

ENIGMA 2000 NEWSLETTER



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Reunification Palace Ho Chi Minh

Note antenna right hand end of roof

Many thanks to contributing anon member



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Editorial, Issue 70

The past two months have been interesting to say the least; Number station wise as well as space weather wise:

Solar Activities

The promised CME over 8th and 9th March did not destroy everything in its path as some of the fantastic reporting suggested; no loss of power lines, GPS, satellites crashing to earth and such like.

The hobby of radio noted the effects as long range communication changed across the short wave spectrum. PLdn tested his receiver using VOLMET on 5MHz and 8MHz and noting the 5MHz was just audible, whilst the 8MHz was masked by noise. Trying to remove the noise using his ANC4 he successfully heard a PLT unit – just. Reverse physics of noise removal!

The Friday 09/03 afternoon XPA2 was inaudible to two members but came back in good mettle on Saturday. However the early morning 0130/0230z E06 were both noted early Saturday 10th March as being virtually undetectable. By Saturday evening it was virtually business as usual with things back to normal once again.

Number Station News

The appearance of a new variant E07; clipped/changed voice, gender and tone has been heard on a number of frequencies along with a different digital signal, as yet to be classified. The digital signal has all the elements of a polytone but is different in construction as well as the way it sends the message. Ian Wraith will say more about this later.

For the variant E07, that might be nothing other than a tester of some kind Spectre produced some excellent logs; I had heard at 1410/1420z but my PC played up and didn't record as I'd accidentally deleted one of its operation files by accident. Spectre's log:

Unid Voice Number Station Male Voice Ending With 000 000

14352kHz1520z	05/04[621 1 7601 30 36143 ... 86210 000 000] 1525z Weak QRN3 QSB3	Spectre	THU
16264kHz1510z	05/04[621 1 7601 30 36143 ... 86210 000 000] 1515z Fair QRN3 QSB2	Spectre	THU

Unid Voice 16264/14352kHz 1510/1520z 05/04 Transcript:

621 1 7601 30
36143 07505 60984 76427 16349 65154 76711 06436 23795 61450
62675 24680 45612 31864 84351 16737 33160 30701 03149 17567
59531 47948 29124 18136 57195 10453 17623 78962 47665 86210
000 000

Then again there is always the strong possibility this station is yet another hoax with it not yet being heard again.

Logs have also been received from Token! and Chris Smolinski, with RNGB discovering a whole raft of frequencies for the new digimode, on some of which the variant E07 has been heard :

“The Russian digi mode station sent at least 36 transmissions today

Starting at 1200z and then at 5 minute intervals

?/18571/17434/ ?/?

1300z 19438/18713/ 17468/15951/ 14366/13548
1400z 18559/17477/ 16332/15869/ 14472/13456
1500z 18332/17423/ 16265/15841/ 14353/12229
1600z 18172/17448/ 16117/?/13876/ 11442
1700z 16343/15809/ 14369/13429/ 12192/10519

All were the same. 2 minute intro followed by 48 seconds of traffic”

When tuning this new digimode aim to plave the mark of the tuning signal on 1900Hz [Tnx Leif].

Spectre also took an interest in the Russian Digi Mode and logged these frequencies:

10519kHz 1725z	10/04 [Data TX With XPA Start Tones] 1727z Strong QRN2 QSB2	Spectre	TUE
11442kHz 1625z	06/04 [Data TX With XPA Start Tones] 1627z Fair QRN3 QSB3	Spectre	FRI
1625z	09/04 [Data TX With XPA Start Tones] 1627z Strong QRN2 QSB2	Spectre	MON
1625z	10/04 [Data TX With XPA Start Tones] 1627z Fair QRN2 QSB2	Spectre	TUE
12192kHz 1720z	10/04 [Data TX With XPA Start Tones] 1722z Fair QRN3 QSB3	Spectre	TUE
12229kHz 1525z	06/04 [Data TX With XPA Start Tones] 1527z Fair QRN2 QSB2	Spectre	FRI
1525z	09/04 [Data TX With XPA Start Tones] 1527z Strong QRN2 QSB2	Spectre	MON
1525z	10/04 [Data TX With XPA Start Tones] 1527z Fair QRN2 QSB2	Spectre	TUE
13429kHz 1715z	0/04 [NRH (Performed Search Without Success)]	Spectre	TUE
13456kHz 1425z	06/04 [Data TX With XPA Start Tones] 1427z Fair QRN3 QSB3	Spectre	FRI
1425z	09/04 [Data TX With XPA Start Tones] 1427z Weak QRN3 QSB3	Spectre	MON
1425z	10/04 [Data TX With XPA Start Tones] 1427z Fair QRN3 QSB3	Spectre	TUE
13548kHz 1325z	10/04 [Data TX With XPA Start Tones] 1327z Fair QRN3 QSB3	Spectre	TUE
13876kHz 1620z	06/04 [Data TX With XPA Start Tones] 1622z Fair QRN3 QSB3	Spectre	FRI

	1620z	09/04 [Data TX With XPA Start Tones]	1622z Strong QRN2 QSB2	Spectre	MON
	1620z	10/04 [Data TX With XPA Start Tones]	1622z Fair QRN2 QSB2	Spectre	TUE
14353kHz	1520z	03/04 [Data TX With XPA Start Tones]	1522z Weak QRN3 QSB3	Spectre	TUE
	1520z	04/04 [Data TX With XPA Start Tones]	1522z Fair QRN3 QSB3	Spectre	WED
	1520z	06/04 [Data TX With XPA Start Tones]	1522z Fair QRN3 QSB4	Spectre	FRI
	1520z	09/04 [Data TX With XPA Start Tones]	1522z Fair QRN3 QSB2	Spectre	MON
	1520z	10/04 [Data TX With XPA Start Tones]	1522z Fair QRN3 QSB2	Spectre	TUE
14366kHz	1320z	10/04 [Data TX With XPA Start Tones]	1322z Fair QRN2 QSB3	Spectre	TUE
14369kHz	1710z	10/04 [Data TX With XPA Start Tones]	1712z Weak QRN3 QSB4	Spectre	TUE
14472kHz	1420z	06/04 [Data TX With XPA Start Tones]	1422z Fair QRN3 QSB3	Spectre	FRI
	1420z	09/04 [Data TX With XPA Start Tones]	1422z Weak QRN3 QSB3	Spectre	MON
	1420z	10/04 [Data TX With XPA Start Tones]	1422z Fair QRN3 QSB3	Spectre	TUE
14613kHz	1225z	10/04 [Data TX With XPA Start Tones]	1227z Fair QRN2 QSB2	Spectre	TUE
15809kHz	1705z	10/04 [Data TX With XPA Start Tones]	1707z Fair QRN3 QSB3	Spectre	TUE
15823kHz	1615z	06/04 [Data TX With XPA Start Tones]	1617z Fair BCQRM3 QSB3	Spectre	FRI
	1615z	09/04 [Data TX With XPA Start Tones]	1617z Fair BCQRM2 QSB2	Spectre	MON
	1615z	10/04 [Data TX With XPA Start Tones]	1617z Fair BCQRM3 QSB2	Spectre	TUE
(Note the BCQRM appears to be WWCR Nashville in English on 15825kHz 1100z to 2100z targeted for North America.)					
15841kHz	1515z	06/04 [Data TX With XPA Start Tones]	1517z Fair QRN2 QSB2	Spectre	FRI
	1515z	09/04 [Data TX With XPA Start Tones]	1517z Fair QRN2 QSB2	Spectre	MON
	1515z	10/04 [Data TX With XPA Start Tones]	1517z Fair QRN3 QSB2	Spectre	TUE
15869kHz	1415z	06/04 [Data TX With XPA Start Tones]	1417z Fair QRN3 QSB3	Spectre	FRI
	1415z	09/04 [Data TX With XPA Start Tones]	1417z Fair QRN3 QSB2	Spectre	MON
	1415z	10/04 [Data TX With XPA Start Tones]	1417z Fair QRN3 QSB3	Spectre	TUE
15879kHz	1220z	10/04 [Data TX With XPA Start Tones]	1222z Fair QRN2 QSB2	Spectre	TUE
15951kHz	1315z	10/04 [Data TX With XPA Start Tones]	1317z Fair QRN2 QSB3	Spectre	TUE
16117kHz	1610z	06/04 [Data TX With XPA Start Tones]	1612z Fair QRN3 QSB3	Spectre	FRI
	1610z	09/04 [Data TX With XPA Start Tones]	1612z Fair QRN2 QSB2	Spectre	MON
	1610z	10/04 [Data TX With XPA Start Tones]	1612z Fair QRN3 QSB3	Spectre	TUE
16264kHz	1510z	03/04 [Data TX With XPA Start Tones]	1512z Fair QRN3 QSB2	Spectre	TUE
	1510z	04/04 [Data TX With XPA Start Tones]	1512z Fair QRN3 QSB2	Spectre	WED
	1510z	06/04 [Data TX With XPA Start Tones]	1512z Fair QRN2 QSB2	Spectre	FRI
	1510z	09/04 [Data TX With XPA Start Tones]	1512z Fair QRN2 QSB2	Spectre	MON
	1510z	10/04 [Data TX With XPA Start Tones]	1512z Fair QRN3 QSB2	Spectre	TUE
16332kHz	1410z	03/04 [Data TX With XPA Start Tones]	1412z Fair QRN2 QSB2	Spectre	TUE
	1410z	04/04 [Data TX With XPA Start Tones]	1412z Fair QRN2 QSB2	Spectre	WED
	1410z	06/04 [Data TX With XPA Start Tones]	1412z Strong QRN2 QSB2	Spectre	FRI
	1410z	09/04 [Start Tones Then QRT Without Traffic]	1410z Fair QRN3 QSB2	Spectre	MON
	1410z	10/04 [Data TX With XPA Start Tones]	1412z Fair QRN2 QSB3	Spectre	TUE
16343kHz	1700z	10/04 [Data TX With XPA Start Tones]	1702z Weak QRN3 QSB4	Spectre	TUE
17423kHz	1505z	06/04 [Data TX With XPA Start Tones]	1507z Fair QRN2 QSB2	Spectre	FRI
	1505z	09/04 [Data TX With XPA Start Tones]	1507z Fair QRN2 QSB2	Spectre	MON
	1505z	10/04 [Data TX With XPA Start Tones]	1507z Fair QRN3 QSB3	Spectre	TUE
17434kHz	1215z	10/04 [Data TX With XPA Start Tones QRT In Traffic]	1216z Fair QRN2 QSB3	Spectre	TUE
17448kHz	1605z	06/04 [Data TX With XPA Start Tones]	1607z Fair QRN2 QSB2	Spectre	FRI
	1605z	09/04 [Data TX With XPA Start Tones]	1607z Strong QRN2 QSB2	Spectre	MON
	1605z	10/04 [Data TX With XPA Start Tones]	1607z Fair QRN2 QSB2	Spectre	TUE
17468kHz	1310z	10/04 [Data TX With XPA Start Tones]	1312z Fair QRN2 QSB3	Spectre	TUE
17477kHz	1405z	06/04 [Data TX With XPA Start Tones]	1407z Fair QRN3 QSB2	Spectre	FRI
	1405z	09/04 [Data TX With XPA Start Tones]	1407z Fair QRN3 QSB2	Spectre	MON
	1405z	10/04 [Data TX With XPA Start Tones]	1407z Fair QRN3 QSB2	Spectre	TUE
18172kHz	1600z	06/04 [Data TX With XPA Start Tones]	1602z Fair QRN2 QSB3	Spectre	FRI
	1600z	09/04 [Data TX With XPA Start Tones]	1602z Fair QRN2 QSB3	Spectre	MON
	1600z	10/04 [Data TX With XPA Start Tones]	1602z Fair QRN3 QSB3	Spectre	TUE
18332kHz	1500z	06/04 [Data TX With XPA Start Tones]	1502z Fair QRN2 QSB2	Spectre	FRI
	1500z	09/04 [Data TX With XPA Start Tones]	1502z Fair QRN2 QSB2	Spectre	MON
	1500z	10/04 [Data TX With XPA Start Tones]	1502z Fair QRN3 QSB3	Spectre	TUE
18559kHz	1400z	06/04 [Data TX With XPA Start Tones]	1402z Fair QRN3 QSB2	Spectre	FRI
	1400z	09/04 [Data TX With XPA Start Tones]	1402z Fair QRN2 QSB2	Spectre	MON

1400z	10/04 [Data TX With XPA Start Tones] 1402z Fair QRN3 QSB3	Spectre	TUE
18571kHz 1210z	10/04 [Data TX With XPA Start Tones] 1212z Fair QRN2 QSB3	Spectre	TUE
18713kHz 1305z	10/04 [Data TX With XPA Start Tones] 1307z Fair QRN3 QSB3	Spectre	TUE
19348kHz 1300z	10/04 [Scheduled At 19438kHz (Was This A Mistake In Frequency?)] 1302z QRN2 QSB2	Spectre	TUE
19399kHz 1205z	10/04 [Data TX With XPA Start Tones] 1207z Fair QRN2 QSB3	Spectre	TUE
20146kHz 1200z	10/04 [Start Tones Then QRT Without Traffic] 1201z Fair QRN2 QSB2	Spectre	TUE

See Ian's Digital, Incursions and Unexplained Signals coulmd later, for more on this enigmatic signal. [Thanks Spectre]

Morse:

Faithful copying of M08a and M23in March illustrate additional activity being copied in the UK with some ease although propagation affecting the Cuban Morse station has been most variable, as the clock moves forward an hour.

Other events:

M12 – ID 785 sends a msg for the first time in five years.

M23 makes an appearance - Right in the middle of the 80m amateur band, transmits daily for most of March then disappears.

M76 becomes audible in the UK again as the seasons change and GD's logs show it is quite busy.

M97 still continues to puzzle with its irregular appearances.

Voice Stations:

E06

Has a new schedule being looked at [well done Spectre] although the early morning 0130/0230z Saturday and Sunday sendings strength has been variable to the point of being inaudible. Thanks to all the monitors who have paid attention here and indicated that whilst it hasn't been audible in parts of the UK it can be heard in parts of Europe and surprisingly the Near East [*shukran Ali*]. The quality and strength of signals becoming more acceptable towards the end of April. Some strange goings on with delivery at 2030z 19/04 when the ID was stated just once and then straight into the 15group message; taking just 3m30s to complete. After the slow zeros into the message again and just 3m49s to complete. Something new, training or a cock up? We'll just have to see. To compound the question further the next day's 15 group message [5197kHz 2130z 20/04] Sent a G06 message, that fact noted by RNGB and PLdn.

E07/E07a

A mixed bag with E07 with some very good strengths and audio heard on slots where the worst is expected but some variable results too. Note the Monday/Wednesday schedule has sent a long message.

E07a carrying on as normal with generally good strengths.

The April Saturday 0900/20/40z morning offering has yet to be heard again as I write this and may well have discontinued.

E25

Audible for yours truly just once in March and April; nonetheless the local noise baseline for 9450kHz put paid to any serious listening for the message. Those in the Med and Europe proper having much more success here as Manolis' column shows. Thanks to Douglas, AE and Fanis for their input here. Much more 6140kHz activity in March and April with an apparent reduction of that seen on 9450kHz in April. Logs listed in Voice section.

G06

Continues much as expected but see E06.

S06/S06s and other variants

Usual continuation of service with one mistake intercepted by three members and some confusion as to its ident by yours truly. The affected sending on 11830kHz 0840z 14/03 looked like S06e to myself but I asked a question on the classification and received an excellent forensic reply from RNGB to the effect that they transmitted the 0840 ID 328 on the wrong frequency; should have been: 9480 and ID 745 on 11830 also at 0840, as well as both being repeats of the first week's message. [Txn RNGB].

PoSW notes The second + fourth Mondays S06 Russian now turns up two hours earlier than before. He states, 'I have been following this schedule for several years and never noted this before.' One to look out for.

V02a

The 0700/0800z transmissions were still audible in the UK in March. A mixture of QRM and QRN is obviating the April 0800z along with some variation of properties thanks to the state of propagation and general noise. The logs are complimented by offerings from America in the shape of Mark and his group of Cuban station followers – thanks.

Those audible in April started as 0700 and 0800z but with rising noise variable results have been presented with the end of the 0700z usually disappearing into noise and the 0800z sending becoming only detectable by hearing the heterodyne caused by the beating of the carrier using the receivers carrier insertion oscillator/BFO. As we moved late into April even that was not possible. Whether or not the 0800z sending still occurs is anyone's guess and now the 0700z seems to be succumbing to the same fate as its 0800z sister.

A short mention in the message section of Group but no real news to date.

Polytones

Some changes apparent here. The long term XPA d schedule at 1400/20/40z Sunday/Tuesday with split freqs 0800/0820/0840z October to February has hardly been of strength to assume any particular copy let alone one that can be processed. It appears to have finally disappeared.

XPA2 2030/2050/2110z schedule has like disappeared and searches by PLdn and H-FD has yet to turn up anything.

We are copying the Sunday/Tuesday 1500/1520/1540z routinely, last heard this time last year but other freqs never found. The Friday/Saturday schedule 1400/1420/1440z is also being tracked, mainly thanks to Brian with his invaluable help. Douglas has also helped here and supplied excellently clear and concise logs for polytone at our request [thanks Douglas].

Thanks to all of you who post logs to group or privately to those of us who run the various desks to enable us to offer a quality newsletter to those with a serious interest in Number Stations.

Many new schedules, possibly transient, have been heard throughout April and suggesting the unidentified digital 'polytone' may well be of military/special forces signals.

Traffic Analysis

We are indebted to Spectre for his work on a series of bar chart traffic analysis for the Family III stations. Of the eight charts, there are two charts per station where one chart illustrates information on null messages, and the other for actual messages. All bar charts display information from the last 2 years, from Jan 2010 to Dec 2011, this required data sourced from the E2k newsletters from Jan 2010 to Dec 2011. [There are no logs for Dec 2010 for consideration]

For the whole Family III network, there has been a total of 1435 null messages sent.

For the whole Family III network, , there has been a total of 845 actual messages sent.

There has been a grand total of 2280 transmissions logged over the last 2 years by E2k members.

This cannot be an official traffic analysis for Family III stations, because of a number of varying factors. These varying factors are fewer logs any particular month, or poor shortwave reception/propagation for any particular month, so the transmissions won't have been heard. Therefore this traffic analysis should be circa 70% correct.

There is one thing to point out, if a station sent more messages than null messages, surely there would be less null messages that particular month. But this doesn't appear to be the case, because the results are inconsistent. There doesn't appear to be a set pattern, between null and actual messages.

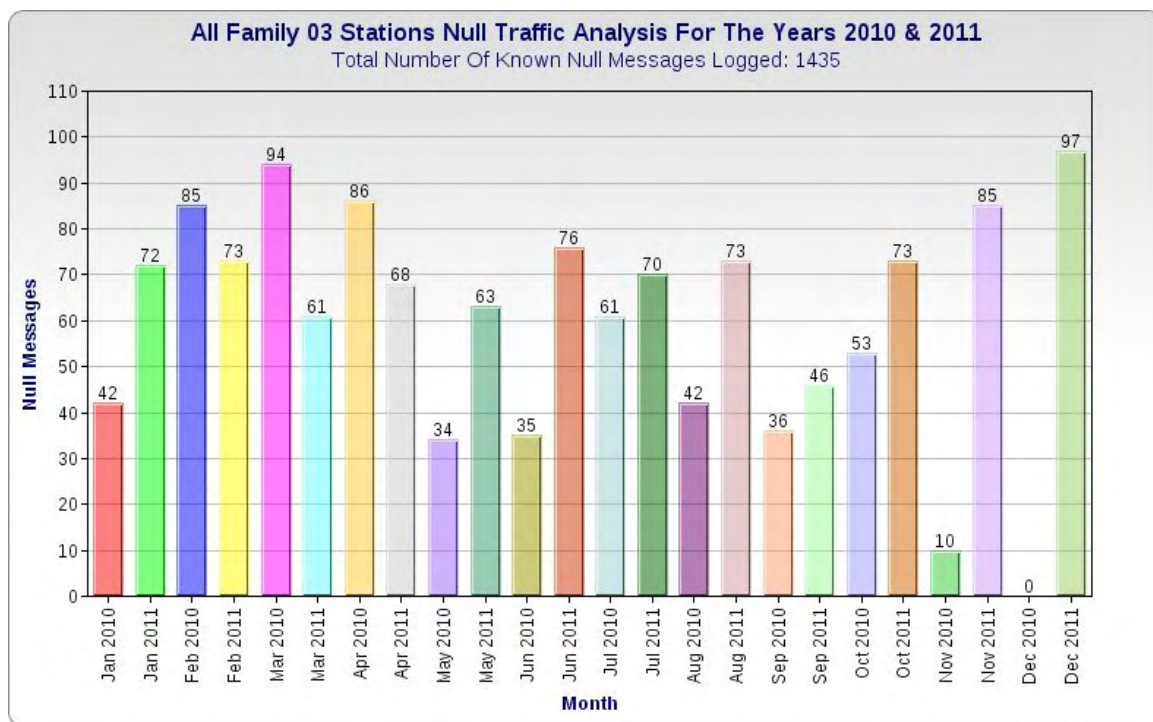
However you can see particular spikes using the bar charts shewn below.

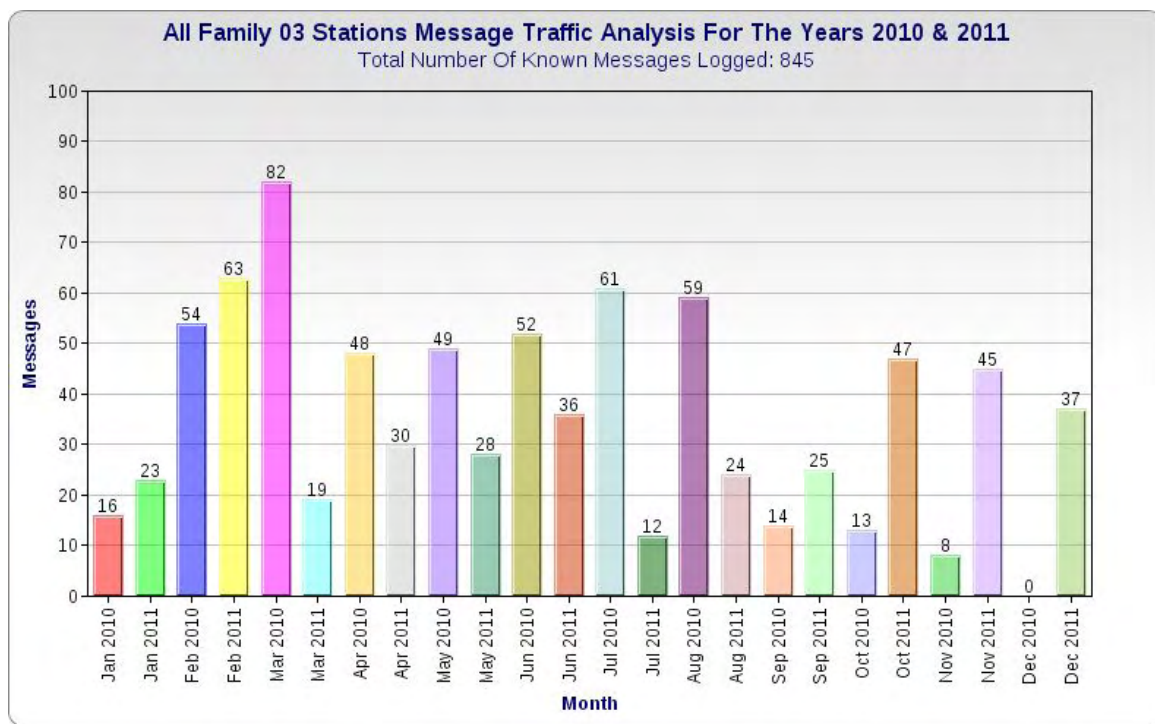
For example:

For the whole Family III network, the greatest number of null messages sent was in Dec 2011.

For the whole Family III network, the greatest number of actual messages sent was in Mar 2010.

Each chart is featured at the respective station ident, E11, E11a, G11 and S11a and appears at the station ident





Many thanks to Spectre for his hard and excellent work.

German Branch Report

E2Kde publicity and X06 development - Report from ENIGMA2000's German Branch (E2Kde) and X06 team

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

Some interesting things happened within E2Kde and also something new from X06 we have this time.

Klausauslux found the box!

In EN68 we reported about the special numbers station in the forest of Böblingen/Southwestern Germany. The box was found and the code was cracked by MariusE2Kde (a.k.a. Klausauslux), a member of E2K(de) in early March, as he travelled to Böblingen after reading the information about the station in the newsletter and via "Geheime Welten". As he wrote, it was not really difficult for a numbers fan to answer the questions and to solve the "ENIGMA" behind this box. Congratulations, Marius, for this found.

Buzzer interview in Marburg

As reported in EN69, a journalist from Hamburg came to me on March 28th to interview me about the Buzzer for a feature in German public radio. The interview was interesting and nice, I presented her a lot of my own numbers recordings and within of course my first Buzzer catch from March 1992. Also I mentioned ENIGMA2000 including E2Kde as the most serious international numbers mailing list with a lot of background knowledge, as I always do in such interviews. I don't have any information about further plannings, but if I get them, I'll let you all know of course.

Numbers article in German newspaper

Another of our E2Kde members made very good publicity: Daniel from Münster/Northwestern Germany, the E2Kde "vice-Kopf". He gave a journalist an interview about numbers stations. The article appeared on April 5th in the "Neue Westfälische", a daily newspaper of Daniel's home town Münster. He also mentioned E2K(de) exclusively. The article is short and informs about numbers stations in general like the most publications about the hobby. The title of the article is "Die Signale der anderen" [The signals of the others]. You can find the German original version at:

www.nw-news.de/owl/6544152_Die_Signale_der_anderen.html. For all, who can't speak and read German, we have Daniel's translation in this newsletter edition. Many thanks, dear vice-Kopf, for the publicity, the information and translation. We hope, that we can already bring more such good news in the next issues.

X06

First 2 "new style" additions to the report in the last newsletter: The transmission on January 2 2012 between 1120 and 1121 UTC on 16115 kHz with "215346" (alert type 3(2)), logged by Eddy, was in new style, like the other parts of this alert. Also the TX on January 10 2012 between 1006 and 1013 UTC on 16317 kHz with "612534", logged by Daniel/AR (LU5EMM), was new style. So the 2 logs read:

20120102 Mon 1120-1121 16115 215346 Eddy/AU 3(2) New style, R

20120110 Tue 1006-1013 16317 612534 LU5EMM New style, R

Transmission types

We already know matches (M) and random catches (R). But there is another type between them: a group (G). We speak about a group of transmissions, when they confirm at least 2 factors, usually day and scale, but sometimes more, like time frame or the frequency. In the difference to matches (M), groups don't confirm ALL factors, but only some. Matches always belong to groups, but not every part of a group is a match. Random catches (R) are transmissions, which are unique and don't confirm any of the factors from earlier transmissions.

In the case of matches, we found out, that there are “late” ones, which belong to a sked, but where the time frame is later than expected. So we built out the time frame to 1 hour. For example, when an earlier transmission came between 0600 and 0700 UTC (say 0605-0608 UTC) and a new transmission came later (say from 0657-0702 UTC), then it counts also as a match, but a “late” one, of course only when all other factors (day, frequency, scale) can be confirmed from earlier transmissions. We already had such a case on February 1st (see EN69).

From this edition on we define also group transmissions as “G”, as you will see in the logs section. If you compare them with earlier transmissions, you’ll see a regularity and no randomness.

Since April we notice a decline of X06. Many frequencies are quiet in these weeks, but X06 appears on new frequencies too. This can be “seasonal” or of other reasons. During this time, the digital desk noticed an increase of other systems like FSK200/500. We would be grateful about every kind of support in finding X06. So when you have any logs and/or recordings, please send them either via E2K or directly to our X06 vice-Kopf Peter (Peter@bmsona.co.uk) and the Teamkopf Jochen (Jochen.Schupper@gmx.de). We would be glad about every catch. And here are the logs for March/April:

X06 Mazielka (1C) logs section

Date	Day	UTC	Freq	Scale	Monitor	Comments
20120302	Fri	1002-1007	12215	361245	Peter/UK, Hans/NO	Strong in NO, M356
20120307	Wed	0837	12152	432516	Peter	Shortie (56 secs), M357
20120307	Wed	0944-0946	18346	214356	Peter	Barely readable, very faint, M358
20120307	Wed	1114-1117	14631	362154	Peter	Good and strong, M359 (late)
20120312	Mon	0941-0947	12224	463125	Peter	Alert 2(1) V weak to strong, M360
20120312	Mon	0946-0952	10127	421635	Peter	Good, M361 (late)
20120312	Mon	0948-0954	16117	463125	Peter	2(2) Good to weak, M362
20120313	Tue	0826-0830	16257	542136	Peter	Strong, M363
20120314	Wed	1139-1141	14944	621543	Peter	Very strong, M364
20120316	Fri	0930-0934	14570	324615	Alex, Peter	Good, M365
20120316	Fri	1005-1010	12215	361245	Alex, Peter	Good, starting “645321”, M366
20120319	Mon	1637-1639	14392	532614	Peter	Good, M367
20120320	Tue	0934-0937	13401	154263	Peter	Good, M368
20120320	Tue	0950-0957	18206	246531	Peter	Alert 3 (all parts strong) (1) M369
20120320	Tue	0958-1003	17421	246531	Peter	3(2) M370
20120320	Tue	1005-1016	14812	246531	Peter	3(3) M371
20120321	Wed	1138-1156	14700	16--23	Spectre/UK	Weak X06b on new freq, QRN3, QSB3
20120322	Thu	0755-0758	12126	521634	Peter	M372, preceded by CROWD (0745-0750)
20120322	Thu	0934-0938	13506	164532	Peter	M373
20120323	Fri	0958-1005	19611	256134	Peter	Good, M374
20120325	Sun	1130-1132	16060	261453	Eddy	Very poor with FSK QRM, M375
20120326	Mon	0804-0808	11538	421635	Peter	M376
20120326	Mon	0951-0958	13517	463125	Peter	Weak to fair, M377
20120327	Tue	0759-0800	13420	534216	Peter	M378
20120328	Wed	0756-0757	13419	465132	Peter	Good, M379
20120328	Wed	0904-0912	16116	134265	Peter	Good and clear, M380
20120328	Wed	1158-1204	16115	215346	Peter	G
20120330	Fri	0759-0802	14863	615243	Peter, Hans	Fair to good (UK), weak (NO), M381
20120401	Sun	1511-1516	13481	452163	Ian Wraith	New frequency, R
20120403	Tue	0816-0833	11462	165423	Peter	Very strong and unusual long, M382
20120404	Wed	0835-0845	13465	362154	Peter	M383
20120404	Wed	0946-0949	18346	214356	Peter	Fair, M384
20120406	Fri	0956-0958	12215	361245	Peter	Good, M385
20120406	Fri	1028-1029	14824	625413	Peter	Fair, M386
20120408	Sun	1142-1145	16060	261453	Peter	Very weak, M387
20120408	Sun	1606-1608	87??	4--6--	Kopf	Strong X06b (in progress)
20120409	Mon	0939-0945	16117	463125	Peter	Good and strong, M388
20120409	Mon	1244-1246	14683	364152	RNGB	New freq (i. p.), R
20120409	Mon	1245-1251	16251	542136	Peter	Very weak, M389
20120410	Tue	0817-0820	16257	542136	Peter	Good, M390
20120410	Tue	1044-1052	13510	612534	Peter	Good, M391
20120411	Wed	0854-0855	16116	134265	Peter	M392
20120411	Wed	1035-1037	15878	621543	Peter	M393
20120411	Wed	1225	14935	435621	RNGB	New freq (i. p.), R
20120412	Thu	0735-0738	9388	561243	Peter	Very weak, M394
20120412	Thu	0801-0810	12126	521634	Peter	Strong, M395
20120412	Thu	0939-0942	13506	164532	Peter	Very strong, M396
20120412	Thu	1515-1518	10535	564213	Peter	M397
20120413	Fri	0743-0748	12213	615243	Peter	Good, M398
20120413	Fri	0751-0753	12177	356412	Peter	Strong, M399 (CROWD36: 0741-0744)
20120416	Mon	1540-1544	13395	532614	Peter	Weak but clear, M400
20120418	Wed	0739-0740	12152	432516	Peter	M401
20120418	Wed	0844-0849	13465	362154	Peter	M402
20120419	Thu	0720-0725	12219	162543	Peter	Weak below heavy noise floor, M403
20120420	Fri	0646-0701	16320	241563	Peter	Weak, M404
20120420	Fri	0924-0948	16320	241563	Peter, Linkz	Long but poor (UK), R
20120420	Fri	1021	14824	625413	Linkz/FR	M405
20120423	Mon	0938-0944	13517	463125	Peter	Alert 2(1) Fair to good, M406
20120423	Mon	0947-0948	16117	463125	Peter	2(2) Barely audible, M407
20120424	Tue	0923-0929	14861	542136	Peter	Weak, M408
20120425	Wed	0758-0759	13419	465132	Peter	Poor, M409
20120425	Wed	0905-0909	16116	134265	RNGB	I. p., M410
20120426	Thu	0811-0813	14419	521634	Peter	Poor, M411
20120427	Fri	0947-0952	13506	164532	Peter	Good and strong, M412
20120427	Fri	1011-1023	19611	256134	Peter	Alert1 (all good & strong) (1) M413
20120427	Fri	1037-1039	19611	256134	Peter	1(2) M414

20120427	Fri	1038-1040	18321 156234	Peter	Barely audible, G
20120429	Sun	0956	16103 645321	Linkz	Alert 2 (both R) (1)
20120429	Sun	1003	14547 645321	Linkz	2(2)

As usual, nice stuff. Thanks to all contributors to the logs section. You see, that X06 is still there, and it will also be in the next time, so that we can expect more logs in EN71. Till then I say as usual "Auf Wiedersehen" and "Good-bye"

Jochen Schäfer, Kopfe2Kde and X06 Teamkopf

MORSE STATIONS

All frequencies listed in kHz. Freqs are generally ± 1 kHz

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 appended to this issue.

M01/2 XIV MCW, hand (463 sched for Mar- Apr). Will change to M01/3 sched ID 025 for May - Aug. No repeat msgs sent.

In February it may be remembered, the Thursday sched suddenly changed to an 0700z & 1500z sched using the respective Sat & Sun freqs.

With the change of sched to M01/2, ID 463, the Thursday sched has now returned to normal. We will have to wait until the M01/1 sched returns in November to see if those changes will continue.

