading
1) nil
2) slightly
3) moderately
4) severely
5) extremely.

Note: in the sample the monitor has stated QSB2 which means 'slight fading' where the received signal obviously fades but the message is still intelligible.

The use of QRM1, QRN1 and QSB1 is not expected; if there is no such aberration to the signal it need not be stated.

Day Abbreviation

Self explanatory: SUN, MON, TUE, WED, THU, FRI, SAT

Mode used in transmission

Generally the mode of transmission is not stated, being available in the ENIGMA Control List. Should the expected mode change then this can be stated as: CW [Carrier Wave] MCW [Modulated Carrier Wave] ICW [Interrupted Carrier Wave] generally associated with Morse transmission; AM [Amplitude Modulation], LSB [Lower Sideband], USB [Upper Sideband] generally associated with Voice transmission.

Languages used

The ident of a station generally states the language in use, E [English], G [German] S [Slavic], V [All other languages].

Non voice stations

M [Morse and TTY] SK [Digital modes] X [Other modes]

Ideally we would like to see logs offered in our standard format allowing the editorial staff to process the results quickly rather than having to manually re-format. Anyone submitting logs should refrain from using their own abbreviations or shortening our abbreviations eg. Su Mo Tu etc.

See a correct example below which is now self explanatory:

V02a 5883kHz 0700z 06/06[A63752 57781 31521] Fair QRN2 end uk PLdn SAT

And the incorrect version:

V2a 5883k 07:00 06/06/2009 A/63752- 57781- 31521 S3 PLdn SA

Additional Info:

Own station idents should not be used.

When an unidentifiable station is submitted please supply the obvious details:

Freq. Time start and end, Date, Message content, particularly preamble and message content and ending. Language details are helpful, particularly any strange pronunciations.

Other details about stations can be found in the ENIGMA Control List available from Group files or sent when you joined.

Prediction March 2010

Date	Day	Time (utc)	TX	Name	Freq (kHz)
1	mon	09.35	G11	Strich	8091
1	mon	11.25	S11a	Cherta	4909
1	mon	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
2	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
2	tue	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
2	tue	18.02	M45	CW sister of S21	4555 4955
2	tue	18.42	S21	Russian lady	4454 and 4854
2	tue	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
3	wed	07.00	M14	Ending 00000	5143
3	wed	08.50	E11	Oblique	9049
3	wed	13.20	E11	Oblique	16530
3	wed	15.50	E11	Oblique	13908
3	wed	17.30	M24	Ends 0 0 0 0 0	4496
3	wed	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
3	wed	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
4	thu	05.30 / 50 / 06.10	E07	English man 000 000	5146 5846 6846
4	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
4	thu	07.55	E11	Oblique	6524
4	thu	08.00 / 10	E17z	English lady 00000	14260 12930
4	thu	09.10	M03	Family III CW	9150
4	thu	09.35	G11	Strich	8091
4	thu	18.02	M45	CW sister of S21	4555 4955
4	thu	18.30	G06	German lady 00000	5935
4	thu	18.42	S21	Russian lady	4454 and 4854
4	thu	20.30	E06	English man 00000	5186
4	thu	21.10 / 30 / 50	E07	English man 000 000	7516 5836 4497
5	fri	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
5	fri	19.30	G06	German lady 00000	5442
5	fri	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
7	sun	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
8	mon	09.35	G11	Strich	8091
8	mon	11.25	S11a	Cherta	4909
8	mon	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
9	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
9	tue	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
9	tue	18.02	M45	CW sister of S21	4555 4955
9	tue	18.42	S21	Russian lady	4454 and 4854
9	tue	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
10	wed	07.00	M14	Ending 00000	5143
10	wed	08.50	E11	Oblique	9049
10	wed	13.20	E11	Oblique	16530
10	wed	15.50	E11	Oblique	13908
10	wed	17.30	M24	Ends 0 0 0 0 0	4496
10	wed	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
10	wed	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
11	thu	05.30 / 50 / 06.10	E07	English man 000 000	5146 5846 6846
11	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
11	thu	07.55	E11	Oblique	6524
11	thu	08.00 / 10	E17z	English lady 00000	14260 12930
11	thu	09.10	M03	Family III CW	9150
11	thu	09.35	G11	Strich	8091
11	thu	18.02	M45	CW sister of S21	4555 4955
11	thu	18.30	G06	German lady 00000	5935
11	thu	18.42	S21	Russian lady	4454 and 4854
11	thu	20.30	E06	English man 00000	5186
11	thu	21.10 / 30 / 50	E07	English man 000 000	7516 5836 4497
12	fri	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
12	fri	19.30	G06	German lady 00000	5442

Date	Day	Time (utc)	TX	Name	Freq (kHz)
12	fri	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
14	sun	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
15	mon	09.35	G11	Strich	8091
15	mon	11.25	S11a	Cherta	4909
15	mon	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
16	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
16	tue	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
16	tue	18.02	M45	CW sister of S21	4555 4955
16	tue	18.42	S21	Russian lady	4454 and 4854
16	tue	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
17	wed	07.00	M14	Ending 00000	5143
17	wed	08.50	E11	Oblique	9049
17	wed	13.20	E11	Oblique	16530
17	wed	15.50	E11	Oblique	13908
17	wed	17.30	M24	Ends 0 0 0 0 0	4496
17	wed	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
17	wed	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
18	thu	05.30 / 50 / 06.10	E07	English man 000 000	5146 5846 6846
18	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
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18	thu	18.42	S21	Russian lady	4454 and 4854
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18	thu	21.10 / 30 / 50	E07	English man 000 000	7516 5836 4497
19	fri	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
19	fri	19.30	G06	German lady 00000	5442
19	fri	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
21	sun	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
22	mon	09.35	G11	Strich	8091
22	mon	11.25	S11a	Cherta	4909
22	mon	21.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
23	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
23	tue	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
23	tue	18.02	M45	CW sister of S21	4555 4955
23	tue	18.42	S21	Russian lady	4454 and 4854
23	tue	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
24	wed	07.00	M14	Ending 00000	5143
24	wed	08.50	E11	Oblique	9049
24	wed	13.20	E11	Oblique	16530
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25	thu	05.30 / 50 / 06.10	E07	English man 000 000	5146 5846 6846
25	thu	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
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25	thu	18.30	G06	German lady 00000	5935
25	thu	18.42	S21	Russian lady	4454 and 4854
25	thu	20.30	E06	English man 00000	5186
25	thu	21.10 / 30 / 50	E07	English man 000 000	7516 5836 4497
26	fri	07.00 / 20 / 40	XPA	Polytones	10327 11627 13427
26	fri	19.30	G06	German lady 00000	5442

Date	Day	Time (utc)	TX	Name	Freq (kHz)
26	fri	21.00 / 20 / 40	XPA	Polytones	6842 5924 5178
28	sun	18.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
29	mon	09.35	G11	Strich	8091
29	mon	11.25	S11a	Cherta	4909
29	mon	20.00 / 20 / 40	E07	English man 000 000	7874 6968 5253
30	tue	06.00 / 20 / 40	V07	Spanish lady 000 000	14387 16087 17487
30	tue	06.00 / 20 / 40	XPA	Polytones	10327 11627 13427
30	tue	18.02	M45	CW sister of S21	4555 4955
30	tue	18.42	S21	Russian lady	4454 and 4854
30	tue	20.00 / 20 / 40	XPA	Polytones	6842 5924 5178
31	wed	07.00	M14	Ending 00000	5143
31	wed	08.50	E11	Oblique	9049
31	wed	13.20	E11	Oblique	16530
31	wed	15.50	E11	Oblique	13908
31	wed	17.30	M24	Ends 0 0 0 0 0	4496
31	wed	17.00 / 20 / 40	E07	English man 000 000	9923 9068 7697
31	wed	20.00 / 20 / 40	E07	English man 000 000	7874 6968 5253

