

ENIGMA 2000 NEWSLETTER



Russian built R142 and R142a set up in a field and
manned by NVA.

HF / VHF Tactical Comms. Working Air <> Ground, and NVIS etc. circa 1985

Issue 39
March 2007

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

Welcome all to Issue 39

We'll cut short the usual intro this time, there's just so much to get through, it's quite a remarkable issue following on from the excitement of the last one.

Enjoy.

Paul & Mike L

Errata :- Brian of Crawley, second M12 Chart in Issue 38, page 8, should be headed "Dec 06"

Note that we have added a full calendar for 2007 for days to be determined for those with a need to do so. Also included is a BC freq chart for selected areas. The frequencies are those of national stations that have been heard in Europe and whose inclusion may be of use to monitors for propagation and direction and suchlike. Both additions are in the chart area of this NL.

Here We Go Again !

G11 has returned !! after an absence of nearly 10 years, we wonder for how long this time ?

Here's the rundown

On 31st Jan Jochen, E2Kde, made comment of a posting to another list which appeared to be somewhat unusual (the poster "Poacher in Russia" subsequently became a member of E2k)

This posting immediately raised the interest of Manolis Petrakis & Mike L as the original poster was known for a history of accuracy in his loggings, and not prone to making mistakes.

Both Manolis & Mike L immediately and independently added the quoted freq into their "watch lists" and were more than surprised when the required TX turned up the following day, 1st Feb.

It was within 3kHz of the quoted freq and giving a powerful signal into Greece & UK, also later confirmed as an S9++ into Germany by Alpha Vax. Not only a G11 - but one with a message, a special "121" message - a rarity in itself.

A "members update" was posted out to group the same day to give as many monitors as possible an opportunity to try and catch any subsequent TX's, and the full text also posted to aid identification together with the availability of a recording on Manolis blogsite.

Unfortunately up to 28 Feb no further TX's were logged .

Freqs used were 5782 & 5779

It would be more than strange if this was just a "2 day wonder" or even a "test" when judged against the significance of "121" TXs within the III Family of stations.

If as suspected (by RINGB & others) that this is a conversion / addition / extension of an M03 "sked" then it's going to be a very "pot luck" capture, with it's history of unscheduled transmissions.

We possibly have the advantage that if it stays somewhere near the original logged freq it will be in an area that's heavily monitored - and it is a very large signal.

The question has already been asked "did it really go away then", we can only answer that if the hobby in general with all its participants has missed something this powerful for 10 years there's something very wrong !

E27 update

Following the major article in Issue 38, and the wide interest it raised, a number of members have informed us they have/ will be carefully reviewing their "archive" logs to check whether any of their previously flagged "unids" were in fact E27 type transmissions.

(This would in no way invalidate the "discovery" by MC-O, Ed)

PoSW advised us by letter that he possibly heard it on 29 Aug 06 and 14 Sept 06, both on 9061kHz 20.45z, he has not heard anything on that freq since, despite regular monitoring.

PoSW bases his opinion on the very distinctive Ending Sequence.

After not being logged since 22 Dec 06 it was heard again on 10 Jan by BM - our E10 Desk Manager, as a co-incident TX with the 20.45z EZI sked on 6840kHz.

Both stations can be independantly understood in the recording sent to us, E27 is the stronger of the two.

On 15 Jan both Mike L & Alpha Vax caught a further TX on this same sked, however it is interesting that AV reported an S8 signal from Germany while Mike L had a huge S9+20 (peaked +23) in UK .

The E27 carrier, which came up at 20.40z, completely swamped the end of the EZI TX for Mike.

HF Number Stations, going out of fashion? - we don't think so, not quite yet !

The ending of the Cold War, the break-up of the Soviet Block and the, politically so called, Peace Dividend had led us into a period of rapidly reducing participants across the spectrum of Numbers activity, then followed a further slower decline driven in most part by 'the economics' argument,

A quite false assumption, but in 'political spin' terms a very plausible one.

There are many of us on this group who from the outset considered that the overall state of international tension had steadily, and now very visibly, worsened since the Cold War period, at least then the protagonists were fairly clearly defined which is a far cry from the current picture.

All of a sudden it would appear that there are others who share our view.

We can only think that the appearance of E27, the re-appearance of G11 the increase in activity of E03 and E10, or at least a perceived increase, and other unexpected Voice / CW / Digi station activity could well be an indication of a widespread enhancing of preparedness - recruitment of more "agents" who need to be communicated with ? - so when is E05 going to come back then ?

The quick roundup

New designator series.

During January we introduced the **SK** series of IDs to cater for the recently introduced “digital mode” transmissions by the Cubans - after consultation with our Cuban Desk Team none of the existing designators were deemed appropriate. We will develop the structure of this designator series in light of ongoing experiences.

[There is always the possibility that other networks could follow, Ed]

SK01 is assigned, effective from 20 Jan 07, covering the BPSK31 TX's allied to M08a, it will be initially regarded as a “generic” code covering any other additional Cuban Digi modes.

E06 / S06c, RN thinks they made a little slip-up, then E06 sends a strange message, see entry

E10, HNC Z up again on 29 Jan, then our old friend ABC comes back after having a rest.

E11b, new sked found, see entry.

E25, Another sked found – and we're learning very much more about it.

See the **major definitive article** our “man on the spot”, Manolis Petrakis, has provided for this issue. *This splendid piece is appended to the end of this newsletter and will be found in the File Section of the ENIGMA 2000 Group*

G11, it's back with us after almost 10 years – please **reactivate** in your Control Lists

S10d, S17c & M10 will change freqs on 1 March, see new chart.

M08a/V02a Cuban group, lots of things going on here that need to be understood and analysed - in addition to the “digi mode” activities - V02a has gained a new voice, and an LSB TX on 14 Jan, while M08a has a new fast morse format. Additional / unlogged freqs also coming into use.

The active members of the Cuban Team, living in different time zones, have substantially increased the coverage of the Cuban group and it's nice to see more European logs being submitted as conditions slowly improve.

All this will keep Mark and the Cuban Desk Team very busy.

XPA – M12, a direct tie-up between these stations is proven, see XPA entry.

Morse Stations

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

M01/1 XIV MCW, hand (197 sked from 1st Nov)

| | | | |
|------|--------|--------|--------------------------------|
| 5320 | 18.00z | 04 Jan | 197 540 30 |
| 4490 | 20.00z | 04 Jan | 197 100 30 |
| 5810 | 15.00z | 06 Jan | 197 224 30 |
| 6793 | 12.06z | 06 Jan | i/p ending '901 901 50 50 000' |
| 5320 | 18.00z | 01 Feb | 197 000 |

M01a (formerly end of month TXs)

| | | | |
|------|--------|--------|---|
| 5018 | 08.00z | 11 Jan | 473 69640 rptd, 111 999 731 15 = etc ending 731 15 111 000 |
| 9243 | 08.25 | 11 Jan | i/p ... 212 20 = 5Fg = 212 20 333 333 111 709 89 111 000 |
| 9218 | 09.40z | 17 Jan | '342 46651' rptd, 342 342 342 000 |
| 9243 | 08.12z | 01 Feb | i/p ends = 334 10 111 000 |

M01b

| | | | |
|------------|--------|--------|--------------|
| 4615//5067 | 21.10z | 01 Jan | 136 891 39 |
| 4141 | 18.20z | 05 Jan | 210 771 25 |
| 4848 | 18.20z | 09 Jan | 210 771 25 |
| “ | “ | 12 Jan | repeat above |
| 5810 | 16.15z | 12 Jan | 158 |
| 4603//4991 | 21.32z | 18 Jan | 514 569 30 |
| 5151 | 16.20z | 06 Feb | 812 278 27 |

M01c

No reports

M03 III ICW, some CW

| | | | |
|-------|--------|--------|--------------------------------|
| 12660 | 08.45z | 04 Jan | 503 / 00 |
| 10385 | 10.00z | 04 Jan | 976 / 00 |
| 4909 | 08.00z | 05 Jan | 041 / 00 |
| 9060 | 08.15z | 05 Jan | 552 / 00 |
| 4505 | 07.00z | 08 Jan | 040 / 00 |
| 10210 | 09.00z | 08 Jan | 976 / 00 |
| 8088 | 07.30z | 17 Jan | 508 / 00 |
| 7793 | 09.15z | 23 Jan | 221 / 00 |
| 4840 | 19.30z | 23 Jan | 121 / 20 = = 65432 46789 |
| 4840 | 07.30z | 06 Feb | 041 / 00 |
| 4909 | 07.30z | 23 Feb | 040 / 00 |

M03c (Stutter groups)

| | | | |
|-------|--------|--------|-------------------------------------|
| 9060 | 08.15z | 08 Jan | 554 / 37 == 77777 77777 01035 |
| 12153 | 08.45z | 08 Jan | 252 / 31 == 77777 77777 64400 |
| 10210 | 09.00z | 22 Jan | 970 / 00 == 77777 77777 59430 |
| 10384 | 10.00z | 25 Jan | Rpt above |
| 7798 | 09.15z | 30 Jan | 222 / 32 == 77777 77777 02497 |
| 11486 | 07.45z | 06 Feb | 501 / 30 == 77777 77777 |
| 12660 | 08.45z | 08 Feb | 501 / 30 == 77777 77777 35898 |

M03e

No reports

M08a XVIII ICW / CW, some MCW

All the usual fun & games continue to entertain our Cuban Team but there are some very strange things happening co-incident with the introduction of their "Digi service", including – but not restricted to – the loss of some long running skeds – or their freq relocation !, as has happened with V02a.

| | | | |
|-------------|-----------|--------|---|
| 7526 | 21.00z | 02 Jan | i/p weak, New Sked ?? |
| 10127 | 03.00z | 06 Jan | i/p, strong clean, nice catch by Zack W. |
| 5930 | 07.00z | 07 Jan | Jon caught this very strange TX. It was expected to be a MCW but came up as CW, then changed to BPSK31 at 07.20z, then back into CW at 07.31z but not using the usual Cut Numbers, and a format similar to the SK01 shown later. |
| 5800 | 10.00z | 07 Jan | MCW using a new fast morse sending Under investigation. |
| 9040 | 09.00z | 11Jan | Fast format |
| 8136 | 11.00z | 13 Jan | Fast format |
| 8430 / 8630 | 08/09.00z | 22 Jan | MCW, fast format |
| 6786 | 09.00z | 22 Jan | Fast format |
| 7726 | 10.00z | 22 Jan | Fast format |
| 5930 | 06.00z | 27 Jan | Should have been on 5800 |
| 8186 | 08.00z | 19 Feb | MCW, fast format |
| 16178 | 16.00z | 24 Feb | MCW, TX as following entry but changed to V02a at 16.03z with continuous 3's. |
| 7974 | 21.00z | 24 Feb | CW sending a continuous 12345 67890 (ANDUW RIGMT) in new format till 21.21z |

Freqs

4028, 4035, 5759, 5800, 5847, 5883, 5898, 5930, 5947, 6768, 6786, 6826, 8097, 8186, 8430, 8630, 9040, 9063, 9153, 16178

Above freqs also use / are MCW

3025, 3292, 3926, 4027, 4034, 4478, 4506, 5116, 5134, 5416, 5761, 5798, 5882, 6786, 6854, 6867, 6932, 6943, 7481, 7519, 7526, 7554, 7580, 7680, 7726, 7786, 7887, 7975, 8010, 8135, 9063, 9152, 9237, 9240, 9323, 10125, 10127, 10235, 10344, 10446, 11565, 13379.

An interesting series of events event caught by Jon-FL :-

Congruance of the use of the same ID number for M08a MCW, M08a CW and V02a AM!

| | | |
|----------------------|---------------|-------------------|
| 2007-02-13 TUE 0500z | 9063 CW M08a | 25513 74353 22313 |
| 2007-02-13 TUE 0600z | 5800 MCW M08a | 25513 64471 22491 |
| 2007-02-13 TUE 0700z | 8186 AM V02a | 25513 04151 70002 |
| 2007-02-13 TUE 0700z | 6786 MCW M08a | 25513 24441 33253 |
| 2007-02-13 TUE 0800z | 7580 AM V02a | 25513 04151 70002 |

A similar situation, caught by MS, occurred on 21 Feb using the first ID of 61212

| | | |
|------|---------------|-------------------|
| 0700 | 8136 AM V02a | 61212 16421 99321 |
| 0700 | 9153 MCW M08a | 61212 55293 74513 |
| 0800 | 7555 AM V02a | 61212 16421 99321 |
| 0800 | 9063 CW M08a | 61212 55293 74513 |
| 0900 | 9040 AM V02a | 61212 78951 27111 |
| 1000 | 9240 AM V02a | 61212 78951 27111 |

While Tim, westt1us, commences another investigation channel and sends his preliminary report :-

I had reported before that the MCW primary M08a schedules in the 0500-0700z time frame were starting late.

I have completed analysis of one of the schedules based on my notes for the entire month of January and into the early part of February.