March2012:

5475	1800z	01 Mar	'463'	819 30 ==	32331...	...LG 943.2 ==	Weak, med-fast. Poor copy	BR	THU
	1800z	06 Mar	'463'	099 30 ==	36133...	...LG 01748 ==	Weak, med-fast. Good copy	BR	TUE
	1800z	08 Mar	'463'	039 30 ==	77604...	...LG 23233 ==	Weak, fast. Good copy	BR	THU
	1800z	13 Mar	'463'	846 30 ==	66240...	...LG 40167 ==	Strong, slow	BR	TUE
	1800z	15 Mar	'463'	487 30 ==	29442...	...LG 75733 ==	Strong, fast. Corrected errors call-up & grp05	BR	THU
	1800z	20 Mar	'463'	284 30 ==	...	...LG 900.6 ==	Very weak, slow. Data QRM Poor copy	BR	TUE
	1800z	22 Mar	'463'	448 30 ==	11416...	...LG 65651 ==	Strong, fast. Uncorrected error on grp03	BR	THU
	1800z	27 Mar	'463'	510 30 ==	17218...	...LG 59743 ==	Strong, slow. Errors on grp08, 24 & DK	BR	TUE
	1800z	29 Mar	'463'	349 30 ==	42965...	...LG 52990 ==	Good, fast. Corrected error in grp03	BR	THU
5020	2000z	01 Mar	'463'	450 30 ==	81425...	...LG 91117 ==	Weak, med-fast. Poor copy. Correction Grp20	BR	THU
	2000z	06 Mar	'463'	193 30 ==	...	...	V.weak, med-fast. Almost no grps copied	BR	TUE
	2000z	08 Mar	'463'	637 30 ==	01013...	...LG 50017 ==	Weak, fast. Poor copy	BR	THU
	2000z	13 Mar	'463'	712 30 ==	90893...	...LG 22010 ==	Strong, slow	BR	TUE
	2000z	15 Mar	'463'	078 30 ==	23229...	...LG 21421 ==	Good, fast. Corrected errors call-up & DK	BR	THU
	2000z	20 Mar	'463'	981 30 ==	24950...	...LG 61191 ==	Good, slow	BR	TUE
	2000z	22 Mar	'463'	613 30 ==	20665...	...LG 19685 ==	Good, fast	BR	THU
	2000z	27 Mar	'463'	236 30 ==	36264...	...LG 68020 ==	Strong, med-fast	BR	TUE
	2000z	29 Mar	'463'	812 30 ==	20128...	...LG 18699 ==	Good, fast. Multiple errors.	BR	THU
6260	1500z	03 Mar	'463'	581 30 ==	96385...	...LG 55833 ==	Fair, fast	BR	SAT
	1500z	10 Mar	'463'	782 30 ==	85897...			HFD	SAT
	1500z	17 Mar	'463'	744 30 ==	38140...	...LG 90145 ==	Fair, V.fast. Two noted errors.	BR	SAT
	1500z	24 Mar	'463'	731 30 ==	40798...	...LG 73239 ==	Weak, fast. Call-up sent as 731 for first 2 mins	BR	SAT
	1500z	31 Mar	'463'	780 30 ==	32321...	...LG 76760 ==	Fair, med-fast	BR	SAT
6510	0700z	04 Mar	'463'	115 30 ==	60888...	...LG 05534 ==	Weak, fast. Poor copy	BR	SUN
	0700z	11 Mar	'463'	230 30 ==	36815...	...LG 11140 ==	Weak, fast. Poor copy	BR	SUN
	0700z	18 Mar	'463'	910 30 ==	84647...	...LG 94548 ==	Strong, V.fast. Multiple errors	BR	SUN
	0700z	25 Mar	'463'	483 30 ==	48200...	...LG 40937 ==	Fair, V.fast. DK sent once only at end of msg	BR	SUN

M01 5017kHz 2000z 27/03 [463 236 30 = 36264 ... 68000 = 236 30 000] 2011z Fair QRN3 QSB3 Spectre TUE

463 236 30 =

36264 53866 07699 69912 23537 43294 34286 58885 18880 94584
04358 28986 25973 06827 40910 02374 78579 19457 29074 03560
62212 79874 90964 25465 58193 14465 95095 23495 59823 68000
= 236 30 000
Courtesy Spectre

M01 6261kHz 1500z 31/03 [463 780 30 = 32321 ... 76760 = 780 30 000] 1511z Fair QRN3 QSB3 Spectre SAT

463 780 30 =

32321 88249 17597 47125 66243 73987 37630 11120 09090 34567
13638 21176 76454 68313 54941 48504 65274 87402 16504 56694
07075 67049 39513 32154 06648 76583 63072 94887 31022 76760
= 780 30 000
Courtesy Spectre

April 2012:

5475	1800z	03 Apr	'463'	365 30 ==	47587...	...LG 26631 ==	Strong, slow	BR	TUE
	1800z	05 Apr	'463'	202 30 ==	71119...	...LG 50467 ==	Strong, fast	BR	THU
	1800z	10 Apr	'463'	548 30 ==	.....	.....	V.Weak, Med-fast. Poor - No useful copy	BR	TUE
	1800z	12 Apr	'463'	219 30 //	75366...	...LG 43369 ==	Good, V.fast. // sent in place of =	BR	THU
	1800z	17 Apr	'463'	615 30 ==	97975...	...LG89619 ==	Strong, fast. Harsh quality to CW	BR	TUE
	1800z	19 Apr	'463'	905 30 ==	80290...	...LG82791 ==	Weak, med-fast. Noisy freq with poor copy	BR	THU
	1800z	24 Apr	'463'	570 30 ==	19180...	...LG10392 ==	Weak, med-fast. Noisy freq with poor copy	BR	TUE
	1800z	26 Apr	'463'	121 30 ==	39258...	...LG51094 ==	Strong, V.fast. Corrected error grp05	BR	THU

5020	2000z	03 Apr	'463' 122 30 ==	45314...	...LG54690 == Strong slow	BR	TUE
	2000z	05 Apr	'463' 090 30 ==	65903...	...LG 52470 == Good, fast	BR	THU
	2000z	10 Apr	'463' .... ==	.....	..... == V.Weak. Very poor, almost inaudible	BR	TUE
	2000z	12 Apr	'463' 123 30 ==	49753...	...LG 06501 == Good, fast. Multi-path reception	BR	THU
	2000z	17 Apr	'463' 030 30 ==	85568...	...LG 60792 == Strong, fast. Error on grp20 so re-sent	BR	TUE
	2000z	19 Apr	'463' 310 30 ==	95307...	...LG 92988 == Weak, med-fast. Noisy freq with poor copy	BR	THU
	2000z	24 Apr	'463' 12. 30 ==	39423...	...LG70470 == Weak, med-fast. Poor copy. DK 124 or 123?	BR	TUE
	2000z	26 Apr	'463' 471 30 ==	55906...	...LG 13279 == Strong, V.fast. Speed increased after grp01	BR	THU
6260	1500z	07 Apr	'463' 990 30 ==	82309...	...LG61358 == Fair, fast. Corrected error on grp15	BR	SAT
	1500z	14 Apr	NRH			BR	SAT
	1500z	21 Apr	'463' 837 30 ==	62038...	...LG 31671 == Fair, fast. Corrected errors on grps01 & 06	BR	SAT
	1500z	28 Apr	'463' 423 30 ==	86298...	...LG 5 . .50 == Weak, med-fast. Corrected error grp17	BR	SAT
6510	0700z	01 Apr	'463' 501 30 ==	67704...	...LG 56928 == Strong, fast	BR	SUN
	0700z	08 Apr	'463' 071 30 ==	87754 56162 32238 52880 74213 etc	Good signal	RNGB	SUN
	0700z	15 Apr	'463' 273 30 ==	71480...	...LG 86610 == Weak, med-fast, middle of msg below noise	BR	SUN
	0700z	22 Apr	'463' 926 30 ==	20611...	...LG 31276 == Fast, competent. Errors on grp01 & end DK	RNGB	SUN
	0700z	29 Apr	'463' 170 30 ==	54092...	...LG 16012 == Fair, Fast. Some grps sent without pauses.	BR	SUN

M01

5017kHz	2000z	03/04	[463 122 30 = 45314 ... 54690 = 122 30 000]	2011z	Fair QRN3 QSB3	Spectre	TUE
	2000z	05/04	[463 202 30 = 61319 ... 50467 = 202 30 000]	2010z	Fair QRN4 QSB3	Spectre	THU

M01 5017kHz 2000z 03/04 Transcript:
463 122 30 =
45314 28902 35956 64405 02922 94783 52488 29448 61619 79031
06317 06315 35699 49059 06067 42607 32274 25634 02846 46880
12273 13768 47512 96690 46133 43671 97997 65970 12249 54690
= 122 30 000
Courtesy Spectre

M01a (formerly end of month TXs, now random)

No reports

M01b

March 2012:

3520//4585	2110z	02 Mar	'582' 129 30 ==	24273		HFD	FRI
3645//4455	2015z	05 Mar	'771' 129 30 ==	24273 25495 05617 40064...		RNGB/HFD	MON
4570	2042z	08 Mar	'201' 129 30 ==			GD	THU
4586	2010z	30 Mar	'582' 129 30 ==	24273 25495 05617... ..LG83986 ==	2027z	JO	FRI
4605	1932z	01 Mar	'201' 129 30 ==	24273		HFD	THU
	1932z	08 Mar	'201' 129 30 ==			GD	THU
4941	1904z (IP)	30 Mar	'153' 129 30 ==	24273 25495 05617... ..LG83986 ==	1919z	JO	FRI

April 2012:

3510//4605	1832z	12 Apr	'201' 993 32 ==	05176		HFD	THU
3520//4585	2010z	06 Apr	'582' 993 32 ==	05176		GD/HFD	FRI
3645 // 4455	1916z	23 Apr	'771' 993 32 =	05176 79954 35030 84324 etc		RNGB	MON
3715//4570	1942z	12 Apr	'477' 993 32 =	05176		HFD	THU
4590	1810z	09 Apr	'420'	Weak		HFD	MON
4941	1902z	06 Apr	'153' 993 32 ==			GD	FRI
5810	1518z (IP)	06 Apr	(In Progress)			HFD	FRI

M01c

No reports

M03[III] ICW, some CW

6977	1537 - 1538z (IP)	06 Mar	798/00 == 000	Fair Sig	BR	TUE
	1535 - 1538z	13 Mar	798/00 == 000	Fair Sig	BR	TUE
	1535 - 1551z	27 Mar	798/31 == 60313 95607....LG08774	Fair Sig	Hans/BR/HFD	TUE
	1535 - 1552z	03 Apr	792/32 == 78652 41859..LG12788	Weak	BR	TUE
	792/32 ==		78652 41859 06910 99102 17923 46174 46977 79096 92213 71371 07206 61225 47499 98549 51763 63354 18032 16695 14929 53642 37536 49154 18578 19466 59028 86206 57384 54965 23953 42975 73018 12788 == 000 <i>Courtesy BR</i>			
	1535 - 1538z	10 Apr	798/00 ==		RNGB	TUE
	1535 - 1538z	17 Apr	798/00 ==		BR	TUE
	1535z	24 Apr	798/00		RNGB	TUE

9150	1115z	06 Mar	276/30 =	31588....	1130z	Fair	Hans/HFD	TUE
	1115z	07 Mar	650/00				HFD	WED
	1320z	15 Mar	437/00				HFD	THU
	1115z	21 Mar	650/00				RNGB	WED
	1320z	08 Apr	437/00				RNGB	SUN
13911	1420z	18 Mar	879/00				RNGB	SUN
	1420z	08 Apr	879/00				RNGB	SUN
	1420z	15 Apr	879/00				RNGB	SUN

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 Slaten's charts.

March 2012:

GT = Global Tuners (Online remotely controlled receivers)

PLdn notes that the 0700z / 0800z (5883 / 5898kHz) on Fri 02 Mar sent M08a msgs. These have previously been V02a scheds. The reason for the change is not known. Probably operator error.

5800	0600z	09 Mar	[12761 35122 50572]	(GT-Lexington, KY#2)		MS	FRI
	0600z	17 Mar	[35852 52462 50632]			MS	SAT
	0600z	30 Mar	[54131 15742 56382]			MS	FRI
5883	0700z	02 Mar	[40041 15762 25581 LG37163 AR STU]	0735z Strong	[expected V02a]	PLdn	FRI
5898	0505z	02 Mar	[60521 43582 63012 LG06117 AR SK]	0539z Strong QSB2		PLdn	FRI
	0800z	02 Mar	[40041 15762 25581 LG37163 AR SK]	0835z Fair, weak by end	[expected V02a]	PLdn	FRI
	0501z	04 Mar	[67890 67690 12345]	Fair, QSB3 long message		PLdn	SUN
	0500z	05 Mar	[20301 76312 44663]			MS	MON
	0505z	05 Mar	[44663 20301 76312 LG02098 ARARAR SK]	0643z Fair		PLdn	MON
	0505z	08 Mar	[26001 05261 40031]	Fair, QRN3		PLdn	THU
	0505z	09 Mar	[82542 67581 31370]	Strong, sent once complete then 82542 675.....NRH		PLdn	FRI
	0505z	09 Mar	[82542 67581 31371]	Call-up sent once, ceased. Returned 0507z as SK01		MS	FRI
	0505z	10 Mar	[424nn 46670 5679]	Weak, QRN4, unsure of characters copied		PLdn	SAT
	0505z	11 Mar	[63802 71522 08531]	Fair, QRN2		PLdn	SUN
	0505z	12 Mar	[31241 04832 22881]	Weak QSB3		PLdn	MON
	0500z	12 Mar	[31241 04832 22831]	(GT-Vero Beach, FL)		MS	MON
	0507z	15 Mar	[13652 62081 16742]	Fair, QSB2		PLdn	THU
	0505z	16 Mar	[-7890 12345 -----]	Weak, QRN3		PLdn	FRI
	0505z	17 Mar	[51462 50632 35892]	Fair, QSB2		PLdn	SAT
	0500z	17 Mar	[35852 52462 50632]			MS	SAT
	0505z	18 Mar	[13862 21582 20462]	Weak, QSB3		PLdn	SUN
	0510z	19 Mar		Started late, into message, ending 0535z. Weak, QRN2 QSB2		PLdn	MON
	0501z	22 Mar	[61011 70081 65181]	Strong		PLdn	THU
	0505z	23 Mar	[25221 21641 03722]			PLdn	FRI
	0506z	24 Mar	[00272 16051 13231]	0534z Fair QSB2/3		PLdn	SAT
	0505z	25 Mar	[12345 67890 12345]	Weak, QSB3		PLdn	SUN
	0501z	26 Mar	[01502 66662 84671]	0534z Strong, QSB2		PLdn	MON
	0500z	29 Mar	[03471 54522 12352]	(GT-Lexington, KY#2)		MS	THU
	0500z	30 Mar	[12345 67890 (R)]	Started at 0505z with SK01 burst, Strong		PLdn	FRI
	0506z	31 Mar	[..... 68141 40411]	(Station up 6 minutes late and IP)		MS	SAT
6785	1900z	05 Mar	[.83.. 50081 .387.]	(GT-Vero Beach, FL) (Too garbled for copy)		MS	MON
	1900z	07 Mar	[52551 63222 62862]	(GT-Vero Beach, FL)		MS	WED
	1904z	21 Mar	[..... ..]	(Signal too weak and fades out) (GT-Vero Beach, FL)		MS	WED
	1900z	23 Mar	[73402 76441 27651]	(GT-Vero Beach, FL)		MS	FRI
	1900z	28 Mar	[08801 50442 24032]	(GT-Vero Beach, FL)		MS	WED
6854	2200z	07 Mar	[05082 34782 75002]	(GT-Vero Beach, FL)		MS	WED
	2200z	08 Mar	[03341 44552]	(GTs-Lexington, KY#2) (This stn should be on 8009kHz)		MS	THU
	2200z	21 Mar	[18141 16262 74131]	(GT-Vero Beach, FL)		MS	WED
	2200z	28 Mar	[05762 04742 40872]	(GT-Vero Beach, FL)		MS	WED
6932	2100z	22 Mar	[34042 37662 85211]	QSA1 QRN5 (shifted freq 100-200Hz shortly after starting msg)		Herb	THU
	2100z	28 Mar	[05762 04742 40872]	(GT-Vero Beach, FL)		MS	WED
	2100z	29 Mar	[,, 47331 42052]	(GT-Lexington, KY#2) (Missed first call-up)		MS	THU
7519	2200z	07 Mar	[78572 02282]	(GT-Vero Beach, FL)		MS	WED
	2225z	07 Mar	[LG UTUWA]	Fair QRN3		Herb	WED
	2200z	09 Mar	[71851 76612 76112]	(GT-Lexington, KY#2)		MS	FRI
	2200z	12 Mar	[18431 12761 67221]			Herb	MON
	2200z	12 Mar	[12761 67221 18431]	(GT-San Antonio#4)		MS	MON
	2200z	14 Mar	[20521 60212 84662]	(GT-San Antonio#4)		MS	WED
	2200z	14 Mar	[20521 60212 84662]	QSA2 QSB3 WED		Herb	WED
	2200z	16 Mar	[30011 80652 70201]	(GT-Vero Beach, FL)		MS	FRI
	2200z	19 Mar	[37521 36401 57872]	(GT-Vero Beach, FL)		MS	MON
	2200z	23 Mar	[63651 66612 17722]	(GT-Vero Beach, FL)		MS	FRI
	2200z	26 Mar	[44251 47152 68432]			Herb/MS	MON
	2200z	28 Mar	[60002 08841 38361]	(GT-Vero Beach, FL)		MS	WED
	2200z	30 Mar	[55031 72412 86861]	(GT-San Antonio, TX#4)		MS	FRI

7526	2200z	06 Mar	[47631 20851 40231]	(GT-San Antonio#4)	MS	TUE
	2200z	13 Mar	[42822 66552 66101]	(Xmtr problems. Cutting out badly). (GT-Lexington, KY#2)	MS	TUE
	2200z	20 Mar	[04651 03631 23011]	(GT-Vero Beach, FL)	MS	TUE
	2200z	27 Mar	[03251 34711 50112]	(GT-San Antonio, TX.#4)	MS	TUE
7554	2000z	05 Mar	[78382 50081 23871]	(GT-Lexington, KY#2)	MS	MON
	2000z	07 Mar	[52551 63222 62862]	(GT-Vero Beach, FL)	MS	WED
	2000z	07 Mar	[31011 30081 75121]	(GT-Lexington, KY#20)	MS	MON
	2000z	28 Mar	[08801 50442 24032]		MS/Herb	WED
	2000z	29 Mar	[68312 16572 31032]	(GT-Vero Beach, FL)	MS	THU
	2000z	29 Mar	[16572 31032 68312]	QSA1	Herb	THU
7579	1300z	02 Mar	[83752 17631 32181]	(GTs-San Antonio#4)	MS	FRI
	1300z	05 Mar	[61351 44322 27211]	(GT-San Antonio#4)	MS	MON
	1300z	06 Mar	[02551 06451 21811]	(GT-Vero Beach, FL)	MS	TUE
	1300z	07 Mar	[12345 67890]	(R28) (GT-Lexington, KY#2) I guess a null message	MS	WED
	1300z	08 Mar	[08642 24762 28642]	(GT-Lexington, KY#2)	MS	THU
	1300z	09 Mar	Did not catch the sign on groups. Listened until after 1315z		S	FRI
	1300z	09 Mar	[70811 84561 74061]	(GT-Lexington, KY#2)	MS	FRI
	1300z	12 Mar	[... 61551 81042]	(Came in late and missed first call up) (GT-Lexington, KY#20)	MS	MON
	1300z	13 Mar	[24741 76181 28142]	(GT-Lexington, KY#2)	MS	TUE
	1300z	14 Mar	[12062 15012 56221]	(GT-San Antonio#4)	MS	WED
	1300z	15 Mar	[72312 20621 44171]	(GT-Lexington, KY#2)	MS	THU
	1300z	16 Mar	[51811 75542 58332]	(GT-San Antonio#4)	MS	FRI
	1300z	20 Mar	(Transmitter is garbling badly. Unreadable.) (GT-San Antonio, TX#4)		MS	TUE
	1300z	21 Mar	[57622 07152 58362]	(GT-Vero Beach, FL)	MS	WED
	1300z	22 Mar	[..... 71032 06341]	(Missed first call-up.) (GT-Vero Beach, FL)	MS	THU
	1300z	23 Mar	[36612 18722 50032]	(GT-Lexington, KY#2)	MS	FRI
	1300z	26 Mar	[53082 73541 03022]	(GT-Vero Beach, FL)	MS	MON
	1300z	27 Mar	[47782 84101 31232]	(GT-Lexington, KY.#2)	MS	TUE
	1300z	28 Mar	[63222 15512 21862]	(GT-Lexington, KY#2)	MS	WED
	1300z	28 Mar	[63222 15512 21861]	QSA5 WED nice signal	Herb	WED
	1300z	29 Mar	[64342 32471 56831]	(GT-Vero Beach, FL)	MS	THU
	1300z	30 Mar	[18031 37632 01532]	(GT-Vero Beach, FL)	MS	FRI
8009	2300z	05 Mar	[44842 41122 14011]	(GT-Lexington, KY#2)	MS	MON
	2200z	08 Mar	[21011 62121]	(GT-Lexington, KY#2) (This stn should be on 6854kHz)	MS	THU
	2300z	12 Mar	[12761 67221 18431]	(GT-San Antonio#4)	MS	MON
	2300z	14 Mar	[20521 60212 84622]	NICE!! QSA5	Herb	WED
	2200z	15 Mar	[64711 27621 16421]	(GT-Vero Beach, FL)	MS	THU
	2300z	19 Mar	[21031 07321 48432]	(GT-Lexington, KY#2)	MS	MON
	2200z	22 Mar	[18702]	(IP) QSA3 QRN1	Herb	THU
	2300z	26 Mar	[44251 47152 68432]		Herb/MS	MON
	2200z	29 Mar	[68041 85101 84802]	(GT-San Antonio, TX#4)	MS	THU
8096	1400z	02 Mar	[83752 17631 32181]	(GT-San Antonio#4)	MS	FRI
	1400z	05 Mar	[44322 27211]	(GT-San Antonio#4)	MS	MON
	1400z	06 Mar	[02551 06451 21811]	(GT-San Antonio#4)	MS	TUE
	1400z	07 Mar	[21321 46801 45441]	(GT-Lexington, KY#2)	MS	WED
	1400z	08 Mar	[08642 24762 28642]	(GT-Lexington, KY#2)	MS	THU
	1400z	09 Mar	[70811 84561 74061]	(GT-Lexington, KY#2)	MS	FRI
	1400z	12 Mar	[..... 61551 81042]	(Stn started late and came up IP) (GT-Lexington, KY#20)	MS	MON
	1400z	13 Mar	[27142]	Weak QSA2 QSB3	Herb	TUE
	1400z	13 Mar	[24741 76181 28142]	(GT-Lexington, KY#2)	MS	TUE
	1300z	14 Mar	[5622]	(IP)	Herb	WED
	1400z	14 Mar	[12062 15012 56221]	(GT-San Antonio#4)	MS	WED
	1400z	14 Mar	[15012 56221 12062]	QSA2 QSB4 QRM4	Herb	WED
	1400z	15 Mar	[72312 20621 44171]	(GT-Lexington, KY#2)	MS	THU
	1400z	16 Mar	[51811 75542 58332]	(GT-San Antonio#4)	MS	FRI
	1400z	19 Mar	[35442 51172 71452]	(GT-San Antonio, TX#4)	MS	MON
	1400z	20 Mar	[62871 02431 27881]	(GT-Lexington, KY#2)	MS	TUE
	1400z	21 Mar	[57622 07152 58362]	(GT-Vero Beach, FL)	MS	WED
	1400z	22 Mar	[03402 82642 22161]	(GT-Vero Beach, FL)	MS	THU
	1400z	23 Mar	[36612 18722 50032]	(GT-San Antonio, TX#4)	MS	FRI
	1400z	28 Mar	[63222 15512 21861]	QSA5 QRN4	Herb	WED
	1400z	29 Mar	[64342 32471 56831]	(GT-Vero Beach, FL)	MS	THU
8097	1800z	05 Mar	[86382 70551 87351]	(GT-Vero Beach, FL)	MS	MON
	1900z	05 Mar	[86382 70551 87351]	(GT-Lexington, KY#2)	MS	MON
	1800z	09 Mar	[15781 84612 00061]	(Very weak signal) (GT-Vero Beach, FL)	MS	FRI
	1800z	16 Mar	[87611 34821 33461]	(GT-Greensboro, NC)	MS	FRI
	1900z	16 Mar	[87611 34821 33461]	(GT-Lexington, KY#2)	MS	FRI
	1800z	12 Mar	[..... 81311 40072]	(Stn started late and came up IP) (GT-Vero Beach, FL)	MS	MON
	1900z	12 Mar	[33212 81311 40072]	(GT-Vero Beach, FL)	MS	MON
	1800z	14 Mar	[85542 50451 24842]	(GT-Lexington, KY#2)	MS	WED
	1900z	14 Mar	[85542 50451 24842]	(GT-Lexington, KY#2)	MS	WED
	1800z	21 Mar	[..... 87481 68671]	(Came in late and missed first call-up.) (GT-Greensboro, NC)	MS	WED
	1900z	21 Mar	[84751 13611 75401]	(GT-Vero Beach, FL)	MS	WED
	1800z	23 Mar	[71771 83021 74211]	(GT-Vero Beach, FL)	MS	FRI
	1900z	23 Mar	[71771 83021 74211]	(GT-Vero Beach, FL)	MS	FRI
	1800z	28 Mar	[47821 42721 67132]	(GT-Vero Beach, FL)	MS	WED
	1900z	28 Mar	[47821 42721 67132]		Herb/MS	WED
	1800z	30 Mar	[06181 10072 50401]	(GT-Lexington, KY#2)	MS	FRI

	1900z	30 Mar	[06181 10072 50401] (GT-Grand Junction, CO)	MS	FRI
8135	2300z	02 Mar	[57282 08722 40032] (GT-Vero Beach, FL)	MS	FRI
	2300z	06 Mar	[71662 56372 88331] (GT-San Antonio#4) Different msgs to 2200z primary	MS	TUE
	2300z	08 Mar	[54411 03341 44552] (GT-Lexington, KY#2)	MS	THU
	2300z	09 Mar	[71851 76612 76112] (GT-Lexington, KY#2)	MS	FRI
	2300z	13 Mar	[42822 66552 66101] (GT-San Antonio#4)	MS	TUE
	2300z	16 Mar	[30011 80652 70201] (GT-Lexington, KY#2)	MS	FRI
	2300z	20 Mar	[04651 03631 23011] (GT-Lexington, KY#2)	MS	TUE
	2258z	22 Mar	[10251 18702 56231] QSA4 QSB2	Herb	THU
	2300z	23 Mar	[63651 66612 17722]	Herb/MS	FRI
	2300z	27 Mar	[..... 88102 87642] (GT-San Antonio, TX#4) (Stn up late at 2306z, different msgs than 2200z)	MS	TUE
	2300z	29 Mar	[68041 85101 84802] (GT-San Antonio, TX#4)	MS	THU
	2300z	30 Mar	[55031 72412 86861] (GT-San Antonio, TX#4)	MS	FRI
9063	0800z	09 Mar	Carrier present but no transmission sent). (GT-San Antonio#4)	MS	FRI
9112	1000z	02 Mar	[Carrier present, but no transmission]	MS	FRI
9113	1017z (IP)	23 Mar	In progress with transmission in MCW - five letter groups. s/off SK at 1034z	S	FRI
9153	0700z	09 Mar	[..... 11331 26602] (Came in late and missed first call-up). (GT-San Antonio#4)	MS	FRI
	0700z	14 Mar	[51262 80302 31511]	MS	WED
10432	0900z	02 Mar	[81101 65742 16051]	MS	FRI
10445	0300z	15 Mar	[17831 64301 80602] (GT-San Antonio#4)	MS	THU
	0300z	29 Mar	[03011 02871 44841] (GT-San Antonio, TX#4)	MS	THU
11565	0400z	29 Mar	[03011 02871 44841] (GT-San Antonio, TX#4)	MS	THU
12180	1900z	08 Mar	(Stn very weak, and QRM blocking badly.) (GT-Vero Beach, FL)	MS	THU
13380	2000z	08 Mar	[06661 70111 23221] (GT-San Antonio#4)	MS	THU
15781	1900z	09 Mar	[15781 84612 00061] (GT-Lexington, KY#2)	MS	FRI

April 2012:

GT = Global Tuners (Online remotely controlled receivers)

Mark (MS) reports that on Wed 11 Apr all but the 2200z M08a sked on 6854m were nil heard during the afternoon period (1800-2300z).

5800	0600z	01 Apr	[81002 71122 08121]	MS	SUN
	0600z	02 Apr	[85421 17101 67781]	MS	MON
	0600z	12 Apr	[00182 32621 76472]	MS	THU
5898	0501z	07 Apr	[55782 53062 07352 LG 21065] LOS 0504z to 0519z, ended ARARAR SK 0535z Fair, QSB2	PLdn	SAT
	0507z	08 Apr	[12345 67890] Weak, poor copy	PLdn	SUN
	0500z	09 Apr	[52182 66441 85301 LG8757 ARARAR SK] 0535z Fair	PLdn	MON
	0500z	12 Apr	[00182 32621 76472]	MS	THU
	0505z	13 Apr	[12202 66552 17041] Weak, HETQRM4	PLdn	FRI
	0505z	14 Apr	[Started in msg; 73862 38321 ARARAR SK] 0534z Weak and noisy	PLdn	SAT
	0505z	15 Apr	[62461 54281 02021 LG 32431 ARARAR SK] 0539z Fair	PLdn	SUN
	0505z	16 Apr	[87401 27712 24081] HETQRM4 Unsure of values	PLdn	MON
	0500z	21 Apr	[2nd msg 07511] Started in progress, Fair	PLdn	SAT
	0505z	22 Apr	[50621 11752 38752] Strong	PLdn	SUN
	0506z	23 Apr	Strong heterodyne across freq, Morse present, unreadable	PLdn	MON
	0500z	28 Apr	[68472 00062 81311] Weak	PLdn	SAT
	0501z	29 Apr	[12345 67890] 0503z Weak	PLdn	SUN
	0502z	30 Apr	[61382 61412 73581] Weak	PLdn	MON
6785	1900z	04 Apr	[.....] (Signal too weak and QRN too heavy for copy) (GT-Lexington, KY#2)	MS	WED
	1900z	05 Apr	[16151 16071 88761] (GT-Lexington, KY#2)	MS	THU
	1900z	06 Apr	[.....] (Stn too weak for good copy) (GT-Vero Beach, FL)	MS	FRI
	1900z	09 Apr	[58052 31262 35642] (GT-Vero Beach, FL)	MS	MON
	1900z	10 Apr	[82411 25862 34561] (GT-Lexington, KY#2)	MS	TUE
	1903z	17 Apr	[46381 63861 45651] (Stn came us late at 1903z) (GT-Vero Beach, FL)	MS	TUE
	1900z	19 Apr	[61372 81032 64722] (GT-Vero Beach, FL)	MS	THU
6854	2200z	04 Apr	[50732 10602 18241] (GT-Lexington, KY#2)	MS	WED
	2200z	05 Apr	[36422 37842 37481] (GT-Vero Beach, FL)	MS	THU
	2200z	11 Apr	[27331 00441 21821] (GT-Lexington, KY#2)	MS	WED
	2200z	12 Apr	[02221 77721 24851] (GT-Vero Beach, FL)	MS	THU
	2200z	19 Apr	[18112 00451 08011] (GT-Vero Beach, FL)	MS	THU
6932	2100z	04 Apr	[50732 10602 18241] (GT-Lexington, KY#2)	MS	WED
	2100z	12 Apr	[02221 77721 24851] (GT-Vero Beach, FL)	MS	THU
	2100z	18 Apr	[30842 14171 14432] (GT-Lexington, KY#2)	MS	WED
7519	2200z	02 Apr	[38721 80212 10581]	Herb/MS	MON
	2200z	09 Apr	[36202 87581 51471] (GT-Lexington, KY#2)	MS	MON
	2200z	13 Apr	[74371 28082 60202] (GT-Lexington, KY#2)	MS	FRI
7526	2200z	03 Apr	[20151 06832 63852] (GT-Lexington, KY#2)	MS	TUE
	2200z	10 Apr	[70221 13001 24372] (GT-San Antonio, TX#4)	MS	TUE
	2200z	17 Apr	[82102 44581 37212] (GT-Vero Beach, FL)	MS	TUE

7554	2000z	02 Apr	NRH	Herb	MON
	2000z	03 Apr	[06222 82242 30021]	Herb	TUE
	2000z	05 Apr	[16151 16071 88761] (GT-Lexington, KY#2)	MS	THU
	2007z (IP)	09 Apr	[..... 42302 67601] (Stn up late & IP. Using different call-ups this hour) (GT-Vero Beach, FL)	MS	MON
	2000z	10 Apr	[32551 15671 30131] (GT-Lexington, KY#2)	MS	TUE
	2000z	17 Apr	[46381 63861 45651] (GT-Vero Beach, FL)	MS	TUE
	2000z	19 Apr	[61372 81032 64722] (GT-Lexington, KY#2)	MS	THU
7579	1300z	02 Apr	[46622 45622 65001] QSA1 QRN4 QSB4	Herb	MON
	1305z (IP)	02 Apr	[..... 45622 65001] (Station up late IP. Cutting out badly.) (GT-San Antonio, TX#4)	MS	MON
	1300z	03 Apr	[01011 70001 77601]	Herb/MS	TUE
	1300z	05 Apr	(Xmtr problems. Up and down at 1307z, again at 1316z. Normal at 1319z) (GT-Vero Beach, FL)	MS	THU
	1300z	06 Apr	[87781 60011 64632] (GT-Vero Beach, FL)	MS	FRI
	1300z	09 Apr	[37381 62022 52561] (GT-Vero Beach, FL)	MS	MON
	1300z	10 Apr	[78242 56481 72841] (GT-San Antonio, TX#4)	MS	TUE
	1304z (IP)	11 Apr	[..... 27752 47231] (Stn came up late and IP) (GT-San Antonio, TX#4)	MS	WED
	1300z	12 Apr	[76442 71242 22452]	Herb/MS	THU
	1300z	13 Apr	[..... 34362] (GT-Lexington, KY#2)	MS	FRI
	1303z(IP)	13 Apr	[in progress when transmitter turned on] QSA5 (Transmitter on and off and on again)	Herb	FRI
	1300z	17 Apr	[17821 30432 02221] (GT-Lexington, KY#2)	MS	TUE
	1300z	19 Apr	[11382 84451 61322] (GT-Lexington, KY#2)	MS	THU
	1300z	23 Apr	[54121 11571 21052] QSA4	Herb	MON
	1240z (IP)	25 Apr	[In Progress]	Herb	WED
	1252z	25 Apr	[12345 6789] QSA4	Herb	WED
	1300z	25 Apr	[32051 88421 82142] QSA4	Herb	WED
8009	2300z	02 Apr	[38721 80212 10581] (Signal is very weak this hour.)	Herb/MS	MON
	2200z	05 Apr	[04712 26882 10511] (GT-Vero Beach, FL)	MS	THU
	2300z	09 Apr	[36202 87581 51471] (GT-Lexington, KY#2)	MS	MON
	2203z (IP)	12 Apr	[..... 23502 24851] (Stn came up late and IP) (GT-Vero Beach, FL)	MS	THU
	2300z	16 Apr	[33771 31801 72011] (GT-Vero Beach, FL)	MS	MON
	2200z	19 Apr	[81341 34252 54631] (GT-Vero Beach, FL)	MS	THU
8096	1400z	02 Apr	[46622 45622 65001]	Herb/MS	MON
	1400z	03 Apr	[16262 85481 33262] (Different call-ups from previous 1300z sked on 7579)	Herb/MS	TUE
	1400z	04 Apr	[07372 74631 80182] (GT-Vero Beach, FL)	MS	WED
	1403z	05 Apr	(Stn up late and IP. Signal fades away before call-ups can be recovered) (GT-Vero Beach, FL)	MS	THU
	1400z	06 Apr	[87781 60011 64632] (GT-Vero Beach, FL)	MS	FRI
	1400z	09 Apr	[37381 62022 52561] (GT-Vero Beach, FL)	MS	MON
	1400z	10 Apr	[78242 56481 72841] (GT-San Antonio, TX#4)	MS	TUE
	1400z	11 Apr	[48751 27752 47231] (GT-Lexington, KY#2)	MS	WED
	1400z	12 Apr	[76442 71242 22452]	Herb/MS	THU
	1400z	13 Apr	[25042 28011 34362]	Herb/MS	FRI
	1400z	16 Apr	[51172 75851 26162] (GT-Vero Beach, FL)	MS	MON
	1400z	17 Apr	[17821 30432 02221] (GT-Lexington, KY#2)	MS	TUE
	1400z	19 Apr	[11382 84451 61322] (GT-Lexington, KY#2)	MS	THU
	1400z	23 Apr	[54121 11571 21052] QSA4	Herb	MON
	1400z	25 Apr	[32051 88421 82442] QSA4	Herb	WED
8097	1800z	02 Apr	[46532 04531 84272]	Herb/MS	MON
	1900z	02 Apr	[46532 04531 84272] QSA1 QRN4 QRS5	Herb	MON
	1804z (IP)	04 Apr	[..... 02131 17432] (Station up late and IP. Went silent from 1816z thru 1823z then back up IP)	MS	WED
	1900z	04 Apr	[84672 02131 17432] (GT-Lexington, KY#2)	MS	WED
	1900z	06 Apr	[04521 22471 43751] (GT-Vero Beach, FL)	MS	FRI
	1800z	09 Apr	[11352 60352 53282] (GT-Lexington, KY#2)	MS	MON
	1900z	09 Apr	[11352 60352 53282] (GT-Vero Beach, FL)	MS	MON
	1900z	16 Apr	[27541 34762 50131] (GT-Lexington, KY#2)	MS	MON
8135	2300z	03 Apr	[20151 06832 63852] (GT-Lexington, KY#2)	MS	TUE
	2300z (IP)	05 Apr	[..... 26882 10511] (Stn up late and IP) (GT-Vero Beach, FL)	MS	THU
	2300z	10 Apr	[70221 13001 24372] (GT-San Antonio, TX#4)	MS	TUE
	2304z (IP)	12 Apr	[..... 23502 24851] (Stn found late and IP) (GT-Lexington, KY#2)	MS	THU
	2300z	13 Apr	[74371 28082 60202] (GlobalTuners-Vero Beach, FL)	MS	FRI
	2300z	13 Apr	[28082 60202 74371] QSA4	Herb	FRI
	2300z	17 Apr	[82102 44581 37212] (GT-Vero Beach, FL)	MS	TUE
9063	0900z	09 Apr	[58182 18771 77582]	MS	MON
9112	1009z	01 Apr	[..... 76451 23581] (Station up 9 minutes late and IP)	MS	SUN
	1025z	27 Apr	[Carrier with a tone could be heard on 9112 KHz and the actual CW was on 9110.592 KHz]	S	FRI
9113	1015z (IP)	13 Apr	[78232 in progress] QSA5 (After SK part of a broadcast in English heard with a Spanish accent)	Herb	FRI
12180	1904z	03 Apr	[..... 81242 ..] (Missed 1st & 3rd call-up. Changed to V02a 1925z) (GT-Lexington, KY#2)	MS	TUE
	1900z	12 Apr	[30431 58782 82822] QSA4 (M08a accidentally on V02a freq!!)	Herb	THU
	1906z (IP)	17 Apr	[..... ..] (Up late & IP. Down at 1908z & changes to V02a) (GT-Vero Beach, FL)	MS	TUE
13380	2000z	12 Apr	[30431 58782 82822] QSA5	Herb	THU
	2000z	12 Apr	[30431 82822 58782] (GT-Lexington, KY#2)	MS	THU

M08c
No reports

M08d
No reports

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

To be read in conjunction with Brian's included monthly charts. New ID's may be only for the month/sched shown, but not necessarily unknown, all are clearly identified on Brian's charts. The reason for their reuse, some after long periods of time, is unknown.

M12 continues to provide a high output of transmissions, most of which are regular schedules. Some have repeated from last year, others from recent months and a few new ones have appeared over the last two months.

Null msgs have been regularly sent using the ID 785 in Apr & Sept at 2100z on Wednesdays, since being discovered in Sept 2007. On Wed 11 April a msg of 121 grps was finally sent, presumably to a patient and eager recipient.