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Mar kHz, ID, ...	Apr kHz, ID, ...
	x		x				0340/0400/0420		M12	01B		5829/ 6929/ 8029 890
x		x					0400/0420/0440		M12	01B		6972/ 8172/ 9372 913
	x		x				0410/0430/0450		M12	01B		search
			x				0430/0450/0510		E07A	01B		7437/ 8137/ 9137 411
	x		x				0440/0500/0520		M12	01B	5829/ 6929/ 8029 890	
x		x					0500/0520/0540		M12	01B	6784/ 7584 751	
	x		x				0510/0530/0550		M12	01B	8158/ 9324/10403 134	
		x					0530/0540		S06S	01A	10835/12170 153	10835/12170 153
			x				0530/0550/0610		E07A	01B	5146/ 5846/ 6846 188	
	x						0535		E11	03	6804 633/00, search	6804 633/00, search
	x						0600/0610		S06S	01A	14080/12355 438	14080/12355 438
				x			0600/0610		S06S	01A	6340/ 5470 934	6340/ 5470 934
				x			0600/0610		S06S	01A		7795/ 8695 196
			x				0600/0620/0640		M12	01B	6782/7523/ 8173 749	
	x			x			0600/0620/0640		XPA	01B		10118/11118/12118 10327/11627/13427sea rch
	x		x				0605		E11	03	6397 517/00, search	6397 517/00, search
						x	0700		M01	14	6508 463	6508 463
				x			0700/0710		S06S	01A	7795/ 8695 196	
	x						0700/0710 (15)		S06S	01A	5760/ 6930 374	5760/ 6930 374
	x		x				0700/0720/0740		E07	01B		6941/ 8041/ 9241 902
				x			0700/0720/0740		M12	01B	9338/10638/12138 338	
	x			x			0700/0720/0740		XPA	01B	10327/11627/13427	
		x					0730/0740		S06S	01A		
x			x				0755		E11	03	6524 438/00, search	6524 438/00, search
x		x					0757	3	E23	11	4832	9049 534/00, search
x		x					0757	4	E23	11	5340	221/00, search
			x				0800		E17Z	01A	14260/12930 674	14260/12930 674
	x						0800/0810		S06S	01A	11635/10420 352	11635/10420 352
	x	x					0800/0810		S06S	01A	7320/ 9840 418	7320/ 9840 418
	x		x				0800/0820/0840		E07	01B	6893/ 7493/ 8193 841	
		x					0820/0830		S06S	01A	7605/ 9255 471	7605/ 9255 471
		x					0830/0840		S06S	01A	7335/11830 745	7335/11830 745

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Mar kHz, ID, ...	Apr kHz, ID, ...
			x				0840/0850		S06S	01A	9480/11040 328	9480/11040 328
x		x					0850		E11	03	9049 534/00, search	9049 534/00 search
			x				0900/0910		S06S	01A	10550/12310 167	10550/12310 167
				x			0930/0940		S06S	01A	12140/13515 516, search!	12140/13515 516, search!
		x			x		0950		S11A	03	221/00, search	221/00 search
x	x	x	x				0952	2	M04	11	7250	7250
x	x	x					0957	1	E23	11	6507	6507
x	x	x					0957	3	E23	11	6200	6200
x	x	x					0957	4	E23	11	8188	8188
		x					1000/1010		S06S	01A	13365/14505 729	13365/14505 729
			x				1000/1010		S06S	01A	9225/11515 895	9225/11515 895
					x		1000/1010		S06S	01A	6410/ 7340 893	6410/ 7340 893
x		x	x				1152	2	M04	11	8188	8188
x		x					1157	1	E23	11	8188	8188
x		x					1157	3	E23	11	8188	8188
x		x					1157	4	E23	11	7250	7250
x							1200/1210		S06S	01A	9145/11460 831	9145/11460 831
		x					1200/1210		S06S	01A	/ 6737 481, search!	/ 6737 481, search!
			x				1200/1210		S06S	01A	12560/13065 425, search	12560/13065 425, search
	x						1230/1240		S06S	01A	/ 5805 278	/ 5805 278
		x					1230/1240		S06S	01A	7620/ 8105 967	7620/ 8105 967
			x				1230/1240		S06S	01A	8650/ 7385 314	8650/ 7385 314
x		x					1257	3	E23	11	6507	6507
x		x					1257	1	E23	11	5340	5340
	x						1300/1400	1/3	E06	01A		11120/ 9130 147
x							1300/1310		S06S	01A		
	x					x	1400/1420/1440		XPA	01B	9167/ 8167/ 6967	11467/10367/ 9167
					x		1500		M01	14	6261 463	6261 463
	x						1500/1510		S06S	01A	6464/ 7245 537	6464/ 7245 537
			x				1505		M01B	14		5958 159
				x			1515		M01B	14		5810 158
					x		1600 (1605)		S06S	01A	5783, 6913 969	5783, 6913 969
x							1600/1610		S06S	01A	8040/ 6830 176	8040/ 6830 176
	x						1600/1620/1640		M12	01B		8047/ 6802/ 5788 463
			x				1605		M01B	14	5938 159	
				x			1615		M01B	14	5810 158	
		x				x	1700/1720/1740		E07	01B		12123/10703/ 8123 search! alt: 14866/13571/12194

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Mar kHz, ID, ...	Apr kHz, ID, ...
x		x					1700/1720/1740		M12	01B		8047/ 6802/ 5788 463
	x						1700/1720/1740		M12	01B	8047/ 6802/ 5788 463	
		x				x	1700/1720/1740		M12	01B		
	x		x				1702		M45	14		
	x		x				1730/1750/1810		XPA	01B		
	x		x				1742		S21	14		
	x		x				1800		M01	14	5474 463	5474 463
		x				x	1800/1820/1840		E07	01B	9923/ 9068/ 7697 906	
x		x					1800/1820/1840		M12	01B	8047/ 6802/ 5788 463	
			x				1800/1820/1840		M12	01B		11435/10958/ 9327 938
		x					1800 (1805)		S06S	01A	5070/ 5735 471	5070/ 5735 471
	x		x				1802		M45	14	4555, 4955 555	4555, 4955 555
x							1810		M01B	14		3535, 4590 420
			x				1830	2/4	G06	01A	5935 579	5935 579
			x				1830/1850/1910		M12	01B		search
			x				1832		M01B	14		3510, 4605 201
	x		x				1842		S21	14	4454, 4854 454	4454, 4854 454
		x					1900/1910		S06S	01A	9220/ 8270 371	9220/ 8270 371
			x	x			1900/1920/1940		M12	01B		13582/12082/10382 503
x							1900/1920/1940		M12	01B		9176/ 7931/ 6904 257
	x		x				1900/1920/1940		XPA	01B	9362/ 8062/ 7462	10943/10243/ 9243
				x	x		1900/2000	1/3	M14	01A		9060/ 8180 ###
x			x				1900 (1905)		S06S	01A	4491/ 5432 407	4491/ 5432 407
				x			1902		M01B	14		3625, 4440 153
x							1910		M01B	14	3535, 4590 420	
x							1915		M01B	14		3644, 4454 771
				x			1930	2/4	G06	01A	5442 947	5442 947