The primary schedules were coming up 5 minutes late consistently.

On several occasions they were found in progress, or started normally at the top of the hour, before abruptly stopping and starting on the 5 minute late timing.

I've attached analysis of the 0500/0600z schedule on 5928 and 5800 respectively to prove the point.

I am normally in bed by the time the 0700 schedules started so there are a lot of missing secondary schedules for the 0600/0700z primary/secondary transmissions.

For that reason I omitted them from the analysis, but the primary schedules at 0600z were consistently starting 5 minutes late also.

I hope my study is of interest.

2007-01-01, UTC:0505-, Freq:5928, M8a, MCW Started at 0505 (Primary Schedule)

2007-01-01, UTC:0600-, Freq:5800, M8a, MCW Started at ~0600 (Secondary Schedule)

2007-01-02 All schedules no show.

2007-01-04, UTC:0505-, Freq:5928, M8a, MCW Came up in callups at 0502 and went into message at 0503 (implies 0500 start) Stopped at 0505:35 and into 3 minutes of callups then message.(Primary Schedule)

2007-01-04, UTC:0601-, Freq:5800, M8a, MCW Started at 0601 (Secondary Schedule)
(Actually 0600:35)

2007-01-06, UTC:0506-, Freq:5928, M8a, MCW Started at 0506(Primary Schedule)
2007-01-06, UTC:0601-, Freq:5800, M8a, MCW Started at 0601 (Secondary Schedule)
Note: All schedules 1 minute late

2007-01-08, UTC:0505-, Freq:5928, M8a, MCW Started at 0505 (Primary Schedule)
2007-01-08, UTC:0600-, Freq:5800, M8a, MCW Started at 0600 (Secondary Schedule)

2007-01-09, UTC:0500-, Freq:5928, M8a, MCW Came up in message at 0514 into second
message at 0519 Indicates start time of 0505 (Primary Schedule)
2007-01-09, UTC:0600-, Freq:5928, M8a, MCW Switched to correct frequency 5800 at 0606 approx.

2007-01-16, UTC:0506-, Freq:5928, M8a, MCW Actual start 0506:30 (Primary Schedule)
2007-01-16, UTC:0601-, Freq:5800, M8a, MCW Actual start 0601:30 (Secondary Schedule)

2007-01-18, UTC:0601-, Freq:5800, M8a, MCW Actual start 0601:30 (Secondary Schedule)

2007-01-16, UTC:0505-, Freq:5928, M8a, MCW Actual start 0504:45 (Primary Schedule)
2007-01-16, UTC:0600-, Freq:5800, M8a, MCW Actual start 0459:45 (Secondary Schedule)
Both started 15 seconds early

2007-01-18, UTC:0601:30, Freq:5800, M8a, MCW Actual start 0459:45 (Secondary Schedule)

2007-01-20, UTC:0505-, Freq:5928, M8a, MCW Actual start 0504:47 (Primary Schedule)
2007-01-20, UTC:0600-, Freq:5800, M8a, MCW Actual start 0659:45 (Secondary Schedule)
Both started 15 seconds early

2007-01-23, UTC:0505-, Freq:5928, M8a, MCW Actual start 0504:45 (Primary Schedule) Transmission in progress at 0503 abruptly stopped and
into 3 minutes of callups at 0505:00
2007-01-23, UTC:0600-, Freq:5800, M8a, MCW Actual start 0600:10 (Secondary Schedule)

2007-01-25, UTC:0505-, Freq:5928, M8a, MCW Actual start 0505:30 (Primary Schedule) 2007-01-25, UTC:0600-, Freq:5800, M8a, MCW
Actual start 0600:30 (Secondary Schedule)
Both started 30 seconds late

2007-01-27, UTC:0505-, Freq:5928, M8a, MCW Actual start 0505:30 (Primary Schedule) Came up in progress at 0504:30 stopped and into 3
minutes of callups at 0505:00 2007-01-27, UTC:0600-, Freq:5800, M8a, MCW Actual start 0600:00 (Secondary Schedule)
Came up in progress at 0559 stopped and went into 3 minutes of callups at 0600:00

2007-01-29, UTC:0505-, Freq:5928, M8a, MCW (Primary Schedule)
2007-01-29, UTC:0600-, Freq:5800, M8a, MCW (Secondary Schedule)

M08c

No reports

M08d

No reports

M10 IX ICW / MCW, some CW

| | | | | |
|---|--------|--------|---|--------------|
| 14978 | 14.10z | 01 Jan | 888 166 nn 831 19 | poor sig |
| 6764 | 16.30z | 01 Jan | 111 571 25 275 29 049 39 435 24 | |
| Another good news day !!, very interesting that the TX on 1 Nov 06 had the same addressees., as have subsequent TX's this month. Also on 1 Jan it sent 888 / 111 / 444 / 333 header sequences. | | | | |
| 5472 | 18.00z | 04 Jan | 444 186 36 | |
| 5946 | 19.40z | 04 Jan | 111 448 24 194 19 | |
| 9385 | 19.50z | " | 222 520 27 | |
| 6764 | 16.30z | 06 Jan | 333 571 23 275 37 049 41 435 26 | |
| | | 07 Jan | repeat above | |
| 4485 | 16.10z | 07 Jan | 111 254 29 912 22 | |
| 5860 | 19.20z | 07 Jan | 111 628 32 980 27 | |
| 5301 | 18.20z | 08 Jan | 999 611 39 675 27 | |
| 9455 | 15.00z | 09 Jan | u/r | |
| 9165 | 16.40z | 09 Jan | OTHR QRM, poss 777 | |
| 7605 | 17.20z | 09 Jan | 111 577 21 28 = 40433 | see also XPA |
| 5946 | 08.00z | 11 Jan | 333 579 32 757 24 | |
| 3809 | 05.35z | 14 Jan | 888 571 78 38, 275 04 39, 049 76 22, 435 32 30. | |
| 5946 | 13.40z | 15 Jan | 666 887 27 981 36 | |
| 7745 | 17.20z | 16 Jan | i/p weak | |
| 5945 | 13.40z | 19 Jan | 888 067 33 23 | |
| 6758 | 16.10z | 22 Jan | 999 182 24 486 33 | |
| 6945 | 11.40z | 23 Jan | 444 356 27 328 40 | |
| 9973 | 13.40z | 06 Feb | 888 381 31 688 20 | |
| 4007 | 21.15z | 19 Feb | i/p ending 95 85 34 000 | |

Freqs
4007, 4031, 4836, 5301, 5607, 5861, 6764

M11 IXA (formerly M10e)

No reports

M12 IB ICW, some MCW / CW, short 0
 Note, identified freq changes in Jan as shown highlighted in Brians charts.

M12 Log 1, Jan 2007 [Brian - Crawley]

| Day / Date | Time (UTC) | Freq (kHz) | Time (UTC) | Freq (kHz) | Time (UTC) | Freq (kHz) | ID | Decode Key | Grp No. |
|------------|------------|------------|------------|------------|------------|------------|-----|------------|---------|
| Wed 3 | 1940 | | 2000 | 5442 | 2020 | 4461 | 944 | 299 | 209 |
| Sun 7 | 1940 | 6996 | 2000 | 5442 | 2020 | --- | 944 | 0 0 0 | |
| Wed 10 | 1940 | 6996 | 2000 | 5442 | 2020 | --- | 944 | 0 0 0 | |
| Sun 14 | 1940 | 6996 | 2000 | 5442 | 2020 | 4461 | 944 | 834 | 203 |
| Wed 17 | 1940 | 6996 | 2000 | 5442 | 2020 | 4461 | 944 | 834 | 203 |
| Wed 24 | 1400 | 9126 | 1420 | 8108 | 1940 | 6872 | 998 | 570 | 205 |
| | 1940 | 6996 | 2000 | 5442 | 2020 | 4461 | 944 | 995 | 203 |
| Sun 28 | 1940 | 6996 | 2000 | 5442 | 2020 | 4461 | 944 | 675 | 125 |
| Mon 29 | 1900 | 10343 | 1920 | 9264 | 1940 | 8116 | 124 | 8372 | 115 |
| Wed 31 | 1400 | 9126 | 1420 | 8108 | 1440 | 6872 | 998 | 706 | 133 |
| | 1800 | 10343 | 1820 | NH | 1840 | 8116 | 124 | V. Weak | |

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

We have an interesting confirmation of the M12 – XPA tie-up, see XPA entry.

| | | |
|---------------------|-----------------|--|
| 5903/5203 20.00/20z | 06 Jan | 925 x3 000 |
| 12128 | 08.00z | 07 Jan 615 x3 000 |
| 5938 | 22.00 | 09 Jan 138 x3 000 |
| 10628 | 07.40z | 14 Jan 615 x3 000 |
| 9126/8108/6872 | 13.00/31/58z | 15 Jan 998 1 1014 311 |
| 9264/8116 19.20/40z | 15 Jan | 124 1 6708 121 |
| 9327 | 14.05z | 22 Jan i/p |
| 8024 | 11.40z | 23 Jan 297 1 518 71 |
| 6992 | 12.00z | “ rpt above |
| 9126/8108/6872 | 14.00/20/40 | 24 Jan 998 1 570 205 |
| 6996/5442/4461 | 19.40/20.00/20z | “ 944 1 905 223 |
| 5903/5203/4503 | 20.00/20/40 | “ 925 1 560 129 |
| 6824 | 22.00z | 25 Jan ??? 000 000 |
| 13384 | 15.28z | 29 Jan i/p |
| 12121 | 15.56z | “ i/p |
| 12193 | 15.56z | 01 Feb i/p ends 16.16z |
| | | Investigation by Brian & Richard shows this triplet is |
| | | 12193 / 13593 / 14893 |
| 6978/5978/4978 | 20.00/20/40z | 03 Feb 989 x3 000 |
| 14893/12193 | 15.00/40z | 09 Feb 851 1 285 151 03966 |
| 14452/13384 | 15.27/15.44z | 10 Feb both i/p |
| 15862/14522/13384 | 15.00/20/40z | 12 Feb 853 1 793 277 94464 |
| 8117/6917/5142 | 19.40/20.00/20z | 14Feb 191 1 482 193 |
| 6978/5878/4978 | 20.00/20/40z | 14 Feb 989 1 351 135 |
| 5891/5268/4572 | 21.00/20/40z | 17/20 Feb 825 1 774 11 previous XPA freqs |
| 11435/10598/9327 | 19.00/20/40z | 13/20 Feb 938 BR reports poor sig with this sked,as was the 124 sked in Jan, prompting the ??, 2 nd Txer / diff location / diff beam heading. |

M12 Log Feb 2007 [Brian - Crawley]

| Day / Date | Time (UTC) | Freq (kHz) | Time (UTC) | Freq (kHz) | Time (UTC) | Freq (kHz) | ID | Decode Key | Grp No. |
|------------|------------|------------|------------|--------------|------------|------------|-----|------------|---------|
| Fri 2 | 1500 | 14893 | 1525? | N/H | 1550? | 12193 | 851 | 842 | 309 |
| Thu 8 | 1500 | 14893 | 1520 | N/H "Jet" | 1540 | 12193 | 851 | 285 | 151 |
| | 1800 | 11435 | 1820 | 10598 | 1840 | 9327 | 938 | 4261 | 100 |
| | 1900 | 13386 | 1920 | 12189 | 1940 | 11491 | 816 | 2216 | 102 |
| Sun 11 | 1900 | 10343 | 1920 | 9264 | 1940 | 8116* | 124 | 4782 | 123 |
| | 1940 | 8117* | 2000 | 6917 | 2020 | 5142 | 191 | 482 | 193 |
| Mon 12 | 1500 | | 1520 | 14522 | 1540 | 13384 | 853 | 793 | 277 |
| | 1900 | 10343 | 1920 | 9264 | 1940 | 8116 | 124 | 7105 | 120 |
| Tue 13 | 1900 | 11435 | 1920 | 10598 | 1940 | 9327 | 938 | V Weak | *** |
| Wed 14 | 1940 | 8117 | 2000 | 6917 | 2020 | 5142 | 191 | 482 | 193 |
| | 2000 | 6978 | 2020 | 5878 | 2040 | 4978 | 989 | | |
| Thu 15 | 1500 | 14893 | 1520 | N/H "Jet" ** | 1540 | --- | 851 | 000 | |
| Fri 16 | 1500 | 14893 | 1520 | N/H "Jet" ** | 1540 | --- | 851 | 000 | |
| Sat 17 | 1500 | 15862 | 1520 | 14522 | 1540 | 13384 | 853 | 793 | 277 |
| Tue 20 | 1900 | 11435 | 1920 | 10598 | 1940 | 9327 | 938 | 2.. | 210? |
| Wed 21 | 1940 | 8117 | 2000 | 6917 | 2020 | 5142 | 191 | 439 | 171 |
| | 2000 | 6978 | 2020 | 5878 | 2040 | 4978 | 989 | 541 | 271 |
| Thu 22 | 1500 | 14893 | 1520 | N/H "Jet" | 1540 | --- | 851 | 000 | |
| Fri 23 | 1500 | 14893 | 1520 | N/H "Jet" | 1540 | --- | 851 | 000 | |
| Sat 24 | 1500 | 15862 | 1520 | 14522 | 1540 | 13384 | 853 | 793 | 277 |
| Sun 25 | 1900 | 10343 | 1920 | 9264 | 1940 | 8116* | 124 | 1395 | 109 |
| | 1940 | 8117* | 2000 | 6917 | 2020 | 5142 | 191 | 768 | 145 |
| (Cont.) | | | | | | | | | |

Brian's Feb 2007 M12 Chart continued:

| Day / Date | Time (UTC) | Freq (kHz) | Time (UTC) | Freq (kHz) | Time (UTC) | Freq (kHz) | ID | Decode Key | Grp No. |
|------------|------------|------------|------------|------------|------------|------------|-----|------------|---------|
| Mon 26 | 1500 | 15862 | 1520 | 14522 | 1540 | 13384 | 853 | 793 | 277 |
| | 1900 | 10343 | 1920 | 9264 | 1940 | 8116 | 124 | 7693 | 126 |
| Tue 27 | 1900 | 11435 | 1920 | 10598 | 1940 | 9327 | 938 | 4423 | 110 |
| Wed 28 | 1940 | 8117 | 2000 | 6917 | 2020 | 5142 | 191 | 768 | 145 |
| | 2000 | 6978 | 2020 | 5878 | 2040 | --- | 989 | 000 | |
| | | | | | | | | | |
| | | | | | | | | | |

Highlighted cell indicates new or changed loggings

--- Indicates no 3rd transmission sent as message 0 0 0

N/H - Not heard

* Both 8116 kHz & 8117 kHz in use at the same time. 8116 kHz transmission was noticeably weaker.