March 2012:

5763/5163/---	2200/20/40z	07 Mar	714 000		HFD	WED
5829/6929/8029	0440/0450/0510z	22 Mar	890 1		HFD	THU
8158/9258/---	0600/20/40z	10 Mar	126 000	Continuing the 0600z sched	BR	SAT
9176	1900z	08 Mar	257 1	(5916 69)	GD	THU
9176/7931/6904	1800/20/40z	12 Mar	257 1		HFD	MON
	1900/20/40z	12 Mar	257 1		HFD	MON
	1700/20/40z	19 Mar	257 1		HFD	MON
10343/9264/8116	1830/1850/1910z	20 Mar	124 1		HFD	TUE
	1800/20/40z	22 Mar	124 1		HFD	THU
	1700/20/40z	29 Mar	124 1		HFD	THU
	1800/20/40z	29 Mar	124 1		HFD	THU
10813/12213/---	1330/1350/1410z	29 Mar	282 000	Weak QRN3 QSB3	Spectre	THU
10968	1500z	07 Mar	543 1	Rpt of Mon	RNGB	WED
11524/10424/9324	1300/20/40z	05 Mar	543 1	(579 183) 48842 15380.....	RNGB	MON
12162/11561/10711	1600/20/40z	19 Mar	546 1		HFD	MON
14769/16269	1010/1030z	04 Mar	721 000	1010z weak / 1030z strong	BR / Danix	SUN
16269/18169	1030/1050z	15 Mar	721 1	(181 95) 31914...	FN	THU

April 2012:

5829/6929/8029	0340/0400/0420	12 Apr	890 1		HFD	THU
6793/5893/---	2100/20/40z	04 Apr	785 000		HFD	WED
7484/8084/---	0630/0650/0710z	05 Apr	402 000	Fills gap in sched - Now 0630z for summer.	BR	THU
8047/6802/5788	1700/20/40	12 Apr	463 1		HFD	THU
9176/7931/6904	1700/20/40z	05 Apr	257 1		HFD	THU
	1900/20/40	05 Apr	257 1		HFD	THU
	1800/20/40	16 Apr	257 1		HFD	MON
10343/9264/8116	1830/1850/1910	10 Apr	124 1		HFD	TUE
	1800/20/40	12 Apr	124 1		HFD	THU
11435/10598/9327	1830/1850/9327	25 Apr	938 1		HFD	WED
11469/10469/---	2110/30/50z	07 Apr	441 000	Fills gap in 2110z summer sched. Weak signals.	BR	SAT
12162/11566/10711	1600/20/40z	09 Apr	546 1	(546 48) 00535 80778 etc (yes the DK was same as ID)!!	RNGB/HFD	MON
10711	1640z	23 Apr	546 1	(4995 90) 65215 33397 25888 etc	RNGB	MON
13918/12218/10748	1500/20/40z	12 Apr	991 1		HFD	THU
		25 Apr	991 1		AB	WED

Spectre's M12 Logs

6904kHz	1740z 16/04	[257 1 9392 74 34762 51840 13302 ... 75564 000 000]	1746z Fair QRN3 QSB3	Spectre	MON
	1840z 16/04	[257 1 6327 70 92853 90156 96539 ... 19402 000 000]	1846z Fair QRN3 QSB3	Spectre	MON
	1940z 16/04	[257 1 6924 86 38997 33192 44179 ... 34005 000 000]	1946z Fair QRN3 QSB3	Spectre	MON
	1740z 23/04	[257 1 9083 78 22726 53856 68255 ... 82786 000 000]	1745z Fair QRN3 QSB3	Spectre	MON
	1840z 23/04	[257 1 2871 45 88269 14650 84526 ... 33145 000 000]	1845z Fair QRN3 QSB3	Spectre	MON
	1940z 23/04	[257 1 4806 63 93597 72126 51308 ... 43854 000 000]	1946z Fair QRN3 QSB3	Spectre	MON
	1740z 30/04	[257 1 9367 74 43597 47217 51888 ... 33795 000 000]	1746z Fair QRN3 QSB3	Spectre	MON
	1840z 30/04	[257 1 2210 53 20292 76409 76617 ... 25454 000 000]	1845z Fair QRN3 QSB3	Spectre	MON
	1940z 30/04	[257 1 5396 81 66334 81953 49720 ... 69436 000 000]	1947z Fair QRN3 QSB3	Spectre	MON

7931kHz	1720z 16/04	[257 1 9392 74 34762 51840 13302 ... 75564 000 000]	1726z Fair QRN3 QSB3	Spectre	MON
	1820z 16/04	[257 1 6327 70 92853 90156 96539 ... 19402 000 000]	1826z Fair QRN3 QSB3	Spectre	MON
	1920z 16/04	[257 1 6924 86 38997 33192 44179 ... 34005 000 000]	1926z Fair QRN3 QSB3	Spectre	MON
	1720z 23/04	[257 1 9083 78 22726 53856 68255 ... 82786 000 000]	1725z Fair QRN3 QSB3	Spectre	MON
	1820z 23/04	[257 1 2871 45 88269 14650 84526 ... 33145 000 000]	1825z Fair QRN3 QSB3	Spectre	MON
	1920z 23/04	[257 1 4806 63 93597 72126 51308 ... 43854 000 000]	1926z Fair QRN3 QSB3	Spectre	MON
	1720z 30/04	[257 1 9367 74 43597 47217 51888 ... 33795 000 000]	1726z Fair QRN3 QSB3	Spectre	MON
	1820z 30/04	[257 1 2210 53 20292 76409 76617 ... 25454 000 000]	1825z Fair QRN3 QSB3	Spectre	MON
	1920z 30/04	[257 1 5396 81 66334 81953 49720 ... 69436 000 000]	1927z Fair QRN3 QSB3	Spectre	MON
8116kHz	1840z 20/04	[124 1 6395 73 86082 46823 36948 ... 95054 000 000]	1846z Fair QRN3 QSB3	Spectre	FRI
9176kHz	1700z 16/04	[257 1 9392 74 34762 51840 13302 ... 75564 000 000]	1706z Fair QRN3 QSB3	Spectre	MON
	1800z 16/04	[257 1 6327 70 92853 90156 96539 ... 19402 000 000]	1806z Fair QRN3 QSB3	Spectre	MON
	1900z 16/04	[257 1 6924 86 38997 33192 44179 ... 34005 000 000]	1906z Fair QRN3 QSB3	Spectre	MON
	1700z 23/04	[257 1 9083 78 22726 53856 68255 ... 82786 000 000]	1705z Fair QRN4 QSB3	Spectre	MON
	1800z 23/04	[257 1 2871 45 88269 14650 84526 ... 33145 000 000]	1805z Fair QRN4 QSB3	Spectre	MON
	1900z 23/04	[257 1 4806 63 93597 72126 51308 ... 43854 000 000]	1906z Fair QRN4 QSB3	Spectre	MON
	1700z 30/04	[257 1 9367 74 43597 47217 51888 ... 33795 000 000]	1706z Fair QRN3 QSB3	Spectre	MON
	1800z 30/04	[257 1 2210 53 20292 76409 76617 ... 25454 000 000]	1805z Fair QRN3 QSB3	Spectre	MON
	1900z 30/04	[257 1 5396 81 66334 81953 49720 ... 69436 000 000]	1907z Fair QRN3 QSB3	Spectre	MON
9264kHz	1820z 20/04	[124 1 6395 73 86082 46823 36948 ... 95054 000 000]	1826z Fair QRN3 QSB3	Spectre	FRI
10343kHz	1800z 20/04	[124 1 6395 73 86082 46823 36948 ... 95054 000 000]	1806z Fair QRN3 QSB3	Spectre	FRI
10711kHz	1640z 23/04	[546 1 4995 90 65215 33397 25888 ... 02974 000 000]	1647z Fair QRN3 QSB3	Spectre	MON
	1640z 30/04	[546 1 8526 84 34388 33670 34022 ... 77752 000 000]	1647z Fair QRN3 QSB3	Spectre	MON
11566kHz	1620z 23/04	[546 1 4995 90 65215 33397 25888 ... 02974 000 000]	1627z Fair QRN3 QSB3	Spectre	MON
	1620z 30/04	[546 1 8526 84 34388 33670 34022 ... 77752 000 000]	1627z Fair QRN3 QSB3	Spectre	MON
11579kHz	1910z 22/04	[845 1 163 231 58171 46380 79970 ... 47176 000 000]	1925z Fair QRN3 QSB2	Spectre	SUN
	1910z 29/04	[845 1 103 187 23311 95011 44432 ... 51772 000 000]	1922z Fair QRN3 QSB3	Spectre	SUN
12162kHz	1600z 23/04	[546 1 4995 90 65215 33397 25888 ... 02974 000 000]	1607z Fair QRN4 QSB3	Spectre	MON
	1600z 30/04	[546 1 8526 84 34388 33670 34022 ... 77752 000 000]	1607z Fair QRN3 QSB3	Spectre	MON
13479kHz	1850z 22/04	[845 1 163 231 58171 46380 79970 ... 47176 000 000]	1905z Fair QRN3 QSB2	Spectre	SUN
	1850z 29/04	[845 1 103 187 23311 95011 44432 ... 51772 000 000]	1902z Fair QRN3 QSB3	Spectre	SUN
14879kHz	1830z 22/04	[845 1 163 231 58171 46380 79970 ... 47176 000 000]	1845z Fair QRN3 QSB2	Spectre	SUN
	1830z 29/04	[845 1 103 187 23311 95011 44432 ... 51772 000 000]	1842z Fair QRN3 QSB3	Spectre	SUN

M12a (two message variant)
No reports

M14 IA MCW / ICW / MCWCC, short 0

March 2012:

5561	0900z	10 Mar	171 (399 15) =	[21365 78695 32387 05640.....431?2]	RNGB	SAT
5945	1820z 346 567 15 =	27 Mar	346 (567 15) =	[65745 ... 54679 = 567 15 00000]	Spectre/HFD	TUE
65745 54632 43567 65789 47546 43234 43523 43567 78690 66876 98763 54632 43255 54478 54679 = 567 15 00000 <i>Courtesy Spectre</i>						

April 2012:

5463	1920z	11 Apr	537 (761 15) =	[87364 45638 76890 76545.....54634]	RNGB/Spectre	WED
537 761 15 = 87364 45638 76890 76545 42321 43679 90786 65467 65764 54654 87967 54634 54342 34231 54635 = 761 15 00000 <i>Courtesy Spectre</i>						
	1920z	25 Apr	537 (761 15) =	[87364 45638 76890 76545.....54634]	RNGB/HFD	WED
5561	0900z 0900z	07 Apr 14 Apr	171 (557 15) = 171 (557 15) =	[34567 89706 54786.....23145] Signal good to poor – QSB [34567 89706 etc] (repeat of previous week)	RNGB RNGB	SAT SAT
8193	1800z	06 Apr	269 00000	MCW	RNGB	FRI
9941	1700	11 Apr	343 (768 10) =	[75829 83789 61215 77886.....72381]	RNGB	WED
8167 (IP)	1635z	23 Apr	... (179 42)	In Progress. Ended at 1640 with 003126 = 179 42 00000 1600/1630 10923/8167 ?? Schedule ID 058 ?? Maybe a repeat of a Sunday broadcast	RNGB	MON

M14a (two message variant)
No reports

M18 IC Time strings, UTC+4

GT = Global Tuners (Online remotely controlled receivers)

4073	2136z (IP)	27 Mar	[IP 1551 (R10) 1552 (R10) ... 1606 (R10)] Weak QRN3 QSB3	Spectre	TUE
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(Spectre writes; This station was found on a WebSDR by accident, I tuned the SDR to another frequency so I could compare a nearby SSB signal with one of my own receivers when I heard Morse coming from the SDR. On a closer inspection of the Morse, and a quick look in The Enigma 2000 Control List it turned out to be M18.)

For a recording online visit: <http://www.youtube.com/watch?v=P5t3a3HMmAQ>

4072	2200z (IP) (In progress - 2200z)	27 Mar	(In Progress - 15 minutes fast - [1715 etc] - Long zero) (GT Slovakia)	JPL	TUE
			1715 1715 1715 1715 1715 1715 1715 1715 1716 1716 1716 1716 1716 1716 1716 1716 1717 1717 1717 1717 1717 1717 1717 1717		
			1718 1718 1718 1718 1718 1718 1718 1718 1719 1719 1719 1719 1719 1719 1720 1720 (long zero - 2205z)		
4072	2305 - 2306z (IP)	28 Mar	(In Progress - 16 minutes fast [1822 etc] - Long zero) (GT Netherlands)	JPL	WED
4072	2001 - 2002z (IP)	30 Mar	(In Progress - Time strings - [0001 etc] - Long zero) (GT Slovakia)	JPL	FRI

M23 O ICW

BR came across this one in progress, in the 80m amateur band, which was taken up by JPL who quickly found a repeat;

3659	1758z (IP)	02 Mar	'747' (R10?) Strong Sig	BR	FRI
	1909 -1910z (IP)	02 Mar	'747' Strong (GlobalTuners Slovakia)	JPL	FRI
	1858 -1910z	03 Mar	'747' (R12) (GlobalTuners Slovakia)	JPL	SAT
	1758z	04 Mar	'747' (R)] 1810z Strong, // not found	PLdn/DoK	SUN
	1858z	04 Mar	'747' (R)] 1910z Strong, // not found	PLdn/DoK	SUN
	1900 - 1910z (IP)	04 Mar	'747' Weak (GlobalTuners Germany) Much louder sig Slovakia	JPL	SUN
	1758 -1810z	05 Mar	'747' (R12) Strong Sig // not found	BR/JPL/PLdn	MON
	1858 -1910z	05 Mar	'747' (R12) Strong Sig // not found (11m53s)	BR/JPL/PLdn	MON

By Mon 05 Mar, it was established that the station was transmitting as follows;

3659	1758 - 1810z	06 Mar	'747' (R12)	Daily
3659	1858 - 1910z	06 Mar	'747' (R12)	Daily

This schedule was monitored daily from Mon 05 Mar to Sat 24 Mar.

On Sun 25 Mar (Day of daylight saving change to GMT in UK), only the 1757z transmission was heard sending the routine '747' (R12), and although tuning tones were heard at 1827z & 1851z, the 1857z transmission failed to appear.

No further transmissions were heard on this sched despite a listening watch being maintained.

Transmissions started at H+57m 40s but were commencing a second or so earlier as each day passed, and by 24 Mar was H+57 15s. Each transmission lasted for almost 12mins - typically 11m 59s, though 11m53s was also recorded.

Signal strength was strong in London, also noted as extremely strong by JPL on the Slovakia Global Tuner.

JPL notes that there is usually another // freq - normally 1 or 2 MHz + or -. However, despite many careful searches by the monitors involved no other freq was found. '747' has been previously heard on 5340 / 5345 / 5450 / 5760 /5914.

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

9075	1700z	07 Mar	262 (389 150)	26738 04137 48717 etc (very fast)	Repeat of an 0900z tx ?	RNGB	WED
	1700z	21 Mar	262 (504 117)	63709 32572 etc (very fast)		RNGB	WED
8083	1830z	27 Apr	343 (670 81)			GD	FRI
8103	1841z (IP)	06 Apr	... (168 73)	... 03985 ...LG14379 ==	168 73 00000	JO	FRI
9956	1807z (IP)	13 Apr	... (259 76)	...LG87891 =	259 76 00000.	RNGB	FRI
9956/8105	1700/1730z	23 Apr	343 (917 58) =	48109 55415 44600 90648 30718.....23092		RNGB	MON

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

No reports

M45/2 XIV (Mar /Apr) MCW, slow, hand, paired grps. Will change to M45/3 for May - Aug ID 074, freqs 5074//5474.

4555//4955	1802z	08Mar	'555' (642 34)	75064...	GD/HFD	THU	
4555//4955	1804 -1820 z (IP)	13 Mar	'555' (642 34) (GlobalTuners Slovakia)		JPL	TUE	
			642 (x2) 34 (x2) BT (x2) (1806z)				
			75064 83781 53509 50211 66231 18524 83558 67044 95236 97909				
			56029 29863 62830 67459 65631 27289 88635 65101 96284 47055				
			77385 33611 03894 19979 83848 96059 22529 01964 36194 04081				
			02831 00597 33230 85856	Courtesy JPL			
			BT (x2)	642 (x2) 34 (x2)	0 0 0 (1820z)		
4555//4955	1802 -1820z	20 Mar	'555' (642 34)	(Same as Tue 13 Mar)	(GlobalTuners Slovakia)	JPL	TUE
4555//NRH	1819 -1820z (IP)	27 Mar		(In traffic) 0 0 0	(GlobalTuners Slovakia)	JPL	TUE

4555//4955	1802 -1822z	03 Apr	'555' (173 37) (GlobalTuners Slovakia)	JPL	TUE
173 (X2) 37 (X2) BT (x2) 85922 51556 36612 11709 84690 42115 14577 97508 28750 57881 46878 23340 13034 81315 69852 65722 64176 06157 01447 04921 79923 69316 80572 45667 28065 18891 64233 35917 14145 84187 33063 85193 49541 44790 37701 91613 89218 BT 173 BT 173 37 37 0 0 0 (1822Z) <i>Courtesy JPL</i>					

4555//NRH	1802 -1822z	05 Apr	'555' (173 37) (Very poor copy today) (GlobalTuners Slovakia)	JPL	THU
4555//4955	1810z	10 Apr	'555' (173 37) = 85922 36612 11709 etc (slow, and with mistakes)	RNGB	TUE
	1802 -1822z	24 Apr	'555' (173 37) (GlobalTuners Netherlands)	JPL	TUE

4555//4955	1802 -1817z	26 Apr	'555' (214 30) (GlobalTuners Netherlands)	JPL	THU
214 (x2) 30 (x2) BT (x2) 03771 25532 67276 01704 78293 70437 63422 12433 88223 87148 94227 12435 81406 17220 60821 19040 31269 90029 01292 48660 46335 56396 95714 53634 47202 41131 87162 82871 53170 70515 BT (x2) 214 (x2) 30 (x2) 0 0 0 (1817z) <i>Courtesy JPL</i>					

M50 XIV MCW
No reports

<u>M51</u>					
5890 //11574.5	0809 (IP) - 0915z	10 Mar	5 letter grps. 11574.5kHz very strong in Poland - weak in UK	Danix	SAT
6825	0838z	25 Mar	`AR CQ de FAV22 VA' Very strong, fast & m/c sent (Text: appreciation of technology / coded alpha grps)	PLdn	SUN
4458	2335 - 2341z	28 Apr	[NR 62 A 26 01:35:06 1984 BT RFTYB ... GWLDE BT] Fair QRN3 QSB3	Spectre	SAT
	2341 - 2347z	28 Apr	[NR 63 A 26 01:41:15 1984 BT PSBDO ... UNEOU BT] Fair QRN3 QSB3	Spectre	SAT
	2347 - 2353z	28 Apr	[NR 64 A 26 01:47:34 1984 BT OBUZT ... CAII S BT] Fair QRN3 QSB3	Spectre	SAT

M55 O
No reports

M62 O
No reports

M76 O

GD reports that he had not heard M76 all this season, but found it on Thursday 08 Mar. Signal was not very good with QSB.

3280	1755z	08 Mar	AOFP DE VL8L QTC 1??	GD	THU
It only sent one message and that was very strange with a lot of figure 9 in it, some of the groups were,					
40545 79501 999?? 91??? 21978 9???? 99341 99954 99513 ?5199 46938 19994 4???? 99943 93819 99424 <i>Courtesy GD</i>					

3280	1755 -1801z	09 Mar	12 UWS1 DE JR.7 QTC ... (Poor copy) (GlobalTuners Slovakia)	JPL	FRI
3280	1750 z	12 Mar	QY65 DE F6F9 QTC 175 29 Messages sent 160 32 159 36 009 23	GD	MON
3280	1758 -1800z	13 Mar	(In traffic) (GlobalTuners Slovakia)	JPL	TUE

99954 93219 99519 35199 94893 11999 46938 19994 49319 99943
93819 99429 38xxx (Silent 1800z) (Note: Lots of figure 9s again - same msg as 08 Mar?)

3280	1750 -1800z	14 Mar	7E3O DE M4F1 QTC 169 22 BT (GlobalTuners Slovakia)	JPL	WED
7E3O DE M4F1 QTC 169 22 BT 26310 15124 90080 30064 41786 02209 27615 13293 85649 04560 23621 72431 49917 16043 63603 R R R R R 20777 05075 14915 50391 6913X NNNN BT 16032 BT 44344 79525 05940 33690 20926 61901 93319 99383 55153 98535 59019 30355 15494 01999 .3.5. 990.8 53551 54940 19993 33559 .098. 199.3 31539 85355 18750 59398 65063 13.94 18650 63161 0.418 5437X BT 15.36 640545 79515 05940 33694 20926 6.901 93719 99353 55154 93119 9935 3 5590 1.7.9 99353 55154 93735 59019 34.55 15494 73559 .1934 35515 49311 99935 35518 75059 37960 86506 31399 39865 06336 99453 36942 16106 41854 37XXX BT 00021 BT 13045 79501 99947 19994 21999 40.99 93819 99341 99954 93219 99519 35199 94893 11999 46938 19994 49319 99943 93819 99429 38XXX (1800Z)					

3280	1700z	15 Mar	1FDX DE LYSS QTC 185 27	GD	THU
3280	1750z	16 Mar	9MAD DE GUC8 QTC 175 28 Message 080 21	GD	FRI

GD managed to copy the message with a large number of figure 9s. It is unusual as the first group is not the usual 40545 or end with the usual 437.

080 21
13045 79501 99947 19994 21999 40199 93819 99341 99954 93219
99519 94933 11999 46938 19994 49319 99945 15936 93819 99429
38XXX
Courtesy GD

3280	1750z	17 Mar	H6QR DE 59OU QTC 177 30 = 080 21	GD	SAT
3828	1750z	20 Mar	K2BJ DE AQ3Y QTC 184 29 BT (GlobalTuners Slovakia)	JPL	TUE

Note: The letter A in callsign AQ3Y was a barred A

K2BJ DE 'A Q3Y QTC 184 29 BT

26310 15184 90080 30264 11785 99209 25632 52553 60385 25664 92556 50362 75279 15505 91601 5XXXX NNNNN BT

183 7 BT

40545 79555 05950 33694 20928 15448 437XX BT

00021 BT

13045 79501 99947 19994 21999 40199 93819 99341 99954 93219 99519 35199 94893 11999 46938 19994 49319 9943 93819 99429 38XXX

(Repeats message - 1755z) AR (1800z)

(Note: The last part is a repeat of the 9's msg from 14 & 16 Mar)

M87 O
No reports

M89 O
JPL notes that when Hong Kong GlobalTuners was off the air on 20 - 22 Mar he was able to log many of the stations using GlobalTuners in the Netherlands, showing that it is possible to hear many of the M89 stations from Europe.

March 2012

GT = Global Tuners (Online remotely controlled receivers)

3297// NRH	1454 - 1455z	01 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1712 - 1719z	01 Mar	(In t/c - 5 fig using AU34567DNT cut nr format - Mostly U/R)	JPL	THU
	1944 - 1945z	01 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1440 - 1441z	02 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1454 - 1509z	03 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1920 - 1921z	03 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2235 - 2236z	03 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1505 - 1506z	04 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1659 - 1711z	04 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1914 - 1915z	04 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1404 - 1405z	05 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2028 - 2029z	05 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1957 - 1958z	06 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1813 - 1814z	07 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1539 - 1540z	09 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1327 - 1328z	12 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2059 - 2100z	12 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1426 - 1427z	13 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1833 - 1834z	13 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2151 - 2152z	13 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1817 - 1818z	14 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1229 - 1230z	15 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1812 - 1813z	15 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1316 - 1317z	16 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1714 - 1715z	16 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1444 - 1445z	18 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1552 - 1553z	18 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1643 - 1652z	18 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1426 - 1427z	19 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1913 - 1914z	19 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1229 - 1230z	23 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1549 - 1550z	23 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1514 - 1515z	25 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1712 - 1713z	25 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1526 - 1527z	27 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2138 - 2139z	27 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1442 - 1443z	28 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1831 - 1832z	28 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1317 - 1318z	29 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1940 - 1941z	30 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1709 - 1710z	31 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2124 - 2125z	31 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SAT

3642/7602 (3642 only)	1835 - 1836z	13 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	TUE
	2004 - 2005z	21 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Netherlands)	JPL	WED
4225/5500 (4225 only)	1452 - 1453z	01 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1727 - 1734z	01 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1945 - 1946z	01 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	2308 - 2309z	01 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1441 - 1519z	02 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1449 - 1450z	03 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1922 - 1923z	03 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2233 - 2234z	03 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1525 - 1658z	04 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1402 - 1403z	05 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2029 - 2030z	05 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1955 - 1956z	06 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1749 - 1750z	07 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1213 - 1214z	08 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	2232 - 2233z	09 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1326 - 1327z	12 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2058 - 2059z	12 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1432 - 1450z	13 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1831 - 1832z	13 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2152 - 2218z	13 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2228 - 2319z	13 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1833 - 1853z	14 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1923 - 1943z	14 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1231 - 1331z	15 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1810 - 1811z	15 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1314 - 1315z	16 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1728 - 1740z	16 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1147 - 1148z	18 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1547 - 1548z	18 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1433 - 1450z	19 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1911 - 1912z	19 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1227 - 1228z	23 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	(5500 only) 2002 - 2003z	21 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1555 - 1647z	23 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1512 - 1513z	25 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1714 - 1719z	25 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2224 - 2225z	25 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1524 - 1525z	27 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2136 - 2137z	27 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1121 - 1122z	28 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1439 - 1441z	28 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1829 - 1830z	28 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	(5500 only) 2259 - 2300z	28 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Netherlands)	JPL	WED
	1316 - 1317z	29 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1939 - 1940z	30 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1707 - 1708z	31 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2118 - 2119z	31 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
4474// NRH	2212 - 2213z	01 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	THU
	1902 - 1903z	02 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	FRI
	1841 - 1842z	03 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	SAT
	1912 - 1913z	03 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2239 - 2240z	03 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1847 - 1848z	05 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	MON
	2326 - 2327z	08 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	THU
	0029 - 0030z	09 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	FRI
	1822 - 1823z	15 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1716 - 1717z	16 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1917 - 1918z	18 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	SUN
	1812 - 1813z	19 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	MON
	1911 - 1912z	20 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Netherlands)	JPL	TUE
	2344 - 2345z	20 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Netherlands)	JPL	TUE
	1909 - 1910z	21 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Netherlands)	JPL	WED
	2010 - 2011z	21 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Netherlands)	JPL	WED
	0010 - 0011z	22 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Netherlands)	JPL	THU
	1727 - 1728z	23 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	FRI
	1727 - 1726z	25 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	SUN
			(In t/c until 1734z - mostly U/R)		
	2229 - 2230z	25 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	SUN
	1822 - 1823z	27 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	TUE
	1935 - 1936z	28 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	TUE
	2307 - 2359z	28 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Netherlands)	JPL	WED
	1956 - 1957z	30 Mar	V RXP7 (x3) DE CZT2 (x2) (Cont'd) (GT Slovakia)	JPL	FRI
4512/3797 (4512 only)	1556 - 1557z	01 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1725 - 1726z	01 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1947 - 1948z	01 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1437 - 1438z	02 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1451 - 1452z	03 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SAT

	2237 - 2238z	03 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1918 - 1919z	03 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1512 - 1513z	04 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1916 - 1917z	04 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1410 - 1411z	05 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2026 - 2027z	05 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	MON
(4512 only)	1958 - 2000z	06 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
(4512 only)	1818 - 1819z	07 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1541 - 1542z	09 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
(4512 only)	2335 - 2336z	09 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1328 - 1329z	12 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2102 - 2103z	12 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2149 - 2150z	13 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1828 - 1829z	14 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	WED
(4512 only)	1816 - 1817z	15 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1317 - 1318z	16 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1706 - 1714z	16 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1150 - 1240z	18 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1446 - 1502z	18 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1556 - 1642z	18 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1625 - 1642z	18 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1429 - 1430z	19 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1914 - 1915z	19 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1230 - 1231z	23 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1552 - 1553z	23 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1516 - 1517z	25 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
(4512 only)	1532 - 1533z	27 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
(4512 only)	2143 - 2144z	27 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1455 - 1456z	28 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1836 - 1837z	28 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1325 - 1326z	29 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(4512 only)	1946 - 1947z	30 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
(4512 only)	2126 - 2127z	31 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
4590**/ NRH					
	1916 - 1917z	03 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2240 - 2300z	03 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1513 - 1519z	04 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1915 - 1916z	04 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1330 - 1352z	12 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
			(Svc Comm msg sent at 1351z - mostly U/R)		
	1527 - 1535z	12 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2101 - 2102z	12 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1428 - 1429z	13 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1227 - 1228z	15 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1825 - 1847z	15 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1910 - 1911z	21 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Netherlands)	JPL	WED
	2007 - 2009z	21 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Netherlands)	JPL	WED
	1231 - 1232z	23 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1553 - 1554z	23 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1126 - 1127z	28 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1447 - 1448z	28 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
*Note: First time heard on this frequency by this listener!					
4590//7607	1328 - 1333z	16 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1515 - 1545z	16 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1529 - 1530z	27 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2141 - 2142z	27 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1500 - 1501z	28 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1835 - 1836z	28 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	2255 - 2256z	28 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Netherlands)	JPL	WED
	1326 - 1422z	29 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
			(Svc Comm msgs sent at 1328z and 1342z)		
	1944 - 1945z	30 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2000 - 2001z	30 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Slovakia)	JPL	FRI
4860// 6840					
	1719 - 1724z	01 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	2319 - 2324z	01 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	1420 - 1425z	02 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GTs Hong Kong)	JPL	FRI
	1920 - 1925z	03 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SAT
	1520 - 1525z	04 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
	1920 - 1925z	04 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
	1420 - 1425z	05 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	MON
(4860 only)*	2020 - 2025z	05 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	MON
			* Note: Unusual that //6840 was N/H as it's normally the best/loudest of the two frequencies. As well, 4860 was unusually weak		
	1820 - 1825z	07 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	WED
	1220 - 1225z	08 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	0020 - 0025z	09 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI
	1320 - 1325z	12 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	MON
	2220 - 2225z	13 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	2320 - 2325z	13 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
(6840 only)	1820 - 1825z	14 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	WED
	1223 - 1225z (IP)	15 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (IP) (GT Hong Kong)	JPL	THU
	1321 - 1326z	16 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI
	1721 - 1726z	16 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI

	1620 - 1625z	18 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
	1423 - 1425z (IP)	19 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (IP) (GT Hong Kong)	JPL	MON
	1920 - 1925z	19 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	MON
(6840 only)	2020 - 2025z	21 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Netherlands)	JPL	WED
	1921 - 1925z (IP)	22 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (IP) (GT Slovakia)	JPL	THU
(6840 only)	1520 - 1525z	25 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
	1720 - 1725z	25 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
(6840 only)	1824 - 1829z	27 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Slovakia)	JPL	TUE
	<i>Note: Sked was 4 minutes late. Not uncommon to be late by 1 minute, but 4 minutes is very unusual.</i>				
(6840 only)	2221 - 2226z	27 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Slovakia)	JPL	TUE
	1120 - 1125z	28 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	WED
	1420 - 1425z	28 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	WED
	1320 - 1325z	29 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	2119 - 2124z	31 Mar	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SAT
5230//NRH	1527 - 1528z	27 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1443 - 1445z	28 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1834 - 1835z	28 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1937 - 1938z	28 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	WED
	2257 - 2258z	28 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Netherlands)	JPL	WED
5278//NRH	2338 - 2339z	02 Mar	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
5801**//NRH	1915 - 1916z	20 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Netherlands)	JPL	TUE
	2146 - 2146z	20 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Netherlands)	JPL	TUE
	2342 - 2343z	20 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Netherlands)	JPL	TUE
**Note: First time heard by this listener on the frequency!					
6773//8040	2342 - 2343z	02 Mar	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
7582//8110	2327 - 2328z	01 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	0345 - 0346z	02 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2336 - 2337z	02 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	0253 - 0254z	04 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2356 - 2359z	04 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	0002 - 0011z	05 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	0134 - 0135z	07 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	2337 - 2338z	08 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	0001 - 0019z	09 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	0307 - 0308z	20 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	0222 - 0223z	27 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	0159 - 0200z	28 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	0142 - 0143z	31 Mar	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
7602// NRH	2209 - 2210z	01 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	THU
	1901 - 1902z	02 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	FRI
	1843 - 1844z	03 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	SAT
	1407 - 1408z	05 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1639 - 1640z	05 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	MON
	1912 - 1913z	07 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	WED
	2322 - 2325z	08 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	THU
	0028 - 0029z	09 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	FRI
	2105 - 2106z	12 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	MON
	1815 - 1816z	14 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	WED
	1814 - 1815z	15 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1918 - 1919z	18 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	SUN
	1911 - 1912z	21 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Netherlands)	JPL	WED
	0011 - 0027z	22 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	THU
	1727 - 1727z	23 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	FRI
	1727 - 1728z	25 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	SUN
	0140 - 0141z	27 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	TUE
	1319 - 1320z	29 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1942 - 1943z	30 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1958 - 1959z	30 Mar	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	FRI
7607// NRH	1406 - 1407z	05 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	0001 - 0002z	05 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1542 - 1543z	09 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1148 - 1149z	18 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1427 - 1428z	19 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1912 - 1913z	20 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Netherlands)	JPL	TUE
	1920 - 1921z	22 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Slovakia)	JPL	THU
	2233 - 2308z	22 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Slovakia)	JPL	THU
	1526 - 1527z	25 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1702 - 1711z	25 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1728 - 1729z	25 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Slovakia)	JPL	SUN
	2226 - 2227z	25 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1457 - 1458z	31 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Slovakia)	JPL	SAT
	1711 - 1712z	31 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1802 - 1849z	31 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2128 - 2129z	31 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2153 - 2305z	31 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (QSY to 10779 night freq)	JPL	SAT
	2305 - 2359z	31 Mar	V WITN (x3) DE GNXG (x2) (Cont'd) (QSY from 7607 day freq)	JPL	SAT

8789//NRH	2353 - 2354z	04 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2327 - 2335z	08 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) Svc msg sent at 2331z (GT Slovakia)	JPL	THU

VV HR SVC GA NR 49 0730 RMKS 2374 TO 8954 BT COMM/0815/LZ462A/2379/8954 AR AGN (Rpt msg) AR QSL ? HR WK NR 16 (Return to round-slip 2332z)

0315 - 0357z	20 Mar	(Probably GNXXG) (In tfc/chat) (Cont'd) (GT Hong Kong)	JPL	TUE
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GA (0315z) FM GA HI (0317z) QSL 1115 ? ?
R R NR 4819/EX 1117 RMKS ...6 RMKS 18779270 01078 92. BT
B/D BT B5/B AR AR QSL ? BT BT B5/B BT BT B5/B AR (0320z) (Silent)

(Briefly checked 10799 which is normally the // for this freq - GNXXG is sending channel marker as per normal. Did someone forget to put the R/S on?)

0138 - 0139z	27 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Slovakia)	JPL	TUE
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8789//10779	2339 - 2340z	08 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	0026 - 0027z	09 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	0026 - 0027z	09 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2346 - 2347z	20 Mar	V WITN (x3) DE GNXXG (x2) (In tfc-tail end of msg) (GT Slovakia)	JPL	TUE
	0225 - 0226z	27 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE

10779//NRH	0313 - 0315z	20 Mar	V WITN (x3) DE GNXXG (x2) (In tfc - mostly U/R)	JPL	TUE
	0008 - 0009z	22 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Slovakia)	JPL	THU
	0201 - 0202z	28 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	0144 - 0145z	31 Mar	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT

April 2012

GT = Global Tuners (Online remotely controlled receivers)

3297//NRH	1440 - 1441z	01 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2129 - 2130z	01 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2153 - 2154z	02 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1528 - 1529z	03 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1734 - 1735z	03 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1200 - 1227z	05 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong) (In tfc - 5 group cut number - mostly U/R)	JPL	THU
	1708 - 1709z	05 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1356 - 1357z	09 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2101 - 2102z	09 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1327 - 1328z	10 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1316 - 1317z	11 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1734 - 1735z	11 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	2058 - 2059z	11 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1834 - 1835z	13 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2145 - 2146z	13 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1757 - 1758z	14 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2042 - 2043z	14 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1511 - 1512z	15 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2044 - 2045z	15 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2127 - 2128z	16 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1214 - 1215z	17 Apr	(In tfc - 5 fig cut numbers - - Probably Q7NW) (GT Hong Kong)	JPL	TUE
	1415 - 1416z	17 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1653 - 1719z	17 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2014 - 2015z	17 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1657 - 1658z	19 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	2102 - 2103z	19 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1241 - 1242z	20 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2055 - 2056z	20 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1401 - 1402z	21 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1414 - 1415z	23 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1757 - 1758z	23 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1425 - 1426z	24 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1558 - 1559z	24 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1350 - 1351z	27 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1454 - 1454z	27 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1704 - 1705z	27 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2114 - 2115z	27 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	FRI

4225//5500	1438 - 1439z	01 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2127 - 2128z	01 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
(5500 only)	2151 - 2152z	02 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1526 - 1527z	03 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1733 - 1734z	03 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2321 - 2322z	03 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1308 - 1309z	04 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
(4225 only)	1158 - 1159z	05 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(4225 only)	1403 - 1405z	05 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1706 - 1707z	05 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	2256 - 2257z	05 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(5500 only)	1354 - 1355z	09 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2059 - 2100z	09 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1325 - 1326z	10 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2239 - 2240z	10 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1315 - 1316z	11 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1732 - 1733z	11 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED

(4225 only)	2057 - 2058z	11 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	WED
	1832 - 1833z	13 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	FRI
	2143 - 2144z	13 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	FRI
	1755 - 1756z	14 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	SAT
	2040 - 2041z	14 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	SAT
	1039 - 1040z	15 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	SUN
	1509 - 1510z	15 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	SUN
	2043 - 2044z	15 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	SUN
	1056 - 1057z	16 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	MON
	2125 - 2126z	16 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	MON
	1212 - 1213z	17 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	TUE
	1413 - 1414z	17 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	TUE
	1648 - 1649z	17 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	TUE
	2012 - 2013z	17 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	TUE
	1655 - 1656z	19 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	THU
	2100 - 2101z	19 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	THU
	1240 - 1241z	20 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	FRI
	2053 - 2054z	20 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	FRI
	1359 - 1400z	21 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	SAT
	1555 - 1556z	21 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	SAT
	1412 - 1413z	23 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	MON
	1604 - 1605z	23 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong)	JPL	MON
	1801 - 1821z	23 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd)	(GT Hong Kong) (In tfc)	JPL	MON
<div>SVC UG </div>						

(3797 only)	1458 - 1459z	27 Apr	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
4590//7607	1442 - 1443z	01 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2155 - 2156z	02 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1532 - 1550z	03 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1739 - 1746z	03 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1318 - 1319z	04 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1410 - 1419z	05 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	<i>Note: While switching to monitor NYZ sked, GNXXG sent a SVC Msg which was missed.</i>				
	1711 - 1719z	05 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	2259 - 2300z	05 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1358 - 1406z	09 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (Svc Msg sent 1358z) (GT H. Kong)	JPL	MON
VVV HR SVC NR 036 2145 RMKS 14780 TO 0393/0398 BTCOMM/2230/LZ851A/1478/393 AGN (Rpt of msg) ARQSL ?HR WWK NR 17 (Return to round-slip 1359z)					
	1808 - 1840z	09 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2105 - 2119z	09 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1336 - 1402z	10 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2241 - 2242z	10 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1318 - 1319z	11 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1741 - 1745z	11 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	2101 - 2102z	11 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	2133 - 2134z	11 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Slovakia)	JPL	WED
	2229 - 2240z	11 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	1839 - 1848z	13 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2148 - 2152z	13 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1801 - 1804z	14 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1907 - 1919z	14 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2045 - 2046z	14 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
(7607 only)	1118 - 1119z	15 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (QSY from 10779 night freq at 1118z)	JPL	SUN
	1351 - 1352z	15 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1525 - 1611z	15 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	2048 - 2050z	15 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
(7607 only)	1104 - 1105z	16 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2131 - 2132z	16 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1430 - 1452z	17 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1651 - 1652z	17 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1725 - 1745z	17 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2025 - 2119z	17 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1700 - 1701z	19 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	2106 - 2107z	19 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1243 - 1244z	20 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2059 - 2119z	20 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	2125 - 2205z	20 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1408 - 1419z	21 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1600 - 1601z	21 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1417 - 1419z	23 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1602 - 1603z	23 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1801 - 1802z	23 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2057 - 2058z	23 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1154 - 1155z	24 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1429 - 1430z	24 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1604 - 1605z	24 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	2236 - 2237z	25 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
(7607 only)	1103 - 1119z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (QSY From day time freq 8789)	JPL	THU
(7607 only)	1301 - 1303z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1444 - 1445z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(7607 only)	1612 - 1619z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(7607 only)	1840 - 1841z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Netherlands)	JPL	THU
(7607 only)	1843 - 1919z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(7607 only)	1925 - 1936z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(7607 only)	2113 - 2119z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(7607 only)	2125 - 2141z	26 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
(7607 only)	1354 - 1355z	27 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
(7607 only)	1706 - 1707z	27 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
(7607 only)	2116 - 2117z	27 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1528 - 1530z	29 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1826 - 1827z	29 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
4590//10779	2131 - 2132z	01 Apr	V WITN (x3) DE GNXXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
4860//6840	1520 - 1525z	03 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
(6840 only)	1720 - 1725z	03 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Slovakia)	JPL	TUE
	1320 - 1325z	04 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	WED
	1720 - 1725z	05 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
(4860 only)	2120 - 2125z	09 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	MON
	1320 - 1325z	10 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	0320 - 0325z	11 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	WED
	2120 - 2125z*	11 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	WED
	<i>*Note: At the 2120 sked, NYZ on 6841 vice 6840 - Is this a change in frequency or operator error? Time will tell.</i>				
	1919 - 1924z	14 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SAT
	1520 - 1525z	15 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
	2120 - 2125z	16 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	MON
	1422 - 1425z	17 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE

Note: Started 2 minutes late. Normally starts VVV, started with NYZ. Appears that operator realized he had forgotten to switch over!