European Number Systems

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

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

2 ZWEI pronounced by some TXs, as TSWO .

5 FUNF some pronounce it as FUNUF poss hrd as a fast TUNIS

9 NEUN pronounced by some as NEUGEN.

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

Arabic Numerals [E25 and V08]

English	zero	one	two	three	four	five	six	seven	eight	nine
	0	1	2	3	4	5	6	7	8	9
Arabic	sifr	wahid	itnien	talata	arba	khamisa	sitta	saba	tamanya	tissa
	٠	١	٢	٣	٤	٥	٦	٧	٨	٩

Numeral systems used on selected Slavic Stations [Stations apparently discontinued]

	<i>S11 Presta</i>	S11a Cherta	<i>S10d</i>	<i>S17c</i>
0	zero	nul	Nula*	Nula*
1	yezinka	adinka	Jeden [^]	Jeden [^]
2	dvonta	dvoyka	dva	dva
3	troika	troyka	tri ‘	tri ‘
4	chidiri	chetyorka	shytri	shytri
5	peyonta	petyorka	pyet	pyet
6	shes	shest	shest	shest
7	sedm	syem	sedoom	sedoom
8	osem	vosyem	Osoom~	Osoom~
9	prunka	dyevyet	devyet	devyet

Notes: * Nula heard as nul

[^] Jeden heard as yedinar

‘ Tri heard as ‘she’

~ Osoom often heard as bosoom or vosoom.

M01 M01b M45 Frequency Schedule 2009

M01 Sunday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	197	197	463	463	025	025	025	025	463	463	197	197
0700	5464	5464	6508	6508	6780	6780	6780	6780	6508	6508	5464	5464

M01bMonday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID				420	364	364	364	364	420	420		
1810				3535	5125	5125	5125	5125	3535	3535		
//				4590	5735	5735	5735	5735	4590	4590		
ID	853	853	420								853	853
1910	2435	2435	3535								2435	2435
//	3520	3520	4590								3520	3520
ID				771	858	858	858	858	771	771		
1915				3644	5150	5150	5150	5150	3644	3644		
//				4454	5475	5475	5475	5475	4454	4454		
ID				298	729	729	729	729	298	298		
2010				4991	5815	5815	5815	5815	4991	4991		
//				5336	6769	6769	6769	6769	5336	5336		
ID	375	375	771								375	375
2015	2427	2427	3644								2427	2427
//	3205	3205	4454								3205	3205
ID	136	136	298								136	136
2110	4615	4615	4991								4615	4615
//	5065	5065	5336								5065	5065

M01 Tuesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	197	197	463	463	025	025	025	025	463	463	197	197
1800	5320	5320	5474	5474	5280	5280	5280	5280	5474	5474	5320	5320

M45 Tuesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	525	525	555	555	074	074	074	074	555	555	525	525
1702				4555	5074	5074	5074	5074				
//				4955	5474	5474	5474	5474				
1802	3525	3525	4555						4555	4555	3525	3525
//	4025	4025	4955						4955	4955	4025	4025

M01 Tuesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	197	197	463	463	025	025	025	025	463	463	197	197
2000	4490	4490	5017	5017	4905	4905	4905	4905	5017	5017	4490	4490

M01b Thursday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	159	159	159	159	159	159	159	159	159	159	159	159
1505				5938	5938	5938	5938	5938	5938	5938		
1605	5938	5938	5938								5938	5938
ID				201	815	815	815	815	201	201		
1832				3510	5095	5095	5095	5095	3510	3510		
//				4605	5760	5760	5760	5760	4605	4605		
ID	910	910	201								910	910
1932	2466	2466	3510								2466	2466
//	3545	3545	4605								3545	3545
ID				477	936	936	936	936	477	477		
1942				3715	5065	5065	5065	5065	3715	3715		
//				4570	5805	5805	5805	5805	4570	4570		
ID				302	931	931	931	931	302	302		
2032				4905	5763	5763	5763	5763	4905	4905		
//				5736	5941	5941	5941	5941	5736	5736		
ID	382	382	477								382	382
2042	2485	2485	3715								2485	2485
//	3160	3160	4570								3160	3160
ID	514	514	302								514	514
2132	4603	4603	4905								4603	4603
//	4991	4991	5736								4991	4991

M01 Thursday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	197	197	463	463	025	025	025	025	463	463	197	197
1800	5320	5320	5474	5474	5280	5280	5280	5280	5474	5474	5320	5320

M45 Thursday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	525	525	555	555	074	074	074	074	555	555	525	525
1702				4555	5074	5074	5074	5074				
//				4955	5474	5474	5474	5474				
1802	3525	3525	4555						4555	4555	3525	3525
//	4025	4025	4955						4955	4955	4025	4025

M01 Thursday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	197	197	463	463	025	025	025	025	463	463	197	197
2000	4490	4490	5017	5017	4905	4905	4905	4905	5017	5017	4490	4490

M01b Friday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	158	158	158	158	158	158	158	158	158	158	158	158
1515	xxxx	xxxx	xxxx	5810	5810	5810	5810	5810	5810	5810	xxxx	xxxx
1615	5810	5810	5810								5810	5810
ID										365	444	
1708										6365		
1808											6444	
ID				153	336	336	336	815	153	153		
1902				3625	5075	5075	5075	5075	3625	3625		
//				4440	5465	5465	5465	5465	4440	4440		
ID	866	866	153								866	866
2002	2653	2653	3625								2653	2653
//	3197	3197	4440								3197	3197
ID				582	467	467	467	467	582	582		
2010				3520	4895	4895	4895	4895	3520	3520		
//				4585	5340	5340	5340	5340	4585	4585		
ID				271	871	871	871	871	271	271		
2102				4766	5329	5329	5329	5329	4766	4766		
//				5443	5752	5752	5752	5752	5443	5443		
ID	610	610	582								610	610
2110	2405	2405	3520								2405	2405
//	3180	3180	4585								3180	3180
ID	419	419	271								419	419
2202	4508	4508	4766								4508	4508
//	4706	4706	5443								4706	4706

M01 Saturday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ID	197	197	463	463	025	025	025	025	463	463	197	197
1500	5810	5810	6261	6261	6434	6434	6434	6434	6261	6261	5810	5810

With a receiver set to CW mode you will hear two tones. The table above shows the lower tone. Add 2 k/cs for next tone. The tones are modulated so you will also hear this in AM mode.

M01b is undergoing some changes and not all of the above are active. Frequencies not heard are in Italics and shaded. Expected frequencies of those not heard for rest of year in Italics.