** Signal not heard due to severe "Jet" QRM – Searched band for any change of frequency without success.

*** All three transmissions were very weak and logging of decode key and Grp count was not possible. Curious given the usually good strength of M12 signals. A similarly weak set was heard last month.

PoSW commented :-

M12:- I haven't bothered too much with M12 Morse for a while since Brian of Crawley is doing such a fine job. However, I thought I would see what I could find and logged the transmissions listed below. I get the distinct impression there has been a considerable reduction in activity from M12 over the last year. There was a time when you could tune around on any evening of the week on the hour, twenty minutes past or forty minutes past and find an M12 calling up. Certainly, the "almost daily" schedule with call "749" starting at 5 PM UK and which had run for many years time vanished in 2006 as did the early evening "462" which used to be on several days in the week, often with the same 5F groups which had been transmitted on the "749" an hour or two earlier. Also, several M12 schedules heard in Jan and Feb last year have not appeared in 2007. One notable exception is the Saturday & Wednesday schedule starting at 8 PM UK time, i.e. 2000 UTC in the winter months which has been appearing on the same frequencies as in the same months as 2006 and indeed, in previous years, always a strong signal - as if being beamed in my direction! - and almost always starts within a second or two of the correct time.

M12a (two message variant)

No reports

M13 IB

M13 family now considered inactive since 0430z 13 Mar 06

M14 IA MCW / ICW / MCWCC, short 0

| | | | |
|---------|--------|--------|--|
| 4040 | 21.00z | 05 Jan | 309 x3 00000, (call now changed from 578 in 06) 2 nd sending of this 1 st & 3 rd Fri TX |
| 3680 | 20.02z | 19 Jan | i/p 309 0000 1 st sending freq identified, per PoSW This sked changed freqs to 4470/3860 for 2 nd & 16 th Feb |
| 12210 | 08.15z | 11 Jan | i/p ending.. 51101 = = 456 456 107 107 00000 |
| 4762 | 19.26z | 12 Jan | i/p ending... 15795 = = 735 735 26 26 00000 |
| 12210 | 08.00z | 25 Jan | 742 742 742 00000 |
| 12175 | 08.11z | 08 Feb | i/p ending ... = = 358 358 169 169 00000 |
| 4637 | 18.20z | 13 Feb | 186 429 28 |
| 4762MCW | 19.20z | 14 Feb | 748 429 28 |

M14a (two message variant) RNGB

| | | | |
|------|--------|--------|--|
| 9120 | 07.30z | 13 Jan | i/p ending 81624 = = 141 141 45 45 00000 |
| 7920 | 08.24z | " | repeat above mssgs 356 42 and 141 45. Start times estimated as 07.20 & 08.20z |

M18 IC

| | | | |
|------|--------|--------|--------|
| 3803 | 19.22z | 09 Jan | 2322 R |
|------|--------|--------|--------|

M23 O

J-PL (CAN) continuing supply of virtually daily logs again provides the yardstick for other monitors and confirms that some TX timings are erratic, as are the expected // freqs.

There are other aspects of this one still being studied with new skeds coming to light, J-PL made the comment :-

“In light of the resurrection of a number of old E2K formats that had gone dormant, perhaps we should also take M23 into account, as it has just recently also made a comeback, and is evolving.
 For example, the 1700 sked on 12700 with //13440 using 222 has not been heard since the end of Oct 06. Has it moved to a new freq or gone? I first caught 222 at the end of July 06. So, it was only on those 2 freqs for 4 months. Perhaps M23 changes freqs every 4 months (quarterly). As well, the 1430 sked on 14450 using 555 has not been heard since the end of Dec 06.”

[It will be interesting to see if any changes occur in March, Ed]

FNs logs from Switzerland and RRGB from UK complete the overview.

| | | | |
|--------------|---------------|--------|-----------------------------------|
| 11430//10780 | 15.03z | 01 Jan | i/p 555 R (// not 12200) |
| 14710 | 07.45/08.30z | 04 Jan | 555 R10 |
| 5670//8810 | 16.30z | 04 Jan | 951 R10 |
| 11430//10780 | 15.02z | 14 Jan | 555 R10 |
| 12200 | 17.36z | 16 Feb | i/p 555 |
| 10551 | 09.00z | 20 Feb | 448 R10, big sig, per RRGB |

Improving reception conditions in Canada gave J-PL the opportunity of catching 3 “first heard” TXs in one day at beginning of Feb, much to his delight :-

8810 16.33z, 14710 17.05z 12200 17.35z

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

| | | | |
|---------------|--------------|--------|---------------------------|
| 12210 / 14870 | 08/09.00 | 18 Jan | '742' 681 25 - 15689 |
| 12170 | 08.00z | 01 Feb | 742 00000 |
| 7920 | 20.00z | 07 Feb | '798' 423 50 |
| 12175/14450 | 08.00/09.00z | 08 Feb | '742' 358 169 |
| 10780 | 08.00z | 13 Feb | '039' 712 50 - 97397 |
| 12200 | 08.30z | “ | '039' R |
| 7920 | 20.00z | 14 Feb | '798' 964 123 |
| 8150 | 19.30z | 20 Feb | '512' 489 113 |
| 9120/7920 | 19.30/20.00z | 21 Feb | '798' 506 123 |
| 10190 | 20.00z | 27 Feb | '512' R |

M39 ICX? ICW / MCW

FN catches this rare erratic visitor, which appears to have changed format slightly since last logged, we need to establish if this a permanent change.

| | | | |
|------|--------|--------|--|
| 6955 | 09.06z | 09 Jan | i/p ICW , slow, hand, short. 5Ff x3, 5Ff x3, alternating different gps. Followed by series of zeros. Ended 0 0 0 - which is new, this station normally has no sign-off. |
|------|--------|--------|--|

M44

No reports

M45 XIV MCW, slow, hand

| | | | |
|------|--------|----------|-----------------------------------|
| 4025 | 18.02z | 23 Jan | '525' 732 33=28619. Rpt of 18 Jan |
| “ | “ | 8/13 Feb | '525' 479 34 |

M50 XIV MCW

No reports

M55 O

No reports

M62 O

| | | | |
|------|--------|--------|---|
| 4396 | 07.10z | 08 Jan | Rare 'with message' catch by FN c/s DR1K, adrsee GKHS with 4 messages at 07.17 / 07.28 / 07.45 / 08.00 |
|------|--------|--------|---|

SK01

J-FL intercepted this stations first heard “non-test” transmission, using BPSK31 mode, while he was expecting a M08a standard sked MCW TX. The structure is very interesting, especially the way in which the end of one message and the start of the next is signified, there are also many similarities with its M08a “parent” - we append Jons whole post for those of you who missed it on group site, it makes a very interesting study. Subsequently some PSK220F mode TX's were heard and we await any further developments

Sunday JAN 07 2007 0600z, 6786 Khz AM
 expected a m8a in MCW mode but
 this happened instead:

Sorry, missed the beginning of the tx.....
 But you can see the pattern.

 86043 22252 73082 57167 84370 87754 61884 00771 44486 16407
 36583 34861 82130 33277 06236 26402 44864 52731 01556 06414
 03318 23254 88217 38101 26360 53635 66443 57122 00331 38057

56732 05111 70613 52354 08535 67380 67578 23836 64731 63336
82745 02237 83875 86244 55566 76248 24765 44434 88523 47743
38301 04874 33015 14660 17023 54050 75828 66880 11110 63854
46211 01128 86381 61307 57251 18082 35115 12125 25561 40724
23441 22373 82888 84715 86311 42277 80846 63500 78347 00232
32578 64112 57315 05805 27615 14644 48835 37533 16671 35056
85134 47543 51788 76516 45144 03107 54325 83762 44181 07617
67360 03857 86202 65716 03213 10888 08631 58184 52mo1 51575
64736 60022 18607 62231 60124 81184 51302 64013 70334 78528
62346 41628 31267 67763 58047 67071 38647 70853 67567 67600
31008 75603 25764 05548 81014 68577 77543 71268

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50243 50243 50243 50243 50243

553 48612 00640 24267 24845 51614 30063 43610 02482 60566
72540 52116 86043 22252 e3082 57167 84370 87754 61884 00771
44486 16407 36583 34861 82130 33277 06236 26402 44864 52731
01556 06414 03318 23254 88217 38101 26360 53635 66443 57122
00331 38057 56732 05111 70613 52354 08535 67380 67578 23836
64731 63336 82745 02237 83875 86244 55566 76248 24765 44434
88523 47743 38304 874 33015 14660 17023 54050 75828 66880
11110 63854 46211 01128 86381 61307 57251 18082 35115 12125
25561 40724 23441 22373 82888 84715 86311 42277 80846 63500
78347 00232 32578 64112 57315 05805 27615 14644 48835 37533
16671 35056 85134 47543 51788 76516 45144 03107 54325 83762
44181 07617 67360 03857 86202 65716 03213 10888 08631 58184
52211 51575 64736 60022 18607 62231 60124 81184 51302 64013
70334 78528 62346 41628 31267 67763 58047 67071 38647 70853
67567 67600 31008 75603 25764 05548 81014 68577 77543 71268

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50243 50243 50243 50243 50243

55382 48612 00640 24267 24845 51614 30063 43610 02482 60566
72540 52116 86043 22252 73082 57167 84370 87754 61884 00771
44486 16407 36583 34861 82130 33277 06236 26402 44864 52731
056 064es3318 23254 88217 38101 26360 53635 66443 57122 00331
38057 56732 05111 70613 52354 08535 67380 67578 23836 64731
63336 82745 02237 83875 86244 55566 76248 24765 44434 88523
47743 38301 04874 33015 14660 17023 54050 75828 66880 11110
63854 46211 01128 86381 61307 57251 18082 35115 12125 25561
40724 23441 22373 82888 84715 86311 42277 80846 63500 78347
00232 32578 64112 57315 05805 27615 14644 48835 3 16671 35056
85134 47543 51788 76516 45144 03107 54325 83762 44181 07617
67360 03857 86202 65716 03213 10888 08631 584 52211 51575
64736 60022 18607 62231 60124 81184 51302 64013 70334 78528
62346 41628 31267 67763 58047 67071 38647 70853 67567 67600
31008 75603 25764 05548 81014 68577 77543 71268

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11111 07/01/2007 11111 07/01/2007 11111 07/01/2007 11111 07/01/2007

22222 07/01/2007 22222 07/01/2007 22222 07/01/2007 22222 07/01/2007 22222

83613 83613 83613 83613 83613
74750 23485 02855 51783 85733 00537 22283 13110 41418 02042
26361 01842 65522 63213 04118 6765 38514 00863 38288 54787
80012 80833 74578 65487 87054 05727 2632 36583 02134 88587
47515 15301 24478 50162 10512 47048 38176 68243 83120 42400
56757 81418 05871 02813 16477 50152 01502 50556 40530 8348
15123 88601 31072 65251 06404 44120 51871 72248 80152 40387
70682 23334 30723 72443 33750 08345 48643 16076 01445 51085
06774 82467 16120 17514 23114 31615 84407 12352 52080 13510
45078 24024 15252 57255 78216 61637 38237 35584 32564 55277
74212 60517 25204 64882 27283 50203 41215 36410 12211 60253
07335 58425 38070 18838 04722 61886 31132 21662 35412 16824
83708 10518 14870 77602 40235 84384 35535 81734 56014 06668
04316 40764 31114 37020 58566 70051 31310 03125 35538 80863
82062 64761 28550 36762 37640 81384 65557 70350 50743 63553
04743 83683 75357 27335 76354 78467 13362 84670 45862 60874