	1720 - 1725z	17 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	2020 - 2025z	17 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	2120 - 2125z	17 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	1719 - 1724z	19 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	2119 - 2124z	19 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	2120 - 2125z	20 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI
	1420 - 1425z	21 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SAT
	1419 - 1424z	23 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	MON
	1822 - 1824z (IP)	23 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong) (In progress)	JPL	MON
	1420 - 1425z	24 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	1620 - 1625z	24 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	1620 - 1625z	26 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	1919 - 1924z	26 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	2119 - 2124z	26 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	1420 - 1425z	27 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI
	1520 - 1525z	27 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI
	1720 - 1725z	27 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI
	1519 - 1524z	29 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
	1820 - 1825z	29 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
5230//NRH	1512 - 1514z	15 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1416 - 1417z	17 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1559 - 1600z	23 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1759 - 1800z	23 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	2059 - 2100z	23 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	1304 - 1305z	26 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1443 - 1444z	26 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1625 - 1640z	26 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1838 - 1839z	26 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Netherlands)	JPL	THU
5230//7602 (7602 only)	1403 - 1404z	21 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1426 - 1427z	24 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
5278//NRH	1041 - 1042z	15 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1736 - 1755z	19 Apr	(In chat - see below - This freq normally used by Q7NW) (GT Hong Kong)	JPL	THU
<p>(In chat - 1736Z)</p> <p>11 NR 11 KK VVV F1Q5 K VV V F1Q5 K VV VRV F1Q5 K (F1Q5 appears to be a call-sign)</p> <p>UQSY TO NR 12 NR 12 UQSY TO NR 12 NR 12 UQSY TO Nr 12 NR 12 KK VV K (1737Z) K</p> <p>UB EEE UQSY TO NR 7 NR 7 UQSY TO NR 7 NR 7 UQSY TO NR 7 NR 7 K K</p> <p>HR 7G GA HR 7G 65 V V HR 65 HR 7G 65 7G NR 08/CCK CK25 84 T420 T135 BT</p> <p>7G NR 08/CCK 25 84 T420 T135 BT (Into 4 fig cut number cipher traffic - 1740Z) AR AR (1742Z)</p> <p>QSL 0150 HR QSL 0150 HR NR 133 HR NR 133 SK SK (1742Z) (Station went silent)</p>					
	1026 - 1027z		V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1126 - 1127z		V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1441 - 1442z		V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1607 - 1608z		V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	2109 - 2110z	26 Apr	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (GT Hong Kong)	JPL	THU
5801//NRH	1331 - 1332z	10 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
6840//10640 (10640 only)	0020 - 0025z	05 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	1220 - 1225z	05 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	0324 - 0325z (IP)	11 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (In progress) (GT Hong Kong)	JPL	WED
	0220 - 0225z	14 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SAT
	1120 - 1125z	15 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	SUN
	0120 - 0225z	17 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	0220 - 0223z	20 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI
	1220 - 1225z	24 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	TUE
	0220 - 0225z	26 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	THU
	1023 - 1024z (IP)	26 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (In progress) (GT Hong Kong)	JPL	THU
	1120 - 1125z	26 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (GT Hong Kong)	JPL	THU
	0020 - 0025z	27 Apr	VVV (x3) Q2M DE NYZ (x2) QSA ? K (R5) (GT Hong Kong)	JPL	FRI
7582//8110	0051 - 0052z	02 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	0026 - 0027z	05 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	0325 - 0326z	11 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	0215 - 0216z	14 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	0039 - 0040z	15 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	0211 - 0212z	17 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	0218 - 0219z	20 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	0142 - 0144z	26 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong) (In tfc)	JPL	THU
	0001 - 0002z	27 Apr	V 7NPE (x3) DE QV5B (x2) (Cont'd) (GT Hong Kong)	JPL	FRI

7602//NRH	2144 - 2145z	02 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	MON
	0013 - 0015z	05 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	THU
	2233 - 2234z	10 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	TUE
	2243 - 2244z	10 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1736 - 1737z	11 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	2104 - 2105z	11 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	2131 - 2132z	11 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Slovakia)	JPL	WED
	1836 - 1837z	13 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	1759 - 1800z	14 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	2044 - 2045z	14 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1701 - 1702z	19 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1602 - 1603z	21 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	1600 - 1601z	24 Apr	V DKG6 (x3) DE 3A7D (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
7607//NRH	1718 - 1719z	03 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Slovakia)	JPL	TUE
	2326 - 2327z	03 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	1203 - 1204z	05 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
7607//10779	2148 - 2149z	02 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) GT Slovakia)	JPL	MON
8040//NRH	0032 - 0033z	05 Apr	V H2FL (x3) DE DRV8 (x2) (Cont'd) (GT Hong Kong)	JPL	THU
8789//10779 (8789 only)	0053 - 0054z	02 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	MON
	0018 - 0019z	05 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Slovakia)	JPL	THU
	0029 - 0030z	05 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	0331 - 0332z	11 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	WED
	0217 - 0219z	14 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SAT
	0042 - 0043z	15 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN
	1049 - 1118z	15 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (QSY to 7607 day freq at 1118z)	JPL	SUN
	0226 - 0305z	17 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	TUE
	0226 - 0227z	20 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
	0145 - 0146z	26 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	THU
	1030 - 1103z	26 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (Svc msg sent at 1057z)	JPL	THU
VV HR SVC GA NR 155 1830 RMKS aw478 TO 0.85/1574 BT COMM/1915/LZ258a8/1463/mw295 AR					
HR WK NR 36 QSL ? (1058Z) (Silent) WITN (Stopped) (1103z) (Moved to night time freq of 7607) (1104z)					
(10779 only)	0005 - 0006z	27 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	FRI
10779//NRH	0001 - 0008z	01 Apr	V WITN (x3) DE GNXG (x2) (Cont'd) (GT Hong Kong)	JPL	SUN

M94 CW, MCW, partner station to V24 Virtually unheard in Europe so we rely on our Americas monitors.

Token (T!) reports from the Mojave Desert that both V24 and M94 are still undergoing significant changes to frequency use and schedules, with only four active frequencies now in use. Traffic analysis indicates no decrease in msgs, but with possible migration of some traffic from M94 to the voice partner, V24. M94 is now only active for four transmissions each month, and only on 5115 kHz.

M97 CW, partner station to V30 Newly allocated as M97. 10375kHz Starts 1453z .

First log of March heard on Tue 06 with a new msg SD68. This msg was then repeated on various days (some days missing - without any apparent pattern), before changing on Fri 23 Mar to another new msg, SD69. The SD serial number increases by one with each new msg (Previous msg SD67).

10375	1459 - 1501z (IP)	06 Mar	Msg No. SD68 (GlobalTuners Slovakia) Weak in SE England	JPL/BR	TUE
	1453 - 1509z	07 Mar	Msg No. SD68	BR	WED
	1453 - 1509z	09 Mar	Msg No. SD68 (x3) (GlobalTuners Hong Kong)	JPL	FRI
	1504 - 1509z (IP)	14 Mar	Msg No. SD68 sent Weak & poor copy in S.E. England	BR	WED
	1453 - 1509z	17 Mar	Msg No. SD68 sent Fair sig	BR	SAT
	1453 - 1509z	19 Mar	(TX problems - appears that dits and dahs reversed! unable to copy)	JPL/BR	MON
	1453z	22 Mar	Msg No. SD68 SN40	GD	THU
	1453 - 1518z	23 Mar	Msg No. SD69 SN70 New Msg	GD/T!	FRI
	1453 - 1518z	24 Mar - 31 Mar	Msg SD69 sent daily, except Mon 26 Mar, when NRH	BR/GD/JPL	
10375	1453 - 1518z	01 Apr - 05 Apr	Msg SD69 sent daily.	BR/GD/JPL	
	1453 - 1526z	06 Apr	Msg No. SD70 SD100 New Msg Copied via GlobalTuners Hong Kong	GD	FRI
	1453 - 1526z	07 Apr - 31 Apr	Msg SD70 reported on following; 7, 8, 10, 12, 17, 23. All other days NRH.	BR/GD/JPL	

Mny thanks to Spectre for his hard and excellent work.

VOICE STATIONS

E06 [1A]

PoSW's logs for March and April :

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

1-Mar-12:- 5,186 kHz, seasonal change of frequency from 4,836 used in the winter months. Calling "891", S9 signal but had the rasping distortion noted off and on in the past. DK/GC "349 349 15 15".

15-Mar-12:- 5,186 kHz, "891" and "349 349 15 15", good audio, none of the distortion noted on the 1st.

5-Apr-12:- 5,186 kHz, call "891", DK/GC "902 902 15 15", S9 signal, no clipping or distortion on the speech. Has stayed on UTC so now appears at 9.30 pm now that summertime has started in this here EU province formerly known as the United Kingdom.

19-Apr-12:- 5,186 kHz, some bad timing this evening, tuned down to 5,186 at 2031z after checking out the 2030z E07 on 7,526 kHz and found the E06 OM already into 5Fs, not the four minute call-up preamble. Finished the message at 2033z with, "902 902 15 15", followed by a single "891" and "902 902 15 15" and the 5F message sent again. Finally ended after 2037z with, "902 902 15 15 00000".

Friday 2130 UTC Schedule Following the First and Third Thursdays in the Month:-

2-Mar-12:- 5,197 kHz, the expected seasonal shift from 4,760 kHz used in the depths of winter. S7 to S8 with the same distorted audio noted on yesterday's 2030z sending. Call "634", DK/GC "828 828 15 15".

16-Mar-12:- 5,197 kHz, "634" and "828 828 15 15" again, no distortion.

6-Apr-12:- 5,197 kHz, call "315" - and not "634" - DK/GC "672 672 15 15". Now that summertime has started is on at 10.30 pm in the UK.

20-Apr-12:- 5,197 kHz, something strange this evening, not the usual repeat of the transmission heard earlier in the month. Called "579", DK/GC "476 476". Thought this sounded familiar, and so it was. The call, DK, GC and 5F message were exactly the same as heard on 12-April from the 1830z G06 YL - except G06 numbers were in the German language, of course. Don't recall this ever happening before.

Second Wednesday in the Month 1920 + 2020 UTC Schedule:-

I thought this schedule had gone but saw it was listed in the E2K Newsletter for the first months of 2012, contact re-established in April:-

11-Apr-12:- 1920 UTC, 4,615 kHz, "154 154 154 00000", S9 signal, found about two minutes into the transmission.

2020 UTC, 3,704 kHz, second sending, suspicious carrier noted about five minutes earlier, inside the 80 metre amateur band, a bad choice, surrounded by strong LSB stations calling "CQ contest".

An Early Morning E06:-

6-Apr-12, Friday:- 0607 UTC, 14,910 kHz, surprised to find an E06 in "full message" mode this morning while tuning around the higher frequencies. Signal strength fading up and down peaking at S7. Ended after 0621z, 7.21 am BST, with "674 674 102 102 00000". Quite a long message, haven't heard an E06 like this for a long time. Looked for a repeat at 0700z but nothing found - a public holiday in the UK today so able to play radio this morning. No "next day repeat" found on Saturday. Thought this might suggest that this Friday transmission was itself a next day repeat of a Thursday 0500 + 0600 UTC schedule, and so it was:-

19-Apr-12, Thursday:- 0500 UTC, 13,530 kHz:- E06 calling "951" for a full message, found approx two minutes past the hour, DK/GC "674 674 102 102" - same as heard on the 6th. Good signal, up to S8 with the usual up and down fading. Close to an "SLT" cluster beating with E06's carrier, "C" the strongest. Ended after 0521z and cut carrier instantly and stayed off. 0600 UTC, 14,910 kHz, the second sending, very weak unlike on the 6th, could only just make out the "951" of the call-up at first but was stronger when checked again at 0615z.

20-Apr-12, Friday:- 0500 UTC, 13,530 kHz, next day repeat, S6 with SLT "C" for company. 0600 UTC, 14,910 kHz, second sending, much stronger than yesterday, S5 to S6.

And I have just noticed that this schedule is shown in the prediction section, page 1/4 of E2k NL Issue 69. Looks like a first + third Thursdays in the month 0500 + 0600z schedule, not too early or too late for those of us in the UK still just about in full time employment!

RNGB's March log:

E06 log March:

Thurs	1st	07:00	15855	'864' 537 102 59227 82379 16110 25679.....89435
		20:30	5186	'891' 349 15 34216 34256 09086 23178 45908.....89231
Friday	2nd	06:00	13890	'864' 537 102 59227 82379 16110 25679.....89435
Sat	10th	01:30	5879	'759' 842 31 75348 35793 11568.....21543
Sun	18th	11:20	7471	154 00000
Weds	21st	12:36	14947	in progress
Weds	21st	13:40	16083	'346' 219 85 74393 23452 48918 57589 90571.....23633
Thurs	22nd	13:40	16083	'346' 219 85 74393 23452 48918 57589 90571.....23633
		14:42	18343	in progress, ended 50470 709 151 00000
Friday	23rd	14:20	18343	'831' 267 154 35812 90089 85627 93256 52136.....

Other's logs:

4923kHz0230z	04/03[759 481 32 76624 ... 85918 481 32 00000(f)] 0239z Fair QRN2 QSB4	Spectre	SUN
0230z	10/03[759 642 31 75348 ... 21543 642 31 00000(f)] 0239z Very Weak QRN4 QSB4	Spectre	SAT
0230z	11/03[759 642 31 75348 ... 21543 642 31 00000(f)] 0239z Fair QRN4 QSB3	Spectre	SUN
0230z	17/03[759 218 34 41131 ... 47947 218 34 00000(f)] 0239z Weak QRN4 QSB4	Spectre	SAT
0230z	24/03[759 260 31 15743 ... 20758 260 31 00000(f)] 0239z Strong QRN2 QSB2	Spectre	SAT
0230z	25/03[759 260 31 15743 ... 20758 260 31 00000(f)] 0239z Strong QRN2 QSB3	Spectre	SUN
0230z	31/03[759 486 31 37534 ... 85008 486 31 00000(f)] 0239z Strong QRN3 QSB3	Spectre	SAT
0230z	01/04[759 486 31 37534 ... 85008 486 31 00000(f)] 0239z Strong QRN2 QSB2	Spectre	SUN
5186kHz2030z	01/03 [891 349 15 34216 ... 89231 349 15 00000(s)] 2037z Weak QRN3 QSB3	Spectre	THU
2030z	15/03 [891 349 15 34216 ... 89231 349 15 00000(s)] 2037z Fair QRN3 QSB3	Spectre	THU
E06 5186kHz 2030z 01/15/03 Transcript:			
891 349 15 34216 34256 09086 23178 45908 67547 34118 67589 65710 56470 54368 33175 89403 12165 89231 349 15 00000			
Courtesy Spectre			
5197kHz2131z	02/03[634 828 15 Difficult To Copy] 2137z Very Weak QRN3 QSB3	Spectre	FRI
2036z	16/03[123456789] 2037z Weak QRN3 QSB3	Spectre	FRI
2130z	16/03[634 828 15 Difficult To Copy] 2137z Weak LocalQRM5 QSB4	Spectre	FRI
(Note test count at 2036z was heard clearly indoors, but at 2130z it was very difficult to hear the message due to heavy QRM outside.)			
5866kHz0130z	31/03[759 486 31 37534 ... 85008 486 31 00000(f)] 0139z Strong QRN2 QSB2	Spectre	SAT
(Note the broadcasting station at 5875kHz which was causing QRM with E06 at 0130z 5879kHz was BBC World Service from 0030z to 0200z in Pashto and Dari, its transmitter site is in Limassol Lat/Long 34N43 033E19.)			
5879kHz0130z	04/03[759 481 32 76624 ... 85918 481 32 00000(f)] 0139z Fair BCQRM2 QSB4	Spectre	SUN
0130z	11/03[759 642 31 75348 ... 21543 642 31 00000(f)] 0139z Fair BCQRM3 QSB3	Spectre	SUN
0130z	17/03[759 218 34 41131 ... 47947 218 34 00000(f)] 0139z Weak BCQRM3 QSB3	Spectre	SAT
0130z	24/03[759 260 31 15743 ... 20758 260 31 00000(f)] 0139z Strong BCQRM2 QSB2	Spectre	SAT
0130z	25/03[759 260 31 15743 ... 20758 260 31 00000(f)] 0139z Fair QRN2 QSB2	Spectre	SUN
0130z	01/04[759 486 31 37534 ... 85008 486 31 00000(f)] 0139z Strong QRN2 QSB2	Spectre	SUN
E06 5879/4923kHz 03/04/03 Transcript:			
759 481 32 76624 71604 88172 19430 43115 50106 10823 82900 09126 11253 11004 50848 58202 73927 63860 77684 30829 57712 28119 36119 60944 59225 96522 13080 74274 37544 91671 32679 21921 75887 43216 85918 481 32 00000			
Courtesy Spectre			
E06 5879/4923kHz10/11/03 Transcript:			
759 642 31 75348 35793 11568 96712 71289 00953 20812 40914 86006 62138 59936 78584 64977 11934 92905 01797 84805 89591 72123 52214 87012 43707 20511 95213 67381 72706 02735 99803 94313 10366 21543 642 31 00000			
Courtesy Spectre			
E06 5879/4923kHz 17/18/03 Transcript:			
759 218 34 41131 53441 32584 61231 18849 52514 42011 86779 79176 19720 19064 43071 45364 22261 29513 82764 74727 91800 32139 77080 84955 99773 74036 86077 74276 01939 32113 59896 96395 96849 24217 88144 76173 47947 218 34 00000			
Courtesy Spectre			
E06 5879/4923kHz 24/25/03 Transcript:			
759 260 31 15743 76640 39493 04365 44610 67506 64718 51069 78968 19478 38879 46058 85408 55323 98459 86420 25390 37046 71347 19898 29595 99643 80132 03834 58729 98944 09262 71741 34651 69871 20758 260 31 00000			
Courtesy Spectre			
E06 5879/5866/4923kHz 31/03 01/04 Transcript:			
759 486 31 37534 83947 48706 90372 85169 01937 77081 21163 67583 75763 52156 12111 29379 66009 39722 81494 83598 21169 73613 30405 70239 88958 06074 63294 02760 67590 57821 07068 07249 20409 85008 486 31 00000			
Courtesy Spectre			
14947kHz1236z	20/03[Caught In Progress Ends 807 131 00000(f)] 1256z Weak QRN3 QSB4	Spectre	TUE
1225z	21/03[Carrier & Test Tone Observed No Voice Heard] 1227z Very Weak QRN3 QSB4 (Note searches were carried out for repeat transmissions without any success.)	Spectre	WED
16303kHz1303z	21/03[Caught In Progress Ends 408 115 00000(f)] 1305z Fair QRN3 QSB3 (Note a search was carried out for a repeat transmission without any success.)	Spectre	WED
18343kHz1400z	24/03 1 kHz audio tone 1410z [831 831 83100000]ended 14:13:45z very weak , ended 14:13:45z	DanAR	SAT
April 2012:			
4923kHz0230z	01/04[759 486 31 37534 ... 85008 486 31 00000(f)] 0239z Strong QRN2 QSB2	Spectre	SUN
5133kHz0130z	07/04[759 814 32 96453 ... 93608 814 32 00000(f)] 0139z Fair QRN3 QSB3	Spectre	SAT
0130z	08/04[759 814 32 96453 ... 93608 814 32 00000(f)] 0139z Fair QRN2 QSB2	Spectre	SUN
0130z	14/04[759 302 41 72032 ... 72295 302 41 00000(f)] 0141z Very strong, QRM2 (11m10s)	Spectre, PLdn	SAT
0130z	15/04[759 302 41 72032 ... 72295 302 41 00000(f)] 0141z Weak, QRN3 (11m10s)	Spectre, PLdn	SUN
0130z	21/04[759 801 34 05360 ... 03130 801 34 00000(f)] 0140z Very strong (10m05s)	Spectre, PLdn	SAT
0130z	22/04[759 801 34 05360 ... 03130 801 34 00000(f)] 0140z Very strong, QRM2 (10m05s)	Spectre, PLdn	SUN
0130z	28/04[759 168 34 54160 ... 79350 168 34 00000(f)] 0140z Very strong (10m03s)	Spectre, FR	SAT
0130z	29/04[759 168 34 54160 ... 79350 168 34 00000(f)] 0140z Very strong (10m03s)	Spectre, PLdn	SUN

5186kHz2030z	05/04[891 902 15 76546 ... 76754 902 15 00000(s)] 2037z Fair, QRM2	(7m29s)	Spectre, PLdn	THU
	891 902 15 76546 78675 54345 54678 98076 65456 43452 43564 54789 67567 76545 43423 34213 54567 76754 902 15 00000 <i>Courtesy FR</i>			
2030z	19/04[891 902 15 76546 ... 76754 902 15 00000(s) 891 902 15 76546 ... 76754 902 15 00000(s)] 2033z/2037z 3m30s/3m49s each Above sending was strong; started straight into msg, then repeated in full with ID Msg as 05/04	(7m19s)	PLdn, Spectre	THU
5197kHz 2130z	06/04[315 672 15 90345 ... 25464 672 15 00000(s)] s140z Very strong	(7m44s)	Spectre	FRI
	E06 5197kHz 2130z 06/04 Transcript: 315 672 15 90345 67845 36987 23467 87654 35642 11234 45789 97656 70123 45089 77634 23148 37557 25464 672 15 00000 <i>Courtesy Spectre</i>			
2130z	20/04[579 476 15 14325 ... 67895 476 15 00000(s)] 2136z, Strong Intro 2m only, G06 msg sent	(6m09s)	Spectre	FRI
5879kHz0130z	01/04[759 486 31 37534 ... 85008 486 31 00000(f)] 0139z Strong QRN2 QSB2		Spectre	SUN
	E06 5879/5866/4923kHz 31/03 01/04 Transcript: 759 486 31 37534 83947 48706 90372 85169 01937 77081 21163 67583 75763 52156 12111 29379 66009 39722 81494 83598 21169 73613 30405 70239 88958 06074 63294 02760 67590 57821 07068 07249 20409 85008 486 31 00000 <i>Courtesy Spectre</i>			
6918kHz0030z	07/04[759 814 32 96453 ... 93608 814 32 00000(f)] 0039z Fair QRN3 QSB3		Spectre	SAT
0030z	08/04[759 814 32 96453 ... 93608 814 32 00000(f)] 0039z Fair QRN3 QSB2		Spectre	SUN
	759 814 32 96453 07522 78129 03616 98889 67428 60728 54125 49845 68446 68011 56482 66262 48185 27551 21191 38811 25801 39100 41905 85257 12556 46162 47063 77360 90067 45953 43412 27240 89905 86163 93608 814 32 00000 <i>Courtesy FR</i>			
0030z	14/04[759 302 41 72032 ... 72295 302 41 00000(f)] 0041z Fair, QRM3	(11m10s)	Spectre, PLdn, HJH	SAT
0030z	15/04[759 302 41 72032 ... 72295 302 41 00000(f)] 0041z Very strong	(11m10s)	Spectre, PLdn	SUN
	E06 6918/5133kHz 0030/0130z 14/15/04 Transcript: 759 302 41 72032 81918 44929 73224 32596 02361 57836 04034 81992 45907 57486 07491 03335 63042 45990 17562 58526 98627 99285 47109 52769 58127 17030 31118 19459 75887 82753 21198 61447 65158 32700 23542 09574 54537 56795 97526 84434 40521 80189 57150 72295 302 41 00000 <i>Courtesy Spectre</i>			
0030z	21/04[759 801 34 05360 ... 03130 801 34 00000(f)] 0040z Very strong	(10m05s)	Spectre, PLdn	SAT
0030z	22/04[759 801 34 05360 ... 03130 801 34 00000(f)] 0040z Very strong	(10m05s)	Spectre, PLdn	SUN
	E06 6918/5133kHz 0030/0130z 21/22/04 Transcript: 759 801 34 05360 48126 30248 01123 39397 32122 42797 40654 00265 59689 06130 70063 02535 70029 05760 37335 99731 53363 55583 08668 45554 49137 72450 26284 30268 42659 03687 04482 29862 89318 60263 97225 49622 03130 801 34 00000 <i>Courtesy Spectre</i>			
0030z	28/04[759 168 34 54160 ... 79350 168 34 00000(f)] 0040z Very strong	(10m03s)	Spectre, PLdn, FR	SAT
0030z	29/04[759 168 34 54160 ... 79350 168 34 00000(f)] 0040z Very strong Coincidence?	(10m03s)	Spectre, PLdn	SUN
	E06 6918/5133kHz 0030/0130z 28/29/04 Transcript: 759 168 34 54160 81095 86331 21988 55980 71116 30811 64988 17648 31039 79638 11748 47273 71885 15345 87010 04008 41540 12972 19080 69866 27598 73069 98573 12274 13831 22766 77517 48262 44947 58340 75952 46275 79350 168 34 00000 <i>Courtesy Spectre</i>			

13530kHz0500z 06/04[951 674 102 67813 89293 34882 ... 674 102 00000] Long message AB, FR FRI

14910kHz0600z 06/04[951 674 102 67813 89293 34882 ... 674 102 00000] Long message AB, FR FRI

951 674 102
67813 89293 34882 16924 39120 38820 57932 61564 70086 39646
22788 43272 34828 89568 29537 93074 15980 15308 54533 81484
84839 41987 41528 92955 67161 90827 33914 05852 36173 16012
02771 51428 04225 16638 50400 25050 92626 84712 94034 49490
17902 75112 59410 09547 15607 08466 38893 13409 81525 42868
93835 97220 18222 75392 05873 25465 04736 59321 06814 59225
31612 48032 41851 90941 68445 01492 45747 44111 56138 16274
36704 61369 41047 65058 57585 29386 93216 56535 19205 14017
75876 51662 25340 04140 58405 97196 84176 87633 89924 62463
35864 07906 75740 90272 50880 74442 23795 97943 78871 25781
53324 89351 674 102 00000
Courtesy FR

E07 [1B]

PoSW's March and April Logs

Sunday + Wednesday Schedule:-

4-Mar-12, Sunday:- 1800 UTC, 9,923 kHz, presumed to be the first sending, frequencies used in March of years past were 9,923 + 9,068 + 7,697 kHz. Weak signal of some kind here, unreadable, broadcast station interference.

1820 UTC, 9,068 kHz, carrier only, no voice heard, interference from a wide band pulse-type signal extending from 9,056 to 9,082 kHz.

1840 UTC, 7,697 kHz, S9 carrier but voice so weak as to be unreadable.

14-Mar-12, Wednesday:- 1820 UTC, 9,068 kHz, "906 906 906 1", DK/GC "251 94", second sending here - and stone me, a strong signal with truly excellent audio!

1840 UTC, 7,697 kHz, "906" and "251 94" again, also a strong signal with good audio.

18-Mar-12, Sunday:- 1820 UTC, 9,068 kHz, "906 906 906 1", DK/GC "915 61" x 2. S9 signal with reasonable audio. First sending 1800z, 9,923 kHz unreadable due to broadcast interference.

1840 UTC, 7,697 kHz, third sending, S9 with deep QSB, reasonable audio.

1-Apr-12, Sunday:- 1700 UTC, has now shifted by one hour with the start of summertime so still starts at 6 pm in the UK, 12,123 kHz, presumed to be the first sending because frequencies in April of past years were 12,123 + 10,703 + 8,123 kHz, but here flattened by

S9++ broadcaster on close frequency, a familiar story with E07!

1720 UTC, 10,703 kHz, second sending, very low audio, unreadable.

1740 UTC, 8,123 kHz, third sending, also very low audio, strong "XJT" churning away on a close frequency making a bad situation worse.

8-Apr-12, Sunday:- 1700 UTC, 12,123 kHz, unreadable, BC interference.

1720 UTC, 10,703 kHz, "171 171 171 1", DK/GC "416 121" x 2, with readable audio.

1740 UTC, 8,123 kHz, third sending, readable in spite of the strong "XJT".

11-Apr-12, Wednesday:- 1720 UTC, 10,703 kHz, "171 171 171 1" DK/GC "416 121" x 2 - same as on Sunday. S9 signal with good audio.

1740 UTC, 8,123 kHz, good signal, strong "XJT" on HF side, removed by using receiver in LSB mode.

15-Apr-12, Sunday:- 1700 UTC, 12,123 kHz, "171 171 171 1", DK/GC "578 60" x 2. Unusually for this first sending a strong signal with good audio over-riding BC station in the 25 metre band.

1720 UTC, 10,703 kHz, second sending, strong signal with good audio.

1740 UTC, 8,123 kHz, third sending with "XJT" on HF side.

Monday + Wednesday Schedule:-

7-Mar-12, Wednesday:- 2000 UTC, 9,273 kHz, first sending, weak signal and low audio, unreadable.

2020 UTC, 7,873 kHz, "288 288 288 1", DK/GC "844 27" x 2, low audio but readable.

2040 UTC, 6,873 kHz, third sending, S9 signal with good audio, no problem to copy, by far the best sending of the three. Ended with "000 000" just after 2045z.

14-Mar-12, Wednesday:- 2000 UTC, 9,273 kHz, "288 288 288 1", DK/GC "527 15" x 2,

low audio but readable, another short message, ended 2004z.

2020 UTC, 7,873 kHz, S9 but audio somewhat low.

2040 UTC, 6,873 kHz, S9+, audio low in relation to carrier strength.

4-Apr-12, Wednesday:- 1900 UTC, 12,108 kHz, moved by one hour UTC so as to still appear at 8 pm UK time, how very thoughtful of someone! "Summertime and the living is easy". 12,108 kHz, "172 172 172 000", S9+ signal with good - one hesitates to use the word "excellent" - audio!

1920 UTC, 10,708 kHz, second sending, also S9+ with good audio.

11-Apr-12, Wednesday:- 1900 UTC, 12,108 kHz, "172 172 172 000", S9+ over-riding broadcasters in 25 metre band.

1920 UTC, 10,708 kHz, second sending, S9, good audio.

18-Apr-12, Wednesday:- 1900 UTC, 12,108 kHz, "172 172 172 000", S9+ with good audio

flattening the broadcast station.

1920 UTC, 10,708 kHz, second sending, slightly weaker.

Thursday Schedule:-

8-Mar-12:- 2113 UTC, 7,516 kHz, transmission in progress, missed start, full message, close to strong broadcast station.

2130 UTC, 5,836 kHz, "584 584 584 1", DK/GC "496 52" (?) low audio, difficult copy.

2150 UTC, 4,497 kHz, third sending, low audio.

5-Apr-12:- 2010 UTC, 9,387 kHz, "358 358 358 1", DK/GC "240 65" x 2, S9 signal with excellent broadcast quality audio! As expected, with the changing of the clocks for summertime has shifted by one hour UTC so still starts at 9.10 pm in the UK.

2030 UTC, 7,526 kHz, second sending, strong signal, good audio.
 2050 UTC, 5,884 kHz, third sending also with a much better than usual signal.

12-Apr-12:- 2010 UTC, 9,387 kHz, “358 358 358 1”, DK/GC “240 65” x 2 - same as last week. S9 signal with reasonable audio, interference from some kind of pulse signal in 2 or 3 second bursts several times a minute.
 2030 UTC, 7,526 kHz, second sending, peaking S9, reasonable audio.
 2050 UTC, 5,884 kHz, third sending, S9+ with excellent audio, best sending of the three.

19-Apr-12:- 2010 UTC, 9,387 kHz, “358 358 358 1”, DK/GC “742 67” x 2. S9+ signal with very good audio.
 2030 UTC, 7,526 kHz, second sending, strong signal.
 2050 UTC, 5,884 kHz, third sending.

Wednesday E07a SSB Schedule:-

7-Mar-12:- 2100 UTC, 5,864 kHz, “815 815 815 1 36562” - always a 5F group in the call-up routine with E07a. DK/GC “416 49” x 2, strong SSB signal.
 2120 UTC, 5,164 kHz, second sending, S9+.
 2140 UTC, 4,564 kHz, third sending, strong signal.

21-Mar-12:- 2100 UTC, 5,864 kHz, “815 815 815 000”, S9+, very strong.

4-Apr-12:- April sees a shift of one hour in the start-up time so still kicks off at 9 pm in the UK. Also a change of frequencies for the next six months:-
 2000 UTC, 8,173 kHz, “147 147 147 1 36562” DK/GC “416 49” x 2. Looks like the same message as on 7-March. Very strong signal.
 2020 UTC, 7,473 kHz, second sending, strong signal but interference from S9+ broadcaster on 7,475.
 2040 UTC, 5,773 kHz, third sending, strong signal.

11-Apr-12:- 2000 UTC, 8,173 kHz, “147 147 147 000”, S9+ SSB signal.

18-Apr-12:- 2000 UTC, 8,173 kHz, “147 147 147 1 11512”, DK/GC “362 61” x 2. Strong signal. There is a strong “XJT” roaring away on the LF side of this frequency which, either by chance or by intention, is so positioned that it is suppressed when the receiver is set to USB mode.
 2020 UTC, 7,473 kHz, second sending, the broadcast station on 7,475 making life awkward.
 2040 UTC, 5,773 kHz, third sending, S9+ SSB signal.

RNGB's March Logs:

Mon 5th	20:00	9273	‘288’ 1 844 27 85907 83367 98868 48904.....
Weds 7th	18:20	9068	‘906’ 1 165 86 61085 54412 73020 34437.....
	21:00	5864	‘815’ 1 36562 416 49 44021 45000 27277 34239.....
Thurs 8th	21:10	7516	‘584’ 1 496 52 15862 57225 18030 66481.....
Weds 21st	21:00	5864	‘815’ 000

Other's Logs:

March 2012:

4497kHz2150z	01/03[584 1 496 52 15862 ... 11761 000 000] Fair	(7m48s)	PLdn	THU
2150z	08/03[584 1 496 52 15862 ... 11761 000 000] Weak	(7m52s)	PLdn	THU
2150z	15/03[584 1 871 82] Medium/strong signal, noise		FR	THU
5836kHz2130z	01/03[584 1 496 52 15862 ... 11761 000 000] Weak	(7m48s)	PLdn	THU
2130z	08/03[584 1 496 52 15862 ... 11761 000 000] Weak	(7m52s)	PLdn	THU
2130z	15/03[584 1 871 82] Medium/strong signal, weak/moderate noise		FR	THU
2130z	22/03[584 1 588 70 83192 ... 38874 000 000] 2140z Strong	(9m34s)	PLdn	THU
2130z	29/03[584 1 588 70 81392 ... 38274 000 000] 2140z Fair, good audio	(9m37s)	PLdn	THU
6873kHz2040z	05/03[288 1 844 27 85907 ... 51908 000 000] 2005z Weak	(5m16s)	PLdn	MON
2040z	07/03[288 1 844 27 85907 ... 51908 000 000] 2005z Weak	(5m16s)	PLdn	WED
2040z	12/03[288 1 527 15 02849 ... 84982 000 000] Strong	(4m05s)	PLdn	MON
2040z	14/03[288 1 527 15 02849 ... 84982 000 000] Strong	(4m05s)	PLdn	WED
7516kHz2110z	08/03 [584 1 496 52 15862 ... 11761 000 000] Strong signal, bleeding		FR	THU
	584 1 496 52 15862 57225 18030 66481 44757 34988 74401 66719 40280 66510 68913 53357 36020 72304 15336 36691 03461 13512 03332 88488 95402 67903 75541 16608 25187 47139 52932 21692 07049 32950 22296 69952 48035 96227 35940 23254 02216 59011 81034 54245 97371 34182 32776 55583 01565 88544 25389 92925 24192 53149 26879 99761 000 000 Courtesy FR			
7873kHz2020z	05/03[288 1 844 27 85907 ... 51908 000 000] 2005z Weak	(5m16s)	PLdn	MON
2020z	07/03[288 1 844 27 85907 ... 51908 000 000] 2005z Weak	(5m16s)	PLdn	WED
2020z	12/03[527 15 02849 ... 84982 000 000] Strong, started at ‘527..’		PLdn	MON
2020z	14/03 Strong carrier only		PLdn	WED
2020z	19/03[288 000] Fair	(2m13s)	PLdn	MON
2020z	21/03[288 000] Weak audio, strong carrier	(2m13s)	PLdn, FR	WED
2020z	26/03[288 000] Fair	(2m13s)	HJH	MON

7967kHz1840z	07/03[906 1 165 86 61085 ... 48907 000 000] Weak	(11m12s)	PLdn	WED
1840z	11/03[906 1 251 94] Medium/strong signal, rapid fading, moderate noise		FR	SUN
1840z	14/03[906 1 251 94 61937 ... 21853 000 000] Strong, BCQRM3	(12m03s)	PLdn, Spectre	WED
1840z	18/03[901 1 915 61 20176 ... 64208 000 000] 1849z Fair, QSB2	(8m40s)	PLdn	SUN
1840z	21/03[901 1 915 61 20176 ... 64292 000 000] Weak audio, strong carrier	(8m40s)	PLdn, FR	WED
1840z	25/03[906 1 383 49] Medium signal strength, fading, moderate noise		FR	SUN
1840z	28/03[906 1 383 49 22658 ... 55925 000 000] Strong	(7m31s)	PLdn	WED
9068kHz1820z	07/03[906 1 165 86 61085 ... 48907 000 000] Weak, QRM2	(11m12s)	PLdn	WED
1820z	11/03[906 1 251 94] Weak/medium signal, rapid fading, moderate noise		FR	SUN
1820z	14/03[906 1 251 94 61937 ... 21853 000 000] 1832z Fair QRN3 QSB3		Spectre	WED
1820z	18/03[901 1 915 61 20176 ... 64208 000 000] Strong signal, moderate/strong noise, fading		FR	SUN
1820z	21/03[901 1 915 61 20176 ... 64292 000 000]		FR	WED
1820z	25/03[906 1 383 49] Medium signal strength, fading, moderate/strong noise		FR	SUN
1820z	28/03 QRM5		PLdn	WED
9273kHz2000z	05/03[288 1 844 27 85907 ... 51908 000 000] 2005z Weak	(5m16s)	PLdn	MON
2000z	07/03[288 1 844 27 85907 ... 51908 000 000] 2005z Weak, QRM3/4	(5m16s)	PLdn	WED
2000z	12/03 Strong carrier only		PLdn	MON
2000z	14/03 Strong carrier only		PLdn	WED
2000z	19/03[288 000] Weak, QRM2	(2m13s)	HJH, PLdn	MON
2000z	21/03[288 000] Very strong signal		FR	WED
2000z	26/03[288 000] Fair	(2m13s)	HJH	MON
9920kHz 1800z	14/03[906 1 251 94 61937 ... 21853 000 000] Strong, BCQRM3 moved freq -3kHz	(12m03s)	PLdn	WED
9923kHz1800z	07/03 BCQRM5		PLdn	WED
1800z	11/03[906 1 251 94] Medium signal signal strength, fading, strong bleeding		FR	SUN
1800z	14/03[906 1 251 94 61937 ... 21853 000 000] 1812z Fair QRN3 QSB3		Spectre	WED

E07 9923/9068/7697kHz 1800/1820/1840z 14/03 Transcript:

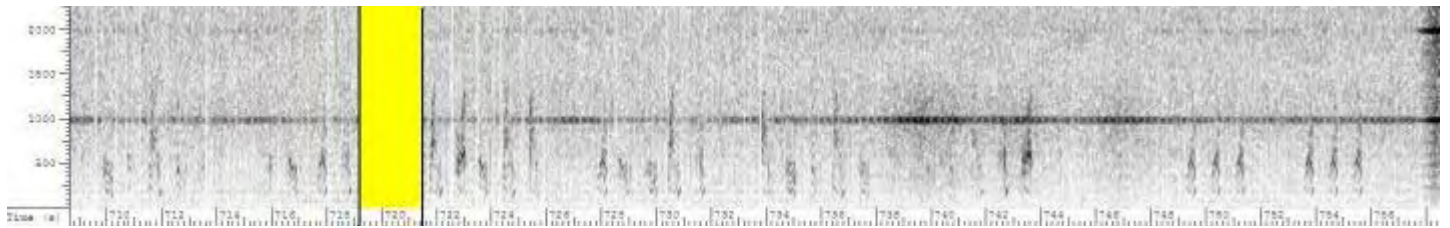
906 1 251 94
61937 00176 60957 86887 77537 94113 35853 04595 50695 30608
80866 33900 54742 97273 97893 24502 59979 30474 76254 94862
45112 15764 98477 96889 04874 03900 05638 92979 73993 60570
94491 19316 99783 25891 26146 65612 41926 58990 55854 98408
79048 52067 60086 67582 08635 42106 77496 11829 87894 83284
56632 44127 28544 46932 91083 84313 44346 36711 87037 09874
67725 80034 05450 96865 20502 63318 24875 45679 29625 64530
29263 33758 52985 68837 87171 91242 13644 99943 94491 71178
81815 75611 92833 39480 56193 68406 43157 91777 28786 89765
22593 68142 13880 21853 000 000
Courtesy Spectre

1800z	18/03[901 1 915 61 20176 ... 64208 000 000] Strong signal, moderate noise		FR	SUN
	906 1 915 61 20176 09638 30848 19757 92505 44014 88239 78994 05560 93654 91817 83892 68847 62726 06836 57086 86019 73671 90292 07722 96017 13468 06189 22200 75196 18807 99747 52728 45352 66233 73797 14998 38150 73276 81503 61622 82350 99793 71666 96086 07134 52490 48154 64812 38499 50957 37227 33014 64482 86953 29821 08155 50599 42402 65036 07429 18990 06672 88000 89047 64208 000 000 <i>Courtesy FR</i>			
1800z	21/03[901 1 915 61 20176 ... 64292 000 000]		FR	WED
1800z	25/03[906 1 383 49] Strong signal but with constant fading, weak/moderate noise		FR	SUN
1800z	28/03[906 1 383 49 22658 ... 55925 000 000] Fair	(7m31s)	PLdn	WED