Revised 76th November 2009

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Fri 1	0700	9138	0720	10538	12138	138	141
Sat 2	None	Found					
Sun 3	0930	13369	0950	14669	15969	369	119
	1830	8192^	1850	7692^	6792	167	127
Mon 4	0500	4638	0520	5738	---	678	
	0600	4768**	0620	5868**	---	783	
	0800	14736	0820	13536	12136	751	183
Tue 5	0440	4443	0500	5043	---	408	
	0510	5888	0530	6952	---	897	
Wed 6	0500	4638	0520	5738	---	678	
	0800	14736	0820	13536	12136	751	183
	1830	8192	1850	7692	6792	167	221
	2200	5361	2220	4461	---	340	
Thu 7	0440	4443	0500	5043	---	408	
	0510	5888	0530	6952	---	897	
	0730	5284	0750	5784	---	277	
	1400	13582^	1420	12082	---	503	
	1930		1950	4639	---	463	

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Fri 8	0700	9138	0720	10538	---	138	0 0 0
Sat 9	1300	12217	1320	11117	---	214	0 0 0
Sun 10	0930	13369	0950	14669	---	369	0 0 0
	1830	8192^	1850	7692^	6792	167	415
							221
Mon 11	0500	4638	0520	5738	---	678	0 0 0
	0600	4768**	0620	5868**	---	783	0 0 0
	0800	14736	0820	13536	12136	751	755
	1300	12217	1320	11117	---	214	0 0 0
	1800	8047^	1820	6802	5788	463	1128
	2000	9176^	2020	7931^	6904	257	5915
							80
Tue 12	0440	4443	0500	5043	---	408	216
	0510	5888	0530	6952	---	897	0 0 0
	1700	8047^	1720	6802	5788	463	4281
	1930	4439	1950	4639	---	463	0 0 0
	2200	5938	2220	4938	4038	138	153
							239
Wed 13	0500	4638	0520	5738	---	678	0 0 0
	0710	5436	0730	6806	7669	691	1378
	0800	14736	0820	13536	12136	751	845
	1800	8047^	1820	6802^	5788	463	8144
	1830	8192	1850	7692^	6792	167	981
	2200	5361	2220	4461	---	340	0 0 0
Thu 14	0440	4443	0500	5043	---	408	216
	0510	5888	0530	6952	---	897	0 0 0
	0710	5436	0730	6806	7669	691	2798
	0730	5284	0750	5784	---	277	0 0 0
	1400	13582^	1420	12082	10382	503	108
	1930	4439	1950	4639	---	463	0 0 0

* Time of transmissions offset due to length of message

** ID 783 Msgs transmitted in MCW

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Fri 15	0700	9138	0720	10538	0740	12138	138	153	239
	1400	13582	1420	12082	1440	- - -	503	0 0 0	
Sat 16	1300	12217	1320	11117	1340	- - -	214	0 0 0	
Sun 17	0930	13369	0950	14669	1010	15969	369	762	141
	1830	8192^	1850	7692	1910	6792	167	981	139
Mon 18	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0530	4457	0550	5157	0610	- - -	417	0 0 0	
	0600	4768**	0620	5868**	0640	- - -	783	0 0 0	
	0800	14736	0820	13536	0840	12136	751	465	209
	1300	12217	1320	11117	1340	- - -	214	0 0 0	
	1800	8047^	1820	6802	1840	5788	463	6406	80
	2000	9176^	2020	7931	2040	6904	257	533	73
Tue 19	0440	4443	0500	5043	0520	5843	408	616	239
	0510	5888	0530	6952	0550	7707	897	929	31
	1700	8047^	1720	6802	1740	5788	463	4461	50
	1930	4439	1950	4639	2010	- - -	463	0 0 0	
	2200	5938	2220	4938	2240	- - -	138	0 0 0	
Wed 20	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0710	5436	0730	6806	0750	7669	691	6457	60
	0800	14736	0820	13536	0840	12136	751	465	209
	1800	8047^	1820	6802^	1840	5788	463	1618	60
	1830	8192^	1850	7692^	1910	6792	167	923	243
	2200	5361	2220	4461	2240	- - -	340	0 0 0	
Thu 21	0440	4443	0517*	5043	0554*	5843	408	492 /	209 /
	M12a						408	616	239
	0510	5888	0530	6952^	0550	7707^	897	929	31
	0710	5436	0730	6806	0750	7669	691	2457	70
	0730	5284	0750	5784	0810	- - -	277	0 0 0	
	1400	13582	1420	12082	1440	- - -	503	0 0 0	
	1930	4439	1950	4639	2010	- - -	463	0 0 0	

* Time of transmissions offset due to length of message
*** ID 783 Msgs transmitted in MCW

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Fri 22	0700	9138	0720	10538	0740	- - -	138	0 0 0	
	1400	13582	1420	12082	1440	- - -	503	0 0 0	
Sat 23	0910	14573	0930	15973	0950	- - -	592	0 0 0	
	1300	12217	1320	11117	1340	- - -	214	0 0 0	
Sun 24	0930	13369	0950	14669	1010	- - -	369	0 0 0	
	1830	8192	1850	7692	1910	6792	167	923	243
Mon 25	0530	4457	0550	5157	0610	- - -	417	0 0 0	
	0600	4768**	0620	5868**	0640	- - -	783	0 0 0	
	0800	14736	0820	13536	0840	- - -	751	0 0 0	
	1300	12217	1320	11117	1340	- - -	214	0 0 0	
	1800	8047^	1820	6802	1840	5788	463	5362	80
	2000	9176^	2020	7931^	2040	6904	257	4916	90
Tue 26	0440	4443	0517*	5043	0554*	5843	408	145 /	279 /
	M12a						408	492	209
	0510	5888	0530	6952	0550	- - -	897	0 0 0	
	1300	13372	1320	11472	1340	- - -	344	0 0 0	
	1700	8047^	1720	6802	1740	5788	463	8347	80
	1930	4439	1950	4639	2010	- - -	463	0 0 0	
	2200	5938	2220	4938	2240	4038	138	450	153
Wed 27	0500	4638	0520	5738	0540	- - -	678	0 0 0	
	0710	5436	0730	6806	0750	7669	691	4394	80
	0800	14736	0820	13536	0840	12136	751	737	69
	1800	8047^	1820	6802^	1840	5788	463	8553	50
	1830	8192	1850	7692^	1910	6792	167	923	243
	2200	5361	2220	4461	2240	- - -	340	0 0 0	
Thu 28	0710	5436	0730	6806	0750	7669	691	3307	50
	0730	5284	0750	5784	0810	- - -	277	0 0 0	
	1400	13582^	1420	12082	1440	10382	503	675	67
	1930	4439	1950	4639	2010	- - -	463	0 0 0	

Thanks to Jan Oppedijk for finding the ID 592 Sat sched
& to Richard for finding the ID 344 Tue sched

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Mon 1	0500	5291	0520	6891			
	0600	5479**	0620	6879**	7491	284	91
	0800	17427	0820	15827	8079**	480	72
	1800	8047^	1820	6802	14527	485	107
	2000	9176^	2020	7931	5788	463	70
					6904	257	80
Tue 2	0440	5872	0500	6772			
	0510	6964	0530	7882	7672	876	223
	1700	8047	1720	6802	---	983	
	1930	5816	1950	5216	5788	463	60
					---	825	
Wed 3	0500	5291	0520	6891			
	0800	17427	0820	15827	7491	284	91
	1800	8047^	1820	6802	14527	485	107
	1830	10476^	1850	9276^	5788	463	80
	2200	5429	2220	4629	8176	421	161
					---	460	
Thu 4	0440	5872^	0500	6772^			
	0510	6964	0530	7882	7672^	876	223
	0710	5436	0730	6806	---	983	
	1930	5816	1950	5216	7669	691	80
					---	825	
Fri 5	0700	9338	0720	10638			
	1500	14893	1520	13593	---	238	
					---	851	
Sat 6	0910	14973	0930	16273			
					---	925	
Sun 7	1830	10476^	1850	9276^			
					8176^	421	161