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83613 83613 83613 83613 83613

74750 23485 02855 51783 85733 00537 22283 13110 41418 02042
26361 01842 65522 63213 04118 56765 38514 00863 38288 54787
80012 80833 74578 65487 87054 05727 52632 36583 02134 88587
47515 15301 24478 50162 10512 47048 38176 68243 83120 42400
56757 81418 05871 02813 16477 50152 01502 50556 40 83458
15123 88601 31072 65251 06404 44120 51871 72248 80152 40387
70682 23334 30723 72443 33750 08345 48643 16076 01445 51085
06774 82467 16120 17514 23114 31615 84407 12352 52080 13510
45078 24024 15252 57255 78216 61637 38237 35584 32564 55277
74212 60r- t 25204 64882 27283 50203 41215 36410 12211 60253
07335 58425 38070 18838 04722 61886 31132 21662 35412 16824
83708 10518 14870 77602 40235 84384 35535 81734 56014 06668
04316 40764 31114 37020 58566 70051 31310 03125 35 80863
82062 64761 28550 36762 37640 81384 65557 70350 50743 63553

04743 83683 75357 27335 76354 78467 13362 84670 45862 60874
+++
83613 83613 83613 83613 83613
74750 23485 02855 51783 85733 00537 22283 13110E18 02042
26361 01842 65{22 63213 04118 a6765 38514 00863 38288 54787
80012 80833 74578 65487 8705[05727 52632 36583 02134 88587
47515 15301 24478 50162 10512 47048 38176 68243 83120 42400
56757 81418 05871 02813 16477 50152 01502 50556 40530 83458
15123 88601 31072 65251 06404 44120 51871 72248 80152 40387
70682 23334 30723 72443 33750 08345 48643 16076 01445 51085
06774 82467 16120 17514 23114 31615 84407 12352 52080 13510
45078 24024 15252 57255 78216 61637 38237 35584 32564 55277
74212 60517 25204 64882 27283 50203 41215 36410 12211 60253
07335 584o5 38070 18838 04722 61886 31132 21662 35412 16824
83708 10518 14870 77602 40235 84384 35535 81734 56014 06668
04316 40764 31114 37020 58566 70051 31310 03125 35538 80863
82062 64761 28550 36762 37640 81384 65557 70350 50743 63553
04743 83683 75357 27335 76354 78467 13362 84670 45862 60874
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22222 07/01/2007 22222 07/01/2007 22222 07/01/2007 22222 07/01/2007

33333 07/01/2007 33333 07/01/2007 33333 07/01/2007 33333 07/01/2007 33333
23725 23725 23725 23725 23725
98795 07033 36577 30570 19233 92690 62961 28753 31964 85298
69049 19918 46628 57896 95311 77365 62084 10487 03713 67405
84496 38663 39923 34109 56383 34449 60372 62625 35966 78589
62134 91651 36320 89669 06731 00783 29368 38967 05379 02054
12825 01574 03494 28818 31313 32540 06828 79730 16208 72752
88668 52550 43017 25293 55817 77418 49543 64205 07519 43057
29841 66286 31135 21117 08850 00102 30888 94145 13539 00752
58345 29096 54331 98554 35615 69185 91671 05984 65773 64838
68725 71271 66742 42243 19044 61826 90920 58190 50572 37944
95069 73258 30416 41359 43454 07471 47577 81521 78679 13538
67353 29037 18878 03007 68533 46779 55414 47743 25417 08031
44675 84001 91097 05196 37876 69435 54017 22773 31962 32991
68118 28915 10425 09724 30152 63759 62779 20227 36340 29772
23220 52169 30924 62917 64490 24183 17956 74558 82993 43459
32085 87766 57379 53062 22374 63847 37706 37655 98795 07033
+++
23725 23725 23725 2372h e 3725 98795 07033 36577 30570 19233
92690 62961 28753 31964 85298 69049 19918 46628 57896 95311
77365 62084 10487 03C13 67405 84496 38663 39923 34109 56383
34449 60372 62625 35966 78589 62134 91651 36320 89669 06731
00783 29368 38967 05379 02054 12825 01574 03494 28818 31313
32540 06828 79730 16208 72752 88668 52550 43017 25293 55817
77418 49543 64205 07519 43057 29841 66286 31135 21117 08850
00102 3M888 94145 13539 00752 58345 29096 54331 98554 35615
69185 91671 05984 65773 64838 68725 71271 66742 42243 19044
61826 90920 58190 50572 37944 95069 73258 30416 41359 43454
07471 47577 81521 78679 13538 67353 29037 18878 03007 68533
46779 55414 47743 25417 08031 44675 84001 91097 05196 37876
69435 54017 22773 31962 32991 68118 28915 10425 09724 30152
63759 62779 20227 36340 29772 23220 52169 30924 62917 64490
24183 17956 74558 82993 43459 32085 87766 57379 53062 22374
63847 37706 37655 98795 07033

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23725 23725 23725 23725 23725
98795 07033 36577 30570 19233 92690 62961 28753 31964 85298
69049 19918 46628 57896 95311 77365 62084 10487 03713 67405
84496 38663 39923 34109 56383 34449 60372 62625 35966 78589
62134 91651 36320 89669 06731 00783 29368 38967 05379 02054
12825 01574 03494 28818 31313 32540 06828 79730 16208 72752
88668 52550 43017 25293 55817 77418 49543 64205 07519 43057
29841 66286 31135 21117 08850 00102 30888 94145 13539 00752
58345 29096 54331 98554 35615 69185 91671 05984 65773 64838
68725 71271 66742 42243 19044 61826 90920 58190 50572 37944
95069 73258 30416 41359 43454 074 i1 47577 81521 78679 13538
67353 290I7 18878 03007 68533 46779 55414 47743 25417 08031
44675 84001 91097 05196 37876 69435 54017 22773 31962 32991
68118 28915 10425 09724 30152 63759 62779 20227 36340 29772
23220 52169 30924 62

carrier off at 0652z.

Thanks to: BR, FN, Gert, HFD, J-FL, J-PL, JoA, ML, MS, PoL, RNGB, TH, West1, ZW, Anon 2 UK

Report from E2K's German Branch

Report from E2K's German Branch

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

In the German schools, a mathematical learning book is used frequently, titled "Die Welt der Zahl", translated "The world of the number". If we advance this title to "The world of numbers stations" ("Die Welt der Zahlensender"), it could be a nice title for whole newsletter 39, cause "The numbers scene lives – and lives – and lives" or to say it with the words of Mikendbs in a group mail: "The numbers world is going berserk" this period. The legendary re-appearance of G11 (discovered by Kopf via the member of another list) is already mentioned, also the E17 saga, the E25 activities and the discoveries of the E10 project team, led by AlphaE2Kde, Erfurt/Eastern Germany, are parts of issue 39. But there are also other interesting news of the German scene – and of course X06 logs as usual at the end.

First a little note to NL 38: The article about "Radioactive marking" (page 50 f.), which was introduced as "de anon", came from our German correspondent DanielE2Kde, Münster/Northwestern Germany.

"Elektor" article is online

The article in the electronic magazine "Elektor" about numbers stations, which was written by the Kopf (look at NL 38), is now online at the 'Files' section of our E2K homepage.

Interview in "Computerclub 2"

In its transmission from January 29th, the German online audio magazine "Computerclub 2" (CCzwei) brought the interview with the Kopf, which was also announced in NL 38. This magazine is produced once a week on every Monday. The numbers contribution was said to come already on January 15th, cause they interviewed me on that day. That led to misleadings, cause I thought, it would be sent on the day of the interview itself, but later I heard from the CCzwei makers, that they produce the programmes 2 weeks before transmission. You can find the transmission from January 29th at www.cczwei.de/archiv.php - "Sendung vom 29.01.2007 - CC-Zwei-28.mp3". The contribution is nearly at the end and lasts 12-13 minutes (with 2 soundclips in it). In the week, when this transmission was the actual one, you could also find a link to our E2K group, and this gave a very good resonance within the CCzwei listeners' scene, so that we got many new German E2K members.

X06 Mazielka (1C) logs section

| Date | Day | UTC | Freq | Md | Scale | Monitor | Comments |
|----------|-----|-----------|-------|-----|--------|-----------------|----------------------------------|
| 20070109 | Tue | 0815-0823 | 14861 | AM | 542136 | KopfE2Kde | Rarer scale with strong S9 |
| 20070111 | Thu | 0815-0845 | 10165 | USB | 123456 | Kopf,FritzE2Kch | 6-note rising – fair and long |
| 20070111 | Thu | 0836 | 9065 | AM | 561243 | RNGB | |
| 20070112 | Fri | 0817-0848 | 9300 | AM | 464646 | Kopf, Tim | Strange 3x2 variant |
| 20070112 | Fri | 0849-0850 | 9300 | AM | | TimJN58PC | Different scale |
| 20070112 | Fri | 0852-0902 | 9300 | AM | 464646 | Tim, Kopf | Different scale at the end |
| 20070118 | Thu | 0831 | 14446 | AM | 162543 | Fritz | |
| 20070119 | Fri | 1526 | 9235 | | 156234 | Fritz | |
| 20070122 | Mon | 0908-0913 | 10172 | AM | 421635 | RNGB, Kopf | Strong S9 |
| 20070125 | Thu | 0943 | 13506 | USB | 164532 | Gert/NL | Very short |
| 20070125 | Thu | 1527 | 6948 | | | | |
| 20070129 | Mon | 2005 | 8081 | AM | 532614 | RNGB | Very short |
| 20070130 | Tue | 1141-1202 | 9301 | AM | 123456 | FrankeE2Kde | |
| 20070205 | Mon | 0800 | 10127 | USB | 421635 | Manolis/GR | Low signal |
| 20070205 | Mon | 1600-1602 | 8180 | | 241563 | Mikendbs, S&D | Good levels – same freq as E17 |
| 20070206 | Tue | 2002-2011 | 8005 | | 165423 | POSW | Very strong S9+ |
| 20070207 | Wed | 050-2100 | 6915 | AM | 215346 | RNGB, Kopf | Weak and with a short break |
| 20070207 | Wed | 2053-2100 | 6850 | AM | 241563 | Kopf, RNGB | |
| 20070207 | Wed | 2053-2100 | 6870 | AM | 463125 | Kopf, RNGB | Standard freq |
| 20070207 | Wed | 2053-2100 | 6962 | AM | 164532 | Kopf, RNGB | Standard freq – very strong |
| 20070208 | Thu | 0809 | 10730 | | 123456 | PoS | Very long (ended before 0840) |
| 20070208 | Thu | 0833-0837 | 16116 | AM | 134265 | Kopf | Rare scale |
| 20070208 | Thu | 1100 | 16025 | AM | 156234 | Kopf | Strong and long (missed the end) |
| 20070212 | Mon | 2000-2022 | 8105 | AM | 214365 | RNGB, Kopf | Standard freq – weak and long |
| 20070220 | Tue | 0925-0930 | 15687 | AM | 154263 | Kopf | Strong signal |
| 20070220 | Tue | 1220-1234 | 14871 | AM | 156234 | Kopf | S3-4 |
| 20070221 | Wed | 0800-0805 | 15819 | AM | 256341 | Kopf | Strong S9 |
| 20070221 | Wed | 0836-0839 | 12152 | AM | 432516 | Kopf | Rarer scale |
| 20070221 | Wed | 2013 | 9303 | AM | 256134 | Fritz | |
| 20070222 | Thu | 0905-0909 | 9300 | AM | 123456 | Kopf | 6-note rising |
| 20070226 | Mon | 0913-0918 | 11424 | AM | 421635 | Kopf, RNGB | Marburg: weak, London: strong |
| 20070227 | Tue | 0854-0903 | 12420 | AM | 534216 | Kopf | Changed 1mHz higher at 0903 |
| 20070227 | Tue | 0903-0920 | 13420 | AM | 534216 | Kopf | Same scale (sometimes RTTY QRM) |

That was again much nice stuff, I think. Next time there will be more.

Till then "Auf Wiedersehen" and "Good-bye"

Jochen Schäfer, KopfE2Kde

We complete the German Branch report with DanielE2kde logs. Please accept our apologies for not placing them in the right places as Daniel intended we would. Both MikeL and Plondon are in full time jobs and finding time to carry out long tasks that are newsletter aligned is somewhat difficult. Having to convert to our file standard and then sort just takes too long.