April 2012:

5884kHz2050z	05/04[358 1 240 65 35336 ... 16569 000 000] Strong	(9m08s)	FR,PLdn	THU
2050z	12/04[358 1 240 65 35336 ... 16569 000 000] Strong	(9m08s)	PLdn	THU
2050z	19/04[358 1 742 67 58819 ... 95265 000 000] Fair	(9m18s)	PLdn	THU
2050z	26/04[358 1 742 67 58819 ... 95265 000 000] Fair	(9m18s)	PLdn	THU
7526kHz2030z	05/04[358 1 240 65 35336 ... 16569 000 000] Strong	(9m08s)	FR,PLdn	THU
	358 1 240 65 35336 95724 11604 98736 88375 99870 25465 36373 51106 03842 00887 22637 49929 08514 16412 78482 32323 51338 28803 30222 52476 21750 22523 92006 80279 12703 66983 05619 70973 65376 87309 65302 64052 34960 08780 67473 52349 07427 59144 63150 66602 53656 74368 69236 58076 16170 66696 34844 84861 12685 35839 59216 09467 61133 85949 95039 06688 38536 49935 10498 73712 17650 87265 00405 16529 000 000 <i>Courtesy FR</i>			
2030z	19/04[358 1 742 67 58819 ... 95265 000 000] Fair, QRM2	(9m18s)	PLdn	THU
2030z	26/04[358 1 742 67 58819 ... 95265 000 000] Fair, QRM2	(9m18s)	PLdn	THU

8123kHz1740z	11/04[171 1 416 121 71036 ... 03821 000 000] Fair, XJTQRM4	(14m46s)	PLdn	WED
1740z	15/04[171 1 578 60 70384 ... 27242 000 000] Weak and noisy	(8m33s)	PLdn	SUN
1740z	18/04[171 1 578 60 70384 ... 27242 000 000] Weak and noisy	(8m33s)	PLdn	WED
1740z	22/04[171 1 453 139 21971 ... 66530 000 000] Strong signal, very strong noise		FR	SUN
1740z	25/04 Obliterated XJTQRM5		PLdn	WED



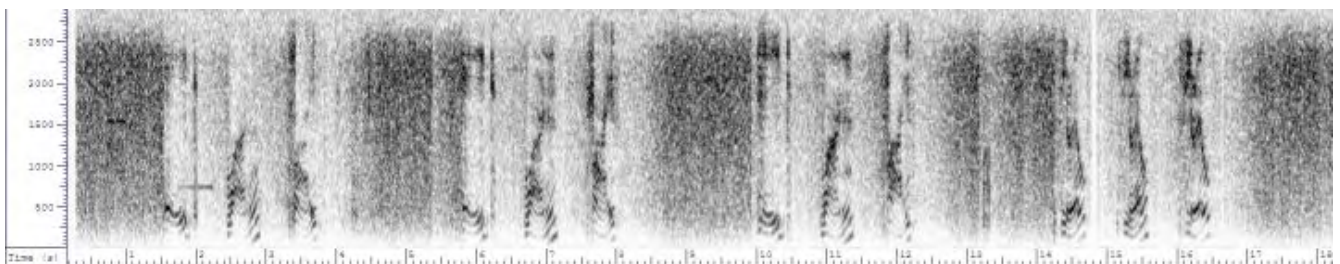
9208kHz1940z	30/04[172 1 957 100 46104 ... 33974 000 000] Fair, QRN3 LoS 11m20s to 11m21:30s [above]	(12m38s)	Spectre, PLdn	MON
9387kHz2010z	12/04[358 1 240 65 35336 ... 16569 000 000] Strong	(9m08s)	FR, PLdn	THU
2010z	19/04[358 1 742 67 58819 ... 95265 000 000] Strong	(9m18s)	PLdn	THU
2010z	26/04[358 1 742 67 58819 ... 95265 000 000] Weak	(9m18s)	PLdn	THU
10703kHz1720z	11/04[171 1 416 121 71036 ... 03821 000 000] Very strong, QRM3 QSB3	(14m46s)	PLdn	WED
1720z	15/04[171 1 578 60 70384 ... 27242 000 000] Weak and noisy	(8m33s)	PLdn	SUN
1720z	18/04[171 1 578 60 70384 ... 27242 000 000] Weak and noisy	(8m33s)	PLdn	WED
1720z	22/04[171 1 453 139 21971 ... 66530 000 000] Strong signal, weak/moderate noise, fading,BCQRM		FR	SUN
1720z	25/04[171 1 453 139 21971 ... 66530 000 000]Fair, QSB2	(16m32s)	PLdn, HJH	WED
10708kHz1920z	02/04[172 000] Fair	(2m13s)	Spectre, PLdn	MON
1920z	04/04[172 000] Audio good		HJH	WED
1920z	09/04[172 000] 1922z Fair, PULSEQRM3	(2m15s)	Spectre, PLdn	MON
1920z	11/04[172 000]Fair, QRN3	(2m13s)	HJH, PLdn	WED
1920z	16/04[172 000]Fair audio, strong carrier	(2m13s)	PLdn	MON
1920z	18/04[172 000]Weak, QRN3	(2m13s)	PLdn	WED
1920z	23/04[172 000] Strong	(2m13s)	PLdn	MON
1920z	25/04[172 000] Fair	(2m13s)	PLdn	WED
1920z	30/04[172 1 957 100 46104 ... 33974 000 000] Fair audio, strong carrier, QRN3	(12m38s)	Spectre, PLdn	MON
12108kHz1900z	02/04[172 000] Weak, QRM3	(2m13s)	Spectre, PLdn	MON
1900z	09/04[172 172 172 000] 1902z Fair QRN3 QSB3		Spectre	MON
1900z	11/04[172 000]Fair, BCQRM3	(2m13s)	PLdn	WED
1900z	16/04[172 000]Weak, readable	(2m13s)	PLdn	MON
1900z	18/04[172 000]Weak, QRN3	(2m13s)	PLdn	WED
1900z	23/04[172 000]Weak audio, Strong carrier	(2m13s)	PLdn	MON
1900z	25/04[172 000] Fair, BCQRM2	(2m13s)	PLdn	WED
1900z	30/04[172 1 957 100 46104 ... 33974 000 000] Strong	(12m38s)	Spectre, PLdn	MON

E07 12108/10708/9208kHz 30/04 Transcript:

172 1 957 100
46104 36468 26818 63047 88250 29135 20285 15344 55147 92968
04471 59187 14598 52015 29600 17120 92405 81925 03544 58531
03802 88040 21117 29967 82028 46056 95068 13672 27544 88143
30743 13724 19841 84348 43176 04709 17269 90951 19067 57697
79387 50742 25544 43055 51966 73615 00117 23891 84691 59476
33279 67193 95250 49975 99932 56206 26941 89037 38042 39143
88300 58084 12446 82785 35966 92964 04247 54307 22031 22436
06393 39820 62955 06338 68083 25209 65331 17731 60577 89279
29649 36310 62469 45698 61391 37979 38344 95477 83015 12457
35485 21285 54291 73640 26966 68076 14895 08217 52392 33974
000 000
Courtesy Spectre

12123kHz1700z	11/04[171 1 416 121 71036 ... 03821 000 000] Very strong	(14m46s)	PLdn	WED
1700z	15/04[171 1 578 60 70384 ... 27242 000 000] Very strong	(8m33s)	PLdn	SUN
1700z	18/04 Strong carrier only		PLdn	WED
1700z	22/04[171 1 453 139 21971 ... 66530 000 000] Strong signal, weak noise, BCQRM, QSB		FR	SUN
1700z	25/04[171 1 453 139 21971 ... 66530 000 000] Fair, BCQRM3	(16m32s)	PLdn	WED

E07a March 2012:



Note tones in first '815' sequence. Noted by Spectre 5864kHz 2100z 14/03[815 000]

4564kHz2140z	07/03[815 1 36562 416 49 44021 ... 27480 000 000] 2147z Fair QRN3 QSB3	Spectre	WED
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5146kHz0530z	01/03[188 188 188 000] 0532z Fair QRN3 QSB2	Spectre	THU
0530z	08/03[188 1 36562 416 49 44021 ... 27480 000 000] 0537z Fair QRN3 QSB2	Spectre	THU
0530z	15/03[188 188 188 000] 0532z Fair QRN2 QSB2	Spectre	THU
0530z	22/03[188 188 188 000] 0532z Fair QRN3 QSB2	Spectre	THU
0530z	29/03[188 188 188 000] 0532z Fair QRN3 QSB2	Spectre	THU
5164kHz2120z	07/03[815 1 36562 416 49 44021 ... 27480 000 000] 2127z Fair QRN3 QSB3	Spectre	WED
2120z	14/03[815 815 815 000] 2122z Fair QRN3 QSB2	Spectre	WED
2120z	21/03[815 815 815 000] 2122z Strong QRN3 QSB2	Spectre	WED
2120z	28/03[815 815 815 000] 2122z Fair QRN3 QSB2	Spectre	WED
5846kHz0550z	01/03[188 188 188 000] 0552z Fair QRN3 QSB2	Spectre	THU
0550z	08/03[188 1 36562 416 49 44021 ... 27480 000 000] 0557z Fair QRN3 QSB2	Spectre	THU
0550z	15/03[188 188 188 000] 0552z Fair QRN2 QSB2	Spectre	THU
0550z	22/03[188 188 188 000] 0552z Fair QRN3 QSB2	Spectre	THU
0550z	29/03[188 188 188 000] 0552z Fair QRN3 QSB2	Spectre	THU
5864kHz2100z	07/03[815 1 36562 416 49 44021 ... 27480 000 000] 2107z Fair QRN3 QSB3	Spectre	WED
2100z	14/03[815 815 815 000] 2102z Strong QRN2 QSB2	Spectre	WED
2100z	21/03[815 815 815 000] 2102z Strong QRN3 QSB2	Spectre	WED
2100z	28/03[815 815 815 000] 2102z Fair QRN3 QSB2	Spectre	WED
6846kHz0610z	08/03[188 1 36562 416 49 44021 ... 27480 000 000] 0617z Fair QRN3 QSB2	Spectre	THU

E07a 5864/5164/4564kHz 07/03 Transcript:

815 1 36565 416 49
44021 45000 27277 34239 95206 76431 26524 54616 67764 58954
06831 66181 40408 15469 32747 43439 35719 79718 25329 17374
22922 00972 93905 18040 88899 64757 74598 10475 02414 08326
58740 84814 86484 10040 39178 72338 08416 21554 30994 58389
69764 29132 16765 71742 11612 95482 72991 95910 27480
000 000
Courtesy Spectre

E07a 5146/5846/6846kHz 08/03 Transcript:

188 1 36565 416 49
44021 45000 27277 34239 95206 76431 26524 54616 67764 58954
06831 66181 40408 15469 32747 43439 35719 79718 25329 17374
22922 00972 93905 18040 88899 64757 74598 10475 02414 08326
58740 84814 86484 10040 39178 72338 08416 21554 30994 58389
69764 29132 16765 71742 11612 95482 72991 95910 27480
000 000
Courtesy Spectre

April 2012:

5773kHz2040z	04/04[147 1 36562 416 49 44021 ... 27480 000 000] Very strong, QRM2	(6m38s)	Spectre, PLdn	WED
2040z	18/04[147 1 11512 362 61 81275 ... 78682 000 000] Very strong	(7m36s)	Spectre, PLdn	WED
7437kHz0430z	05/04[411 1 36562 416 49 44021 ... 27480 000 000] Strong	(6m38s)	Spectre, PLdn	THU
0430z	12/04[411 000] Very strong	(2m14s)	Spectre, PLdn	THU
0430z	19/04[411 1 11512 362 61 81275 ... 78682 000 000] Very strong	(7m36s)	Spectre, Hans, PLdn	THU
0430z	26/04[411 000] Fair	(2m13s)	Spectre, PLdn	THU
7473kHz2020z	04/04[147 1 36562 416 49 44021 ... 27480 000 000] Very strong, BCQRM3	(6m38s)	Spectre, PLdn	WED
2020z	11/04[147 000] Very strong, BCQRM3	(2m14s)	Spectre, PLdn	WED
2020z	18/04[147 1 11512 362 61 81275 ... 78682 000 000] Very strong BCQRM2	(7m36s)	Spectre, PLdn	WED
2020z	25/04[147 000] Strong, BCQRM3	(2m13s)	Spectre, PLdn	WED
8137kHz0450z	05/04[411 1 36562 416 49 44021 ... 27480 000 000] Strong, QRM3	(6m38s)	PLdn	THU
0450z	12/04[411 000] Very strong	(2m14s)	PLdn	THU
0450z	19/04[411 1 11512 362 61 81275 ... 78682 000 000] Very strong	(7m36s)	PLdn	THU
0450z	26/04[411 000] Strong, BCQRM3	(2m13s)	PLdn	THU
8173kHz2000z	04/04[147 1 36562 416 49 44021 ... 27480 000 000] Very strong	(6m38s)	Spectre, PLdn	WED
2000z	11/04[147 000] Very strong	(2m14s)	Spectre, PLdn	WED
2000z	18/04[147 1 11512 362 61 81275 ... 78682 000 000] Very strong XJTQRM2	(7m36s)	Spectre, PLdn	WED
2000z	25/04[147 000] Very strong	(2m13s)	Spectre, PLdn, GD	WED
9137kHz0510z	05/04[411 1 36562 416 49 44021 ... 27480 000 000] Fair, QRM3	(6m38s)	Spectre, PLdn	THU
0510z	19/04[411 1 11512 362 61 81275 ... 78682 000 000] Very strong	(7m36s)	Spectre, PLdn	THU

E07a 8173/7473/5773kHz 2000/2020/2040z 04/04 Transcript:

147 1 36562 49
44021 45000 27277 34239 95206 76431 26524 54616 67764 58954
06831 66181 40408 15469 32747 43439 35719 79718 25329 17374
22922 00972 93905 18040 88899 64757 74598 10475 02414 08326
58740 84814 86484 10040 39178 72338 08416 21554 30994 58389
69764 29132 16765 71742 11612 95482 72991 95910 27480
000 000
Courtesy Spectre

E07a 8173/7473/5773kHz 2000/2020/2040z 18/04 Transcript:

147 1 11512 362 61
81275 22672 21295 58263 77208 35139 48044 27451 02527 91282
35142 20070 86244 41468 77073 02736 26371 86420 19022 21571
99305 15673 82099 64424 28148 46844 58163 15976 01229 57394
19583 68971 34569 37967 30415 41820 91205 81994 56877 53516
98318 28376 07112 46007 06118 05864 04887 48792 67391 48558
42846 81241 15921 97195 36749 75213 70552 63943 75164 10647
78682 000 000
Courtesy Spectre

E07a 7437/8137/9137kHz 0430/0450/0510z 05/04 Transcript:

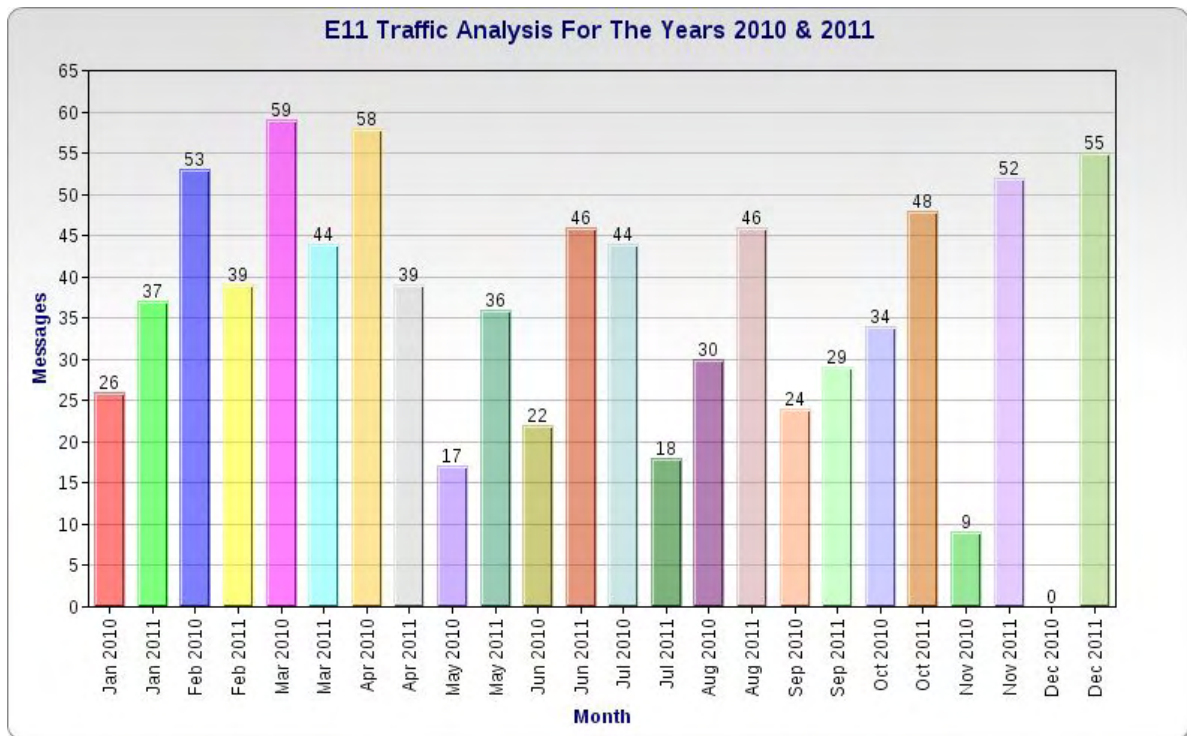
411 1 36562 49
44021 45000 27277 34239 95206 76431 26524 54616 67764 58954
06831 66181 40408 15469 32747 43439 35719 79718 25329 17374
22922 00972 93905 18040 88899 64757 74598 10475 02414 08326
58740 84814 86484 10040 39178 72338 08416 21554 30994 58389
69764 29132 16765 71742 11612 95482 72991 95910 27480
000 000
Courtesy Spectre

E07a 7437/8137/9137kHz 0430/0450/0510z 19/04 Transcript:

411 1 11512 362 61
81275 22672 21295 58263 77208 35139 48044 27451 02527 91282
35142 20070 86244 41468 77073 02736 26371 86420 19022 21571
99305 15673 82099 64424 28148 46844 58163 15976 01229 57394
19583 68971 34569 37967 30415 41820 91205 81994 56877 53516
98318 28376 07112 46007 06118 05864 04887 48792 67391 48558
42846 81241 15921 97195 36749 75213 70552 63943 75164 10647
78682 000 000
Courtesy Spectre

E11(III)

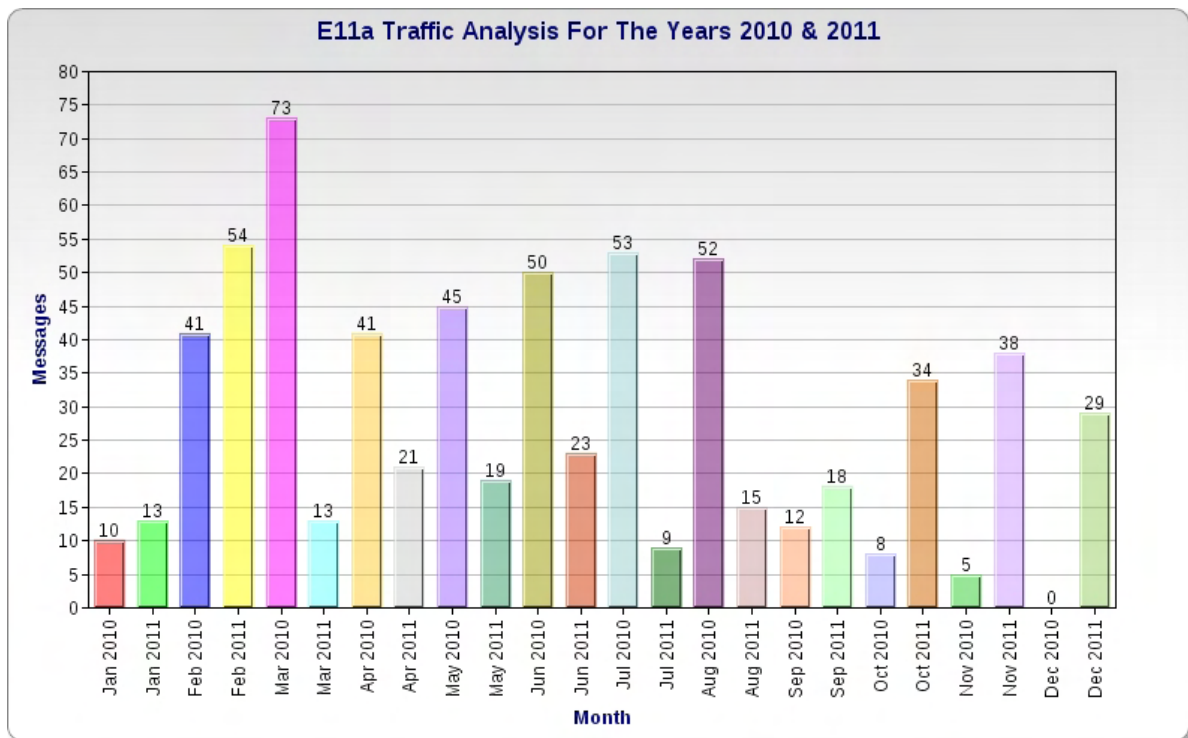
Also included in this section are histograms to show the frequency of messages per month for the years 2010 & 2011 [tnx Spectre]



E11 log March/April:

4909kHz	0900z	22/03 [248/00] Weak	RNGB	THU
	0900z	05/04 [248/00] RS59 B2	Johannes	THU
	0900z	12/04 [248/00]	HFD	THU
	0900z	14/04 [248/00] Weak	RNGB	SAT
	1445z	14/04 [287/00] Fair	Hans	SAT
	0900z	28/04 [248/00]	Danix	SAT
6304kHz	0450z	19/03 [416/00 TX Paused During Message] 0453z Weak QRN4 QSB4	Spectre	MON
	0450z	02/04 [416/00] Out 0453z Fair QRN2 QSB2	Spectre	MON
	0450z	16/04 [416/00] Out 0453z Strong QRN2 QSB2	Spectre	MON
	0450z	23/04 [416/00] Out 0453z Fair QRN3 QSB3	Spectre	MON
	0450z	30/04 [416/00] Out 0453z Fair QRN2 QSB2	Spectre	MON
6814kHz	0820z	05/03 [438/00]	RNGB	MON
	0820z	08/03 [438/00] Good	RNGB	THU
	0820z	12/03 [438/00] Out 0823z S7	Malc	MON
	0820z	02/04 [438/00] 0823z Weak QRN3 QSB3	Spectre	MON
	0820z	05/04 [438/00]	RNGB	THU
	0820z	09/04 [438/00]	RNGB	MON
	0820z	16/04 [438/00]	RNGB	MON
	0820z	19/04 [438/00]	RNGB	THU
	0820z	30/04 [438/00] Out 0823z	Malc	MON
6869kHz	2000z	20/04 [576/00]	RNGB	FRI
7449kHz	1045z	13/03 [469/00] very strong	DLBB	TUE
	1045z	14/03 [469/00] Out 1048z S1	Malc	WED
	1045z	21/03 [469/00]	RNGB	WED
	1045z	27/03 [469/00] 1048z Very Weak QRN3 QSB4	Spectre	TUE
	1045z	28/03 [469/00] 1048z Fair QRN4 QSB3	Spectre	WED
	1045z	10/04 [469/00] Out 1050z S7	Malc	TUE
	1045z	11/04 [469/00] Out 0948z S1	Malc, Spectre	WED
	1045z	18/04 [469/00]	RNGB	WED
7863kHz	2000z	10/04 [757/2000/00] Strong	RNGB	TUE
	2000z	17/04 [757/1100/00] Good	RNGB	TUE
9371kHz	1730z	08/03 [416/00] Good, BC QRM	RNGB	THU
	1730z	15/03 [416/00] 1733z Fair BCQRM3 QSB3	Spectre	THU
	1730z	22/03 [416/00] Good, QRM	RNGB	THU
	1730z	05/04 [416/00]	RNGB, Spectre	THU
	1730z	19/04 [416/00]	RNGB	THU
	1730z	26/04 [416/00]	RNGB	THU

9399kHz	0900z	05/03 [534/00] Fair	RNGB	MON
	0900z	07/03 [534/00]	RNGB	WED
	0900z	21/03 [534/00]	RNGB	WED
	0900z	02/04 [534/00]	Ary	MON
	0900z	04/04 [534/00]	RNGB	WED
	0900z	09/04 [534/00]	RNGB	MON
	0900z	11/04 [534/00] Out 0905z S7	Malc	WED
	0900z	18/04 [534/00]	RNGB	WED
	0900z	30/04 [534/00]	Gert	MON
10221kHz	0710z	02/03 [633/00]	RNGB	FRI
	0710z	06/03 [633/00]	RNGB	MON
	0710z	09/03 [633/00]	RNGB	FRI
	0710z	13/03 [633/00] 0713z Fair QRN4 QSB3	Spectre	TUE
	0710z	27/03 [633/00] 0713z Fair QRN4 QSB3	Spectre	TUE
	0710z	30/03 [633/00] 0713z Fair QRN3 QSB3	Spectre	FRI
	0710z	06/04 [633/00]	RNGB	FRI
	0710z	17/04 [633/00]	RNGB	TUE
	0710z	20/04 [633/00] Out 0713z Fair QRN4 QSB3	Spectre	FRI
	0710z	24/04 [633/00] Out 0713z Fair QRN3 QSB3	Spectre	TUE
10690kHz	0830z	27/04 [633/00] Out 0713z Weak QRN3 QSB3	Spectre	FRI
	0830z	01/03 [649/00]	RNGB	THU
	0830z	19/03 [649/00] Good	RNGB	MON
	0830z	22/03 [649/00]	Ary	THU
	0830z	26/03 [649/00] 0833z Weak QRN3 QSB4	Spectre	MON
	0830z	02/04 [649/00] Fair	Hans	MON
	0830z	05/04 [649/00] Out 0833z Weak QRN3 QSB4	Spectre	THU
	0830z	09/04 [649/00] Out 0833z Weak QRN3 QSB4	Spectre	MON
	0830z	12/04 [649/00] Out 0833z S7	Malc, RNGB	THU
	0830z	16/04 [649/00]	RNGB	MON
10800kHz	0830z	30/04 [649/00] Out 0833z	Malc	MON
	0645z	01/03 [517/00]	RNGB	THU
	0645z	06/03 [517/00] Fair	RNGB	TUE
	0645z	08/03 [517/00] 0648z Fair QRN3 QSB3	Spectre	THU
	0645z	13/03 [517/00] weak /w echo effect	DLBB	TUE
	0645z	20/03 [517/00]	RNGB	TUE
	0645z	22/03 [517/00]	Ary	THU
	0645z	10/04 [517/00]	RNGB, Malc	TUE
	0645z	17/04 [517/00]	RNGB	TUE
	0645z	19/04 [517/00]	RNGB	THU
13424kHz	0645z	24/04 [517/00]	RNGB	TUE
	1045z	06/03 [576/00] Good	RNGB	TUE
13455kHz	0615z	10/04 [133/00] Strong	RNGB	TUE
	0615z	25/04 [133/00] Fair	RNGB	WED
14575kHz	0745z	01/03 [335/00]	RNGB	THU
	0745z	06/03 [335/00] Good	RNGB	TUE
	0745z	08/03 [335/00] 0748z Weak QRN3 QSB3	Spectre	THU
	0745z	22/03 [335/00] 0748z Fair QRN3 QSB3	Spectre	THU
	0745z	05/04 [335/00] Weak	RNGB	THU
	0745z	19/04 [335/00] Out 0748z	Malc	THU
	0745z	24/04 [335/00]	RNGB	TUE
	0745z	26/04 [335/00] Good	RNGB	THU
15915kHz	1540z	05/03 [228/00]	RNGB	MON
	1155z	07/03 [718/00] Good	RNGB, Malc	WED
	1540z	12/03 [228/00] Out 1543z	Malc	MON
	1155z	21/03 [718/00] Strong	RNGB	WED
	1155z	22/03 [718/00]	RNGB	THU
	1540z	26/03 [228/00] 1543z Very Weak QRN4 QSB3	Spectre	MON
	1540z	01/04 [228/00] 1543z Fair QRN3 QSB2	Spectre	SUN
	1155z	11/04 [718/00]	RNGB, Spectre	WED
	1155z	12/04 [718/00] Out 1158z S9	Malc	THU
	1155z	18/04 [718/00]	RNGB	WED
	1540z	22/04 [228/00] Weak	RNGB, Spectre	SUN
	1540z	23/04 [228/00] Weak	RNGB	MON
	1155z	25/04 [718/00] Out 1158z S9	Malc	WED
	1540z	30/04 [228/00]	RNGB	MON

**E11a log March:**

5194kHz	1710z	06/04 [951/20 54135 82809 21969 02393 15408.....26434]	RNGB	FRI
	1710z	09/04 [959/20 77471 43623 03393 51396 59067.....68926] Good	RNGB	MON
	1710z	13/04 [953/30 87881 55987 40754 90749 54956.....20556]	RNGB	FRI
	1710z	20/04 [953/27 99159 25649 01240 63182 71226.....16129]	RNGB	FRI
	1710z	23/04 [959/30 19484 02783 55336 77401 58440.....82923] Fair	RNGB	MON
	1713z	27/04 [95#/30 01809 47418 47091 23273 09722 ... 79316] Out1720z	Danix	FRI
	1710z	30/04 [953/21 46303 14541 43178 26867 55053.....73020] Good	RNGB	MON
6304kHz	0450z	26/03 [415/30 Attention 26173 ... 90804] Out 0500z Fair QRN3 QSB3	Spectre	MON
	0450z	09/04 [417/38 Attention 78669 ... 679**] Out 0500z Fair QRN3 QSB2	Spectre	MON
6814kHz	0820z	19/03 [432/38 35194 07832 84361 89172 16454.....16595] Fair	RNGB	MON
	0820z	22/03 [432/38 35194 etc] repeat of Monday	RNGB	THU
	0820z	23/04 [439/33 46880 75065 73514 50013 53591.....60738] Fair	RNGB, Malc	MON
6869kHz	2000z	13/04 [570/37 68847 46792 41065 07653 97484.....58085] Good	RNGB	FRI
7449kHz	1045z	06/03 [460/36 38553 36024 24781 26481 75969.....44621] Good	RNGB	TUE
	1045z	24/04 [463/36 49900.....] Very weak	RNGB	TUE
9371kHz	1730z	29/03 [415/30 Attention 26173 ... 90804 Out] 1740z Fair QRN2 QSB4	Spectre	THU
	1730z	12/04 [410/38 02669 38687 39585 56896 42140.....24769]	Fox	THU
9399kHz	0900z	12/03 [530/35 00786 59309 49530 84646 80554.....56687] Out 0909z S9	Malc, Spectre	MON
	0900z	23/04 [532/33 43366 04595 73919 16333 94723.....99146] Weak	RNGB, Malc	MON
10221kHz	0710z	20/03 [631/36 64908 48976 11784 80605 85688.....01699] Good	RNGB	TUE
	0710z	23/03 [631/36 64908 etc] repeat of Tuesday	RNGB, Fox	FRI
	0710z	10/04 [630/31 67858 62624 85437 43486 18613.....08146] Good	RNGB, Malc	TUE
10690kHz	0830z	05/03 [644/38 87955 27625 54697 69728 99923.....81606] Good	RNGB	MON
	0830z	08/03 [644/38 87955 etc] repeat of Monday	Hans, RNGB	THU
	0830z	23/04 [644/32 41176 79190 74745 35708 84862.....64708] Good	RNGB, Malc	MON
	0830z	26/04 [644/32 41176 79190 74745 etc] repeat of Monday	Ary	THU
10800kHz	0645z	05/04 [512/32 43440 56878 78763 78672 33497.....13488] Fair	RNGB	THU
13375kHz	1400z	06/03 [985/10 77323 48984 08450 04476 11508.....34985] Strong	RNGB	TUE
	1110z	09/03 [954/40 21552 85948 32249 07918 70024.....83797] Very weak	RNGB	FRI
	1400z	10/03 [982/10 Attention 44543 ... 47420 Out] 1406z Weak QRN4 QSB3	Spectre	SAT
	1400z	13/03 [987/10 "Attention" 30535 95860 31639.....94488] Out1405z	Malc	TUE
	1400z	17/03 [982/10 Attention 60313 ... 20870 Out] 1406z Fair QRN3 QSB4	Spectre	SAT
	1110z	19/03 [953/32 25579 92979 84602 06820 05327.....42351] Good	RNGB	MON
	1400z	20/03 [987/10 Attention 57642 ... 21621 Out] 1406z Fair QRN3 QSB3	Spectre	TUE

1110z	23/03 [959/26 12968 17386 86630 42893 46138.....80442] Good	RNGB	FRI
1400z	24/03 [988/10 Attention 28121 ... 81800 Out] 1406z Weak QRN4 QSB4	Spectre	SAT
1400z	27/03 [988/10 Attention 52268 ... 24268 Out] 1406z Fair QRN2 QSB2	Spectre	TUE
1400z	03/04 [981/10 89667 65677 64450 71114 79440.....08284] Good	RNGB, Malc	TUE
1400z	31/03 [980/10 Attention 96172 ... 12767 Out] 1406z Fair QRN3 QSB2	Spectre	SAT
1400z	03/04 [981/10 89667 65677 64450 71114 79440.....08284]	RNGB	TUE
1110z	06/04 [952/33 49796 47029 82862 90295 04973.....35211]	RNGB	FRI
1400z	07/04 [981/10 63171 77244 65153 14418 76279.....12496] Fair	RNGB	SAT
1110z	09/04 [954/31 68982 79259 33270 41332 64610.....03900] Fair	RNGB	MON
1400z	10/04 [981/10 50426 42791 86529 58411 51034.....51426] Out1405z S5	Malc	TUE
1110z	13/04 [956/40 53749 97150 74323 7837?...] Very weak	RNGB	FRI
1400z	14/04 [981/10 51703 84854 20199 79234 33048.....13896] Good	RNGB	SAT
1110z	16/04 [952/40 61984 77179 82027 10742 34814.....48130]	RNGB	MON
1400z	17/04 [981/10 Attention 39698 29571 48740 72146..... 24915] Out 1406z	Spectre	TUE
1400z	21/04 [988/10 50469 48439 32726 84405 50127.....89198]	RNGB	SAT
1110z	23/04 [952/40 88324 70966 39338 45208 97504.....45241] Fair	RNGB	MON
1400z	24/04 [981/10 31711 14518 36929 32732 61967.....46238] Good	RNGB, Malc	TUE
1400z	28/04 [982/10 47728 54972 80893 95512 97109.....36244] Fair	RNGB, Gert	SAT
13424kHz 1045z	10/04 [570/37 68847 46792 41065 07653 97484.....58085] Strong	RNGB	TUE
14575kHz 0745z	10/04 [337/32 33247 45407 57049 30993 30003.....71613] Weak	RNGB	TUE
0745z	12/04 [337/32.....] Out 0758z (repeat of Tuesday). S1	Malc	THU
15915kHz 1155z	14/03 [710/35 "Attention" 62646.....46044] Out 1202z S8	Malc	WED
1155z	05/04 [719/31 8263743229 03730 80623 31582.....18763] Good	RNGB	THU
1540z	09/04 [229/32 81125 37827 35273 31317 60928.....37167] Very weak	RNGB	MON
1540z	15/04 [229/32 81125 etc] Good, Out 1849z repeat of Monday	RNGB	SUN

E17z

March 2012:

12930kHz0810z	01/03[674 902 5 89236 67583 09523 78923 99237 902 5 00000(s)] 0815z Very Weak XJTQRM3 QSB3	Spectre	THU
0810z	08/03[674 902 5 89236 67583 09523 78923 99237 902 5 00000(s)] 0815z Weak XJTQRM3 QSB3	Spectre	THU
0810z	15/03[674 830 5 20163 29067 57604 45563 63207 830 5 00000(s)] 0815z Fair XJTQRM3 QSB3	Spectre	THU
0810z	22/03[674 830 5 20163 29067 57604 45563 63207 830 5 00000(s)] 0815z Very Weak XJTQRM3 QSB3	Spectre	THU
0810z	29/03[674 00000(s)] 0813z Fair XJTQRM3 QSB2	Spectre	THU
14260kHz0800z	01/03[674 902 5 89236 67583 09523 78923 99237 902 5 00000(s)] 0805z Weak QRN3 QSB3	Spectre	THU
0800z	08/03[674 902 5 89236 67583 09523 78923 99237 902 5 00000(s)] 0805z Weak QRN3 QSB3	Spectre, GD	THU
0800z	15/03[674 830 5 20163 29067 57604 45563 63207 830 5 00000(s)] 0805z Fair QRN3 QSB3	Spectre, GD	THU
0800z	22/03[674 830 5 20163 29067 57604 45563 63207 830 5 00000(s)] 0805z Weak QRN3 QSB3	Spectre	THU
0800z	29/03[674 00000(s)] 0804z Fair QRN3 QSB2	Spectre, GD	THU

April 2012:

12930kHz0810z	05/04[674 802 5 80685 16617 41766 44635 15177 802 5 00000(s)] 0815z Very Weak		
	XJTQRM3 QSB4	Spectre	THU
0810z	12/04[674 802 5 80685 16617 41766 44635 15177 802 5 00000(s)] 0815z Weak QRN3 QSB3	Spectre	THU
0810z	19/04[674 539 8 82897 50755 43552 67353 58438 35553 25245 89664 539 8 00000(s)] 0816z Very Weak QRN4 QSB4	Spectre	THU
0810z	26/04[674 539 8 82897 50755 43552 67353 58438 35553 25245 89664 539 8 00000(s)] 0816z Weak QRN3 QSB4	Spectre	THU
14260kHz0800z	05/04[674 802 5 80685 16617 41766 44635 15177 802 5 00000(s)] 0805z Very Weak QRN4 QSB4	Spectre, GD	THU
0800z	12/04[674 802 5 80685 16617 41766 44635 15177 802 5 00000(s)] 0805z Weak QRN4 QSB4	Spectre	THU
0800z	19/04[674 539 8 82897 50755 43552 67353 58438 35553 25245 89664 539 8 00000(s)] 0806z	Spectre, M8	THU
0800z	26/04 [674 539 8 82897 50755 43552 67353 58438 35553 25245 89664 539 8 00000(s)] 0806z Weak	Spectre, GD	THU
	GD Notes, "First time I have heard it send more than 5 groups."		

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

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

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

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

As editorial.

