

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 no 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:

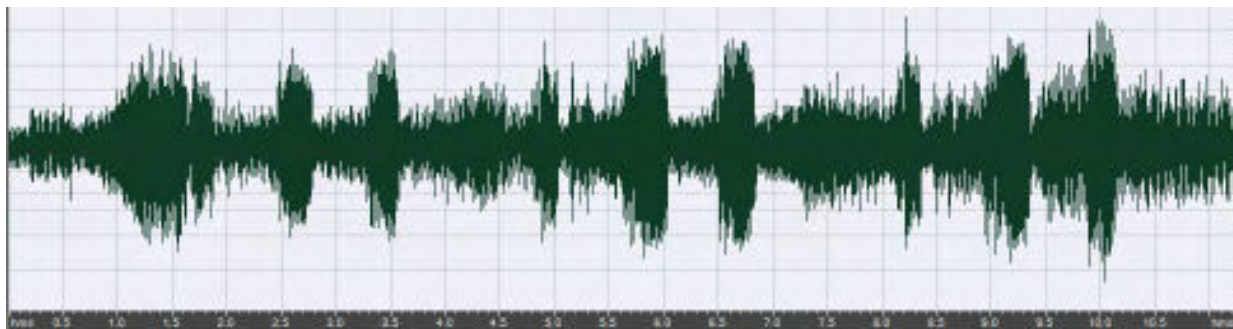
January 2010:

| | | | | |
|---------------|--|----------|-------------|-----|
| 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] 0241z Strong | (10m47s) | PLdn | SAT |
|---------------|--|----------|------|-----|

| | | | | |
|---------------|---|----------|----------------|-----|
| 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 vly weak audio/inaudible | (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 | | 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 |
|----------------|------------------------|------|-----|

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:

| | | | | |
|---------|-------|--|-------------------|-----|
| 444kHz | 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] | AF | THU |
| | | 11/02 [ID 314 826 5 32414 25531 37447 81466 54284 826 5 00000] 1235z Strong | HANS | 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 |
|---------|-------|---|------|-----|

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 |

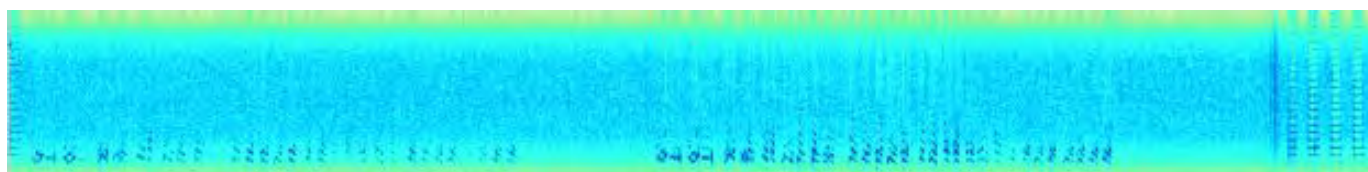
Explanation of the Cyrillic script can be had from : http://en.wiktionary.org/wiki/Appendix:Russian_phonetic_alphabet

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 |
|---------|-------|-------|-----|--|-------|-----|

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 |
|---------|-------|---|------|-----|

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/AlIRXed.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!

MI6 SIS

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

ADMINISTRATION MI6
THERE'S A WORLD OF DIFFERENCE

London | 019-621-621-715 | SIS is a unique organisation, more commonly known as MI6, we exist to collect secret foreign intelligence that helps keep the UK safe, secure and prosperous. It's essential that our headquarters in London is well organised and efficient. Join our talented team of Administrators and that will be your job. You'll use your data inputting, filing, and diary management skills (teaching others!) to make sure our office information is kept up-to-date and accurate. The atmosphere is friendly and welcoming, the rewards are outstanding and our commitment to training is second-to-none. For more information visit www.mi6worldofdifference.co.uk. Closing date for applications is 30th April 2013. Please note: we only accept applications from British citizens. You should not discuss your application with anyone.