Please send as text or doc and in the format we favour here [and certainly not in excel based tables, unsorted except by nature of date]:

Freq/Time/Date/Msg detail and day

Don't forget the date, putting the date once, as a header, and expecting us to do the rest of the graft is a sure way of being ignored.

Date (MM/DD/YYYY): 12/01/2006 - 12/29/2006
by: ms_monitor2004 = DanielE2Kde
Location: Münster (Muenster), northwest Germany, 51°57'47"N 7°37'43"E
Equipment: Yaesu FRG-7000, outdoor random wire ant.

| Freq | ENIGMA | MMDDYYYY | UTC | Mode | Comments |
|--------|--------|----------|------|------|--|
| 8009.0 | M08a | 01082007 | 2312 | CW | vy weak, often diminishing in noise. Copied some 5fg with Cuban short numbers (ADGIMNRUW) (which should justify the identification in addition with the known frequency.) |
| 5170.0 | E10 | 01142007 | 1650 | AM | "VLB2". Signal S7 thru 9+20 with QRM. |
| 5340.0 | E10 | 01142007 | 2320 | AM | "KPA2"; better in USB due to local carrier humming Callup "887 887 887 1"; then "482 23 482 23" and into numbers; first groups: 80758 96980 33393 13738 20210; ending 2125z "000 000". Recording and complete transcript available. Strong signal S9+30; some splatter from BC station. |
| 5896.0 | E07 | 01152007 | 2120 | AM | Callup "887 887 887 1"; then "482 23 482 23" and into numbers (repeat of 2120z 5896kHz); S9+20. Recording and transcript available. |
| 4792.0 | E07 | 01152007 | 2140 | AM | caught just the last tones only 14 seconds transmission following start tones (null msg?). Recording available. Callup "887 887 887 1"; then "482 23 482 23" and into numbers (repeat of 15 Jan 2120z 5896kHz / 2140z 4792kHz) |
| 5449.0 | E07 | 01182007 | 2130 | AM | Callup "744 744 744 1", then 877 45 877 45" and into numbers; first groups: 90219 94588 78698 57424 73224. Only partially readable due to QSB and local crackling noise. |
| 5090.0 | E10 | 01182007 | 2138 | AM | i/p. (local) QRM |
| 5170.0 | E10 | 01182007 | 2149 | AM | "VLB2" Signal S9+10...+30 Callup "744 744 744 1", then 877 45 877 45" and into numbers; repeat of 2130z 5449kHz, better reception on this QRG. Recording and complete transcript available. |
| 4484.0 | E07 | 01182007 | 2151 | AM | Very short (null?) msg 14 seconds after start tones. Recording available. Strong and clear S9+40 |
| 5424.0 | XPA | 01192007 | 2100 | AM | Very short (null?) msg 14 seconds after start tones. Repeat of 2120z 4968kHz? QRM by digital signals. |
| 4968.0 | XPA | 01192007 | 2120 | AM | Very short (null?) msg 14 seconds after start tones. Repeat of 2120z 4968kHz / 2100z 5424kHz ? Strong S9+40 |
| 4473.0 | XPA | 01192007 | 2140 | AM | i/p. Weak and hardly readable, QRM/noise |
| 4461.0 | E10 | 01192007 | 2151 | AM | "287 oblique 0 0" repeated until 1635z, then "out" (null msg). Strong 9+10..+40. Recording available. |
| 4181.0 | E11 | 01212007 | 1630 | USB | 5FG, short zeros. Suddenly picking up speed in transmission. Weak signal increasingly drowned in (local) noise, end of transmission could not be determined. Suspected M10 due to frequency. |
| 4030.0 | M10? | 01212007 | 1642 | CW | just audible mixing with different BC stations |
| 4880.0 | E10 | 01212007 | 1833 | AM | "690 690 690 00000" (null msg), ending 1937z. Weak modulation, strong local noise. Recording available. |
| 4570.0 | E06 | 01212007 | 1930 | AM | "JSR2" noise, local QRM |
| 5090.0 | E10 | 01222007 | 2102 | AM | i/p, fast presentation. Strong interferences, mostly not readable, slightly better in USB |
| 4460.0 | E10 | 01222007 | 2110 | AM | i/p 5FG with short zeros, ending at 1817z "0 0 0 ". Recording and transcript of end available. |
| 4025.0 | M45 | 01232007 | 1812 | CW | i/p, at 1847 gongs and IS. Good signal up to S9+10 |
| 5746.0 | E03 | 01232007 | 1847 | USB | i/p; some QSB, interference, statics intermittent carrier and short beep before start of message at 1820z. Calling "788 788 788 1", then "70? 25 70? 25"; ending at 1826z "000 000". Strong interference by carrier and broadcast splatter, mostly unreadable. |
| 5090.0 | E10 | 01232007 | 2038 | AM | repeat of 5836 kHz 1820z "788 788 788 1", the "702 35 702 35". QSB and local noise, mostly unreadable. |
| 5836.0 | E07 | 01242007 | 1818 | AM | |
| 4893.0 | E07 | 01242007 | 1840 | AM | |

| | | | | | |
|--------|-----|----------|------|----|--|
| 6892.0 | E07 | 01242007 | 2058 | AM | strong carrier with short 1200 Hz beep before start of message at 2100. "887 887 887 0 0 0" (null msg) until 2102. Very good, clear signal S 9+30. Recording available. |
| 5896.0 | E07 | 01242007 | 2110 | AM | carrier on at 2110z; at 2120z "887 887 887 0 0 0" repeat of null msg on 6892 kHz 2100z. Very strong signal S9 - 9+40 "tri dwa tri (323)", at 1746 into message 5FG. Ending at 1853z "33 33 0 0 0". Signal S7 with QSB, but strong interferences, mostly unreadable. Recording (excerpt) available. |
| 3823.0 | S21 | 01252007 | 1843 | AM | "436 436 ...", "713 713 31 31 04664 31104 97132 98527 02890 ...". Carrier on before msg. SSB station, local growling and rasping noise, QSB and static; some groups nearly diminishing in noise. Recording and transcript available. S9..9+30 with noise. |
| 4792.0 | G06 | 01262007 | 1930 | AM | Carrier on before message. Very short (14 seconds) message. Strong S9+20 .. S9+40. Recording available. |
| 5424.0 | XPA | 01262007 | 2100 | AM | Repeat of 5424 2100z |
| 4968.0 | XPA | 01262007 | 2120 | AM | Repeat of 5424 2100z, 4968 2120 |
| 4473.0 | XPA | 01262007 | 2140 | AM | "788 788 788 1", "733 66 733 66 00537 03516 12154 80398 97995 ..." 1800-1807z carrier interference, 1809z till end of message at 1809z digital noise. S7..9+20, but weak modulation again. Recording and transcript available. |
| 6774.0 | E07 | 01282007 | 1800 | AM | Carrier on before message, some tuning beeps. Repeat of 6774 1800z "788 788 788 1". BC station (Kiev in German) in background, interferences. |
| 5836.0 | E07 | 01282007 | 1820 | AM | Repeat of 6774 1800z, 5836 1820z. Weak, noise. |
| 4893.0 | E07 | 01282007 | 1840 | AM | "PCD2" |
| 3150.0 | E10 | 01282007 | 2303 | AM | i/p |
| 4560.0 | E10 | 01282007 | 2312 | AM | strong local crackle and noise on frequency; also in SSB only few numbers readable. Sounds like "887 887 887 1". unfortunate frequency, too; often strong broadcast splatter; QSB. Better in SSB. "887 887 887 1", "617 29" Repeat of 6892 2100z. |
| 6892.0 | E07 | 01292007 | 2100 | AM | "887 887 887 1", "617 29 617 29 81978 82451 90385 40172 60196 ..." The best QRG tonight. Repeat of 6892 2100z, 5896, 2120z. Recording and transcript available. |
| 5896.0 | E07 | 01292007 | 2120 | AM | Very weak and a lot of local noise (TV interferences) "525 525...", can just read beginning "732 732 33 33 ==". Then into 5FG, too weak to read. //3525kHz |
| 4792.0 | E07 | 01292007 | 2140 | AM | // of 4025 and better here except when hampered by a ham on exactly the same QRG, signal peak S9+20. Ending "26109 26109 58282 58282 = = 732 732 33 33 0 0 0". Recording available. |
| 4025.0 | M45 | 01302007 | 1802 | CW | i/p (missed startup). QSB but mostly good signal and good readable. S7 to (mostly) 9+40. Final "000 000" at 1809z. Recording of last 4.5 minutes available. |
| 3525.0 | M45 | 01302007 | 1813 | CW | "323 323...", at 1846 "332 332 332 33" and into 5FG, ending "0 0 0" at 1853. QSB, noise, too bad to read except a few groups. |
| 6774.0 | E07 | 01312007 | 1804 | AM | very short (nul?) msg 14 seconds. Very strong ans stable signal S 9+40. Recording available |
| 3323.0 | S21 | 01302007 | 1840 | AM | repeat of 5452 2100z. S9+20..40 |
| 5424.0 | XPA | 01302007 | 2100 | AM | repeat of 5424 2100z, 4968 2120z. S9+40. |
| 4968.0 | XPA | 01302007 | 2120 | AM | i/p interference by carrier |
| 4473.0 | XPA | 01302007 | 2140 | AM | i/p |
| 4460.0 | E10 | 01302007 | 2143 | AM | "VLB2" |
| 4880.0 | E10 | 01302007 | 2147 | AM | "788 788 788 1", then "733 66 733 88". (repeat of 6774 1800z.) First groups as far as readable: "00537 03516 121(57) (8035)8 97995 97374 06259..." BC interference/splatter, sometimes SITOR; better in USB; reception becoming weak, at end not readable. |
| 5170.0 | E10 | 01302007 | 2150 | AM | Repeat of 8774 1800z, 5836 1820z. Strong carrier S9+30 but weak modulation, hardly readable in noise. |
| 5836.0 | E07 | 01312007 | 1820 | AM | |
| 4893.0 | E07 | 01312007 | 1840 | AM | |

Thanks Jochen and all his correspondents, also DanielE2kde for sending his logs.

VOICE STATIONS

PoSW kindly opens our Voice Stations column with very valid comment that he expands on elsewhere in this newsletter:

Number station activity continues in 2007 with most of the established schedules still active although I have lost track of the Saturday 1600z S06 schedule which I had been tracking throughout most of 2007.

The G06 German YL is still with us, the first Monday in the month 1900 + 2000z schedule using the same frequencies as in 2006, as are the twice a month 1830z Thursday and 1930z Friday schedules. The Saturday G06 has turned up again, heard several times in Jan and Feb at 2200z on 4,441 KHz.

The related E06 English language schedules have made it into 2007, both the long established male voice and the female version of which I only know one schedule, Thursdays at 0800z; I last had the chance to hear this one when I was "snowed in" on 8-Feb-07 on 11,170 KHz, still on the the same frequency as in the last two months of 2006.

E03/E03a [X]

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

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

E06 [IA]

The following was inserted into NL38 as aFLASH message: RNGB writes, "Confirmed a new E06 sked tonight. I think it possibly replaces the Weds 2100/2200 sked which was not heard last month. (When this new one first appeared). It is 1st and 3rd Mondays at 2000/2100z and this month frequencies 5265/4542kHz with ID 512 nul message.

January E06 log and analysis from RNGB: A fairly quiet month with no extra or special traffic reported.

Not heard any reports from E06 Thursday mornings at 0500/0600 I think the frequencies will be very high and not audible in Western Europe. Maybe we will start to hear them next month as the daylight hours increase.

| | | | | |
|-------------|------|------|---------------------------------------|---------|
| Mon 1st Jan | 2000 | 5265 | '512' 00000 | |
| | 2100 | 4542 | '512' 00000 | |
| Weds 3rd | 1405 | 8020 | '457' 00000 | |
| | 1505 | 6830 | '457' 00000 | |
| Thurs 4th | 2030 | 4836 | '321' 145 28 52858 69571 24869 etc | also AF |
| Fri 5th | 2130 | 4760 | '472' 145 28 as above | |
| Tues 9th | 2000 | 6780 | '826' 00000 | |
| | 2100 | 5420 | '826' 00000 | |
| Weds 10th | 1500 | 7680 | '192' 750 213 23432 82205 37428 etc | |
| | 1600 | 5190 | '192' repeat | |
| Sun 14th | 1830 | 5805 | '690' 00000 | |
| Thurs 18th | 2030 | 4836 | '321' 145 28 52858 69571 etc | |
| Weds 24th | 1500 | 7680 | '192' 750 213 23432 82205 37428 etc | |
| | 1600 | 5190 | '192' repeat | |
| Thurs 25th | 2100 | 5785 | '812' 00000 | |
| | 2200 | 4487 | '812' 00000 (moved from 4480 due QRM) | |

| | | |
|---------------|---|-----|
| 5815kHz 1830z | 07/01[690 690 690 00000]IW | SUN |
| 4570kHz 1930z | 14/01[690 690 690 00000] An early start this week at 1929z and no distortion on the signal either. IW | SUN |
| 6780kHz 2000z | 23/01 [826 00000] FN | TUE |

| | | |
|---------------|--|------|
| 4570kHz 1930z | 07/01[690:00000] AF | Sun |
| 1930z | 14/01[690:00000] very weak AF | Sun |
| 1930z | 28/01[690:00000] AF | Sun |
| 4760kHz 2130z | 19/01[472 145 28 52858...] like yesterday AF | Fri |
| 4836kHz 2030z | 18/01[312 145 28 52858...] AF | Thur |
| 4893kHz 1930z | 21/01[690:00000]AF | Sun |
| 5815kHz 1830z | 07/01[690:00000]AF | Sun |

For February: RNGB writes: A fairly quiet month for E06 with just the usual scheduled traffic noted. The only exception was ID 203 on Weds 21st on 4035 kHz.