AIK	SAT
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
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90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

AIK, MG	SAT
10	10
20	20
30	30
40	40
50	50
60	60
70	70
80	80
90	90
100	100

Fanis THU

AIK TUE

AIK TUE

AIK TUE

AIK TUE

AIK	TUE
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AIK	TUE
-----	-----

AIK TUE

AIK TUE

AIK TUE

AIK TUE

AIK TUE

AIK TUE

AIK THU

AIK THU

AIK THU

AIK THU

AIK THU

AIK THU

AIK SUN

AIK MON

	6140kHz 1111z 02/04 YL [880 880 880 880 880 880 880 880 880 880 880 880 880 MESSAGE MESSAGE MESSAGE 3340 7121 1094 6272 4798 8593 0555 5291 4078 2569 0895 3340 REBEAT REBEAT REBEAT 3340 7121 1094 6272 4798 8593 0555 5291 4078 2569 0895 3340 END OF MESSAGE END OF TRANSMISSION] VERY STRONG EOM EOT 1116z ///TONE INTRO. XMTR OFF AT 1117z.	AIK	MON
6140kHz 0754z 03/04 ///XMTR ON, TONE, XMTR OFF VERY STRONG - 0755z	AIK	TUE	
6140kHz 0757z 03/04 YL [360 017 95 360 017 95 360 017 95 360 017 95 360 017 95 360 01 01 01 01 MESSAGE MESSAGE MESSAGE 9410 4066 7575 8257 8729 9410 1007 REBEAT REBEAT REBEAT 3180 9410 4066 7575 8257 8729 9410 1007 END OF MESSAGE] VERY STRONG END OF MESSAGE 0803z ///LONG TONE INTRO. XMTR OFF AT 0806z.	AIK	TUE	
6140kHz 1027z 03/04 YL [672 672 672 672 672 672 672 672 672 672 672 672 672 672 MESSAGE MESSAGE MESSAGE 6520 2032 7742 7069 2499 9206 3255 5776 REBEAT REBEAT REBEAT 6520 2032 7742 7069 2499 9206 3255 5776 END OF MESSAGE] VERY STRONG END OF MESSAGE 1030z ///XMTR ON,PAUSE, TONE INTRO. XMTR SEEMED TO STAY OPEN WITH DEAD CARRIER UNTIL NEXT XMSN AT 1104z. LOW AUDIO LEVEL, HIGH QUALITY SIGNAL..	AIK	TUE	
6140kHz 1105z 03/04 YL [887 14 MESSAGE MESSAGE MESSAGE REBEAT REBEAT REBEAT END OF MESSAGE END OF TRANSMISSION] VERY STRONG EOM EOT 1110z ///TONE INTRO	AIK	TUE	
6140kHz 1025z 04/04[tone...672...MSG...] 1030z VeryWEAK QSB YL	Fanis	WED	
6140kHz 0722z 07/04 ///XMTR OPENS,CLOSES BRIEFLY. OPENS AGAIN WITH VERY STRONG CHARACTERISTIC E25 XMTR START-UP NOISES. AM MODE OR SUPPRESSED LSB. SOUNDS AS THOUGH THE MUSIC IS A REROUTE FROM SOME BC RADIO STATION. STRONG - 0724z	AIK	SAT	
6140kHz 0752z 07/04 ///XMTR OPENS, DEAD CARIER CONTIUNES... - - -	AIK	SAT	
6140kHz 0757z 07/04 YL [360 360 360 360 360 360 360 360 360 360 360 360 360 360 MESSAGE MESSAGE MESSAGE 2680 0410 6239 2421 5757 8729 0410 1005 REBEAT REBEAT REBEAT 2680 0410 6239 2421 5757 8729 0(XMTR OFF, THEN ON)10 1005 END OF MESSAGE END OF TRANSMISSION] VERY STRONG EOM EOT 0801z	AIK	SAT	
6140kHz 0927z 07/04 YL [333 333 333 333 333 333 333 333 333 333 333 333 333 333 333 MESSAGE MESSAGE MESSAGE 3180 8020 1747 01(XMTR OFF, THEN ON) 8 1485 4813 2538 8020 REBEAT REBEAT REBEAT 3180 802(TRUNCATED, THEN TONE)3180 8020 173 (14 SEC PAUSE) 3 (13 SEC PAUSE,THEN TONE) 333 333 333 333 333 333 333 333 3(XMTR OFF, THEN ON)3 333 333 MESSAGE MESSAGE MESSAGE 31 MESSAGE(TRUNCATED, 8 SEC PAUSE, THEN TONE) 333 333 333 333 333 333 333 333 333 333 333 333 333 MESSAGE MESSAGE MESSAGE 3180 8020 1747 0178 1485 4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020 1747 0178 1485 4813 2538 8020 END OF MESSAGE END OF TRANSMISSION]///TONE INTO. XMTR STILL OPEN DEAD CARRIER UNTIL 0940z. VERY STRONG EOM EOT 0938z	AIK	SAT	
6140kHz 0943z 07/04 YL [333 333 333... MESSAGE MESSAGE MESSAGE 3180 8020 1747 0178 1485 4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020 1747 01718 1485 4813 2538 8020 END OF MESSAGE END OF TRANSMISSION 333 333 333 333 333 333 333 333 333 333 333 333 333 333 MESSAGE MESSAGE MESSAGE 3180 8020 1747 0178 1485 4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020 1747 0178 1485 4813 2538 8020 END OF MESSAGE 333 333 333 333 333 333 333 333 333 333 333 333 333 333 333 MESSAGE MESSAGE MESSAGE 3180 8020 1747 0178 1485 4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020 1747 0178 1485 4813 2538]///XMTR ON, BRIEF TONE INTRO. MSG TRUNCATED – XMTR OFF. VERY STRONG 2538 0954z	AIK	SAT	
6140kHz 0957z 07/04 YL [333 333 333... MESSAGE MESSAGE 3180 801 1 2 0 1471 0178 1485 4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020 1747 0178 14854813 2538 8020 END OF MESSAGE END OF TRANSMISSION 333 333 333 333]//TRUNCATED, XMTR OFF. VERY STRONG 333 1002z	AIK	SAT	
6140kHz 1043z 07/04 YL [128 128 128 128 128(STUTTER)8 128 128 128 128 128 ME(WORD "MESSAGE" TRUNCATED)128 MESSAGE MESSAGE MESSAGE 9367 6001 3520 9231 3603 2192 0592 9338 5616 3520 REBEAT REBEAT REBEAT 9367 6001 3520 9231 3603 2192 0592 9338 5616 3520 END OF MESSAGE END OF VERY STRONG EOM EOT 1047z	AIK	SAT	
6140kHz 0850z 08/04 YL [169 169 169 169 169 169 169 169 169 169 169 169 169 169 MESSAGE MESSAGE MESSAGE 1745 9260 8349 6087 6175 5395 7542 5601 3372 8226 9075 5510 REBEAT REBEAT REBEAT 1745 9260 8349 6087 6175 5395 7542 5601 3372 8226 9075 5510 END OF MESSAGE] VERY STRONG END OF MESSAGE 0855z	AIK	SUN	
6140kHz 0937z 08/04 YL [333 333 333 333 333 333 333 333 333 333 333 MESSAGE MESSAGE MESSAGE 3180 8020 1747 0178 1485 481...(POWER OUTAGE ON MY END FROM 0936z TO 1020z – LOOKS LIKE A REPEAT FROM 07/04.)]. VERY STRONG -- AIK SUN ///XMTR ON, DEAD CARRIER THEN TONE INTRO			

6140kHz 0754z 03/04 ///XMTR ON, TONE, XMTR OFF VERY STRONG - 0755z AIK TUE

6140kHz 0757z 03/04 YL [360 017 95 360 017 95 360 017 95 360 017 95 360 017
95 360 01 01 01 01 MESSAGE MESSAGE MESSAGE 9410 4066 7575 8257 8729 9410 1007
REPEAT REPEAT REPEAT 3180 9410 4066 7575 8257 8729 9410 1007 END OF MESSAGE]
VERY STRONG END OF MESSAGE 0803z ///LONG TONE INTRO. XMTR OFF AT 0806z. AIK TUE

6140kHz 1027z 03/04 YL [672 672 672 672 672 672 672 672 672 672 672 672 672
672 672 MESSAGE MESSAGE MESSAGE MESSAGE 6520 2032 7742 7069 2499 9206 3255 5776 REBEAT
REBEAT REBEAT 6520 2032 7742 7069 2499 9206 3255 5776 END OF MESSAGE] VERY
STRONG END OF MESSAGE 1030z ///XMTR ON,PAUSE, TONE INTRO. XMTR SEEMED TO
STAY OPEN WITH DEAD CARRIER UNTIL NEXT XMSN AT 1104z. LOW AUDIO LEVEL, HIGH
QUALITY SIGNAL. AIK TUE

6140kHz 1105z 03/04 YL [887 14 887 14 887 14 887 14 887 14 887 14 887 14 887 14
887 14 887 14 887 14 887 14 887 14 887 14 887 14 887 14 887 14 887 14 887 14 887
14 887 14 887 14 887 14 887 14 MESSAGE MESSAGE MESSAGE REPEAT REPEAT
REPEAT END OF MESSAGE END OF TRANSMISSION] VERY STRONG EOM EOT 1110z
///TONE INTRO

AIK TUE

6140kHz1025z 04/04[tone...672...MSG...] 1030z VeryWEAK QSB YL Fanis WED

6140kHz 0722z 07/04 ///XMTR OPENS,CLOSES BRIEFLY. OPENS AGAIN WITH VERY STRONG CHARACTERISTIC E25 XMTR START-UP NOISES. AM MODE OR SUPPRESSED LSB. SOUNDS AS THOUGH THE MUSIC IS A REROUTE FROM SOME BC RADIO STATION. STRONG - 0724z AIK SAT

6140kHz 0752z 07/04 ///XMTR OPENS, DEAD CARIER CONTIUNES... - - - AIK SAT

6140kHz 0757z 07/04 YL [360 360 360 360 360 360 360 360 360 360 360 360 360
360 360 MESSAGE MESSAGE MESSAGE 2680 0410 6239 2421 5757 8729 0410 1005 REBEAT
REBEAT REBEAT 2680 0410 6239 2421 5757 8729 0(XMTR OFF, THEN ON)10 1005 END OF
MESSAGE END OF TRANSMISSION] VERY STRONG EOM EOT 0801z AIK SAT

6140kHz 0927z 07/04 YL [333 333 333 333 333 333 333 333 333 333 333 333 333
333 333 333 MESSAGE MESSAGE MESSAGE 3180 8020 1747 01(XMTR OFF, THEN ON) 8 1485
4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020(TRUNCATED, THEN TONE)3180 8020 173
(14 SEC PAUSE) 3 (13 SEC PAUSE,THEN TONE) 333 333 333 333 333 333 333 3(XMTR
OFF, THEN ON)3 333 333 MESSAGE MESSAGE MESSAGE 31 MESSAGE(TRUNCATED, 8 SEC
PAUSE, THEN TONE) 333 333 333 333 333 333 333 333 333 333 333 333 333 333
MESSAGE MESSAGE MESSAGE 3180 8020 1747 0178 1485 4813 2538 8020 REBEAT REBEAT
REBEAT 3180 8020 1747 0178 1485 4813 2538 8020 END OF
MESSAGE END OF TRANSMISSION]///TONE INTO. XMTR STILL OPEN DEAD
CARRIER UNTIL 0940z. VERY STRONG EOM EOT 0938z

AIK SAT

6140kHz 0943z 07/04 YL [333 333 333... MESSAGE MESSAGE MESSAGE 3180 8020
1747 0178 1485 4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020 1747 01718 1485
4813 2538 8020 END OF MESSAGE END OF TRANSMISSION 333 333 333 333 333 333 333
333 333 333 333 333 333 333 333 MESSAGE MESSAGE MESSAGE 3180 8020 1747 0178 1485
4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020 1747 0178 1485 4813 2538 8020 END
OF MESSAGE 333 333 333 333 333 333 333 333 333 333 333 333 333 333 333 333
MESSAGE MESSAGE MESSAGE 3180 8020 1747 0178 1485 4813 2538 8020 REBEAT REBEAT
REBEAT 3180 8020 1747 0178 1485 4813 2538]///XMTR ON, BRIEF TONE INTRO. MSG
TRUNCATED - XMTR OFF. VERY STRONG 2538 0954z AIK SAT

6140kHz 0957z 07/04 YL [333 333 333... MESSAGE MESSAGE 3180 801 1 2 0 1471
0178 1485 4813 2538 8020 REBEAT REBEAT REBEAT 3180 8020 1747 0178 14854813 2538
8020 END OF MESSAGE END OF TRANSMISSION 333 333 333
333///TRUNCATED. XMTR OFF. VERY STRONG 333 1002z AIK SAT

6140kHz 1043z 07/04 YL [128 128 128 128 128(STUTTER)8 128 128 128 128 128
128 ME(WORD "MESSAGE" TRUNCATED)128 MESSAGE MESSAGE MESSAGE 9367 6001 3520 9231
3603 2192 0592 9338 5616 3520 REBEAT REBEAT REBEAT 9367 6001 3520 9231 3603 2192
0592 9338 5616 3520 END OF MESSAGE END OF
VERY STRONG EOM EOT 1047z AIK SAT

6140kHz 0850z 08/04 YL [169 169 169 169 169 169 169 169 169 169 169 169 169
169 169 MESSAGE MESSAGE MESSAGE 1745 9260 8349 6087 6175 5395 7542 5601 3372
8226 9075 5510 REBEAT REBEAT REBEAT 1745 9260 8349 6087 6175 5395 7542 5601 3372
8226 9075 5510 END OF MESSAGE| VERY STRONG END OF MESSAGE 0855z AIK SUN

6140kHz 0937z 08/04 YL [333 333 333 333 333 333 333 333 333 333 MESSAGE MESSAGE
MESSAGE 3180 8020 1747 0178 1485 481...(POWER OUTAGE ON MY END FROM 0936z TO
1020z - LOOKS LIKE A REPEAT FROM 07/04.)] . VERY STRONG - - AIK SUN ///XMTR ON,
DEAD CARRIER THEN TONE INTRO

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6140kHz 1048z 09/04 YL [MESSAGE MESSAGE MESSAGE REBEAT REBEAT REBEAT]
 ///34 SEC PAUSE, TONE, 36 SEC PAUSE, BRIEF TONE, 5 SEC PAUSE, BREIF TONE, 39 SEC
 PAUSE, TONE, DEAD CARRIER, FOLLOWED BY SEVERAL CLICKS. A MALE VOICE SAYS,
 "HELLO" THEN TAPS THE MIC SEVERAL TIMES... MORE CLICKS THEN AT ABOUT 1102z...
 OM [54 (TAPS THE MIC SOME MORE) 54 126 54 126 54 126 54 126 54 126 54 126
 54 126 54 126 54 126 54 126 54 (TAPS AGAIN ON THE MIC, AUDIO LEVELS START
 TO COME UP A BIT) 126 54 126 54 126 54 126 54 126 54 126 54 126
 54 (AGAIN WITH THE MIC TAPPING. 39 SEC PAUSE/DEAD CARRIER THE XMTR OFF)]
 ///WEAK AUDIO, STRONG SIGNAL. VERY STRONG 54 1059z AIK MON

6140kHz 0826z 10/04 YL [702 25 702 25 702 25 702 25 702 25 702 25 702 25
 702 25 702 25 702 25 702 25 702 25 702 25 MESSAGE MESSAGE MESSAGE
 REBEAT REBEAT REBEAT END OF MESSAGE END OF TRANSMISSION] VERY STRONG EOM EOT
 0829z ///TONE INTRO. AT "EOM/EOT" XMTR STILL OPEN W/DEAD CARRIER. AIK TUE

6140kHz 0832z 10/04 YL [702 25 702 25 702 25 702 25 702 25 702 25 702 25
 702 25 702 25 702 25 702 25 702 25 702 25 702 25 MESSAGE MESSAGE MESSAGE
 REBEAT REBEAT REBEAT END OF MESSAGE END OF TRANSMISSION] VERY STRONG EOM EOT
 0836z ///TONE INTRO. AT "EOM/EOT" XMTR STILL OPEN W/DEAD CARRIER. AIK TUE

6140kHz 0913z 16/04 YL [955 6 955 6 955 6 955 6 955 6 955 6 955 6 955 6
 955 6 955 6 955 6 955 6 955 6 955 6 955 6 955 6 955 6 955 6
 955 6 955 6] VERY STRONG 6 0917z ///TONE INTRO, XMTR OFF. AIK MON

MARCH 2012: **9450kHz**

9450kHz1217z 04/03[830 3]1222z IO, YL, EOM EOT, WinXP shutdown sound MG SUN
 9450kHz1311z 09/03 YL [785 24 788 4 6 8 9 13 14 15 19 21 22 25 785 24 788
 4 6 8 9 13 14 15 19 21 22 25 785 24 788 4 6 8 9 13 14 15 19 21 22 25...] VERY
 STRONG 25 1324z AIK FRI ///TIME ON FROM XMTR, TONE A FEW SECONDS THEREAFTER THEN MSG. AIK FRI

APRIL2012:

9450kHz1311z 03/04 YL [785 29 30 31 788 4 785 29 30 31 788 4 785 29 30 31
 788 4 785 29 30 31 788 4 785 29 30 31 788 4 785 29 30 31 788 4 785 29 30 31 788
 4 785 29 30 31 788 4 785 29 30 31 788 4 785 29 30 31 788 4 785 29 30 31 788 4
 785 29 30 31 788 4 785 29 30 31 788 4] VERY STRONG 4 1317z ///TONE INTRO AIK TUE

9450kHz 1313z 10/04 YL [785 38 788 4 34 785 38 788 4 34 785 38 788 4 34 785
 38 788 4 34 785 38 788 4 34 785 38 788 4 34 785 38 788 4 34 785 38 788 4 34 785
 38 788 4 34 785 38 788 4 34 785 38 788 4 34 785 38 788 4 34 785 38 788 4 34 785
 38 788 4 34 785 38 788 4 34 78 78 78 7 REBEAT REBEAT END OF MESSAGE END OF
 TRANSMISSION] VERY STRONG QSB1 EOM EOT 1320z ///TONE INTRO. XMTR OFF 11
 SEC AFTER EOM/EOT". AIK TUE

9450kHz 1312z 12/04 YL [785 34 39 788 4 785 34 39 788 4 785 34 39 788 4 785
 34 39 788 4 785 34 39 788 4 785 34 39 788 4 785 34 39... 788 4 785 34 39 788 4
 785 34 39 788 4 785 34 39 788 4 785 34 39 788 4 785 34 39 788 4 785 34 39 788 4
 785 34 39 788 4 785 34 39 788 4 785 34 39 788 4 785 34 39 788 4 785 34 39 788 4
 7 7 7 7 MESSAGE MESSAGE MESSAGE REBEAT REBEAT REBEAT END OF MESSAGE] VERY
 STRONG END OF MESSAGE 1320z ///TONE INTRO. XMTR STAYS OPEN AFTER "EOM". AIK THU

9450kHz 1315z 24/04 [785 41 788 4 7 7 7 7 7] Tone YL weak AE TUE

G06[1A] **March 2012:**

5442kHz1930z 09/03[947 494 15 45364 ... 14890 494 15 00000(s)] 1937z Fair QRN3 QSB3 Spectre, HJH, E FRI
 1930z 23/03[947 494 15 45364 ... 14890 494 15 00000(s)] 1937z Fair QRN3 QSB3 Spectre, PLdn FRI

5442kHz 1930z 09/23/03 Transcript:

947 494 15
 45364 78697 56438 23143 89078
 65647 12130 54538 32341 27865
 98756 34254 43564 45361 14890
 494 15 00000 Courtesy Spectre

5935kHz1830z 08/03[434 579 15 45326 ... 62473 579 15 00000] Very strong signal, weak noise, bleeding FR THU
 434 579 15
 45326 45378 56897 10134 09080
 15647 87884 34258 25503 45367
 87657 63426 02134 23143 62473
 579 15 00000 Courtesy FR

6774kHz0800z 05/03[215 00000] 0804z Weak QRN2 QSB3 Spectre MON
 0800z 12/03[215 00000] 0804z Very Weak QRN4 QSB3 Spectre MON
 0800z 19/03[215 00000] 0804z Weak QRN4 QSB3 Spectre MON
 0800z 26/03[215 00000] 0804z Very Weak QRN3 QSB4 Spectre, AB MON

RNGB's March logs:

Mon 5th	08:00	6774	'215' 00000
	17:00	4639	'154' 245 13 82499 07686 52590 71167 28219.....30387
	18:00	5378	'154' 245 13 82499 07686 52590 71167 28219.....30387
Thurs 8th	18:30	5934	'434' 579 15 45326 45378 56897 12134 09082.....65473
Mon 19th	08:00	6774	'215' 00000
Fri 23rd	19:30	5442	'947' 494 15 45364 78697 56438 23143 89078.....54890

April 2012:

5378kHz1800z	02/04[154 00000(s)]1804z Strong/V.strong	Hans	MON
5442kHz1825z	13/04[123456789 (R2)] Strong	PLdn	FRI
1929z	13/04[947 368 15 23456 ... 56758 368 15 00000(s)] 1937z Strong	(7m40s) Spectre, PLdn, E	FRI
1930z	27/04[947 368 15 23456 ... 56758 368 15 00000(s)] 1937z Strong, gd quality audio	(7m12s) Spectre, PLdn	FRI
G06 5442kHz 1930z 13/27/04 Transcript:			
947 368 15 23456 78965 08976 56473 23451 56743 67809 07865 34563 67895 12356 78960 61156 67543 56758 368 15 00000 Courtesy Spectre			
5934kHz1830z	12/04[579 476 15 14325 ... 67895 476 15 00000(s)]Fair, BCQRM3/4	(7m04s) PLdn, FR	THU
579 476 15 14325 67895 09876 45678 34562 56743 12365 09876 34576 08796 34215 56743 23465 76543 67895 476 15 00000 Courtesy FR			
1830z	26/04[579 nnn nn nnnnn nnnnn 00000(s)]1837z Odd caracters audible under BCQRM4	(7m17s) PLdn	THU
6774kHz0800z	02/04[215 215 215 000000]0804z S2	M8, Spectre	MON
0800z	16/04[215 000000.....] 0803z S1	M8, Spectre	MON
0800z	23/04[215 000000]0803z very weak	M8, Spectre	MON

PoSW's G06 logs, March and April

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

8-Mar-12:- 5,934 kHz, an expected seasonal change of frequency from 4,519 kHz used in the winter months. Call "434" - now that was a surprise because it was expected to be "579" - since that was the case in previous years in March, certainly it was in 2009, 2010 and 2011. Strangely, the three digit number we usually refer to as the "DK" - Decode Key" - was "579", DK/GC "579 579 15 15". Good signal and interference free despite being inside the 49 metre broadcast band.

22-Mar-12:- 5,934 kHz, call still "434", so if it was an error it has not been corrected, DK/GC "579 579 15 15", as on the 8th.

12-Apr-12:- 5,934 kHz, calling "579" - looks as if the error in the call has been corrected, then. DK/GC "476 476 15 15". Stays on UTC so now on one hour later local time now that summertime has started, 7.30 pm in the UK. Broadcast interference making things difficult, not noted in March.

Friday Following the Second + Fourth Thursdays in the Month 1930 UTC Schedule:-

9-Mar-12:- 5,442 kHz, as in previous years a seasonal change of frequency from the 4,792 kHz of winter. Call "947" - as in March of years past - DK/GC "494 494 15 15".

23-Mar-12:- 5,442 kHz, "947" and "494 494 15 15" again. Started approx 30 seconds late according to my MSF controlled clock.

13-Apr-12:- 5,442 kHz, calling "947", DK/GC "368 368 15 15", S9 signal on a clear frequency.

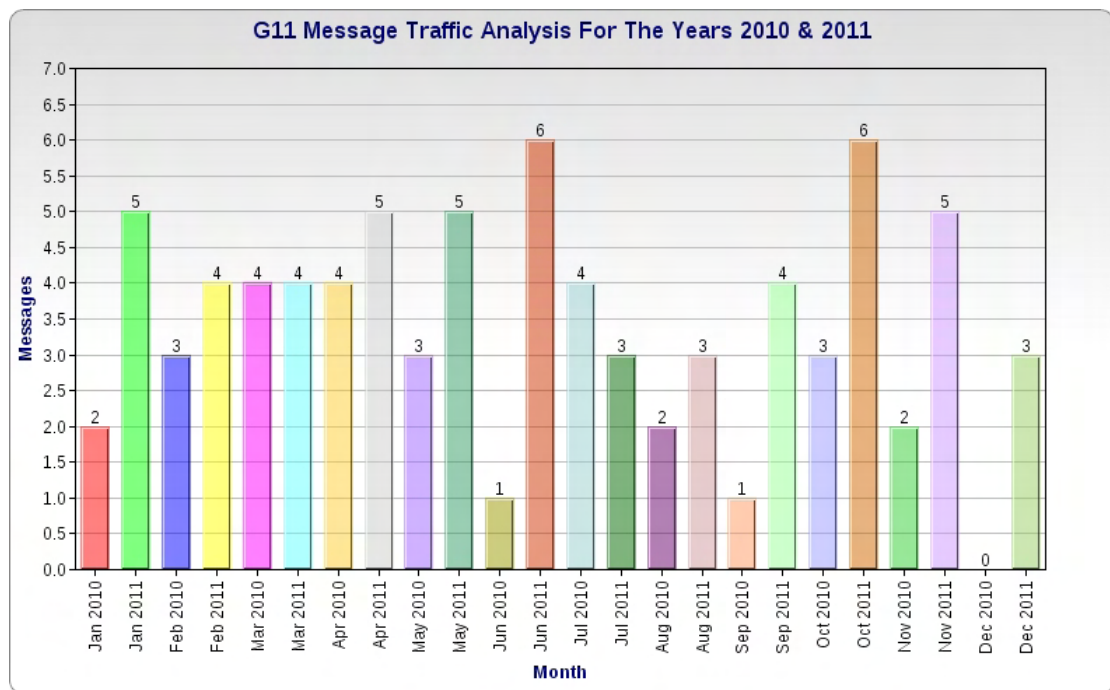
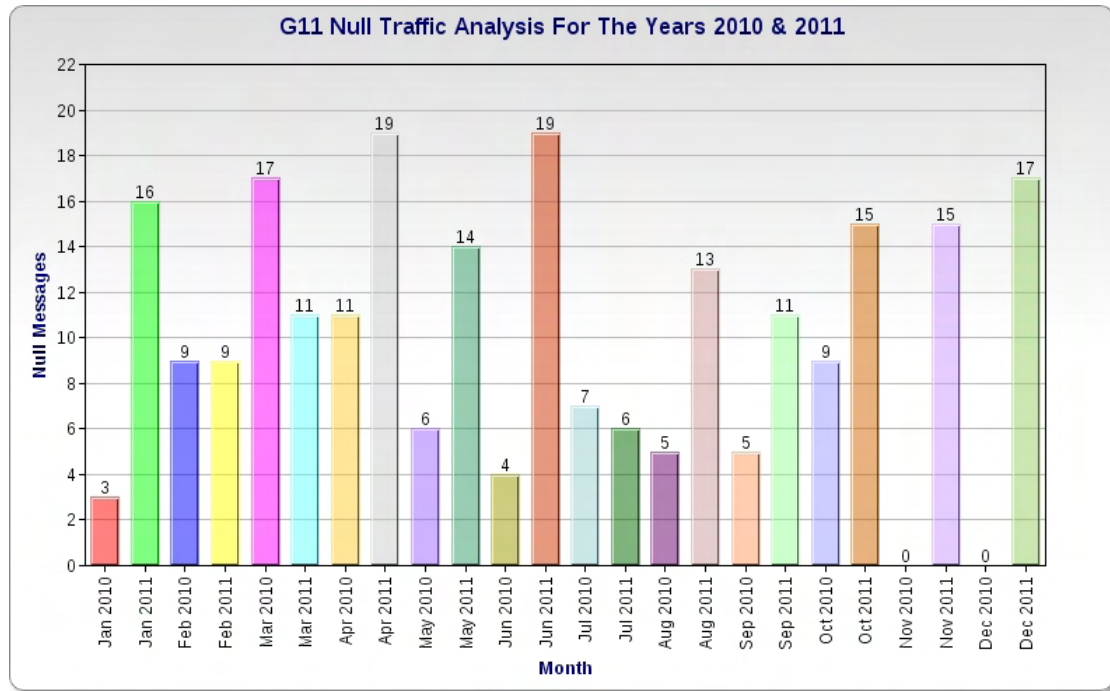
First + Second Mondays in the Month 1700 + 1800 UTC Schedule:-

2-Apr-12, 1800 UTC:- 5,378 kHz, "154 154 154 00000", S9 signal, must be the second sending at 1800 Zulu, 7 pm British summer time. I arrived home at 1700 and searched up and down the band for a possible sending but found no sign.

9-Apr-12, 1800 UTC:- 5,378 kHz, "154 154 154 00000". A public holiday in the UK so I was able to search for a possible first sending at 1700z and the usual pre-transmission warm - up routine in the ten minutes or so preceding the hour but again, nothing found.

G11(III)

Two charts plot the frequency of null traffic per month/ per year as well as actual messages sent [Thanks Spectre]



G11 log March/April:

5815kHz	1325z	02/03 [294/38 A 61140 21372 93397] 1336z Fair	Hans	FRI
	1755z	11/03 [270/35 61001 31949 31986 00484 59119.....98518] Strong	Fox	SUN
	1755z	13/03 [272/00] very strong	DLBB	TUE
	1325z	16/03 [299/00] Medium signal strength, moderate/strong noise	Fox	FRI
	1755z	18/03 [270/00] Strong signal, moderate noise, bleeding	Fox	SUN
	1755z	20/03 [270/00]	RNGB	TUE
	1755z	01/04 [270/00]	Ary	SUN
	1755z	03/04 [270/00] "Ende" 1759z S9+20	Malc	TUE
	1755z	10/04 [277/33 Achtung 92387 ... 93477] Ende 1806z Fair QRN3 QSB2	Spectre	TUE
	1325z	14/04 [299/32 A 27747 34464 68584] 1334z Weak	Hans	SAT
	1755z	17/04 [270/00] Out 1758z Strong QRN2 QSB2	Spectre	TUE
	1755z	22/04 [270/00] Strong	RNGB, Spectre	SUN
	1755z	24/04 [270/00]	RNGB	TUE
	1755z	29/04 [270/00]	Gary	SUN

6433kHz	2000z	16/03 [263/35 Achtung 92619 ... 10442] Ende 2011z Weak QRM4 QSB4	Spectre	FRI
	2000z	18/03 [263/35 92619 33365 15290 20760 06417.....10442] Good	RNGB	SUN
	2000z	23/03 [262/00] 2003z Strong QRM4 QSB2	Spectre	FRI
	2000z	25/03 [262/00] 2003z Fair QRM4 QSB3	Spectre	SUN
	2000z	30/03 [262/00] 2003z Fair QRM4 QSB2	Spectre	FRI
	2000z	01/04 [262/00]	Ary	SUN
	2000z	06/04 [262/00] (S11a Also Heard At End Of TX)] 2003z Fair QRN3 QSB3	Spectre	FRI
	2000z	08/04 [262/00] Good	RNGB	SUN
	2000z	13/04 [262/00]	RNGB	FRI
	2000z	20/04 [262/00]	RNGB	FRI
	2000z	22/04 [262/00] Very strong signal, weak noise	Fox	SUN
	2000z	27/04 [264/35 Achtung 99500 ... 59098] Ende 2010z Fair QRM3 QSB3	Spectre	FRI
	2000z	29/04 [264/35 Achtung! 99500 87252 74741 64800 67627.....59298]	Fox	SUN
7317kHz	0940z	01/03 [275/00] Good	RNGB	THU

S06

PoSW's March and April S06 files:

Saturday 1600 or 1605 UTC Schedule:-

3-Mar-12:- 1605 UTC, 7,612 kHz, "134 134 134 00000". S9 signal. Heard on this frequency - or a few kHz plus or minus - in March and April last year or at 1600z on 8,162 kHz.

17-Mar-12:- 1605 UTC, 7,612 kHz, "134 134 134 00000".

7-Apr-12:- 1600 UTC, 8,162 kHz, "134 134 134 00000", S9 signal. Stays on UTC so now on at 5 pm BST.

14-Apr-12:- 1605 UTC, 7,612 kHz, "134 134 134 00000", S7 to S8.

21-Apr-12:- 1600 UTC, 8,162 kHz, "134 134 134 00000" - of course!

Saturday 1930 or 1935 UTC Schedule:-

10-Mar-12:- 1935 UTC, 4,958 kHz, "843 843 843 00000", S6 to S7. Found approx. one minute into the transmission. S06 with call "843" heard several times in January and February at 1930z on 3,212 kHz - unable to find alternative 1935z sending but according to E2K Newsletter 69 would have been on 4,029 kHz.

17-Mar-12:- 1935 UTC, 4,958 kHz, "843 843 843 00000".

24-Mar-12:- 1935 UTC, 4,958 kHz, "843 843 843 00000", S5 to S6. Here's a funny thing; carrier with tone was up on 4,958 at 1920z and was S9+, suddenly became three or four S-points weaker as though something had been switched, either a dramatic reduction in transmitter power or to another antenna beaming the signal in a different direction.

7-Apr-12:- 1930 UTC, 6,788 kHz, "843 843 843 00000", found approx two minutes into the transmission after a search prompted by absence of pre-transmission warm-up routine on 4,958.

First + Third Saturdays in the Month 2000 UTC Schedule:-

3-Mar-12:- 2000 UTC, 5,317 kHz, "416 416 416 00000".

A seasonal change of frequency, heard in January and February at 2000z on 4,489 kHz with a repeat at 2100z on 3,626 - but no 2100z found today

17-Mar-12:- 2000 UTC, 5,317 kHz, "416 416 416 00000", S6 to S7, loud click before each "Cheteria" of the 3-figure call. Again, no repeat found at 2100z.

First + Third Saturdays in the Month 2030 + 2130 UTC Schedule - but did a spectacular time - shift in April! :-

3-Mar-12:- 2030 UTC, 6,942 kHz, 8.30 pm and all is well, "314 314 314 00000", S9 signal.

Seasonal change of frequencies, heard in January and February at 2030z, 5,123 kHz and 2130z, 4,462 kHz. Carrier with tone up on 4,462 at 2017z, single Russian "314" at 2019z and steady plain carrier until start up on the half hour.

2130 UTC, 9.30 pm, 5,923 kHz, second sending, up to S8 with deep QSB.

17-Mar-12:- 2030 UTC, 6,942 kHz, "314 314 314 00000", signal strength S5, much weaker than last time.

2130 UTC, 5,923 kHz, second sending, S8.

7-Apr-12:- 1900 UTC, 6,942 kHz, has dropped back by an hour and a half UTC, 1900z is

8 pm British Summertime. "314 314 314 00000", so no change there. Peaking strength S9.

2000 UTC, 5,923 kHz, second sending, strong signal, over S9.

Monday + Thursday 1900 or 1905 UTC Schedule:-

1-Mar-12, Thursday:- 1900 UTC, 5,784 kHz, "349 349 349 00000", S7 signal, side band splash from broadcaster on close frequency. Seasonal change of frequency, moving higher as we move into spring.

5-Mar-12, Monday:- 1900 UTC, 5,784 kHz, "349 349 349 00000", weak with BC QRM.

8-Mar-12, Thursday:- 1900 UTC, 5,771 kHz, a drop in frequency gets clear of the broadcast station, "349 349 349 00000".

12-Mar-12, Monday:- 1900 UTC, 5,796 kHz, "349 349 349 00000".

15-Mar-12, Thursday:- 1900 UTC, 5,784 kHz, "349 349 349 00000". S9 signal, strongest so far this month.

19-Mar-12, Monday:- 1905 UTC, 5,132 kHz, alternative time and frequency, “349 349 349 00000”, S9 with no interference.

22-Mar-12, Thursday:- 1900 UTC, 5,784 kHz. “349 349 349 00000”, S9+.

26-Mar-12, Monday:- 1900 UTC, 5,784 kHz, “349 349 349 00000”, peaking over S9, British Summertime now started so this schedule now on at 8 pm.

29-Mar-12, Thursday:- 1905 UTC, 8.05 pm BST, 5,127 kHz, “349 349 349 00000”, S9+, very strong signal.

2-Apr-12, Monday:- 1900 UTC, 5,784 kHz, “349 349 349 00000”, S9.

9-Apr-11, Monday:- 1900 UTC, 5,784 kHz, “349 349 349 00000”, S9+

12-Apr-12, Thursday:- 1900 UTC, 5,784 kHz, “349 349 349 00000”, S9+.

16-Apr-12, Monday:- 1900 UTC, 5,784 kHz, “349 349 349 00000” S9+.

19-Apr-12, Thursday:- 1900 UTC, 5,784 kHz - guess what? “349 349 349 00000”, S9+.

Second + Fourth Mondays in the Month Schedule:-

This S06 OM schedule in past years has been unusual in that it moved by one hour when the clocks change so it appeared at the same UK time, 9.15 pm + 10.15 pm at any season

of the year. I couldn't find this schedule at all in March this year despite doing a careful search at both the appropriate times. Found again in April when it turns out it has moved to an earlier time:-

9-Apr-12:- 1915 UTC, 11,105 kHz, “116 116 116 00000”. 8.15 pm British Summer Time, discovered by chance when tuning up to check out the 1900z E07 when a strong carrier

with tone was noted on 11,105. Single spoken “116” shortly afterwards. Couldn't find a second sending at 2015 UTC, thought that this 1915z might actually be the second sending, had to wait a fortnight to confirm!

23-Apr-12:- 1815 UTC, 13,440 kHz, “116 116 116 00000”, S9+ signal, very strong. Usual warm-up routine, carrier with tone found 1802z, single “116” a minute or so after. 7.15 pm BST.

1915 UTC, 11,105 kHz, second sending, also S9+.

Due to the size of the S06 logs each variant covers March, then April: S06 Mar/Ap; S06c Mar/Ap; S06s Mar/Ap.