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Mon 8	0500	5291	0520	6891			
	0600	5479**	0620	6879**	---	284	
	0800	17427	0820	15827	8079**	480	72
	1800	8047^	1820	6802	---	485	
	1900	9176^	1920	7931^	5788	463	55
	2000	9176^	2020	7931	6904	257	36
					6904	257	50
Tue 9	0440	5872	0500	6772			
	0510	6964	0530	7882	7672	876	161
	1700	8047	1720	6802	---	983	
	1930	5816	1950	5216	5788	463	70
	2200	5938	2220	4938	---	825	
					4038	238	133
Wed 10	0500	5291	0520	6891			
	0710	5436^	0730	6806^	---	284	
	0800	17427	0820	15827	7669	691	109
	1800	8047^	1820	6802	---	485	
	1830	10476^	1850	9276^	5788	463	70
	2200	5429	2220	4629	8176	421	133
					---	460	
Thu 11	0440	5872^	0500	6772^			
	M12a				7672^	876	127 / 161
	0510	6964	0530	7882	---	983	
	0710	5436	0730	6806	---	691	109
	1500	14893	1520	13593	12193	851	83
	1930	5816	1950	5216	---	825	
Fri 12	0700	9338	0720	10638			
	1500	14893	1520	13593	12138	238	133
					12193	851	83
Sat 13	0910	14973	0930	16273			
					---	925	
Sun 14	1830	10476	1850	9276			
					8176	421	133

* Time of transmissions offset due to length of message

** ID 480 Msgs transmitted in MCW

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Mon 15	0500	5291	0520	6891	0540	---	284	0 0 0	
	0600	5479**	0620	6879**	0640	---	480	0 0 0	
	0800	17427	0820	15827	0840	14527	485	926	195
	1800	8047^	1820	6802	1840	5788	463	6074	70
	1900	9176	1920	7931^	1940	6904	257	369	98
	2000	9176	2020	7931^	2040	6904	257	7553	70
Tue 16	0440	5872^	0509*	6772^	0536*	7672	876	391 /	173 /
	M12a						876	683	127
	0510	6964^	0530	7882^	0550	---	983	0 0 0	
	1700	8047	1720	6802	1740	5788	463	4733	60
	1930	5816	1950	5216	2010	---	825	0 0 0	
	2200	5938	2220	4938	2240	---	238	0 0 0	
Wed 17	0500	5291	0520	6891	0540	---	284	0 0 0	
	0710	5436	0730	6806	0750	7669	691	4712	70
	0800	17427	0820	15827	0840	14527	485	926	195
	1800	8047^	1820	6802	1840	5788	463	913	125
	1830	10476	1850	9276	1910	8176	421	538	107
	2200	5429	2220	4629	2240	---	460	0 0 0	
Thu 18	0440	5872	0500	6772	0520	7672	876	391	173
	0510	6964	0530	7882	0550	---	983	0 0 0	
	0710	5436^	0730	6806^	0750	7669	691	1472	70
	1500	14893	1520	13593	1540	---	851	0 0 0	
	1930	5816	1950	5216	2010	---	825	0 0 0	
Fri 19	0700	9338	0720	10638	0740	---	238	0 0 0	
	1500	14893	1520	13593	1540	---	851	0 0 0	
Sat 20	0910	14973	0930	16273	0950	19573	925	345	67
Sun 21	1830	10476	1850	9276	1910	8176	421	538	107

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

^ Weak reception

NH Not Heard

NF Not Found

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Mon 22	0500	5291	0520	6891	0540	7491	284	632	107
	0600	5479**	0620	6879**	0640	---	480	0 0 0	
	1800	8047	1820	6802	1840	5788	463	9315	89
	1900	9176^	1920	7931	1940	6904	257	3795	69
	2000	9176^	2020	7931	2040	6904	257	6604	88
Tue 23	0440	5872	0500	6772	0520	7672	876	462	219
	0510	6964	0530	7882	0550	9324	983	634	58
	1700	8047	1720	6802	1740	5788	463	6114	70
	1930	5816	1950	5216	2010	4516	825	390	129
	2200	5938	2220	4938	2240	4038	238	723	169
Wed 24	0500	5291	0520	6891	0540	7491	284	632	107
	1800	8047^	1820	6802	1840	5788	463	4641	70
	1830	10476^	1850	9276^	1910	8176	421	198	83
	2200	5429	2220	4629	2240	---	460	0 0 0	
Thu 25	0440	5872	0500	6772	0520	7672	876	726	235
	0510	6964	0530	7882	0550	9324	983	634	58
	1500	14893	1520	13593	1540	12193	851	733	43
	1930	5816	1950	5216	2010	4516	825	390	129
	2110	7983	2130	6783	2150	---	977	0 0 0	
Fri 26	0700	9338	0720	10638	0740	12138	238	723	169
	1500	14893	1520	13593	1540	12193	851	733	43
Sat 27	0910	14973	0930	16273	0950	---	925	0 0 0	
Sun 28	1830	10476	1850	9276	1910	8176	421	198	83

* Time of transmissions offset due to length of message

** ID 480 Msgs transmitted in MCW

E07 Regular Schedules

Monday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1900					14812	15824	14812	14378	12108	10243		
1920					13412	14624	13412	13458	10708	9243		
1940					11512	13524	11512	10958	9208	7943		
2000	6982	7724	9273								7724	7478
2020	5882	6924	7873								6924	6778
2040	5182	5824	6873								5824	5278

Tuesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
0700				6941	7978	8127	8127	6941	6893	5782		
0720				8041	9178	9327	9327	8041	7493	6892		
0740				9241	9978	10127	10127	9241	8193	7582		
0800	5416	5867	6893								5867	5234
0820	5816	6767	7493								6767	5734
0840	6916	7367	8193								7367	6834

Wednesday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1700				12123	13388	13468	13468	13388	12223	11454		
1720				10703	12088	12141	11454	12088	11062	9423		
1740				8123	10118	10436	10126	10504	10116	8123		
1800	6774	7697	9923								8183	6982
1820	5836	6863	9068								6982	5836
1840	4893	5938	7697								5938	4938
1900					14812	15824	14812	14378	12108	10243		
1920					13412	14624	13412	13458	10708	9243		
1940					11512	13524	11512	10958	9208	7943		
2000	6982	7724	9273								7724	7478
2020	5882	6924	7873								6924	6778
2040	5182	5824	6873								5824	5278
2000				8173	8173	8173	8173	8173	8173	5864		
2020				7473	7473	7473	7473	7473	7473	5164		
2040				5773	5773	5773	5773	5773	5773	4564		
2100	5864	5864	5864								5864	5864
2120	5164	5164	5164								5164	5164
2140	4564	4564	4564								4564	4564