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 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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|---|----|----|----|----|----|----|----|--|--|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|--|----|----|----|----|----|----|----|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|----|----|----|----|----|----|----|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|----|--|----|----|----|----|----|----|----|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|
| <div>January</div> <table><tr><td>Su</td><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr><tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | Su | Mo | Tu | We | Th | Fr | Sa | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | <div>February</div> <table><tr><td>Su</td><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr><tr><td>28</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | Su | Mo | Tu | We | Th | Fr | Sa | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | | | | | <div>March</div> <table><tr><td>Su</td><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr><tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr></table> | Su | Mo | Tu | We | Th | Fr | Sa | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | <div>April</div> <table><tr><td>Su</td><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr></table> | Su | Mo | Tu | We | Th | Fr | Sa | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 29 | 30 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>May</div> <table><tr><td>Su</td><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td></tr><tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr><tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr><tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr><tr><td>30</td><td>31</td><td></td><td></td><td></td><td></td><td></td></tr></table> | Su | Mo | Tu | We | Th | Fr | Sa | | | | | | 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | <div>June</div> <table><tr><td>Su</td><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td></td></tr><tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr><tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr><tr><td>27</td><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td></tr></table> | Su | Mo | Tu | We | Th | Fr | Sa | | 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | | <div>July</div> <table><tr><td>Su</td><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr><tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> | Su | Mo | Tu | We | Th | Fr | Sa | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | <div>August</div> <table><tr><td>Su</td><td>Mo</td><td>Tu</td><td>We</td><td>Th</td><td>Fr</td><td>Sa</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr><tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr><tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr><tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr><tr><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr></table> | Su | Mo | Tu | We | Th | Fr | Sa | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 28 | 29 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Su | Mo | Tu | We | Th | Fr | Sa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 30 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Unexplained Interference issues?

Visit: <http://www.ukqrm.org>

Chart Section Index

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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 |
| 18 | thu | 07.55 | E11 | Oblique | 6524 |
| 18 | thu | 08.00 / 10 | E17z | English lady 00000 | 14260 12930 |
| 18 | thu | 09.10 | M03 | Family III CW | 9150 |
| 18 | thu | 09.35 | G11 | Strich | 8091 |
| 18 | thu | 18.02 | M45 | CW sister of S21 | 4555 4955 |
| 18 | thu | 18.30 | G06 | German lady 00000 | 5935 |
| 18 | thu | 18.42 | S21 | Russian lady | 4454 and 4854 |
| 18 | thu | 20.30 | E06 | English man 00000 | 5186 |
| 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 |
| 24 | wed | 15.50 | E11 | Oblique | 13908 |
| 24 | wed | 17.30 | M24 | Ends 0 0 0 0 0 | 4496 |
| 24 | wed | 18.00 / 20 / 40 | E07 | English man 000 000 | 9923 9068 7697 |
| 24 | wed | 21.00 / 20 / 40 | E07 | English man 000 000 | 7874 6968 5253 |
| 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 |
| 25 | thu | 07.55 | E11 | Oblique | 6524 |
| 25 | thu | 08.00 / 10 | E17z | English lady 00000 | 14260 12930 |
| 25 | thu | 09.10 | M03 | Family III CW | 9150 |
| 25 | thu | 09.35 | G11 | Strich | 8091 |
| 25 | thu | 18.02 | M45 | CW sister of S21 | 4555 4955 |
| 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 | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| Sat 6 | 0910 | 14973 | 0930 | 16273 | | | |
| | | | | | --- | 925 | |
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| | | | | | | | |
| Sun 7 | 1830 | 10476^ | 1850 | 9276^ | | | |
| | | | | | 8176^ | 421 | 161 |
| | | | | | | | |
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| | | | | | | | |

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 |
| | | | | | | | |
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| | | | | | | | |
| Sat 13 | 0910 | 14973 | 0930 | 16273 | | | |
| | | | | | --- | 925 | |
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| | | | | | | | |
| Sun 14 | 1830 | 10476 | 1850 | 9276 | | | |
| | | | | | 8176 | 421 | 133 |
| | | | | | | | |
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* 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 | Su | 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 | Sun 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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MS (Michigan, USA)

WesttIus (Florida, USA)

Movie8071(Toronto,CA)

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 [TueFri]

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, MaicF, PeterM, RNGB, SimonGGG, SL[US] and westli[US]