We start with RNGB's logs:

S06 log March :

Mon 5th	08:30	9225	'480' 629 41 37428 93523 64082 66656 82322.....68700
	19:00	5784	'349' 00000
Weds 7th	08:30	9225	'480' 163 40 34507 52090 24544 08172 34242.....94752
Thurs 8th	19:00	5771	'349' 00000
Mon 19th	08:30	9225	'480' 219 45 29892 12160 63004 98610 77027.....38133
	12:00	8130	'480' 219 45 29892 12160 63004 98610 77027.....38133
Weds 21st	08:30	9225	'480' 976 42 85415 05660 12561 99127 26660.....91515
Thurs 22nd	19:00	5784	'349' 00000

S06s log March:

Monday

5th/12th	1300/1310	9145/11460	'831' 967 5 81726 53647 90987 12675 34521
19th/26th			'831' 256 7 04672 33426 64606 80548 55284 31424 14159
5th/12th	1600/1610	8040/6830	'176' 834 5 19867 67543 45367 78213 99223
19th/26th			'176' 208 5 02549 34632 47678 66063 52094

Tuesday

6th/13th	0600/0610	14080/12365	'438' 291 5 87654 34672 12906 80135 67548
20th/27th			'438' 206 5 94867 53944 87826 20878 45565
6th/13th	0700/0715	5760/6930	'374' 250 6 14520 45639 56206 38946 22977 34567
20th/27th			'374' 259 6 75239 27922 48446 04877 40458 45900
6th/13th	0800/0810	11635/10420	'352' 908 6 11603 32984 52964 29677 16247 65310
20th/27th			'352' 498 6 71284 09835 39857 13245 46756 08978
6th/13th	1000/1010	6410/7340	'893' 514 6 75643 89056 12316 56423 89504 80413
20th/27th			'893' 506 7 10293 68745 75231 08935 45321 79876 35012
6th/13th	1230/1240	? /5805	'278' No reports
20th/27th			'278'
6th/13th	1500/1510	6464/7242	'537' 218 6 78654 34213 76859 07843 23251 78563
20th/27th			'537'

Wednesday

7th/14th	0530/0540	10285/11405	'153' 00000
21st			'153' 00000
7th/14th	0820/0830	7605/9255	'471' 923 5 46301 68335 12550 23951 74446
21st/28th			'471' 925 6 78364 56239 01998 23435 74490 12098
7th/14th	0830/0840	7335/11830	'745' 201 6 13965 44610 11532 57046 25994 41645
21st/28th			'745' 281 6 98654 67870 24351 67856 89076 09080
7th/14th	0840/0850	9480/11040	'328' 594 6 34614 26837 59761 25712 42029 47081
21st/28th			'328' 456 7 10998 76843 67455 32458 01746 56733 29298
7th/14th	1000/1010	13365/14505	'729' 408 5 83745 61818 04844 04608 18665
21st/28th			'729' 834 5 14536 78654 77329 86767 23895
7th/14th	1200/1210	7120/6415	'481' 295 6 51054 77259 78922 34684 64534 66858

21st/28th			'481' 906 5 75038 02281 38101 01755 21441
7th/14th	1230/1240	7620/8105	'967' 824 5 48815 48011 57274 66150 06434
21st/28th			'967' 438 5 84079 00932 66984 26006 27774
7th/14th	1900/1910	9220/8270	'371' 269 5 16755 95512 56250 01176 54452

Thursday

1st/8th	0800/0810 (E17z)	14260/12930	'674' 902 5 89236 67583 09126 78923 99237
15th/22nd			'674' 830 5 20163 29067 57604 45562 63207
1st/8th	0900/0910	12952/13565	'167' 804 5 72635 47839 09822 67543 12365
15th/22nd			'167' 249 5 99228 77544 04816 56557 51269
1st/8th	1200/1210	12415/14212	'425' 937 6 89701 67238 56735 45689 01198 48243
15th/22nd			'425' 871 6 82277 14584 54425 21176 24340 85258
1st/8th	1400/1410	5410/6770	'624' 903 5 95872 07349 08541 55448 04638
15th/22nd			'624' 937 5 31594 86348 07698 16443 57602

Friday

2nd/9th	0600/0610	6340/5470	'934' 826 5 20158 25662 74073 50954 92455
16th/23rd			'934' 256 7 28494 54436 12822 24608 52409 61470
2nd/9th	0700/0710	7795/8695	'196' 837 5 50507 45549 64713 21479 97542
16th/23rd			'196' 473 5 77653 89912 56735 25189 41060
2nd/9th	0930/0940	12140/13515	'516' 908 7 45321 78696 78457 24316 79848 34125 89563
16th/23rd			'516' 402 7 68102 01595 29274 27265 91657 78923 58205

Saturday

3rd	1200/1210	10350/8520	'254' 873 6 28105 71934 58579 53537 45074 20635
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RNGB's April Logs:

S06 log April:

Tues 3rd	18:00	5890	'286' 00000
Weds 4th	08:30	9225	'480' 367 40 56799 23172 12538 90406 07709.....84703
Thurs 5th	19:00	5784	'349' 00000
Sat 7th	16:00	8162	'134' 00000
	19:00	5317	'416' 00000
	19:00	6942	'314' 00000
	19:30	6788	'843' 00000
	20:00	5923	'314' 00000
	20:00	4492	'416' 00000
Mon 9th	08:30	9225	'480' ??? too weak to copy
	19:00	5784	'349' 00000
Tues 10th	18:00	5890	'286' 00000
Thurs 12th	09:30	16318	'842' 560 31 56351 66607 60164 39954 26980.....07436
Sat 14th	19:35	4958	'843' 00000
Mon 16th	08:30	9225	'480' 735 44 07508.....
Weds 18th	08:30	9225	'480' 637 41 27894 00991 22-83 40842.....30569
Thurs 19th	08:30	9225	'480' 951 43 34804.....
Sat 21st	20:00	4485	'416' 00000
	20:00	5923	'314' 00000
Mon 23rd	08:30	9225	'480' 392 41 50637 57420 10276 03243 48730.....61198
	19:00	5784	'349' 00000
Weds 25th	08:30	9225	'480' 279 44 47109 34818 96901 64950 21574.....72436
Sat 28th	16:05	7612	'134' 00000

S06s log April:

Monday

2nd/9th	1300/1310	9145/11460	'831' 974 5 46248 70256 93569 94550 13685
16th/23rd			'831' 926 5 35884 10092 55671 16752 45718
2nd/9th	1600/1610	8040/6830	'176' 982 5 87452 43387 87924 64025 38502

Tuesday

3rd/10th	0600/0610	14080/12365	'438' 926 5 44844 09487 34191 82442 54147
17th/24th			'438' 207 5 61383 91347 57762 78822 51925
3rd/10th	0700/0715	5760/6930	'374' 501 6 07904 23455 79454 53314 73466 49747
17th/24th			'374' 502 6 24255 42897 98895 96124 11581 28355
3rd/10th	0800/0810	11635/10420	'352' 904 6 64877 42500 81125 47646 79398 77705
17th/24th			'352' 948 6 48705 43951 66535 50746 43485 75058
3rd/10th	1000/1010	6410/7340	'893' 512 6 64435 42835 58512 88101 01353 04528
17th/24th			'893' 527 6 15450 72110 85565 52805 28824 45083
3rd/10th	1500/1510	6464/7242	'537' 901 6 67598 90674 34216 56545 89734 23176

Wednesday

4th/11th	0530/0540	10835/12170	'153' 894 6 68745 89734 23165 89756 08956 45452
18th/25th			'153' 896 7 14053 25552 79555 55420 35141 16231 52955
4th/11th	0820/0830	7605/9255	'471' 529 6 13438 55536 44452 75824 05561 57735
18th/25th			'471' 850 6 54146 66941 40521 88695 67126 65351
4th/11th	0830/0840	7335/11830	'745' 218 6 82424 88874 81975 43455 64174 18553
18th/25th			'745' 298 6 94289 15244 21541 56567 48850 68867
4th/11th	0840/0850	9480/11040	'328' 541 6 56874 91631 54875 31455 15759 15251
18th/25th			'328' 945 6 29245 28842 82264 14255 81545 74165
4th/11th	1000/1010	13365/14505	'729' 418 5 72229 91489 77614 84292 00478

18th/25th			'729' 463 5 76043 39221 89067 65547 11043
4th/11th	1200/1210	7120/6415	'481' 9?7 5 45453 23831 ..74. 58393 4-400
4th/11th	1230/1240	7620/8105	'967' 832 5 84751 07258 53579 21655 67842

Thursday

5th/12th	0800/0810 (E17z)	14260/12930	'674' 803 5 80685 16617 41366 44635 15177
19th/26th			'674' 539 8 82897 50755 43112 67353 58438 35553 25241 89664
5th/12th	0900/0910	12952/13565	'167' 982 5 52411 73642 24015 84486 10351
19th/26th			'167' 243 5 52319 09243 09100 89403 78717
5th/12th	0930/0940	8650/7385	'314' 908 5 48111 53804 24260 54533 22361
19th/26th			'314' 268 5 79992 42700 51537 23110 01834
5th/12th	1200/1210	12415/14212	'425' 980 6 07685 35768 52848 70259 92156 48697
19th/26th			'425' 910 6 34841 53553 34832 77167 65514 30620
5th/12th	1400/1410	5410/6770	'624' Not heard

Friday

6th/13th	0600/0610	6340/5470	'934' 502 6 33692 25785 52352 92577 30105 51622
20th/27th			'934' 507 6 56432 78964 56423 12315 79845 67664
6th/13th	0700/0710	7795/8695	'196' 840 5 81927 67354 09182 45399 22908
20th/27th			'196' 270 5 56342 89756 13215 90674 67664
6th/13th	0930/0940	12140/13515	'516' 840 7 91009 87653 46372 98987 67335 23568 12453
20th/27th			'516' 439 7 14225 97567 66668 79045 15229 11050 58821

Saturday

7th	1200/1210	10350/8520	'254' 873 6 28105 71934 58579 53537 45074 20635
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Repeated groups:

18th Apr 2012	08.20	7605	'471' 850 6 54146 66941 40521 88695 67126 65351
4 Mar 2010	09.10	12310	'167' 809 5 54146 66941 40521 88695 78126
9 Nov 2011	19.00	8530	'371' 450 6 54146 66941 40521 88695 78126 65251
21 Dec 2010	08.10	10265	'352' 489 6 54146 66941 40521 88695 78126 65351
12 Jul 2011	12.30	7650	'278' 459 6 54146 66941 40521 88695 78126 65351
16 Sep 2011	06.00	6340	'934' 285 6 54146 66941 40521 88695 78126 95679
3 Aug 2010	08.00	14373	'352' 840 6 54156 66941 40521 88695 78126 65351
18th Apr 2012	08.30	7335	'745' 298 6 94289 15244 21541 56567 48850 68867
9 Jul 2010	09.30	10290	'516' 432 7 94289 15244 21541 56567 43850 68867 20384
13 Oct 2010	12.40	8105	'967' 804 5 94289 15244 21541 56567 48850
1 Dec 2010	19.10	7520	'371' 982 5 94289 15244 21541 56568 48850
18th Apr 2012	08.40	9480	'328' 945 6 29245 28842 82264 14255 81545 74165
7 May 2010	06.00	8340	'934' 260 5 29245 28842 82264 14255 81545
1 Dec 2010	12.00	7030	'481' 972 5 29245 28842 82264 14255 81545
16 Sep 2011	06.10	8695	'196' 240 5 29245 28842 82264 14255 81545
19 Sep 2011	12.00	9145	'831' 924 5 29245 28842 82264 14255 81545
1 Sep 2010	05.30	10835	'153' 487 6 29245 28842 82264 14255 81545 74167
23 Sep 2010	12.00	12560	'425' 901 6 29245 28842 82264 14255 81545 74167
14 Jun 2011	15.10	7744	'537' 912 6 29245 28842 82264 14255 81545 74167
6th Apr 2012	06.00	6340	'934' 502 6 33692 25785 52352 92577 30105 51622
18 Oct 2011	15.00	6,464	'537' 208 6 33692 25785 55253 92577 30105 51622
2 Sep 2011	06.00	7,795	'196' 427 5 33692 25785 66234 92577 30105

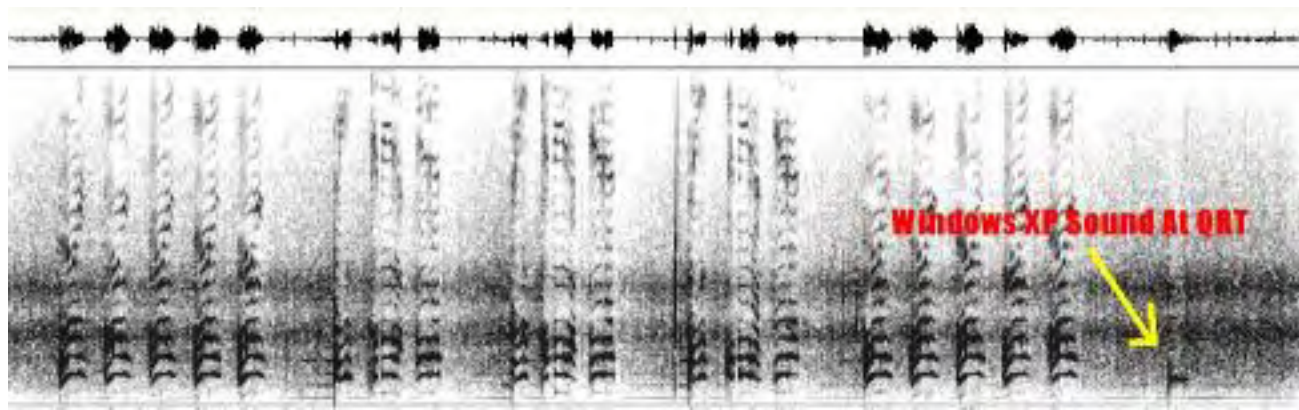
Other's logs:

S06

March 2012:

5132kHz1905z	19/03[349 00000] 1909z Fair QRN2 QSB2	Spectre	MON
5784kHz1900z	26/03[349 00000.....]1904z S9+10	M8, Hans	MON
7612kHz1605z	17/03[134 00000] strong fading	DLBB, HJH, Spectre	SAT
8162kHz1600z	24/03[134 134 134 00000]1605z S9+20	M8, FR	SAT
12176kHz1439z	20/03[Caught In Progress Ending 33463 420 139 00000(f)] 1454z Fair QRN4 QSB2	Spectre	TUE
15643kHz1330z	20/03[Caught In Progress Ending 33463 420 139 00000(f)] 1354z Weak QRN3 QSB4	Spectre	TUE

(Note a search was carried out on the 21/03 for repeat transmissions without success).



Windows XP Sound Heard Before QRT: 5784kHz1900z

09/04[349 00000] 1904z Fair QRN2 Courtesy Spectre

April 2012:

5784kHz1900z	09/04[349 00000 (Windows XP Sound Heard Before QRT)] 1904z Fair QRN2 QSB2	[see spectral image above]	Spectre, E	MON
1900z	16/04[349 00000]		HJH	MON
1900z	23/04[349 00000] 1904z Strong QRN2 QSB2		Spectre	MON
1900z	30/04[349 000000.....]1904z S9+10		M8, HJH	MON
5909kHz 0735z	04/04 [I.P Ends With 672 15 00000(s)] 0737z Fair QRN3 QSB3		Spectre	WED
6942kHz1900z	07/04[314x3 00000]		GD	SAT
7612kHz1605z	14/04[134 00000]		HJH, Hans	SAT
8162kHz1600z	07/04[134 00000] Strong signal, moderate noise		FR	SAT

S06c

March 2012:

14452kHz1102z	21/03 [I.P. 11179] 1104z Weak QRN3 QSB3	Spectre	WED
15876kHz1050z	21/03 [I.P. 11201] 1054z Fair QRN3 QSB3	Spectre	WED

(Note a search for the 11201 repeat transmission was carried out without any success. Also I monitored the frequencies 11201kHz and 11179kHz, a carrier was observed on 11201kHz from 1100z but no activity was present.)

16250kHz 1050z 21/03 [I.P. 11179] 1054z Weak QRN3 QSB3	Spectre	WED
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For a recording online visit: <http://www.youtube.com/watch?v=PSQnzCiyFpU>

S06c No reports

S06s

March 2012:

5470kHz0610z	16/03[-] Faintly heard a few numbers, very strong noise	FR	FRI
5760kHz0700z	27/03[374.....259 6 65239 26922 48446 04877 40458 45900 259 6 00000]0705z weak	M8	TUE
6340kHz0600z	02/03[934 826 5 20158 25662 74073 50954 92455] 0605z Fair	Hans	FRI
0600z	16/03[934 256 7] Medium signal strength, moderate/strong noise, fading	FR	FRI
6410kHz 1000z	06/03[893 514 6 75643 89056 1231* 56423 87504 80413 514 6 00000(s)]1005z VeryWeak QRN4 QSB4 Spectre		TUE
1000z	13/03[893 514 6 75643 89056 12316 56423 89504 80413 514 6 00000] very strong stanag overlay	DLBB, M8	TUE
6415kHz1210z	21/03[481 906 5 75088 02281 38101 01755 21441 906 5 00000(s)] 1215z Very Weak XJTQRM3 QSB3	Spectre	WED
1210z	28/03[481 906 5 75088 02281 38101 01755 21441 906 5 00000(s)] 1215z Weak QRN4 QSB3	Spectre	WED
6464kHz1500z	06/03[537 218 6 78654 34213 76859 07843 23251 78563 218 6 00000(s)] 1505z Fair QRN4 QSB3	Spectre	TUE
1500z	13/03[537 218 6 78654 34283 76859 07843 23251 78563 218 6 00000] strong + strong gw fsk	DLBB, M8	TUE
1500z	27/03[537 210 6 67453 78697 90756 45323 56552 12110] 1505z Fair	Hans	TUE
6830kHz1610z	05/03[176 834 5 19867 67543 45367 78913 99223 834 5 00000]1615z S4	M8, Spectre	MON
1610z	12/03[176 834 5 19867 67543 45367 78213 99223 834 5 00000(s)] 1615z Weak QRN3 QSB3	Spectre	MON
1610z	19/03[176 208 5 02549 34632 47678 66063 52094 208 5 00000(s)] 1615z Weak QRN3 QSB3	Spectre	MON
1610z	26/03[176 208 5 02549 34632 47678 66063 52094 208 5 00000]1615z S3	M8, Spectre	MON
6930kHz0708z	27/03[374 test]		
6930kHz0715z	27/03[374.....259 6 65239 26922 48446 04877 40458 45900 259 6 00000]0720z S5	M8	TUE

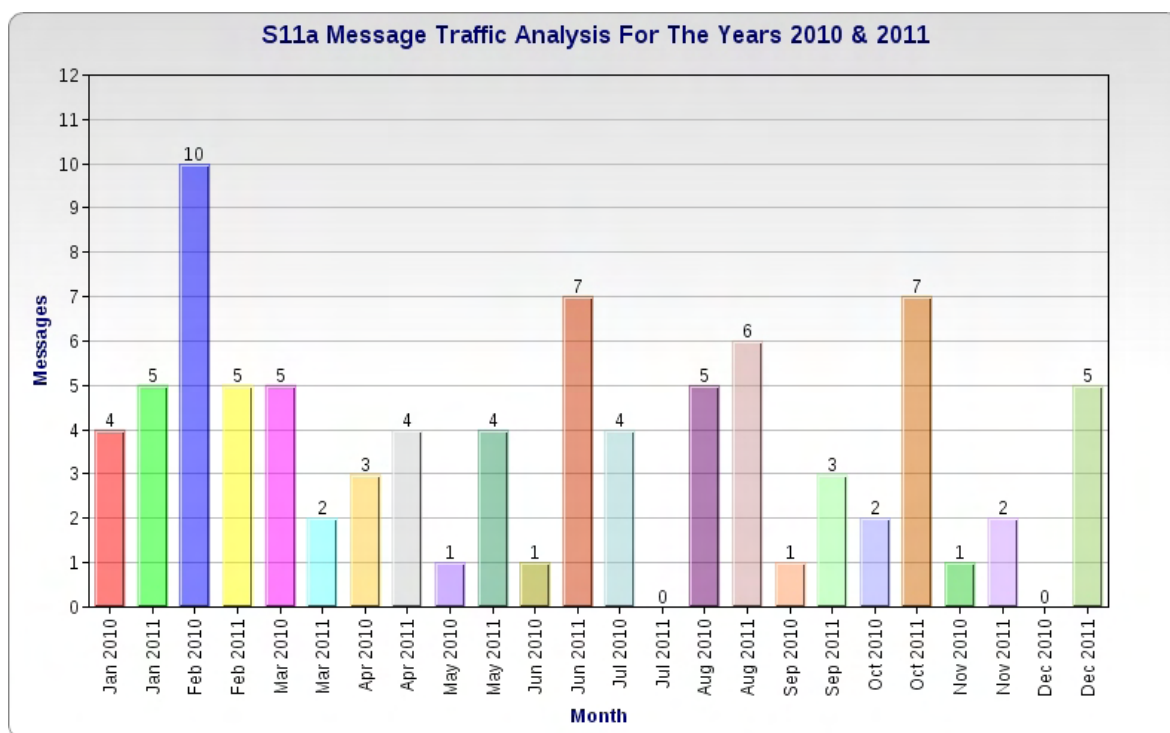
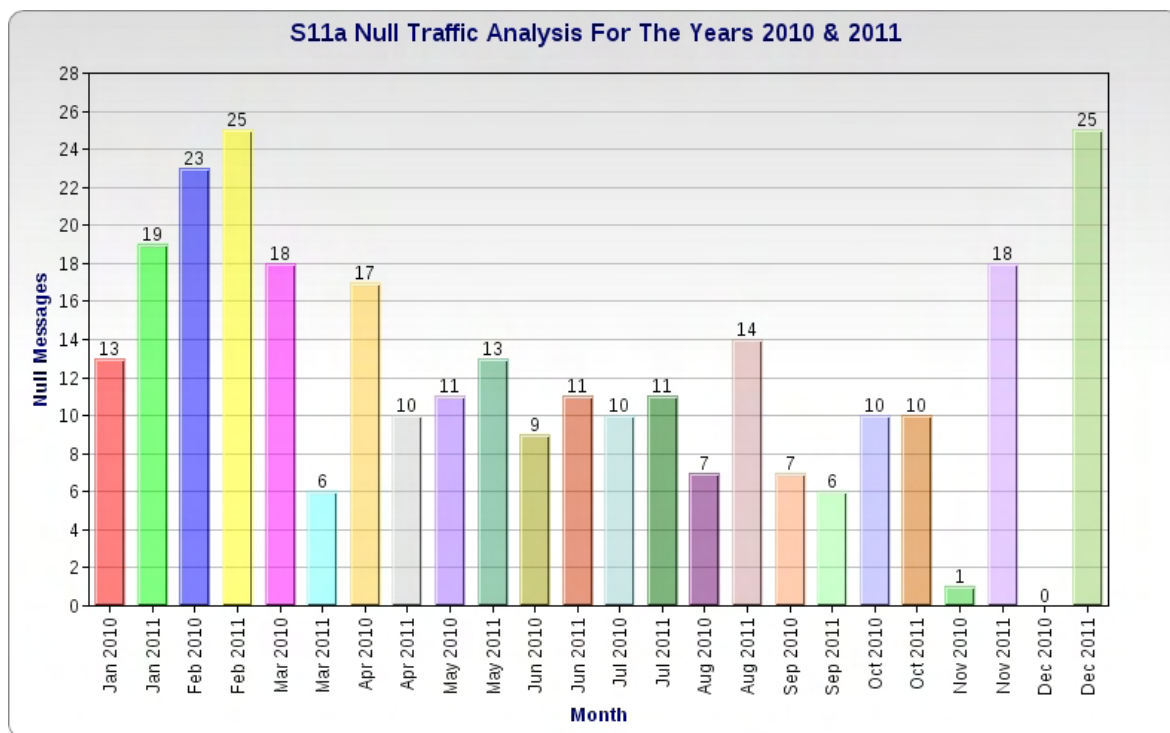
7120kHz1200z	14/03[481.....6.....00000]1205z S2 weak	M8	WED
1200z	21/03[481 906 5 75088 02281 38101 01755 21441 906 5 00000(s)] 1205z Weak QRN3 QSB3	Spectre	WED
1200z	28/03[481 906 5 75088 02281 38101 01755 21441 906 5 00000(s)] 1205z Weak QRN3 QSB3	Spectre	WED
7242kHz1510z	13/03[537 218 6 78654 34213 76889 07843 23251 78563 218 6 00000]1515z S3	M8	TUE
1510z	27/03[537 210 6 67453 78697 90756 45323 56552 12110] 1515z Fair BC-QRM4	Hans	TUE
7245kHz1510z	06/03[537 218 6 78654 34213 76859 07843 23251 78563 218 6 00000(s)] 1515z Fair QRM3 QSB3	Spectre	TUE
7340kHz1010z	06/03[893 514 6 75643 89056 12316 56423 89504 80413] 1015z Fair	Hans, Spectre	TUE
1010z	13/03[893 514 6.....00000]1015z S1	M8	TUE
1010z	27/03[893 506 7 10293 68745 75231 08935 45321 79876 35012]1015z Fair	Hans	TUE
7355kHz0830z	07/03[741 201 6 13965 44610 11532 57046 25994 41645 201 6 00000]0835z S4	M8, Spectre	WED
0830z	14/03[745 201 6 13965 44610 11352 56046 25994 41645 201 6 00000]0835z S7	M8, Spectre	WED
0830z	21/03[745 281 6 98654 67870 24351 67856 89076 09080 281 6 00000(s)] 0835z Fair QRN3 QSB3	Spectre	WED
0830z	28/03[745 281 6 98654 67870 24351 67856 89076 09080 281 6 00000]0835z S1	M8, Spectre	WED
7605kHz0820z	07/03 [471 923 5 46301 68335 12550 23951 74446 923 5 00000]0825z S3	M8	WED
0820z	14/03[471 923 5 46301....923 5 00000]0825z S1	M8	WED
1230z	14/03[967.....]very weak	M8	WED
0820z	28/03[471 925 6 78364 56239 01998 02435 94490 12098 925 6 00000]0825z S2	M8	WED
7795kHz0700z	09/03[196 Difficult To Copy] 0705z Very Weak QRN3 QSB4	Spectre	FRI
0700z	16/03[196 473 5 77653 89912 56735 25189 41060 473 5 00000(s)] 0705z Fair QRN3 QSB3	Spectre,FR	FRI
0700z	23/03[196 473 5 77653 89912 56735 25189 41060 473 5 00000(s)] 0705z Fair QRN4 QSB4	Spectre, E	FRI
0700z	30/03[196 00000(s)] 0704z Fair QRN4 QSB3	Spectre	FRI
8040kHz1600z	05/03[176 834 5 19867 67543 45367 78213 99223 834 5 00000(s)] 1605z Fair	M8, Spectre	MON
1600z	12/03[176 834 5 19867 67543 45367 78213 99223 834 5 00000(s)] 1605z Weak QRN3 QSB3	Spectre	MON
1600z	19/03[176 208 5 02549 34632 47678 66063 52094 208 5 00000(s)] 1605z Weak QRN3 QSB3	Spectre	MON
1600z	26/03[176 208 5 02549 34632 47678 66063 52094 208 5 00000(s)] 1605z Weak QRN3 QSB3	Spectre, M8	MON
8105kHz1240z	07/03[WEAK.....]1245z	M8	WED
8270kHz1910z	07/03[371 269 5 16755 95512 56250 01176 54452 269 5 00000]1915z S4	M8	WED
8695kHz0710z	16/03[196 473 5 77653 89912 56735 25189 41060 473 5 00000] Very strong signal, moderate noise	FR, Spectre	FRI
0710z	23/03[196 473 5 77653 89912 56735 25189 41060 473 5 00000(s)] 0715z Fair QRN4 QSB4	Spectre	FRI
0710z	30/03[196 00000(s)] 0713z Fair QRN4 QSB3	Spectre	FRI
9145kHz1200z	05/03[831 967 5 81796 53647 90987 12675 34521 967 5 00000]1205z S4	M8	MON
1200z	19/03[831 256 7 04672 33426 64606 80548 55284 31424 14159 256 7 00000(s)] 1206z Weak QRN3 QSB3	Spectre	MON
1200z	26/03[831 256 7 04671 33426 64606 80548 55214 31424 14159 256 7 00000]1205z S3	M8 , Spectre	MON
9224kHz0830z	14/03[471 923 5 46301....923 5 00000]0835z S3	M8	WED
9255kHz0830z	07/03[471 923 5 46301 68335 12550 23951 74446 923 5 00000]0835z S4	M8	WED
0830z	28/03[471 925 6 78364 56239 01998 02435 94490 12098 925 6 00000]0835z S3	M8	WED
10420kHz0810z	13/03[352 908 6 11603.....908 6 00000]0815z S2	M8	TUE
0810z	27/03[352....498 6 61284 09835 39857 13241 4..... 08978 498 6 00000]0815z S2	M8	TUE
11040kHz0853z	14/03[328 694 6 34614 ... 694 6 00000] Started late YL Fair	PLdn	WED
11460kHz1210z	05/03[831 967 5 81796 53647 90987 12675 34521 967 5 00000]1215z S5	M8, Spectre	MON
1210z	12/03[831 Difficult To Copy] 1215z Very Weak QRN3 QSB4	Spectre	MON
1210z	19/03[831 256 7 04672 33426 64606 80548 55284 31424 14159 256 7 00000(s)]1216z Fair QRN3 QSB3	Spectre	MON
1210z	26/03[831 256 7 04671 33426 64606 80548 55214 31424 14159 256 7 00000]1215z S3	M8, Spectre	MON
11635kHz0800z	27/03[352.... 00000]0805z S1	M8	TUE
11830kHz0840z	07/03[745 201 6 13965 44610 11532 57046 25994 41645 201 6 00000(s)] 0845z Fair QRN3 QSB2	Spectre, M8	WED
0840z	14/03[328 (Pause) 594 6 34614 26837 59761 (Pause) 745 201 6 13965 44610 11532 57046 25994 41645 201 6 00000(s)] 0848z Fair QRN2 QSB2	Spectre, M8, PLdn	WED
0840z	21/03[745 281 6 98654 67870 24351 67856 89076 09080 281 6 00000(s)] 0845z Fair QRN3 QSB3	Spectre	WED
0840z	28/03[745 281 6 98654 67870 24351 67856 89076 09080 281 6 00000(s)] 0845z Fair STANAGQRM4 QSB3	Spectre, M8	WED
12140kHz0930z	02/03[516 908 7 45321 78696 78457 24316 79848 34125 89563 908 7 00000(s)] 0936z Weak QRN3 QSB3	Spectre	FRI
0930z	09/03[516 980 7 45321 78696 78457 24316 79848 34125 89563 908 7 00000]0935z S5	M8, Spectre	FRI
0930z	16/03[516 402 7 68102 01595 29274 27265 91657 78923 58205 402 7 00000] Very strong signal	FR, Spectre	FRI
0930z	23/03[516 402 7 68102 01595 29274 27265 91657 78923 58205 402 7 00000(s)] 0936z Strong QRN2 QSB2	Spectre	FRI
0930z	30/03[516 00000(s)] 0934z Strong QRN2 QSB2	Spectre	FRI
12415kHz1200z	01/03[425 937 6 89701 67238 56735 45689 01198 48243 937 6 0 0 0 0 0]1205z QSA5	JO	THU
12952kHz0900z	15/03[167 249 5 99228 77544 04816 56557 51269 249 5 00000(s)] 0905z Strong QRN2 QSB3	Spectre	THU
0900z	22/03[167 249 5 99228 77544 04816 56557 51269 249 5 00000(s)] 0905z Strong QRN2 QSB3	Spectre	THU
0900z	29/03[167 00000(s)] 0904z Fair QRN3 QSB2	Spectre	THU

13365kHz1000z	07/03[729 408 5 83745 61818 04844 04608 18665 408 5 00000]1005z S9+30	M8, Spectre	WED
1000z	14/03[729 408 5 83745.....18665 729 6 00000]1005z S9+20	M8, Spectre	WED
1000z	21/03[729 834 5 14536 78654 77329 86767 23895 834 5 00000(s)] 1005z Fair QRN3 QSB3	Spectre	WED
1000z	28/03[729 834 5 14536 78654 77329 86767 23895 834 5 00000]1005z S9	M8, Spectre	WED
13515kHz0940z	02/03[516 908 7 45321 78696 78457 24316 79848 34125 89563 908 7 00000(s)] 0946z Weak QRN4		
0940z	09/03[516 908 7 45321 78696 78457 24316 79848 34125 89563 908 7 00000(s)] 0946z Very Weak QSB3	Spectre	FRI
0940z	16/03[516 402 7 68102 01595 29274 27265 91657 78923 58205 402 7 00000(s)] 0946z Fair QSB2	M8,Spectre	FRI
0940z	23/03[516 402 7 68102 01595 29274 27265 91657 78923 58205 402 7 00000(s)] 0946z Fair QSB2	Spectre	FRI
0940z	30/03[516 00000(s)] 0943z Strong QRN2 QSB2	Spectre	FRI
13565kHz0910z	15/03[167 249 5 99228 77544 04816 56557 51269 249 5 00000(s)] 0915z Fair QRN3 QSB3	Spectre	THU
0910z	22/03[167 249 5 99228 77544 04816 56557 51269 249 5 00000(s)] 0915z Strong QRN2 QSB2	Spectre	THU
0910z	29/03[167 00000(s)] 0914z Fair QRN3 QSB2	Spectre	THU
14212kHz1210z	01/03[425 937 6 89701 67238 56735 45689 01198 48243 937 6 0 0 0 0 0]1205z QSA5	JO	THU
14505kHz1010z	07/03[729 408 5 83745 61818 04844 04608 18665 408 5 00000]1015zS9+40	M8, Spectre	WED
1010z	14/03[729 408 5 83745.....18665 729 6 00000]1015z S9+30	M8, Spectre	WED
1010z	21/03[729 834 5 14536 78654 77329 86767 23895 834 5 00000(s)] 1015z Fair QRN3 QSB3	Spectre	WED
1010z	28/03[729 834 5 14536 78654 77329 86767 23895 834 5 00000]1015z S8	M8, Spectre	WED
<u>April 2012:</u>			
5470kHz0610z	06/04[934 502 6 33692 25785 52352 92577 30105 51622 502 6 00000] Weak/medium sigs, QRM	FR	FRI
0700z	17/04 [very weak]	M8	TUE
5760kHz0700z	03/04[374 501 6 07904 23455 79454 53314 73466 49747 501 6 00000(s)] 0705z Weak QRN3QSB3	Spectre	TUE
0700z	10/04[374 501 6 07904 23455 79454 53314 73466 49747 501 6 00000(s)] 0705z Fair QRN3 QSB3	Spectre	TUE
6340kHz0600z	06/04[934 502 6 33692 25785 52352 92577 30105 51622 502 6 00000] Low audio QRM	FR	FRI
6410kHz1000z	03/04[893 512 6 64435 42795 58512 88101 01353 04528 512 6 00000(s)]1005z Very Weak QRN3 QSB3	Spectre	TUE
1000z	10/04[893 512 6 64435 42795 58512 88101 01353 04528 512 6 00000(s)]1005z Very Weak QRN3 QSB	Spectre	TUE
6415kHz1210z	11/04[481 927 5 .....QRM]1215z S1	M8	WED
6464kHz1500z	03/04[537 901 6 67598 90674 34216 56545 89734 23176 901 6 00000(s)] 1505z Very Weak QRN3 QSB3	Spectre, M8	TUE
1500z	10/04[537 901 6 67598 90674 34216 56545 89734 23176 901 6 00000(s)] 1505z Fair DATAQRM5 QSB3	Spectre, M8	TUE
6830kHz1610z	02/04[176 982 5 87452 43387 87924 64025 38502 982 5 00000(s)] 1615z Weak QRN2 QSB4	Spectre, M8	MON
1610z	09/04[176 982 5 87452 43387 87924 64025 38502 982 5 00000(s)] 1615z Very Weak QRN3 QSB4	Spectre	MON
6930kHz0715z	03/04[743 501 6 07904 13455 79454 53314 73466 49747 501 6 00000]0720z S5	M8	TUE
0715z	10/04[374 501 6 07904 23455 79454 53314 73466 49747 501 6 00000] Several interferences by Russian military stations on 693 kHz	AB	TUE
7120kHz1200z	11/04[481 927 5 45453 23831...QRM.....]1205Z S1	M8	WED
7245kHz1510z	03/04[537 901 6 67598 90674 34216 56545 89734 23176 901 6 00000(s)] 1515z Weak QRN3 QSB	Spectre	TUE
1510z	10/04[537 901 6 67598 90674 34216 56545 89734 23176 901 6 00000(s)] 1515z Fair QRN3 QSB3	Spectre	TUE
7335kHz0830z	11/04[745 218 6 82424 88878 19755 43455 64174 14553 218 6 00000]0835 S5	M8, Spectre	WED
0830z	25/04[745 298 6 94289 15244 21541 56567 48850 68867 298 6 00000]0835z S2	M8, Spectre	WED
7340kHz1010z	03/04[893 512 6 64435 42795 58512 88101 01353 04528 512 6 00000(s)] 1015z Weak QRN3 QSB3	Spectre	TUE
1010z	10/04[893 512 6 64435 42795 58512 88101 01353 04528 512 6 00000(s)] 1015z Very Weak QRN3 QSB3	Spectre	TUE
7605kHz0820z	11/04[471 529 6 13438 55536 44452 75824 05561 57735 529 6 00000]0825z S2	M8	WED
0820z	25/04[471 850 6 54146 66941 40521 88695 67126 65351 850 6 00000]0825z S1	M8	WED
7620kHz1230z	11/04[967 weak unreadable]	M8	WED
7795kHz0600z	20/04[196 270 5 5*642 89756 13215 90674 67664 270 5 00000(s)] 0605z Fair STANAGQRM4 QSB3	Spectre	FRI
8040kHz1600z	02/04[176 982 5 87452 43387 87924 64025 38502 982 5 00000(s)] 1605z Fair DATAQRM4 QSB3	Spectre, M8	MON
1600z	09/04[176 982 5 87452 43387 87924 64025 38502 982 5 00000(s)] 1605z Weak QRN4 QSB3	Spectre, HJH	MON
8105kHz1240z	11/04[967 weak unreadable]	M8	WED
8520kHz1210z	07/04[254 873 6 28105 79634 58579 53537 45074 20635 873 6 00000(s)]1215z Weak,QRN3 QSB3	Spectre	SAT
9145kHz1200z	02/04[831 974 5 46248 70256 93569 94550 13685] 1205z Weak	Hans, Spectre	MON
1200z	09/04[831 974 5 46248 70256 93569 94550 13685 974 5 00000(s)] 1205z Weak QRN3 QSB3	Spectre	MON
1200z	16/04[831 926 5 35884 10092 55671 16752 45718 926 5 00000]1205z S2	M8	MON
1200z	23/04[831 926 5 35884 10092 55671 16752 45718 926 5 00000]1205z S3	M8	MON
9255kHz0830z	11/04[471 529 6 13438 55536 44452 75824 05561 57735 529 6 00000]0835z S2	M8	WED
0830z	25/04[471 850 6 54146 66941 40521 88695 67126 65351 850 6 00000]0835z S2	M8	WED
10350kHz1200z	07/04[254 873 6 28105 79634 58579 53537 45074 20635 873 6 00000(s)] 1205z Weak QRN3 QSB3	Spectre, FR	SAT
10420kHz0810z	03/04 [352 904 6 64877 42500 81125 47646 79398 77705 904 6 00000(s)] 0815z Weak QRN3 QSB3	Spectre	TUE