I had noticed a very strong carrier on that frequency just before 2000 and parked a receiver on it in the hope that something might come up. I was rewarded with E06 starting at 2015 with '203' 00000 until 2019. I expect this was a repeat of a transmission at 1915 in 5MHz band.

Nothing has been heard of the December /January sked on Mondays at 2000/2100, so it is possible that the one found on Weds at 2015 may be a replacement.

Nothing heard from ID 705. Maybe it only appears when it has message traffic?

February log:-

| | | | | |
|-------------|------|------|---|--|
| Fri 2nd Feb | 2131 | 4760 | '472' 916 25 42841 82904 02928 etc (all groups read slowly) | |
| Sun 4th | 1830 | 5380 | '690' 00000 | |
| | 1930 | 4465 | '690' 00000 | |

| | | | |
|------------|------|------|---|
| Weds 7th | 1405 | 9070 | '457' 00000 |
| | 1505 | 7890 | '457' 00000 |
| Tues 13th | 2000 | 6840 | '190' 00000 |
| | 2100 | 5360 | '190' 00000 |
| Weds 14th | 1500 | 9220 | '604' 285 163 97377 09409 41794 etc |
| | 1600 | 7710 | '604' repeat |
| Fri 16th | 2130 | 4760 | '472' 916 25 42841 82904 02928 etc (all groups read slowly) |
| Sun 18th | 1830 | 5380 | '690' 00000 |
| | 1930 | 4465 | '690' 00000 |
| Weds 21st | 2015 | 4035 | '203' 00000 |
| Thurs 22nd | 2100 | 5780 | '647' 00000 |
| | 2200 | 4630 | '647' 00000 |
| Tues 27th | 2000 | 6840 | '190' 00000 |
| | 2100 | 5360 | '190' 00000 |
| Weds 28th | 1600 | 7710 | '604' 178 253 groups |

Now onto PoSW's logs and analysis of the E06 English Lady transmissions. Note Peter's mention of the E06 YL.....

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

7-Jan-07;- 1830 UTC, 5,815 KHz, "690 690 690 00000", S9 signal with slight QRM sideband splash from broadcast station in 49 metre band. Similar frequency used in January last year, although I only managed to find it on the last Sunday in Jan. '06 when it was on 5,823.

1930 UTC, 4,570 KHz, second sending, strong signal but speech distorted and breaking up of the audio; a similar effect was observed on last Sunday's second sending, 31-Dec-06, on 4,515 KHz.

14-Jan-07;- 1830 UTC, 5,805 KHz, "690 690 690 00000", weak signal with BC sideband splash QRM.

1930 UTC, 4,570 KHz, second sending peaking S9+; no sign of the breaking up of audio noted last Sunday.

21-Jan-07;- 1830 UTC, 5,820 KHz, "690 690 690 00000", difficult copy, not found until over a minute into the transmission, has moved onto the same frequency as a strong broadcast station, sounded like Polish language.

1930 UTC, 4,570 KHz, second sending, very weak signal only just readable; compare and contrast with last Sunday when it was S9+.

28-Jan-07;- 1830 UTC, 5,820 KHz, only just audible under S9++ broadcaster, "690 690 690 00000".

1930 UTC, 4,570 KHz, second sending, strong signal but some crackling noises and breaking up of audio during the first minute of transmission.

4-Feb-07;- 1830 UTC, 5,380 KHz, "690 690 690 00000", signal strength S9.

1930 UTC, 4,465 KHz, second sending, still some transmitter problems here, broke up and vanished a couple of times during the four minutes. Continuing the established pattern, same frequencies as in February 2006.

11-Feb-07;- 1830 UTC, 5,380 KHz, "690 690 690 00000". Not much trade for poor old "690" in recent weeks! S9 signal with unusually deep, crisp modulation.

1930 UTC, 4,465 KHz, second sending, S9+ with the same deep mod. noted on the first sending. No sign of any transmitter problems this week!

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

I got somewhat out of touch with this one during the depths of winter, I logged it on 7-Dec-06 on 4,836 KHz but managed to miss possible sendings later in December and in January. However, contact re-established on the first Thursday in February although it was a somewhat unusual, not to say bizarre, kind of transmission:-

1-Feb-07;- 2036 - and 35 - seconds UTC, 4,836 KHz; a carrier had been observed on 4,836 at around 2020z which seemed likely to be the 2030z Thursday E06. 2030z came and went with no sign of a voice but well after 2036z the E06 OM started up calling "321" but at a faster pace and higher pitched voice than usual, like a tape recording running too fast. The voice stopped just before 2038z, then a minute of plain carrier when the voice started up again with "0-1-2-3-4 4-5-6-7-8-9-0", two "4"s in the middle and a "0" at each end, repeated many times. This routine went on until after 2043z when there was plain carrier until 2044z when the voice came back with "00000", carrier stayed on for another minute or so - and that was it! So what was that all about then, eh Ivan?

15-Feb-07;- 4,836 KHz, a straightforward E06 with none of the nonsense observed on 1-Feb. Started on the half hour calling "321", DK/GC "916 916 25 25", same message as heard on Friday 2-Feb, see below. Normal pitched voice and speed of delivery, ended after 2039z with DKDK GCGC and 5 x slow "zero".

First and Third Fridays in the Month, 2130 UTC Schedule:-

22-Dec-06;- 4,760 KHz;- started 15 seconds before the half hour, calling "472", DK/GC "651 651 26 26", same as when last heard on 8-December.

19-Jan-07;- 4,760 KHz, same frequency as in December, call "472", DK/GC "145 145 28 28", shortish message as always seems to be the norm with this one, ended before 2140z with DKDK GCGC and 5 x slow "zero".

2-Feb-07;- 4,760 KHz, carrier was warming up the frequency at 2107z, I wondered if this was going to be the same strange transmission as yesterday's 2030z effort, see above. But no worries! Although the call-up continued on well past 2134z it was a normal E06, call "472", DK/GC "916 916 25 25".

16-Feb-07;- 4,760 KHz, started approx. 10 seconds before the half-hour, carrier was up 2109z. Call "472", DK/GC "916 916 25 25", same as on 2-Feb.

A Tuesday Schedule:-

9-Jan-07;- 5,420 KHz, this one heard off to one side while monitoring the first sending of the Tuesday XPA polytone on 5,424 KHz. The distinctive "3-3-3-5" rhythm at first seemed to be on the XPA signal then realised it was coming from 4 KHz lower. "826 826 826 00000". Not heard on the following Tuesday, the 16th.

23-Jan-07;- 5,420 KHz, "826 826 826 00000" again.

E06 with YL Voice:-

There is an E06 format number station with a female voice instead of the standard OM. I only know of one schedule, Thursdays at 0800 UTC on 11,170 KHz and I am only able to monitor it every once in a while. Was logged in November and December '06 and has continued into 2007:-

18-Jan-07;- 0800 UTC, 11,170 KHz;- calling "674", very weak signal, unable to make out the DK/GC or 5F groups. Ended after 0805z. Carrier with tone was up at 0740z this morning, "674" spoken a couple of times 0748z. Was a reasonable signal at this time but had become much weaker by start-up on the hour.

8-Feb-07;- 0800 UTC, 11,170 KHz;- I was able to listen this morning for one reason and for one reason only;- a couple of inches of overnight snowfall meant that no road traffic was moving in my part of the world and I was unable to get to work. It doesn't take much to shut down everyday life in the U.K.! So a chance to look for early morning number stations, then! This YL version of E06 still on in February. Same frequency as the last three months. Calling "674", DK/GC "295 295 8 8", much stronger signal than on previous loggings, up to S8, lower sideband well suppressed. The eight 5F groups were, "54529 44590 31684 55716 45233 53752 26455 82742". Ended just before 0806z with DKDK GCGC and "00000".

[Txn Peter]

Finally two E06 log s- a pleasure to include from Group as put in the exact standard we like [Thanks Sam and IW]

7710kHz 1604z 15/02

THUR

604 rptd 285 163

97377 09409 41794 07958 30432 59791 10793 45091 19472 69809 39403 89377
64587 07767 70275 97948 06765 70191 58953 01268 29538 00882 92384 59428
96715 25327 48973 27957 55992 46713 06808 87638 01060 11713 97822 52382
40927 70202 46346 55342 40209 67368 24251 02180 63640 30217 94626 56148
64306 21055 70262 16574 68861 98180 50408 62190 02309 11715 06479 26521
04330 12966 42162 57152 10740 45388 13879 60676 20027 24150 58840 41031
73717 36516 31421 20303 22847 78990 06850 87964 62139 04540 28798 65846
91098 79272 05001 98847 06103 69771 84844 54866 53365 46938 41027 78289
67208 62998 76757 17260 49058 57520 43578 46763 30209 56957 18508 27227
17239 94296 17745 74363 98152 39430 06480 29191 99149 22193 19836 00199
04365 78765 25299 21965 52811 16522 10988 58260 79122 71704 43845 40872
21722 65305 92503 30723 35811 97954 42671 13241 66365 45087 11556 42219
80466 11537 22313 73553 88213 02114 79096 32664 09400 35389 16607 41683
83436 56313 86936 39346 83184 81204 11359 285 285 163 163 00000 eom 1632

5380kHz 1830z 25/02 E06 "690 690" call up then

347 165

77915 15762 08466 32635 02128 34890 90619 63478 94992 62532
64192 86452 87413 80601 10162 55766 34429 86093 31898 41589
04059 26807 71878 36888 08798 72954 48590 84960 08943 35886
14487 90444 81013 37000 54309 04021 74354 41215 29772 22696
29225 88231 08292 98865 76666 52753 67950 67949 25853 83826
35432 72379 36918 54708 34171 27087 07624 69512 25773 24724
31223 58866 90997 09688 49607 26239 11095 16185 52828 00461
92562 25874 48159 60845 36158 56833 83507 58372 77458 09942
23144 18480 71786 17213 35651 67644 72561 26328 90214 16080
24212 09229 35503 69449 87208 93801 75435 49685 36783 25618
28240 41978 83678 93095 37744 14979 56230 38836 81479 45161
70325 60437 35405 81032 02169 58117 08695 29967 55732 89114
89771 03429 02847 85384 67032 00850 36288 81328 51957 21757
04539 45670 15791 03975 17424 80110 01980 82055 93282 48039
51250 99520 96160 88762 57104 49313 96263 50202 49426 53672
83059 58739 42630 22761 75893 68650 25064 08715 61915 98841
20446 54076 66879 53852 41670

347 165 00000

[Txn IW]

E07 [IB]

PosW's logs and analysis for Jan/Feb, followed RNGB's E07 logs and analysis for January and other supporting logs:

The E07 English language continues with the long established schedules. i.e Sunday + Wednesday starting at 1800 UTC, Monday + Wednesday starting at 2100 UTC and Thursday starting at 2110 UTC. Frequencies used are as in the same month in 2006 with the exception of Thursday's transmission which vanished in the early autumn and was discovered again in November 2006 on 6,777 and 5,449 KHz plus, in the case of a "full message" 4,483 KHz - and not 4,883 as I typed in error last time - these frequencies also used in December '06, January '07 and continue to be used in February.

Sunday + Wednesday Schedule:-

7-Jan-07, Sunday;- 1800 UTC, 6,774 KHz, "788 788 788 000", very low mod, only just audible.

1820 UTC, 5,836 KHz, second sending, very low mod, could just make out the "zero zero zero."

Same frequencies as in January last year; third sending in event of a "full message" should be 1840z, 4,893 KHz.

14-Jan-07, Sunday;- 1840 UTC, 4,893 KHz, third sending thanks to a full message, missed first two, "788 788 788 1", DK/GC "702 35" x 2. Strong signal with better than usual mod.

28-Jan-07, Sunday;- 1800 UTC, 6,774 KHz, "788 788 788 1", DK/GC "733 66" x 2, S9 signal with reasonable mod.

1820 UTC, 5,836 KHz, second sending, difficult copy due to interference from BC stations inside 49 metre band.

1840 UTC, 4,893 KHz, third and the best sending, strong signal with good audio.

4-Feb-07, Sunday;- 1800 UTC, 7,697 KHz, "689 689 689 1", DK/GC "733 66" x 2.