Thursday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
0430				7437	7437	7437	7437	7437	7437	5146		
0450				8137	8137	8137	8137	8137	8137	5846		
0510				9137	9137	9137	9137	9137	9137	6846		
0530	5146	5146	5146								5146	5146
0550	5846	5846	5846								5846	5846
0610	6846	6846	6846								6846	6846
0700				6941	7978	8127	8127	6941	6893	5782		
0720				8041	9178	9327	9327	8041	7493	6892		
0740				9241	9978	10127	10127	9241	8193	7582		
0800	5416	5867	6893								5867	5234
0820	5816	6767	7493								6767	5734
0840	6916	7367	8193								7367	6834
2010				9387	11539	12213	11539	10753	9387	7516		
2030				7526	10547	10714	10547	9147	7526	5836		
2050				5884	93**	9347	93**	7637	5884	4497		
2110	6777	6777	7516								6777	6777
2130	5449	5449	5836								5449	5449
2150	4483	4483	4497								4483	4483

Sunday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1700				12123	13388	13468	13468	13388	12223	11454		
1720				10703	12088	12141	11454	12088	11062	9423		
1740				8123	10118	10436	10126	10118	10116	8123		
1800	6774	7697	9923								8183	6982
1820	5836	6863	9068								6982	5836
1840	4893	5938	7697								5938	4938

The hundredths digit in each frequency trio gives the ID
i.e. 6774 5836 4893 = 788

Family 1A

History and March predictions

Station		2009	2010	2010	2010	ID	ID	ID	ID	
Day	time (utc)	December	January	February	March	Dec	Jan	Feb	Mar	week
G06 mon	18.00	4589	4458		5412	734	892	892	892	1 / 2
S06 mon	19.00/05	3189/3672	3192/3838	3192/3838	/5127	407	349	349	349	every
S06 mon	21.15	6835	6920	6965	7680	632	121	684	492	2 & 4
S06 mon	22.15	5185	5175	5320	5395	632	121	684	492	2 & 4
M14 tues	07.00	5785	5785			178	178	178		2
E06 tues	13.00									1 & 3
E06 tues	14.00									1 & 3
S06 tues	18.00	3645	NH	3645		617		617	617	1 & 2
M14 tues	18.20	4636	4636			186	186	186		2 & 4
E06 tues	20.00	6805	6780	NH		652	826	190		2 & 4
E06 tues	21.00	5175	5420	NH		652	826	190		2 & 4
M14 wed	07.00	4638	4638		5143	761	761	761	761	1 & 3
S06 wed	18.00/05	3540/3160	3540/3160	3540/3163	5735/5070	471	471	471	471	every
M14 wed	19.20	4761	4761			748	748	748		2 & 4
S06 wed	19.30/05					274	405	405	405	Sat R
S06 wed	20.00/05					969	864	864	864	Sat R
G06 thur	18.30	4519	4519			271	271	271		2 & 4
S06 thur	19.00/05	3189/3672	3192/3838	3192/3838	/5127	407	349	349	349	every
M14 thur	20.00	3162	3162			761	761	761	761	2 & 4
E06 thur	20.30	4836	4836	4836	5186	321	321	321	891	1 & 3
E06 thur	21.00	5125	4030	5115	5210	922	773	903	196	4th
E06 thur	22.00	4045	5080	4490	4515	922	773	903	196	4th
G06 fri	19.30	4792	4792			436	436	436		2 & 4
M14 fri	20.00	3825	3825	4830		724	724	724	724	1 & 3
M14 fri	21.00	4470	4470	4470		724	724	724	724	1 & 3
E06 fri	21.30	4760	4760	4760	5197	472	472	472	634	1 & 3
E06 sat	01.30	5796	5783	5846		759	759	759	759	every
E06 sat	02.30	4516	4489	4817		759	759	759	759	every
S06 sat	16.00/05	4613/5783	6803/5787	6803/5787	7833	969	864	864	864	every
S06 sat	19.30/35	3252/3812	3192/3733	3192/3733	5428	274	405	405	405	every
G06 sat	20.30/35	4861	4853		8023	809	364	364	364	1 & 3
updated										
3rd March										

NH = Not heard

R = Repeat if there is a message on Saturday

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...	Mar kHz, ID, ...	Apr kHz, ID, ...	General Remarks
			x				1830	2/4	G06	01A	4519 271	4519 271	5935 579	5935 579	since 05/01 last log 12/09
				x			1930	2/4	G06	01A	4792 436	4792 436	5442 947	5442 947	since 04/01, rpt of Thu 1830Z last log 12/09

Mon	Tue	Wed	Thu	Fri	Sat	S UTC	wk	Stn	Fam	Jan kHz, ID, ...	Feb kHz, ID, ...	Mar kHz, ID, ...	Apr kHz, ID, ...	General Remarks
	x					0535		E11	03	5409 633/00	5409 633/00	6804 633/00, search	6804 633/00, search	since 07/09 last log 12/09
	x		x			0605		E11	03	4909 517/00	4909 517/00	6397 517/00, search	6397 517/00, search	since 07/09 last log 02/10
x			x			0755		E11	03	5358 438/00	5358 438/00	6524 438/00, search	6524 438/00, search	since 10/09 last log 01/10
x		x				0850		E11	03	8423 534/00	8423 534/00	9049 534/00, search	9049 534/00 search	since 10/09 last log 02/10
		x			x	0950		S11A	03	6433 221/00	6433 221/00	221/00, search	221/00 search	since 11/09 last log 02/10

Day	time (utc)	jan feb nov dec	mar apr sep oct	may jun jul aug	ID	
mon	12.00	8420	9145	10230	831	One hour later Nov to March
mon	12.10	10635	11460	12165	831	
mon	16.00	7436	8040	9256	176	
mon	16.10	6668	6830	7889	176	
tue	06.00		14080	16735	438	One hour earlier May to October
tue	06.10		12355	15230	438	
tue	07.00	5250	5760	5430	374	
tue	07.15	6320	6930	6780	374	
tue	08.00	5810	7320	7245	418	
tue	08.10	7440	9840	9670	418	
tue	08.00	10265	11635	14373	352	
tue	08.10	9135	10420	12935	352	
tue	12.30	5810	4 mhz?	7650	278	
tue	12.40	6770	5805		278	
tue	15.00	5070	6464	6666	537	
tue	15.10	6337	7242	7744	537	
wed	05.30	9435	10835	11435	153	
wed	05.40	11075	12170	12650	153	
wed	08.20	6880	7605	6755	471	
wed	08.30	7840	9255	5835	471	
wed	08.30	7335	7335/ xxxxx	7335 / 8760	745	One hour earlier May to October
wed	08.40	11830	11830 / 9640	11830 / 9640	745	
wed	08.40	9260	9480	10120	328	
wed	08.50	11415	11040	9670	328	
wed	10.00	12365	13365	14580	729	
wed	10.10	14280	14505	16020	729	
wed	12.00	7030	7120	7765	481	
wed	12.10	6305	6415	6815	481	
wed	12.30	4580	7620	7545	967	
wed	12.40	6420	8105	8220	967	
wed	19.00	8530	9220	10170	371	
wed	19.10	7520	8270	9110	371	
thu E17z	08.00	11170	14260	16780	674	
thu E17z	08.10	9820	12930	12850	674	
thu	09.00	9750	10950	12110	167	
thu	09.10	10580	12310	13790	167	
thu	10.00	8535	9225	10175	895	One hour earlier April to Sept
thu	10.10	10480	11515	12215	895	
thu	12.00	10580	12560	10410 / 10380	425	
thu	12.10	9950	13065	9690 / 11480	425	
thu	12.30	7865	8650	9255	314	
thu	12.40	5310	7385	7630	314	
thu	14.00	5320			624	
thu	14.10	4845			624	
fri	06.00	5460	6340	8340	934	
fri	06.10	?	5470	5810	934	
fri	07.00	7150	7795	7845	196	
fri	07.10	8215	8695	9125	196	
fri	09.30	11780	12140	10290	516	
fri	09.40	12570	13515	9655	516	
sat	10.00	6440	6410		893	
sat	10.10	5660	7340		893	