1820 UTC, 6,863 KHz, second sending.

1840 UTC, 5,938 KHz, third sending, almost unreadable due to interference from broadcast stations inside 49 metre band. These frequencies were also used for this schedule in February 2006.

14-Feb-07, Wednesday;- 1820 UTC, 6,863 KHz, "689 689 689 1", DK/GC "733 66" x 2, second sending, same message as at the start of the month.

Monday + Wednesday Schedule:-

3-Jan-07, Wednesday;- 2100 UTC, 6,892 KHz, "887 887 887 000", strong carrier, mod. low but readable.

2120 UTC, 5,896 KHz, second sending, inside 49 metre band so BC interference. These frequencies used in January last year, third sending in event of "full message" should be 2140z, 4,792 KHz.

8-Jan-07, Monday;- 2100 UTC, 6,892 KHz and 2120 UTC, 5,896 KHz, "887 887 887 000", both with better than usual modulation.

15-Jan-07, Monday;- 2100 UTC, 6,892 KHz;- "887 887 887 1", DK/GC "482 23" x 2, strong signal with reasonable mod. Short message, all done by 2105z.

2120 UTC, 5,896 KHz, second sending with usual BC QRM and 2140 UTC, third sending on 4,792 KHz as expected, S9+ signal.

22-Jan-07, Monday;- 2120 UTC, 5,896 KHz, "887 887 887 000", second sending, strong signal with better than usual modulation.

7-Feb-07, Wednesday;- 2100 UTC, 6,931 KHz, strong signal with good mod., and 2120 UTC, 5,928 KHz also a good signal over-riding broadcasters - again - in 49 metre band. Same frequencies used in February last year, third sending in event of a "full message" should be 2140z, 4,894 KHz.

12-Feb-07, Monday;- 2100 UTC, 6,931 KHz, "998 998 998 000", S9+ signal with better than usual mod.

Thursday Schedule:-

11-Jan-07;- 2110 UTC, 6,777 KHz and 2130 UTC, 5,449 KHz, "744 744 744 000", no change of frequencies from those used in the past two months then - that's a bit unusual, that is.

18-Jan-07;- 2110 UTC, 6,777 KHz, "744 744 744 1", eyes down for a "full message", DK/GC "877 45" x 2.

2130 UTC, 5,449 KHz, second sending.

2150 UTC, 4,483 KHz, "744" and "877 45" for the third time.

25-Jan-07;- 2110 UTC, 6,777 KHz, "744" and "877 45", as heard last week.

2135 UTC, 5,449 KHz, second sending in progress, just a kaycee down from RAF VOLMET which was somewhat stronger than usual and had the edge on E07 this evening.

2150 UTC, 4,483 KHz, third sending.

1-Feb-07;- 2110 UTC, 6,777 KHz and 2030 UTC, 5,449 KHz, no change of frequencies, "744 744 744 000".

8-Feb-07;- 2110 UTC, 6,777 KHz and 2030 UTC, 5,449 KHz, "744 744 744 000", both sendings strong signals with good mod.

Now, from RNGB which bears out PoSW's mention of poor Jan sigs:

Not a particularly easy month [Jan] to hear E07.

Much QRM on most frequencies and not helped by poor modulation.

Haven't heard any extra E07 transmissions in the mornings.

The Thursday 2110 sked still using last month's frequencies. Maybe they'll change every 3 months?

| | | | |
|--------------|------|------|-----------------------------------|
| Weds 3rd Jan | 1800 | 6774 | '788' 1 702 35 33277 80818 etc |
| | 1820 | 5836 | '788' repeat |
| | 1840 | 4893 | '788' repeat |
| | 2100 | 6892 | '887' 000 |
| Thurs 4th | 2110 | 6777 | '744' 000 |
| Mon 8th | 2100 | 6892 | '887' 000 |
| | 2120 | 5896 | '887' 000 |
| Weds 10th | 1800 | 6774 | '788' 000 |
| Thurs 11th | 2110 | 6777 | '744' 000 |
| Mon 15th | 2100 | 6892 | '887' 1 482 23 80758 96980 etc |
| | 2120 | 5896 | '887' repeat |
| | 2140 | 4893 | '887' repeat |
| Thurs 18th | 2150 | 4483 | '744' with 1 message (not copied) |
| Sun 21st | 1820 | 5836 | '788' 1 702 35 33277 80818 etc |
| | 1840 | 4893 | '788' repeat |
| Weds 24th | 1800 | 6774 | '788' 1 702 35 33277 80818 etc |
| Thurs 25th | 2110 | 6777 | '744' 1 877 45 90219 etc |
| | 2130 | 5449 | '744' repeat |
| | 2150 | 4483 | '744' repeat |

| | | | |
|---------------|--|----------|-----|
| Sun 28th | 1800 6774 '788' 1 733 66 00537 03516 12154 etc | | |
| 4790kHz 2140z | 15/01 - calling 827 / 1 - S6 | DQ&RNGB | MON |
| 2140z | 29/01 good copy | AF | MON |
| 4893kHz 1840z | 17/01[788 1 702 35] low modulation but good signal (Off Sweden internet radio) TomH us | | WED |
| 1840z | 21/01[788 1...] | AF | SUN |
| 1840z | 28/01[788 1...] | AF | SUN |
| 5836kHz 1820z | 03/01[788 1 ...] | AF | WED |
| 5893kHz 2120z | 15/01 - calling 887 / 1 - bad | DQ&RNGB | MON |
| 2120z | 29/01 | AF | MON |
| 5896kHz 2120z | 23/01 as per prediction | HJH | TUE |
| 6774kHz 1806z | 17/01[788 1 702 35] poor modulation (Off Sweden internet radio) TomH us | | WED |
| 6892kHz 2100z | 15/01[887 1 482 23] | FN &RNGB | MON |
| 2100z | 15/01[887 1 482 23] | FN | MON |
| 8183kHz 1800z | 03/01[788 1 ...] | AF | WED |

FEBRUARY:

RNGB's E07 log February:-

| | | |
|-------------|--|--|
| Fri 2nd Feb | 1300 8117 '263' 1 328 51 20202 etc | |
| | 1320 6917 '263' repeat | |
| Sun 4th | 1800 7697 '689' 1 733 66 00537 03516 12154 etc | |
| | 1820 6863 '689' repeat | |
| | 1840 5938 '689' repeat | |
| Sun 18th | 1800 7697 '689' 1 256 97 97181 81106 25706 etc | |
| Weds 21st | 1800 7697 '689' 1 256 97 97181 81106 25706 etc | |
| | 2100 6931 '998' 1 261 23 24415 29426 etc | |
| | 2120 5928 '998' repeat | |
| | 2140 4894 '998' repeat | |
| Thurs 22nd | 2110 6777 '744' 1 427 48 47402 52658 74310 etc | |
| | 2130 5449 '744' repeat | |
| | 2150 4483 '744' repeat | |

Other logs:

| | | |
|---------------|---|-----|
| 5938kHz 1840z | 11/02[689 1 733 66] BC QRM MalcF, mndbs | SUN |
| 6863kHz 1820z | 11/02[689 1 733 66]Local Noise evident MalcF, mndbs | SUN |
| 7697kHz 1800z | 11/02[689 1 733 66]Local Noise evident MalcF, mndbs | SUN |

E10 [O]

E10 Desk For Jan 07

Frequencies in use (USB) + Callsigns

| | |
|------|-------------|
| 2743 | ULX2 |
| 3270 | MIW2 |
| 3360 | VLB2 |
| 3415 | ART |
| 3557 | CIO2 |
| 3640 | SYN2 |
| 3840 | YHF-1 |
| 4270 | PCD-1 |
| 4461 | FTJ |
| 4648 | SYN2 |
| 4780 | COI2 |
| 4880 | ULX * ULX2 |
| 5091 | JSR * JSR2 |
| 5170 | VLB2 |
| 5230 | MIW2 * VLB2 |
| 5339 | KPA2 |
| 5435 | ART * ART2 |
| 5437 | ART |
| 5820 | YHF * YHF2 |
| 6270 | ULX2 * ULX |
| 6428 | ABC |
| 6498 | PCD * PCD2 |
| 6575 | HNC-Z |
| 6840 | EZI2 * EZI |
| 6842 | EZI |
| 7322 | FTJ |
| 7358 | FTJ |

7540 JSR
 7760 ULX * ULX2
 7918 YHF2
 9130 EZI * EZI2

Special Strings Heard/Reported During Jan 07

Nil Reported or Heard as at 31 Jan 06. (8th month in a row)

Other Recorded Activities & Comments

30/12 1730hrs 9130 EZI G81 SHIHS
 01/01 1530hrs 7540 JSR G81 UEWSM R
 01/01 1530hrs 6270 ULX2
 01/01 1546hrs 5170 VLB2
 01/01 1617hrs 5230 MIW2
 03/01 2100hrs 5091 JSR2
 03/01 2101hrs 5435 ART2
 03/01 2101hrs 5820 YHF2
 03/01 2130hrs 6498 PCD2
 03/01 2130hrs 4880 ULX2
 03/01 2131hrs 5435 ART2
 03/01 2132hrs 5820 YHF2
 03/01 2200hrs 5435 ART G28 SPYWE
 03/01 2201hrs 6842 EZI G74 ESSBD R
 03/01 2230hrs 9130 EZI G? EEPVP
 03/01 2230hrs 5435 ART G39 ITBVZ
 03/01 2230hrs 7918 YHF2
 04/01 1900hrs 4270 PCD1
 04/01 2300hrs 5435 ART G157 XYIUX R
 04/01 2301hrs 6270 ULX G75 RTVKZ R
 04/01 2330hrs 6840 EZI G81 SHIHS R
 05/01 0001hrs 5435 ART G17 HZJZF R
 05/01 0016hrs 5230 MIW2 / 5339 KPA2
 05/01 0030hrs 6498 PCD2
 05/01 0046hrs 4648 SYN2 / 4780 CIO2 / 5170 VLB2
 05/01 0100hrs 5435 ART2
 05/01 0101hrs 6270 + 7760 ULX G50 KJAIT
 05/01 1900hrs 3840 YHF G15 ZBKHKQ (Credit Manolis)
 05/01 1930hrs 5820 YHF2 / 6270 ULX2
 05/01 1931hrs 4270 PCD G9 DSCFI (Credit Manolis)
 05/01 2130hrs 6498 PCD2
 05/01 2330hrs 6840 EZI G81 SHIHS R
 05/01 2345hrs 5230 VLB2 (Norm MIW2 Freq)
 06/01 0001hrs 5435 ART G17 HZJZF R
 06/01 2100hrs 6498 PCD G38 OEOTX R
 06/01 2116hrs 5230 MIW2 + 5339 KPA2
 06/01 2200hrs 5435 ART G25 SPYWE R
 06/01 2201hrs 6842 EZI G74 ESSBD R
 07/01 1630hrs 6948 PCD G157 PAHWQ R
 07/01 1935hrs 5091 JSR G33 QRLLP
 07/01 2302hrs 4560 YHF G44 ZPOXE
 07/01 2303hrs 4880 ULX G75 RTVKZ R
 07/01 2330hrs 6840 EZI G81 SHIHS R
 08/01 1900hrs 3840 YHF-1 (Credit Alpha)
 08/01 2033hrs 5435 ART G24 XISTI
 08/01 2100hrs 6498 PCD G38 OEOTX R
 08/01 2300hrs 5435 ART G157 XYIUX R
 08/01 2303hrs 4880 ULX G75 RTVKZ R
 08/01 2330hrs 5435 ART2
 09/01 2117hrs 3270 + 5230 MIW2
 09/01 2201hrs 6842 EZI G74 ESSBD R
 10/01 0001hrs 5435 ART G17 HZJZF R
 10/01 2030hrs 6840 EZI G43 LUBIH + G94 BCJHV?
 10/01 2031hrs 4880 ULX2
 10/01 2046hrs 6840 EZI inprogress when swamped by another English speaking transmission E27? (Have Recording)
 10/01 2103hrs 5435 ART2
 10/01 2104hrs 6498 PCD G38 OEOTX R
 11/01 0032hrs 4480 ULX G50 MMFVX
 11/01 0038hrs 5437 ART G25 PQQQN R
 11/01 0100hrs 6840 EZI2
 11/01 0104hrs 7760 ULX G53 KJAIT R
 11/01 0115hrs 5230 MIW2 + 5339 KPA2
 11/01 0132hrs 5435 ART G17 HZJZF R
 11/01 0135hrs 7918 YHF G43 IFSJP R
 11/01 0145hrs 5170 VLB2
 11/01 0145hrs 4780 CIO2
 11/01 0145hrs 4648 SYN2
 11/01 1700hrs 6270 ULX G47 PQYEP R
 11/01 2031hrs 6840 EZI G43 LUBIH / G94 BCJHV R