Current Cuban Skeds Heard From 0000-0700 UTC
This covers 1900-0200 local EDT in the USA
(January-February 2010)

SUN	0000	0100	0200	0300	0400	0500	0600	0700
								5883(P)
								6933()
						5810(P)	5810(S)	

MON	0000	0100	0200	0300	0400	0500	0600	0700
				4174(P)	4035(S)	12120(SK)	11435(SK)	5883(P)
				6855(P)	6768(S)	13380(SK)	11532(SK)	
						5898(P)	5800(S)	

TUE	0000	0100	0200	0300	0400	0500	0600	0700
						12120(SK)		5883(P)
						13380(SK)	5810(SK)0630	
						5898(P)	5800(S)	

WED	0000	0100	0200	0300	0400	0500	0600	0700
						12120(SK)	11435(SK)	5810(SK)
						13380(SK)	11532(SK)	
							5810(SK)0630	
						5810(P)	5810(S)	9153(P)

THUR	0000	0100	0200	0300	0400	0500	0600	0700
						12120(SK)		5883(P)
						13380(SK)		6933()
					10445(?)			
				10445(P)	11565(S)	5898(P)	5800(S)	

FRI	0000	0100	0200	0300	0400	0500	0600	0700
		4028(P)	5417(S)			12120(SK)	11435(SK)	5883(P)
						13380(SK)	11532(SK)	
						5810(P)	5810(S)	9153(P)

SAT	0000	0100	0200	0300	0400	0500	0600	0700
		4028(P)	5135(S)				11435(SK)	5883(P)
							11532(SK)	
						5898(P)	5800(S)	

Current Cuban Skeds Heard From 0800-1500 UTC
This covers 0300-1000 local EDT in the USA
(January-February 2010)

SUN	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)							
		10432(P)	9112(S)					

MON	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)							
	8186(SK)	9063(SK)						
						12116(P)	12134(S)	
		10432(P)	9112(S)			8096(P)	8096(S)	

TUE	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)		8186(SK)					
	8180(SK)	8180(SK)	7890(SK)					
		5947(SK)0900						
		5930(SK)0930						
						12214(P)	13374(S)	

WED	0800	0900	1000	1100	1200	1300	1400	1500
		9040(P)	9240(S)					
	8186(SK)	9063(SK)	8186(SK)					
			7890(SK)					
						10714(P)	10857(S)	
	9063(S)					8096(P)	8096(S)	

THUR	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)		8186(SK)					
	8180(SK)	8180(SK)	7890(SK)					
		5947(SK)0900						
		5930(SK)0930						
						12116(P)	12134(S)	

FRI	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)							
						12214(P)	13374(S)	
	9063(S)	10432(P)	9112(S)			8096(P)	8096(S)	

SAT	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)	9040(P)	9240(S)					
	8186(SK)	9063(SK)						
		5947(SK)0900						
		5930(SK)0930						
			3025(P)	4478(S)				

Current Cuban Skeds Heard From 1600-2300 UTC
This covers 1100-1800 local EDT in the USA
(January-February 2010)

SUN	1600	1700	1800	1900	2000	2100	2200	2300
	<i>10715(SK)</i>	<i>10858(SK)</i>			7887(P)	6855(S)		
			8097(P)	8097(S)		7974(P)	7481(S)	

MON	1600	1700	1800	1900	2000	2100	2200	2300
	<i>10715(SK)</i>	<i>10858(SK)</i>			7887(P)	6855(S)		
	<i>16178(SK)</i>							
				6786(P)	7554(S)		7519(P)	8009(S)
			8097(P)	8097(S)		7974(P)	7481(S)	

TUE	1600	1700	1800	1900	2000	2100	2200	2300
	<i>10715(SK)</i>	<i>10858(SK)</i>			7887(P)	6855(S)		
	<i>16178(SK)</i>			<i>12180(P)</i>	<i>13379(S)</i>			
				6786(P)	7554(S)		7526(P)	8135(S)
			8097(P)	8097(S)		7974(P)	7481(S)	

WED	1600	1700	1800	1900	2000	2100	2200	2300
	<i>10715(SK)</i>	<i>10858(SK)</i>			7887(P)	6855(S)		
	<i>16178(SK)</i>							
				6786(P)	7554(S)		7519(P)	8009(S)
			8097(P)	8097(S)		6932(P)	6854(S)	

THUR	1600	1700	1800	1900	2000	2100	2200	2300
	<i>10715(SK)</i>	<i>10858(SK)</i>			7887(P)	6855(S)		
	<i>16178(SK)</i>			<i>12180(P)</i>	<i>13379(S)</i>			
				6786(P)	7554(S)		8009(P)	8135(S)
			8097(P)	8097(S)		6932(P)	6854(S)	

FRI	1600	1700	1800	1900	2000	2100	2200	2300
	<i>10715(SK)</i>	<i>10858(SK)</i>			7887(P)	6855(S)		
	<i>16178(SK)</i>							
				6786(P)	7554(S)		7519(P)	8135(S)
			8097(P)	8097(S)		7974(P)	7481(S)	

SAT	1600	1700	1800	1900	2000	2100	2200	2300
	<i>10715(SK)</i>	<i>10858(SK)</i>			7887(P)	6855(S)		
			8097(P)	8097(S)		7974(P)	7481(S)	

Notes:

Skeds in MCW mode indicated in shaded cell.

V2a skeds are indicated in italic fonts.

M8a skeds are indicated in normal fonts.

The primary or first sked is indicated with (P).

The secondary, second or repeat sked is indicated with (S).

All skeds normally begin on the hour.

Frequencies listed as (), denote primary or secondary sked not determined.

Frequencies listed without (), denotes a possible sked.

SK01 notes:

At present SK01 seems to be using exclusively RDFT mode.

The second of two skeds listed at 0500z, 0600z and 1600z, are coming up on the half hour. SK01 has also been coming up after some M8/V2 skeds are completed.

--Updated March 5 2010--

Cuban Desk Contributors:

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XPA Polytones
January 2010

XPA [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 0700z: 9356kHz 2. 0720z: 10956kHz 3. 0740z: 12156kHz
ID391 Mode: USB [Tue/Fri]

ID/msg/serial no/gc/dk/end grp

01Fri	391 1 00467 00143 51872 30172	3m53s
05Tue	391 1 00467 00143 51872 30172	3m53s
07Thu		
08Fri	391 000 02894 00001 00000 10140	2m26s
12Tue	391 1 01338 00299 46005 01642	5m29s
14Thu		
15Fri	391 1 01338 00299 46005 01642	5m29s
19Tue	391 1 00915 00333 59347 74702	5m51s
21Thu		
22Fri	391 1 00915 00333 59347 74702	5m51s
26Tue	391 1 00526 00349 83392 26366	6m00s
28Thu		
29Fri	391 2 00469 00181 08239 52731 00000 00000 00526 00349 83392 26399	7m56s

Morning 0600z Schedule

Good signals on this schedule from initial sending to the last. Whilst strong there was some local interference reported by the correspondents for the XPA stations.

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

[Schedule A]

1. 1900z: 7891kHz 2. 1920z: 6791kHz 3. 1940z: 5391kHz
ID873 Mode: USB [Tue/Thu]

ID/msg/serial no/gc/dk/end grp

	873 000 01143 00001 00000 10140	2m26s
	873 000 01143 00001 00000 10140	2m26s
	873 1 00458 00199 09112 01534	4m28s.
	873 1 00458 00199 09112 01534	4m28s.
	873 1 00773 00211 54921 46350	4m36s
	873 1 00773 00211 54921 46350	4m36s
	873 000 02945 00001 00000 10140	2m26s
	873 000 01843 00001 00000 10140	2m26s

Schedule A : 1900z schedule

The signals received across the schedule have been adequate, 1900 and 1920z offerings being usually Fair and the 1940z weak. Some QSB was experienced as well as local interference.

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

1. 1400z: 5867kHz 2. 1420z: 5467kHz 3. 1440z: 4567kHz
ID845 Mode: USB [Sun/Tue]

ID/msg/serial no/gc/dk/end grp

03Sun	NRH	
05Tue	845 000 07517 00001 00000 10140	2m26s
10Sun	NRH	
12Tue	845 1 00813 00107 16122 - - - - -	
17Sun	NRH	
19Tue	845 000 07517 00001 00000 10140	2m26s
24Sun	NRH	
26Tue	845 1 00811 00159 50452 76420	4m04s
31Sun	NRH	

Afternoon 1400z Schedule

Some fair sigs with this schedule although FAXQRM was experienced at 1400z. Weak signals were also encountered but were perfectly readable and resilient with a variety of QRM experienced by the reporting correspondents and occasional PLTQRM at PLdn's QTH affecting the 1400z.

January 2010

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

1. 2100z: 5424kHz 2. 2120z: 4968kHz 3. 2040z: 4473kHz
ID494 Mode: USB [Tue/Fri]

	ID/msg/serial	no/gc/dk/end	grp
01Fri	494 1 00456 00081	85960 60541	3m31s
05Tue	494 000 09356 00001	00000 10140	2m26s
08Fri	494 000 01519 00001	00000 10140	2m26s
12Tue	494 000 01519 00001	00000 10140	2m26s
15Fri	494 000 01519 00001	00000 10140	2m26s
19Tue	494 000 01519 00001	00000 10140	2m26s
22Fri	494 000 02947 00001	00000 10140	2m26s
26Tue	494 000 08759 00001	00000 10140	2m26s
29Fri	494 000 08759 00001	00000 10140	2m26s

2000z Schedule

The use of USB and 10bd continues with the January schedule. Excellent, strong signals throughout the month, no QRM, no QSB reported.

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

1. 0500z: 5172kHz 2. 0520z: 5872kHz 3. 0540z: 7472kHz
ID184 Mode: USB [Wed/Fri]

	ID/msg/serial	no/gc/dk/end	grp
01Fri			
06Wed			
08Fri			
13Wed			
15Fri	184 1 00784 00093	23024 76265	3m22s
20Wed	184 1 01314 00139	33815 10202	3m52s
22Fri	184 1 01314 00139	33815 10202	3m52s
27Wed	184 000 03624 00001	00000 10140	2m26s
29Fri	184 000 02612 00001	00000 10140	2m26s

0500z Schedule

This schedule was reported by Hans in Norway on Wednesday 13th Jan for 0500 and 0540z. A daily check was immediately started to ascertain the schedule and on Friday, 15th Jan the 0520z was received by PLdh.
Good signals throughout with slight BCQRM from an American US station best heard on 5873kHz at 0520z.
In discussion it is thought this is the replacement for the 1900 Schedule B sendings lost May/June 2008.

February 2010

XPA [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 0700z: 10327kHz 2. 0720z: 11627kHz 3. 0740z: 13427kHz
ID364 Mode: USB [Tue/Fri]

ID/msg/serial no/gc/dk/end grp

02Tue	364 1 00469 00181 08239 52731	4m16s
04Thu		
05Fri	364 1 01181 00179 56419 25772	4m15s
09Tue	364 2 00123 00083 74475 51711 00000 00000 0118100179 56419 25772	5m10s
11 Thu		
12Fri	364 1 00123 00083 74475 51711	3m16s
16Tue	364 000 02765 00001 00000 10140	2m26s
18Thu		
19Fri	364 1 00931 00215 57401 50726	4m37s
23Tue	364 1 00931 00215 57401 50726	4m37s
25Thu		
26Fri	364 1 00994 00323 29177 41046	5m45s

Morning 0600z Schedule

Excellent strengths across the schedule from initial transmission to the last.
One two message format suggests slight problem with recipient.

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

[Schedule A]

1. 1900z: 8123Hz 2. 1920z: 7523kHz 3. 1940z: 6823kHz
ID158 Mode: USB [Tue/Thu]

ID/msg/serial no/gc/dk/end grp

158 1 00347 00153 12734 56467	3m58s
158 1 00347 00153 12734 56467	3m58s
158 000 01843 00001 00000 10140	2m26s
158 000 04743 00001 00000 10140	2m26s
158 1 03815 00229 13811 56574	4m45s
158 1 03815 00229 13811 56574	4m45s
158 1 00327 00175 79795 47220	4m11s
158 1 00327 00175 79795 47220	4m11s

Schedule A : 1900z sched

Majority of sendings were of fair strength for the 1900z slot, the 1920z suffering BCQRM2 whilst the 1940z varied from Fair to strong.

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

1. 1400z: 5767kHz 2. 1420z: 5267kHz 3. 1440z: 4467kHz
ID724 Mode: USB [Tue]

ID/msg/serial no/gc/dk/end grp

02Tue	724 000 07157 00001 00000 10140	2m26s
07Sun	NRH	
09Tue	724 000 07157 00001 00000 10140	2m26s
14Sun	NRH	
16Tue	MISSED	
21Sun	NRH	
23Tue	MISSED	
28Sun	NRH	

Afternoon 1400z Schedule

Transmissions across this schedule were mainly fair to weak with just two null messages intercepted because yours truly forgot to set up for auto-intercept. Too weak for intercept from work.

February 2010

XPA [MFSK-20 Russian Intelligence Multitone System] 10 bd

1. 2100z: 5891kHz 2. 2120z: 5268kHz 3. 2040z: 4572kHz

ID825 Mode: USB [Tue/Fri]

ID/msg/serial no/gc/dk/end grp

02Tue	825 1 00621 00105 88055 05723	3m28s
05Fri	825 1 00621 00105 88055 05723	3m28s
09Tue	825 1 00182 00039 06647 31775	2m45s
12Fri	825 1 00182 00039 06647 31775	2m45s
16Tue	825 1 00648 00127 27413 5511	3m45s
19Fri	825 1 00648 00127 27413 5511	3m45s
23Tue	825 000 08429 00001 000001 10140	2m26s
26Fri	825 1 00865 00251 63038 42061	4m49s

2100z Evening schedule

Excellent, strong signals from start of this schedule to the end.

Some change of freq seen with the 2140z slot – from 4473kHz to 4572kHz

Thanks to all those who contributed to this column and for those of you who searched for missing freqs:
BRogers, DoK, HANS, Kroger, MalcF, PeterM, RNGB, SimonGGG, SL[US] and westli[US]