| | |
|--|--|
| 11/01 2330hrs 6840 EZI G81 SHIHS | R |
| 12/01 2030hrs 7322 FTJ G32 CGDIQ | |
| 12/01 2104hrs 6498 PCD G38 OEOTX | R |
| 13/01 2330hrs 6840 EZI G81 SHIHS | R |
| AWOL FAMILY PROBLEMS | |
| 17/01 1530hrs 7540 JSR G81 UEWSM | R |
| 17/01 2332hrs 6840 EZI G51 ZBZAB | |
| 20/01 0032hrs 4480 ULX G50 MMFVX | R |
| 20/01 0034hrs 5437 ART G25 PQKQN | R |
| 20/01 0046hrs 5170 VLB2 | |
| 20/01 0101hrs 5435 ART2 | |
| 20/01 0102hrs 4461 FTJ G76 PHYIZ | R |
| 20/01 0116hrs 5339 KPA2 | |
| 20/01 0116hrs 5230 MIW2 | |
| 20/01 0134hrs 5435 ART G17 HZJZF | R |
| 20/01 0135hrs 7918 YHF G43 IFSJP | R |
| 24/01 0138hrs 6428 ABC | (Still ongoing at 0320hrs c/s only) |
| 24/01 1520hrs 6428 ABC | (Credit Manolis) |
| 24/01 1800hrs 6840 EZI G88 JCOCC + G31 EQJOL | (Credit Alpha Vax) |
| 25/01 2013hrs 2743 ULX2 | (Unusual timings extended call) |
| 25/01 2118hrs 5339 KPA2 | |
| 25/01 2303hrs 6270 ULX G75 RTVKZ | R |
| 27/01 1500hrs 6575 HNC-Z | (Credit Fritz Nusser & at 1600hrs Sam) |
| 27/01 1635hrs 5091 JSR G26 CEFJT | |
| 28/01 2030hrs 9130 EZI G96 OXWYB + G27 HSBGY | (Credit Alpha Vax) |
| 29/01 0130hrs 9130 EZI G96 JJIFJ + G29 NKWPM | (Credit Alpha Vax) |
| 29/01 1530hrs 7540 JSR G81 UEWSM | R |
| 29/01 1530hrs 7760 ULX2 | |
| 29/01 1700hrs 6840 EZI G95 BGMRH + G32 GQNHI | (Credit Alpha Vax) |
| 29/01 1830hrs 9130 EZI2 | |
| 29/01 1832hrs 6270/4880 ULX G43 HZJOL | |
| 29/01 1845hrs 5170 VLB2 | |
| 29/01 2015hrs 5339 KPA2 | |
| 29/01 2330hrs 6840 EZI G51 ZBZAB | R |
| 30/01 0001hrs 5435 ART G17 FZJZF | |
| 30/01 0030hrs 6498 PCD2 | |
| 30/01 2030hrs 6840 EZI G25 MNBCS | |
| 31/01 2104hrs 6498 PCD G38 OEOTX | R |
| 31/01 2131hrs 6498 PCD2 | |

R= Repeat Message

Once again there would appear to be no Special Strings reported, this now being the 8th consecutive month and following on from last month no run of extended calls from CIO2,VLB2,SYN2,KPA2 & MIW2 which was the norm over the last few years. Also this month lots of long running repeats with some very long group messagers EZI being a major contributor over the last few days (Credit Alpha Vax). ABC broke its silence on the 24th and transmitted for much of that day, its callsign but nothing further. Likewise HNC-Z on the 27th.

I have recently purchased a WinRadio 313i Professional Receiver which fits inside the computer. It has replaced my PCR1000 scanner as the main machine. The purchase was made through Redixon Ltd at Evesham (www.redixon.co.uk) with the very helpful person by the name of Ian (whom I do thank), and in conversation did mentioned he was aware of Enigma 2000.

BMLongfield E10 Desk Jan 07

E10 Desk For Feb 07

Frequencies in use (USB) + Callsigns

| | |
|-------|--------------------|
| 2743 | ULX |
| 3150 | PCD2 * PCD1 |
| 3270 | MIW2 |
| 3360 | VLB2 |
| 3415 | ART |
| 4461 | FTJ |
| 4780 | CIO2 |
| 4880 | ULX2 * ULX * ULX-1 |
| 5091 | JSR * JSR2 |
| 5170 | VLB2 |
| 5230 | MIW2 * KPA2 |
| 5339 | KPA2 |
| 5435 | ART * ART2 * ART-1 |
| 5820 | YHF-1 |
| 6210 | FDU * FDU-M |
| 6270 | ULX2 * ULX |
| 6498 | PCD2 * PCD |
| 6840 | EZI * EZI2 * EZI-1 |
| 6842 | EZI |
| 7322 | FTJ |
| 7358 | FTJ |
| 7540 | JSR |
| 7760 | ULX |
| 9130 | EZI * EZI-1 |
| 9202 | YHF2 |
| 11565 | EZI2 |

Special Strings Heard/Reported During Feb 07

Nothing to report. (9th month) As at the 25th Feb 06

Other Recorded Activities & Comments

1/2 2130hrs 5091 JSR G17 MSYQV
1/2 2216hrs 5230 KPA2 for 4mins then MIW2 till 2222hrs
1/2 2216hrs 5339 KPA2
2/2 0001hrs 5435 ART G17 FZJZF R
2/2 1700hrs 6840 EZI G95 BGMRH + G32 GQNH I R
2/2 1732hrs 5435 ART G18 NBJPZ
2/2 1800hrs 6840 EZI G88 JCOCC + G31 EQJUL
2/2 1832hrs 9202 YHF2
2/2 1832hrs 11565 EZI2
2/2 1832hrs 6270 ULX G43 HZJHL
2/2 2330hrs 5435 ART2
3/2 1800hrs 9130 **EZI-1**
3/2 2201hrs 6842 EZI G74 ESSBD R
3/2 2216hrs 5339 KPA2
3/2 2216hrs 5230 MIW2
3/2 2301hrs 3150 PCD2
3/2 2302hrs 6270 ULX G75 RTVKZ R
4/2 1406hrs 6210 **FDU-M** (SMK)
4/2 1503hrs 6210 **FDU** (SMK)
4/2 2101hrs 4880 ULX G28 GCJAE
4/2 2101hrs 5435 ART2
4/2 2102hrs 5820 **YHF-1**
4/2 2102hrs 5091 JSR2
4/2 2300hrs 3150 PCD2
5/2 2302hrs 6270 ULX G75 RTVKZ R
5/2 2316hrs 5339 KPA2
5/2 2316hrs 3270 MIW2
5/2 2331hrs 5435 ART2
5/2 2332hrs 6840 EZI2
6/2 2302hrs 5435 ART G157 XYIUX R
8/2 0002hrs 5435 ART G17 FZJZF R
8/2 0016hrs 5230 MIW2
8/2 0016hrs 5339 KPA2
8/2 0101hrs 5435 ART2
8/2 0104hrs 7760 + 6270 ULX G53 KJIAT R
8/2 1530hrs 7540 JSR G81 UXVSM
8/2 2032hrs 6840 EZI G167 GZJRP (S&D)
8/2 2102hrs 5820 **YHF-1** (S&D)
8/2 2102hrs 4461 FTJ G167 EHEJN (S&D)
8/2 2118hrs 5230 MIW2 (S&D)
8/2 2119hrs 5339 KPA2 (S&D)
8/2 2132hrs 4880 ULX G91 PWQPM (S&D)
8/2 2132hrs 6498 PCD2
8/2 2149hrs 4648 SYN2
8/2 2201hrs 6842 EZI G74 ESSBD R
8/2 2202hrs 6270 ULX2
10/2 1630hrs 4880 **ULX-1** (Ary B)
10/2 1930hrs 4270 PCD G19 HKFZF
10/2 1932hrs 4880 ULX2
10/2 1946hrs 5170 VLB2
10/2 2100hrs 4560 +5820 **YHF-1** (Ary B)
10/2 2331hrs 5435 ART2
10/2 2334hrs 6840 EZI2
10/2 2346hrs 5170 VLB2
11/2 0017hrs 5230 MIW2
11/2 0018hrs 5339 KPA2
11/2 0031hrs 4880 ULX G50 MMFVX R
11/2 0049hrs 4780 CIO2
11/2 1900hrs 3150 **PCD-1**
11/2 1930hrs 4270 PCD G20 JFCUP
12/2 2301hrs 6270 ULX G75 RTVKZ R
15/2 0002hrs 5435 ART G17 FZJZF R
16/2 2200hrs 6842 EZI G74 XSSBS
17/2 2301hrs 5435 ART G157 XYIUX R
20/2 2301hrs 6270 ULX G75 RTVKZ R
22/2 2200hrs 5435 **ART-1** (S&D)
23/2 0130hrs 6840 **EZI-1** (Alpha)
23/2 1900hrs 3150 PCD G94 NVSVL
23/2 1930hrs 4270 PCD G17 IJCUM
23/2 2116hrs 5230 MIW2
23/2 2116hrs 5339 KPA2
24/2 1700hrs 5435 ART G23 SEGEH
24/2 2130hrs 6498 PCD2

BMLongfield, E10 Desk Feb 07 Thanks for all your input Bob!

E11 [III] H-FD's Updated Ell Chart can be seen in the Charts section [also M03and S11a] – Thanks H-FD.

JANUARY:

| | | | |
|---------|-------|--|-----|
| 4181kHz | 1630z | 01/01 (287/00) FN | MON |
| | 1630z | 02/01 (287/00) FN | TUE |
| | 1630z | 03/01 (287/00) FN | WED |
| | 1630z | 06/01 (287/00) FN | SAT |
| | 1630z | 07/01[287/00] AF | SUN |
| | 1630z | 14/01[287/00] very weak AF | SUN |
| | 1630z | 17/01 [287/00] (off Sweden internet radio) TomH us | WED |
| | 1630z | 27/01[287/00] very good AF | SAT |
| | 1630z | 28/01[287/00] good AF | SUN |
| | 1630z | 30/01[287/00] AF | TUE |
| 7317kHz | 0915z | 02/01 (284/00)FN QRM4 | TUE |
| | 0915z | 03/01 (284/00)FN QRM4 | WED |
| | 0915z | 08/01[284/00] FN | MON |
| 7439kHz | 1230z | 02/01 (312/00) FN | TUE |
| | 1230z | 09/01 (312/00) FN | TUE |
| | 1230z | 16/01[312/00] AF | TUE |
| | 1230z | 19/01[312/00] AF | FRI |
| | 1230z | 23/01 [312/00] MalcF | TUE |
| | 1230z | 26/01[312/00] AF | FRI |
| 7749kHz | 1030z | 02/01 (312/00) FN | TUE |
| | 1030z | 09/01[312/00] AF | TUE |
| | 1030z | 12/01[312/00] AF | FRI |
| | 1030z | 16/01[312/00] AF | TUE |
| | 1030z | 19/01[312/00] AF | FRI |
| | 1030z | 23/01 [312/00] FN | TUE |
| 9339kHz | 1100z | 03/01 (186/00) FN | WED |

FEBRUARY:

Poacher kindly posted to E2k:

E11 "Oblique":
every Tuesday:
1030 UTC - 7749 kHz
1230 UTC - 7439 kHz
1630 UTC - 4181 kHz
every Wednesday:
1100 UTC - 9339 kHz
1630 UTC - 4181 kHz
every Thursday:
0845 UTC - 8800 kHz
1630 UTC - 4181 kHz
every Friday:
0845 UTC - 8800 kHz
1030 UTC - 7749 kHz
1630 UTC - 4181 kHz
every Sunday:
1630 UTC - 4181 kHz

And more logs:

| | | | |
|----------|-------|----------------------------------|------|
| 4181kHz | 1630z | 01/02[287/00] noisy MalcF, mndbs | THUR |
| | 1630z | 13/02[287/00]mndbs | TUES |
| 7439kHz | 1230z | 13/02[312/00]mndbs | TUES |
| 11104kHz | 1115z | 27/02[193/00]RNGB | TUES |

E11b

| | | | |
|---------|-------|---|-----|
| 8800kHz | 0845z | 18/01[239/31 attn. 77777 77777 00932 ...] FN, MalcF | THU |
| | 0845z | 19/01 [239/31] detail below Tarek* | FRI |

*E11b from Tarek who reported: checking E11 today 19/01/07 , I started listening a bit early around 08.15 z I noticed that : a russian guy appearing on the freq from time to time and giving some numbers, and two portugese OM chatting on the same freq.

08.45Z E 11 started with the following message:

239/31 repeated several times, Attencion,
77777 /00932/10663/17557/44116/66861/02939/82997/46205/24712/
93967/70729/66464/27273/79400/92578/06867/73646/75917/12786/
67796/3661/76791/19562/74546/38914/52073/19777/77777
then out and repeated the message. Each 5F repeated twice. Tnx Tarek.