0810z	10/04[352 904 6 64877 42500 81125 47646 79398 77705 904 6 00000]	E, Spectre	TUE
0810z	24/04[352 948 6 48705 43951 66535 50746 43485 75058 948 6 00000]0815z S1	M8	TUE
10885kHz0530z	04/04[153 894 6 68745 89734 27142 ... 45474 894 6 00000(s)] 0535z Weak QRN3 QSB4	Spectre	WED
0530z	11/04[153 894 6 68745 89734 27142 ... 45474 894 6 00000(s)] 0535z Weak QRN3 QSB4	Spectre	WED
11420kHz0810z	17/04[352....]very weak	M8	TUE
11460kHz 1210z	02/04[831 974 5 46248 70256 93569 94550 13685 974 5 00000(s)] 1215z Fair QRN2 QSB2	Spectre	MON
1210z	09/04[831 974 5 46248 70256 93569 94550 13685 974 5 00000(s)] 1215z Weak QRN3 QSB3	Spectre	MON
1210z	16/04[831 926 5 35884 10092 55671 16752 45718 926 5 00000]1215z S5	M8	MON
1210z	23/04[831 926 5 35884 10092 55671 16752 45718 926 5 00000]1215z S9	M8	MON
11635kHz0800z	03/04[352 904 6 64877 42500 81125 47646 79398 77705 904 6 00000(s)]0805z Weak QRN3 QSB3	Spectre	TUE
0800z	10/04[352 904 6 64877 42500 81125 47646 79398 77705 904 6 00000(s)] 0805z Fair QRN3 QSB3	Spectre	TUE
0800z	17/04[352....]very weak	M8	TUE
0800z	24/04[352 948 6 48705 43951 66535 50746 43485 75058 948 6 00000]0805z S2	M8	TUE
11830kHz0840z	11/04[745 218 6 82424 88878 19755 43455 64174 14553 218 6 00000]0845 S1 QRM	M8	WED
0840z	18/04[745 298 6 94289 15244 21541 56567 48850 68867 298 6 00000(s)]0845z Weak QRN4 QSB4	Spectre	WED
0840z	25/04[745 298 6 94289 15244 21541 56567 48850 68867 298 6 00000(s)]0845z Fair QRN3 QSB4	Spectre, M8	WED
12140kHz0930z	06/04[516 840 7 91009 87653 46372 98987 67335 23568 12453 840 7 00000(s)]0936z Fair QRN3 QSB3	Spectre, FR	FRI
0930z	13/04[516 840 7 91009 87653 46372 98987 67335 23568 12453 840 7 00000(s)]0936z Fair QRN3 QSB3	Spectre	FRI
0930z	20/04[516 439 7 14225 97567 66668 79045 15229 11050 58821 439 7 00000(s)]0936z Fair QRN4 QSB3	Spectre	FRI
0930z	27/04[516 439 7 14225 97567 66668 79045 15229 11050 58821 439 7 00000(s)]0936z Fair QRN3 QSB3	Spectre	FRI
12170kHz0540z	04/04[153 894 6 68745 89734 27142 ... 45474 894 6 00000(s)] 0545z Weak QRN3 QSB4	Spectre	WED
0540z	11/04[153 894 6 68745 89734 27142 ... 45474 894 6 00000(s)] 0545z Weak QRN3 QSB4	Spectre	WED
12355kHz0610z	03/04[438 926 5 44844 09487 34191 82442 54147 926 5 00000(s)] 0615z Fair QRN3 QSB2	Spectre	TUE
0610z	10/04[438 926 5 44844 09487 34191 82442 54147 926 5 00000(s)] 0615z Fair QRN3 QSB3	Spectre	TUE
0610z	20/04[438 207 5 61383 91347 57762 78822 51925 207 5 00000(s)] 0615z Fair QRN3 QSB3	Spectre	TUE
0610z	24/04[438 207 5 61383 91347 57762 78822 51925 207 5 00000(s)] 0615z Weak QRN3 QSB3	Spectre	TUE
12952kHz0900z	05/04[167 982 5 52411 73642 24015 84486 10351 982 5 00000(s)] 0905z Fair QRN4 QSB2	Spectre	THU
0900z	12/04[167 982 5 52411 73642 24015 84486 10351 982 5 00000(s)] 0905z Fair QRN2 QSB2	Spectre	THU
0900z	19/04[167 243 5 52319 09243 09100 89403 78717 243 5 00000(s)] 0905z Strong QRN2 QSB2	Spectre, M8	THU
0900z	26/04[167 243 5 52319 09243 09100 89403 78717 243 5 00000(s)] 0905z Fair QRN2 QSB2	Spectre, M8	THU
13365kHz1000z	04/04[729 418 5 72229 91489 77614 84292 00478 418 5 00000(s)] 1005z Fair QRN2 QSB2	Spectre	WED
1000z	11/04[729 418 5 72229 91489 77614 84292 00478 418 5 00000(s)] 1005z Fair QRN2 QSB2	Spectre, M8	WED
1000z	18/04[729 463 5 76043 39221 89067 65547 11043 463 5 00000(s)] 1005z Weak QRN3 QSB3	Spectre	WED
1000z	25/04[729 463 5 76043 39221 89067 65547 11043 463 5 00000(s)] 1005z Weak QRN3 QSB3	Spectre	WED
13515kHz0940z	06/04[516 840 7 91009 87653 46372 98987 67335 23568 12453 840 7 00000(s)] 0946z Fair QRN3 QSB3	Spectre	FRI
0940z	13/04[516 840 7 91009 87653 46372 98987 67335 23568 12453 840 7 00000(s)] 0946z Fair QRN3 QSB3	Spectre	FRI
0940z	20/04[516 439 7 14225 97567 66668 79045 15229 11050 58821 439 7 00000(s)] 0946z Fair QRN3 QSB3	Spectre	FRI
0940z	27/04[516 439 7 14225 97567 66668 79045 15229 11050 58821 439 7 00000(s)] 0946z Fair QRN3 QSB3	Spectre	FRI
13565kHz0910z	05/04[167 982 5 52411 73642 24015 84486 10351 982 5 00000(s)] 0915z Fair QRN4 QSB2	Spectre, B2	THU
0910z	12/04[167 982 5 52411 73642 24015 84486 10351 982 5 00000(s)] 0915z Fair QRN2 QSB2	Spectre	THU
0910z	19/04[167 243 5 52319 09243 09100 89403 78717 243 5 00000(s)] 0915z Strong QRN2 QSB2	Spectre,M8	THU
0910z	26/04[167 243 5 52319 09243 09100 89403 78717 243 5 00000(s)] 0915z Fair QRN2 QSB2	Spectre, M8	THU
14080kHz0600z	03/04[438 926 5 44844 09487 34191 82442 54147 926 5 00000(s)] 0605z Fair QRN3 QSB2	Spectre	TUE
0600z	10/04[438 926 5 44844 09487 34191 82442 54147 926 5 00000(s)] 0605z Fair QRN2 QSB3	Spectre	TUE
0600z	17/04[438 207 5 61383 91347 57762 78822 51925 207 5 00000(s)] 0605z Fair QRN3 QSB3	Spectre	TUE
0600z	24/04[438 207 5 61383 91347 57762 78822 51925 207 5 00000(s)] 0605z Weak QRN3 QSB3	Spectre	TUE
14505kHz1010z	04/04[729 418 5 72229 91489 77614 84292 00478 418 5 00000(s)] 1015z Fair QRN2 QSB2	Spectre	WED
1010z	11/04[729 418 5 72229 91489 77614 84292 00478 418 5 00000(s)] 1015z Fair QRN2 QSB2	Spectre, M8	WED
1010z	18/04[729 463 5 76043 39221 89067 65547 11043 463 5 00000(s)] 1015z Weak QRN3 QSB3	Spectre	WED
1010z	25/04[729 463 5 76043 39221 89067 65547 11043 463 5 00000(s)] 1015z Fair CARRIERQRM3 QSB3	Spectre, M8	WED

S11a[III]

Two charts plot the frequency of null traffic per month/ per year as well as actual messages sent [Thanks Spectre]



S11a log March/April:

5815kHz	1020z	04/04 [221/00] Fair	RNGB	WED
7317khz	0915z	02/03 [484/00]	RNGB	FRI
	0915z	06/03 [482/36 32937 08805 28932 62461 14775.....23246]	RNGB	TUE
	0915z	09/03 [482/36 32937 etc] repeat of Tuesday	RNGB	FRI
	0915z	13/03 [484/00] strong	DLBB	TUE
	0915z	24/04 [484/00] Konec 0918z Very Weak	Malc	TUE

9960kHz	1020z	02/03 [426/00] 1023z Fair	Hans	FRI
	1020z	13/03 [426/00] Konec 1023z	Malc, DLBB	TUE
	1020z	16/03 [426/00] Strong signal, moderate noise	Fox	FRI
	1020z	20/03 [426/00] 1023z Weak QRN2 QSB2	Spectre	TUE
	1020z	23/03 [426/00] Good	RNGB	FRI
	1020z	06/04 [427/31 39907 86795 02463 40761 33052.....12775]	RNGB	FRI
	1020z	17/04 [426/00]	RNGB	TUE
16112kHz	1015z	05/03 [475/00]	RNGB	MON
	1015z	08/03 [475/00] 1018z Fair QRN3 QSB2	Spectre	THU
	1015z	12/03 [475/00] 1018z Weak QRN2 QSB3	Spectre	MON
	1015z	22/03 [475/00] 1018z Strong QRN3 QSB2	Spectre	THU
	1015z	09/04 [475/00]	RNGB	MON
	1015z	12/04 [475/00] Konec 1018z S7	Malc	THU
	1015z	16/04 [475/00] 1018z Fair QRN2 QSB3	Spectre	MON
	1015z	19/04 [475/00]	RNGB	THU
	1015z	23/04 [475/00]	Malc	MON
	1015z	26/04 [475/00]	Malc	THU
	1015z	30/04 [475/00] Konec 1018z S3	Malc, Spectre	MON

S21 [XIV]
March 2012:

4454kHz	1842z	08/03[454 649 34.....00000]1854z S9	M8, GD, HJH	THU
	1842z	13/03[454 642 34 75064 75064...000] very strong	DLBB	TUE
	1842z	15/03[454 642 34 75064 ... 15856 642 34 000] 1854z Weak QRN3 QSB4	Spectre, FR	THU
	1842z	20/03[454 642 34 75064 ... 15856 642 34 000] 1854z Weak QRN3 QSB3	Spectre	TUE
	1842z	27/03[454 454.....34.....00000]1854z S3 QRM	M8	TUE
	1842z	29/03[454 642 34 75064 ... 15856 642 34 000] 1854z Weak QRN4 QSB3	Spectre	THU

S21 4454kHz 1842z 15/20/29/03 Transcript:

454 642 34
75064 83781 53509 50211 66231 18524 83558 67044 95236 97909
56029 29863 62830 67459 65631 27289 88635 65101 96284 47055
77385 33611 03894 19979 83848 96059 22529 01964 36194 04081
02831 00597 33230 15856
642 34 000

Courtesy of Spectre

4854kHz	1842z	06/03[454.....]	HJH	TUE
	1842z	13/03[454 454 454... 8381?... 5350 2021. 20211 9923 992... 883.. 883... 101.. 101..43088 43088... 03849 03849 22922 01954 01954.. 09831 09831... 00 33230 33230 8282 8282... 749 749 34 34 000] WEAK QRN3 QSB3 000] OM 1845z	AIK	TUE
	1842z	15/03[454 642 34 repeat from past two weeks] Medium/strong signal	FR	THU
	1842z	27/03[454 454.....34.....00000]1854z MS Windows "closing down" sound S3 QRM	M8	TUE

April 2012:

4454kHz	1842z	03/04[454 173 37 85922 ... 51556 173 37 000] 1853z Weak QRN4 QSB3	Spectre	TUE
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S21 4454kHz 1842z 03/04 Transcript:

454 173 37
85922 51556 36612 11709 81690 42115 14577 97508 28750 57881
46878 23340 13034 81315 69852 65722 64176 06157 01447 04921
79923 69316 80572 45667 28065 78891 64233 35917 14145 84187
33063 85193 49541 44790 37701 91613 89218 173 37 000

Courtesy Spectre

4454kHz	1842z	24/04[454 173 37 85922 51556 ... 89218 173 37 000] 1855z Fair QSB2	Hans	TUE
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4854kHz	1842z	05/04[454 173 37 85922 ... 89218 000] Strong signal, moderate noise, occasional fading	FR	THU
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454 173 37
85922 51557 36612 11709 84690
42115 14577 97508 28750 57881
46878 23340 13034 81315 69852
65722 64176 06157 01447 04921
79923 69316 80572 45667 28065
18891 64233 35917 14145 84187
33063 86197 49541 44790 37701
91613 89218 173 37 000

Courtesy FR

S28

From Ary:

kHz/z

4625 0829 19-04-2012 (AB-EST) S28 USB MDZhB 06 492 BARASh 42 86 01 31

4625 0834 19-04-2012 (AB-EST) S28 USB MDZhB 92 171 Barvena 74 92 76 94

4625 0927 19-04-2012 (AB-EST) S28 USB MDZhB 04 097 GARDINOL 14 64 97 04

4627 0936 19-04-2012 (AB-EST) S28 USB MDZhB 15 242 KARBORATSIYa 29 04 38 17

4625 1022 19-04-2012 (AB-EST) S28 USB MDZhB 83 160 KARBITKA 37 99 98 13

4625 1044 19-04-2012 (AB-EST) S28 USB MDZhB 49 565 KARBAKTOKS 50 49 53 83

V02a [XVIII]

PoSW's Cuban logs:

4-Mar-12, Sunday:- 0800 UTC, 5,898 kHz, "Atencion, 44221 04031 41161".

5-Mar-12, Monday:- 0700 UTC, 5,883 kHz, "Atencion, 62781 70181 43881".

6-Mar-12, Tuesday:- 0700 UTC, 5,883 kHz, "Atencion, 50272 84332 67122".

10-Mar-12, Saturday:- 0700 UTC, 5,883 kHz, "Atencion, 57662 08051 72841", signal much weaker than usual, S5 at best, perhaps the start of the seasonal decline as the hours of daylight increase.

0800 UTC, 5,898 kHz, "57662 08051 72841", as earlier, weak signal.

11-Mar-12, Sunday:- 0800 UTC, 5,898 kHz, "Atencion, 10512 88501 73222", weak.

12-Mar-12, Monday:- 0700 UTC, 5,883 kHz, "Atencion" call-up, weak signal, difficult copy, "61241 46122 66401" - perhaps, or maybe not!

15-Mar-12, Thursday:- 0700 UTC, 5,883 kHz, a bit stronger this morning, S7 to S8, "Atencion, 16201 68431 88711".

18-Mar-12, Saturday:- 0800 UTC, 5,898 kHz, "Atencion, 33282 50761 16811", S7 so not too bad.

20-Mar-12, Tuesday:- 0700 UTC, 5,883 kHz, "Atencion, 84782 11361 31641". S9, strongest signal for a couple of weeks.

22-Mar-12, Thursday:- 0700 UTC, 5,883 kHz, started exactly on the hour, "Atencion, 02661 52111 08342", and peaking over S9.

23-Mar-12, Friday:- 0700 UTC, 5,883 kHz. "Atencion, 02251 28411 70621", S7 to S8.

24-Mar-12, Saturday:- 0800 UTC, 5,898 kHz, "Atencion, 64431 63252 67872", weak signal, difficult copy.

25-Mar-12, Sunday:- 0700 UTC, summertime now started and the Señorita from Havana stays on UTC so now appears one hour later clock time, 8 am . 5,883 kHz, carrier only, no voice heard, carrier went off just before 0704z then came back with voice, into 5f groups without "Atencion" call-up routine.

31-Mar-12, Saturday:- 0700 UTC, 5,800 kHz - the wrong frequency. "Atencion, 62862 07452 76372". Strength S7, audio seemed to be low in relation to the carrier, difficult copy. Had moved to the correct frequency, 5,883 kHz, when checked again 0725z.

1-Apr-12, Sunday:- 0700 UTC, 5,883 kHz, "Atencion, 77741 23302 60442", stronger than of late, peaking over S9.
0800 UTC, 5,898 kHz, "77741 23302 60442", as earlier, S7 with deep QSB.

7-Apr-12, Saturday:- 0700 UTC, 5,883 kHz, "Atencion, 34562 36181 71752". S8 to S9.

8-Apr-12, Sunday:- 0700 UTC, 5,883 kHz, "Atencion, 25721 76212 86582".

14-Apr-12, Saturday:- 0700 UTC, 5,883 kHz, "Atencion, 37081 70321 72562", S8 to S9 with QSB. Not too bad a signal.

15-Apr-12, Sunday:- 0700 UTC, 5,883 kHz, "Atencion, 81121 84022 15302". Wide variations in signal strength, S6 to S9.
0800 UTC, 5,898 kHz, "81121 84022 15302" again, S6 at best.

Now onto others' logs:

March 2012:

4035kHz0400z	05/03[IP/MC A xxxxx 12312 84702]	J	FRI
0400z	12/03[A 61111 02842 05561] (GlobalTuners-Vero Beach, FL)	MS	MON
5417kHz0200z	16/03[A 15311 15712 56521 (GlobalTuners-San Antonio#4)]	MS	FRI

5762kHz0200z	03/03 A (The signal was too garbled for copy) (GlobalTuners-San Antonio#4)	MS	SAT
0200z	10/03[A 25332 22052 23451] (GlobalTuners-Vero Beach, FL)	MS	SAT
0200z	16/03[77041 57242 i/p] QSA3 QRN2	KC5	FRI
0200z	17/03[A70861 77041 57242 (GlobalTuners-Lexington, KY#2)]	MS	SAT
0200z	31/03[A62351 00302 15661 (GlobalTuners-San Antonio, TX#4)]	MS	SAT
5883kHz0700z	01/03[A43561 22551 68601 LG87750 Finalé(R3)] 0742z Strong	(42m00s) PLdn, E	THU
0700z	02/03 See M08a		
0700z	03/03[A41361 71351 04272 LG34365 Finalé(R3)] 0742z Weak at start, fair by end	(42m02s) DanAr,PLdn	SAT
0700z	04/03[A44221 403141161 LG50356 Finalé(R3)] 0742z Fair	(42m01s) DanAr,PLdn	SUN
0700z	05/03[A62781 70181 43881 LG31118 Finalé(R3)] 0742z Poor, QRM3/4	(41m46s) PLdn	MON
0700z	06/03[A50272 84322 67122 LG48773 Finalé(R3)]0742z Fair	(42m01s) DanAr,PLdn	TUE
0700z	08/03[A10022 16522 36801 LG65875 Finalé(R3)] 0742z Fair	(42m07s) PLdn	THU
0700z	09/03[A 31011 31411 55861] (GlobalTuners-San Antonio#4)	MS	FRI
0700z	10/03[A57662 08051 72541 LGn0037 Finalé] Weak, QRN4, poor copy unsure of values	PLdn	SAT
0700z	11/03[A10512 88501 73222 LG07016 Finalé(R2)] 0742z Fair, QRN2	(42m02s) PLdn	SUN
0700z	12/03[A61241 46122 66401 LG10862 Finalé(R3)] 0742z Fair	PLdn	MON
0700z	13/03[A23072 00441 80182 LG37217Finalé(R3)] 0742z Fair	(42m01s) PLdn	TUE
0700z	15/03[A16201 68431 88711 LG65187 Finalé(R3)] 0742z Strong	(42m02s) PLdn, GD	THU
0700z	16/03[A13202 31311 03202 LG53034 Finalé(R3)] 0742z weak, QRN3	(42m03s) PLdn	FRI
0700z	17/03[A15882 74851 38632 LG37220 Finalé(R3)] 0742z	(42m02s) PLdn	SAT
0700z	18/03[A23282 50761 16811 LG nnnnn Finalé(R3)] 0742z Weak	(42m08s) PLdn	SUN
0700z	19/03[A43621 70201 42501] Very weak, unsure of header, QRN2 QSB2	PLdn	MON
0700z	20/03[A84782 11361 31641] Started fair, weak by end	PLdn, E	TUE
0700z	22/03[A02661 52111 08342 LG62384 Finalé(R3)] 0742z Strong	(42m00) PLdn, E	THU
0700z	23/03[A02251 28411 70621 LGnnn62 Finalé(R3)]0742z Fair to poor	(42m01s) PLdn, E	FRI
0700z	24/03[A64431 63252 67872 LG40503 Finalé(R3)] 0742z Weak	(42m01s) PLdn	SAT
0700z	25/03 Weak, QRM3/4	PLdn	SUN
0700z	26/03 Weak, QRM3/4	PLdn	MON
0700z	27/03[A42511 20651 83551 LG(50812) Finalé(R3)] 0742z Weak, QRM2 unsure of LG	(42m01s) PLdn	TUE
0700z	29/03[A81121 31551 51041] Fair	PLdn, GD	THU
0700z	30/03 Started as M08a to 0708z then into V02a msg. Very weak	PLdn	FRI
5898kHz0800z	01/03[A43561 22551 68601 LGnn454 Finalé(R3)] 0842z Fait to weack by end.	(41m58s) PLdn	THU
0800z	02/03 See M08a		
0800z	03/03[A41361 71351 04272 LG56100 Finalé(R3)] 0842z Fair, LOS into start, 30s late	(41m47s) PLdn	SAT
0800z	04/03[A44221 04031 41161 LG84506 Finalé(R3)] 0842z Fair, QRM3	(41m41s) PLdn	SUN
0800z	05/03[A62781 70181 43881 LG31118] Fair, QRM3/4 at end	MS, PLdn	MON
0800z	06/03[A50272 84322 67122 LG28278 Finalé(R3)]0842z Fair, QRM2	(42m01s) PLdn	TUE
0800z	08/03[A10022 16522 36801 LG65875] Weak signal, QRN3, QSB5 towards end.	PLdn	THU
0800z	09/03[A 31011 31411 55861] (GlobalTuners-San Antonio#4)	MS	FRI
0800z	10/03[A 57662 08051 72841 (GlobalTuners-Lexington, KY#2)	MS, PLdn	SAT
0800z	11/03[A10512 88501 73222] Fair to start then QRN3/4 rest not heard	PLdn	SUN
0800z	12/03[A61241 46122 66401] Weak, QRN3 QSB3	PLdn	MON
0800z	13/03[A23072 00441 80182] Weak, ending not audible	PLdn	TUE
0800z	15/03[A16201 68431 88711] Weak QRN3	MS, PLdn	THU
0800z	16/03[A13202 31311 03202] Weak, QRM2	PLdn	FRI
0800z	17/03[A15882 74851 38632] QRN3/4 End not heard	PLdn	SAT
0800z	18/03[A23282 50761 16811] Weak, rest unreadable	PLdn	SUN
0820z	19/03 Started late, very weak	PLdn	MON
0800z	20/03[A84782 11361 31641] Weak	PLdn	TUE
0800z	22/03[A02661 52111 08342] Weak, QRM3	PLdn	THU
0800z	23/03[A02251 28411 70621] Weak and noisy, QRN3	PLdn	FRI
0800z	24/03[A64431 63252 67872] Weak, QRM4 towards end.	PLdn	SAT
0800z	25/03 Weak, QRM3/4	PLdn	SUN
0800z	26/03 Weak, QRM3/4	PLdn	MON
0805z	27/03 Started late, very weak, just audible	PLdn	TUE
0800z	29/03[A81121 31551 51041] Very weak, into QSB5	PLdn	THU
0800z	30/03 Very weak, odd character only	PLdn	FRI
6768kHz0100z	17/03[A 70861 77041 57242 (GlobalTuners-Lexington, KY#2)]	MS	SAT
0400z	19/03[A 62281 07762 13121 (GlobalTuners-San Antonio,TX#4)]	MS	MON
0100z	24/03[A86041 66616 93581] QRN	RR	SAT
0100z	31/03[A62351 00302 15661 (GlobalTuners-San Antonio, TX#4)]	MS	SAT
6785kHz1923z	08/03[A 24851 (Stn up late and IP. This should be a M08a sked.) (GlobalTuners-Vero Beach, FL)]	MS	THU
6855kHz0300z	19/03[A 62281 07762 13121 (GlobalTuners-Lexington,KY#2)]	MS	MON
9240kHz1000z	07/03[A55622 65721 20571 LG 53182]	DanAr	WED
1000z	14/03[A85402 60041 85402 (GlobalTuners-San Antonio#4)]	MS, KC5	WED
12180kHz1900z	20/03 (Signal too weak for copy.) (GlobalTuners-Lexington, KY#2)	MS	TUE
13380kHz2000z	20/03[A04601 42851 83061] (GlobalTuners-Lexington, KY#2)	MS	TUE
2000z	29/03[A 83732 87632 12172 (GlobalTuners-Vero Beach, FL)]	MS	THU

V02a continued
April 2012:

4028kHz0126z	06/04[A 58161 (Stn came up late at 0126z and IP) (GlobalTuners-Vero Beach, FL)]	MS	FRI
5117kHz0400z	02/04[A 63742 45052 65332 (GlobalTuners-Lexington, KY#2)]	MS	MON
0400z	09/04[A 68072 (GlobalTuners-Lexington, KY#2)]	MS	MON
5417kHz0206z	06/04[A 43702 58161 (I came in late at 0206z and missed callup) (GlobalTuners-Vero Beach, FL)]	MS	FRI
5762kHz0200z	07/04[A10281 37282 31812 (GlobalTuners-Lexington, KY#2)]	MS	SAT
5800kHz0300z	02/04[A 76801 (Came in late and missed first and third callup) (GlobalTuners-Lexington, KY#2)]	MS	MON
0325z	09/04 (Came in late. Stn IP) (GlobalTuners-Lexington, KY#2)	MS	MON
5883kHz0700z	01/04[A77741 23302 60442] 0742z Fair, ending under QRM3	PLdn	SUN
0700z	02/04[A04371 73261 62822 LG57300(FinaléR3)] 0742z Fair, QRM2 at end	(42m01s) PLdn	MON
0700z	03/04 Too noisy for copy, odd character only	PLdn	TUE
0700z	05/04[A38171 58631 53352] Weak & noisy	PLdn	THU
0704z	06/04 Weak and noisy, characters heard towards end	PLdn	FRI
0700z	07/04[A34562 36181 71752 LG nnnnn Finalé(R3)]0742z Fair, QSB3/4 towards end	(41m55s) DanAr, PLdn	SAT
0700z	08/04 Weak and noisy, odd characters only	PLdn	SUN
0700z	09/04[22671 06631 48862 LG 53861] Msg started few minutes late without attention	DanAR	MON
0700z	10/04[A87122 81162 11472 LG 28186]Weak	DanAr , PLdn	TUE
0700z	12/04[A14782 10541 66671] Weak readable with QRM3 towards end	PLdn	THU
0700z	13/04[A83622 11631 10371 LG58107 Finalé(R3)] 0742z Fair	(42m02s) PLdn	FRI
0700z	14/04[A37081 70321 72562] Weak and noisy	PLdn	SAT
0700z	15/04[A81021 84026 15302] Weak and noisy	PLdn	SUN
0700z	16/04[A72751 31761 03661] Fair and noisy, QRM4/5 obviates ending	PLdn	MON
0700z	17/04[A86762 28122 65252] Weak and noisy	PLdn	TUE
0700z	19/04[Annnn l nnnnn nnnnn] Weak and noisy	PLdn	THU
0700z	20/04[A87502 nnnnn nnnnn] Weak, PlasmaQRM2, QSB3	PLdn	FRI
0700z	21/04[A0572 08nnn nnn22]Weak	PLdn	SAT
0700z	22/04[A27262 44682 40022] Fair to start, end obviated by QRM4	PLdn	SUN
0700z	23/04[A58771 11121 36322] Fair, QRN3. Signal under noise by end.	PLdn	MON
0700z	24/04[A65062 28441 23172] Poor condx, end obviated by QRN3	PLdn	TUE
0700z	26/04 Signal just audible under noise.	PLdn	THU
0700z	27/04 Signal just audible under noise.	PLdn	FRI
Since this date propagation has not been favourable for V02a at 0700z to Britain at this time but freq intercepted daily			
0700z	29/04 Odd characters only, QRN3/4	PLdn	SUN
0700z	30/04 Odd characters only, QRN3/4	PLdn	MON
5898kHz0800z	01/04[A77741 23302 60442] Very weak and noisy	PLdn	SUN
0800z	02/04[62822] Very noisy, weak	PLdn	MON
0800z	03/04 Too noisy for copy, odd character only	PLdn	TUE
0800z	05/04 Odd characters audible above noise.	PLdn	THU
0800z	06/04[A02552 77162 61781 LGnnnnn Finalé(R3)] 0842z Fair and noisy	(42m02s) PLdn	FRI
0805z	07/04 Started late into msg, QRM4 obviated ending	PLdn	SAT
0800z	08/04 Weak and noisy, odd characters only	PLdn	SUN
0800z	09/04[A22611 06631 48682] Weak and noisy	PLdn	MON
0800z	10/04[A87122 81162 11452] Weak, QSB2	PLdn	TUE
0800z	12/04 Carrier only QRM3	PLdn	THU
0800z	13/04[A83622 11631 10371 LG58107] Weak, QRM4 to end.	PLdn	FRI
0800z	14/04 carrier only?	PLdn	SAT
0800z	15/04 Very weak and noisy, figs present but unreadable	PLdn	SUN
0800z	16/04 NRH, obviated by QRM4/5	PLdn	MON
0800z	17/04 NRH, obviated by QRM5	PLdn	TUE
0800z	19/04 Weak carrier detected	PLdn	THU
0800z	20/04 Weak carrier detected	PLdn	FRI
Since this date propagation has not been favourable for V02a at 0800z to Britain at this time but freq intercepted daily			
6768kHz0400z	02/04[A (Came in late and missed all callups) (GlobalTuners-Lexington, KY#2)]	MS	MON
0100z	07/04[A 10281 37282 31812 (GlobalTuners-Vero Beach, FL)]	MS	SAT
0400z	09/04[A22082 87622 17102 (GlobalTuners-Lexington, KY#2)]	MS	MON
0100z	14/04[A18771 18272 33632 (GlobalTuners-Lexington, KY#2)]	MS	SAT
6785kHz1900z	03/04[A (Xmsn garbled too badly for copy) (GlobalTuners-Vero Beach, FL)]	MS	TUE
6855kHz0400z	02/04[A 63742 45052 65332(GlobalTuners-Lexington, KY#2)]	MS	MON
0326z	09/04(Came in late. Stn IP) (GlobalTuners-Lexington, KY#2)	MS	MON
7554kHz2025z	12/04 [in progress] Very weak, odd character only	KC5	THU
9240kHz1000z	25/04[A03621 60071 75432 LG ????] unable to copy LG due to weak signal	DanAr	WED

12180kHz1925z	03/04[Stn changed from M08a to V02a here. Xmsn already i/p. No calls) (GlobalTuners-Lexington, KY#2)]	MS	TUE
1908z	17/04[A 04111 14651 (GlobalTuners-Vero Beach, FL)]	MS	TUE
1900z	19/04[A18202 32212 27841 (GlobalTuners-Vero Beach, FL)]	MS	THU
13380kHz2000z	03/04[43471 06802 64062] QRM4	KC5	TUE
2000z	05/04[A26141 01051 21431 (GlobalTuners-Lexington, KY#2)]	MS	THU
2000z	17/04[A74451 63861 45651 (GlobalTuners-Vero Beach, FL)]	MS	TUE
2000z	19/04[A18202 32212 27841 (GlobalTuners-Vero Beach, FL)]	MS	THU

V21

Date order:

6529kHz1300z	29/02 Very weak OM singing numbers. Haven't heard him on this freq for quite a while.	westt1us	WED
6529kHz1300z	01/03 Very weak	westt1us	THU
5637kHz1300z	02/03 Very weak OM singing numbers	westt1us	FRI

Polytones:

XPA2

March 2012:

Sun/Tue

16138kHz1500z	04/03[09615 00001 00000 10140] Fair	(2m11s)	PLdn	SUN
14438kHz1520z	04/03[09615 00001 00000 10140] Fair	(2m11s)	PLdn	SUN
13438kHz1540z	04/03[09615 00001 00000 10140] Weak	(2m11s)	PLdn	SUN
16138kHz1500z	06/03[02764 00001 00000 10140] Fair	(2m11s)	PLdn	TUE
14438kHz1520z	06/03[02764 00001 00000 10140] Strong	(2m11s)	PLdn	TUE
13438kHz1540z	06/03[02764 00001 00000 10140] Fair	(2m11s)	PLdn	TUE
16138kHz1500z	11/03[00234 00055 66013 33036] Strong	(2m54s)	PLdn	SUN
14438kHz1520z	11/03[00234 00055 66013 33036] Fair	(2m54s)	PLdn	SUN
13438kHz1540z	11/03[00234 00055 66013 33036] Very strong	(2m54s)	PLdn	SUN
16138kHz1500z	13/03[00234 00055 66013 33036] Fair, QSB	(2m54s)	PLdn	TUE
14438kHz1520z	13/03[00234 00055 66013 33036] Fair	(2m54s)	PLdn	TUE
13438kHz1540z	13/03[00234 00055 66013 33036] Fair	(2m54s)	PLdn	TUE
16138kHz1500z	18/03[007529 00001 00000 10140] Strong	(2m11s)	AIK,PLdn	SUN
14438kHz1520z	18/03[007529 00001 00000 10140] Strong	(2m11s)	AIK,PLdn	SUN
13438kHz1540z	18/03[007529 00001 00000 10140] Strong	(2m11s)	AIK,PLdn	SUN
16138kHz1500z	20/03[07314 00001 00000 10140] Very strong	(2m11s)	AIK	TUE
14438kHz1520z	20/03[07314 00001 00000 10140] Very strong	(2m11s)	AIK	TUE
13438kHz1540z	20/03[07314 00001 00000 10140] Very strong	(2m11s)	AIK	TUE
16138kHz1500z	25/03[00483 00079 45637 56515] Very strong	(3m12s)	PLdn	SUN
14438kHz1520z	25/03[00483 00079 45637 56515] Very strong	(3m12s)	PLdn	SUN
13438kHz1540z	25/03[00483 00079 45637 56515] Very strong	(3m12s)	PLdn	SUN
16138kHz1500z	27/03[00483 00079 45637 56515] Very strong	(3m12s)	PLdn	TUE
14438kHz1520z	27/03[00483 00079 45637 56515] Very strong	(3m12s)	PLdn	TUE
13438kHz1540z	27/03[00483 00079 45637 56515] Very strong	(3m12s)	PLdn	TUE

Tue/Thu

5892kHz2030z	01/03	NRH	PLdn	THU
5239kHz2050z	01/03	NRH	PLdn	THU
4639kHz2110z	01/03	NRH	PLdn	THU
5892kHz2030z	06/03	NRH	PLdn	TUE
5239kHz2050z	06/03	NRH	PLdn	TUE
4639kHz2110z	06/03	NRH	PLdn	TUE
5892kHz2030z	08/03	NRH	PLdn	THU
5239kHz2050z	08/03	NRH	PLdn	THU
4639kHz2110z	08/03	NRH	PLdn	THU

Searches made 3500 to 8500kHz; no copy.

Fri/Sat

18667kHz1400z	02/03[04126 00001 00000 10140]	(2m11s)	BR	FRI
17419kHz1420z	02/03[04126 00001 00000 10140]	(2m11s)	BR	FRI
16212kHz1440z	02/03[04126 00001 00000 10140]	(2m11s)	BR	FRI
18667kHz1400z	03/03[03134 00001 00000 10140] Strong	(2m11s)	PLdn	SAT
17419kHz1420z	03/03[03134 00001 00000 10140] Strong	(2m11s)	PLdn	SAT
16212kHz1440z	03/03[03134 00001 00000 10140] Fair	(2m11s)	PLdn	SAT
18667kHz1400z	09/03 NRH		PLdn	FRI
17419kHz1420z	09/03 NRH		PLdn	FRI
16212kHz1440z	09/03 NRH		PLdn	FRI
	<i>CME occurrence</i>			
18667kHz1400z	10/03[00606 00121 13084 25002]Strong	(3m43s)	PLdn, BR	SAT
17419kHz1420z	10/03[00606 00121 13084 25002]Fair	(3m43s)	PLdn, BR	SAT
16212kHz1440z	10/03[00606 00121 13084 25002]Fair	(3m43s)	PLdn, BR	SAT
18667kHz1400z	16/03[09212 00001 00000 10140] Strong	(2m11s)	AIK	FRI
17419kHz1420z	16/03[09212 00001 00000 10140] Strong	(2m11s)	AIK	FRI
16212kHz1440z	16/03[09212 00001 00000 10140] Strong	(2m11s)	AIK	FRI
18667kHz1400z	17/03[08765 00001 00000 10140] Weak	(2m11s)	AIK, PLdn	SAT
17419kHz1420z	17/03[08765 00001 00000 10140] Weak	(2m11s)	AIK, PLdn	SAT
16212kHz1440z	17/03[08765 00001 00000 10140] Strong	(2m11s)	AIK, PLdn	SAT
18667kHz1400z	23/03[00619 00083 12087 63272] Very strong	(3m15s)	PLdn	FRI
17419kHz1420z	23/03[00619 00083 12087 63272] Very strong	(3m15s)	PLdn	FRI
16212kHz1440z	23/03[00619 00083 12087 63272] Strong	(3m15s)	PLdn	FRI
18667kHz1400z	24/03[00619 00083 12087 63272] Strong	(3m15s)	PLdn	SAT
17419kHz1420z	24/03[00619 00083 12087 63272] Strong	(3m15s)	PLdn	SAT
16212kHz1440z	24/03[00619 00083 12087 63272] Strong	(3m15s)	PLdn	SAT
18667kHz1400z	30/03[08765 00001 00000 10140] Strong	(2m11s)	BR	FRI
17419kHz1420z	30/03[08765 00001 00000 10140] Strong	(2m11s)	BR	FRI
16212kHz1440z	30/03[08765 00001 00000 10140] Strong	(2m11s)	BR	FRI
18667kHz1400z	31/03[08765 00001 00000 10140] Strong	(2m11s)	BR	SAT
17419kHz1420z	31/03[08765 00001 00000 10140] Strong	(2m11s)	BR	SAT
16212kHz1440z	31/03[08765 00001 00000 10140] Strong	(2m11s)	BR	SAT

April 2012:

Sun/Tue

14538kHz1800z	03/04[03962 00001 00000 10140]		RNGB	TUE
13538kHz1820z	03/04[03962 00001 00000 10140]		RNGB	TUE
12138kHz1840z	03/04[03962 00001 00000 10140]		RNGB	TUE
14538kHz1800z	08/04[00587 00061 19728 72525] Very strong	(2m57s)	PLdn	SUN
13538kHz1820z	08/04[00587 00061 19728 72525] Very strong	(2m57s)	PLdn	SUN
12138kHz1840z	08/04[00587 00061 19728 72525] Very strong	(2m57s)	PLdn	SUN
14538kHz1800z	10/04[00587 00061 19728 72525] Very strong	(2m57s)	PLdn	TUE
13538kHz1820z	10/04[00587 00061 19728 72525] Strong	(2m57s)	PLdn	TUE
12138kHz1840z	10/04[00587 00061 19728 72525] Strong, HETQRM2	(2m57s)	PLdn	TUE
14538kHz1800z	15/04[03962 00001 00000 10140] Very strong	(2m11s)	PLdn	SUN
13538kHz1820z	15/04[03962 00001 00000 10140] Very strong	(2m11s)	PLdn	SUN
12138kHz1840z	15/04[03962 00001 00000 10140] Fair, HETQRM3	(2m11s)	PLdn	SUN
14538kHz1800z	17/04[09472 00001 00000 10140] Very strong	(2m11s)	PLdn	TUE
13538kHz1820z	17/04[09472 00001 00000 10140] Strong, QRM2	(2m11s)	PLdn	TUE
12138kHz1840z	17/04[09472 00001 00000 10140] Very strong	(2m11s)	PLdn	TUE
14538kHz1800z	22/04[00317 00083 34160 56235] Fair, QRM2	(3m14s)	PLdn	SUN
13538kHz1820z	22/04[00317 00083 34160 56235] Weak, QRM2	(3m14s)	PLdn	SUN
12138kHz1840z	22/04[00317 00083 34160 56235] Strong	(3m14s)	PLdn	SUN
14538kHz1800z	24/04 No decode, Weak, QRM2	(3m14s)	PLdn	TUE
13538kHz1820z	24/04 No decode, Weak, QRM2	(3m14s)	PLdn	TUE
12138kHz1840z	24/04 No decode, Weak, QRM2	(3m14s)	PLdn	TUE
14538kHz1800z	29/04[00892 00075 42447 02173] Very strong	(3m08s)	PLdn	SUN
13538kHz1820z	29/04[00892 00075 42447 02173] Very strong	(3m08s)	PLdn	SUN
12138kHz1840z	29/04[00892 00075 42447 02173] Fair, BCQRM2	(3m08s)	PLdn	SUN

Sun/Wed

18322kHz1300z	08/04[04324 00090 42126 40652] Strong	(3m19s) RRGB	SUN
17411kHz1310z	08/04[04324 00090 42126 40652] Strong	(3m19s) RRGB	SUN
15961kHz1320z	08/04[04324 00090 42126 40652] Strong	(3m19s) RRGB	SUN
18322kHz1300z	25/04[07134 00148 13622 35012]	RRGB	WED
17411kHz1310z	25/04[07134 00148 13622 35012]	RRGB	WED
15961kHz1320z	25/04[07134 00148 13622 35012]	RRGB	WED
18711kHz1400z	25/04[07134 00148 13622 35012]	RRGB	WED
17412kHz1410z	25/04[07134 00148 13622 35012]	RRGB	WED
16339kHz1420z	25/04[07134 00148 13622 35012]	RRGB	WED
18767kHz1500z	25/04[07134 00148 13622 35012]	RRGB	WED
17468kHz1510z	25/04[07134 00148 13622 35012]	RRGB	WED
16281kHz1520z	25/04[07134 00148 13622 35012]	RRGB	WED
18241kHz1610z	25/04[07134 00148 13622 35012]	RRGB	WED

Sun/Tue/Wed

10803kHz2300z	11/04[14671 00134 57175 64515] 2304z Strong QRN2 QSB2	Spectre	WED
9399kHz2310z	11/04[14671 00134 57175 64515] 2314z Fair QRN3 QSB3	Spectre	WED
8083kHz2320z	11/04[14671 00134 57175 64515] 2324z Fair QRN3 QSB3	Spectre	WED
10803kHz2300z	17/04[03368 00136 16456 47402] Very strong	(3m56s) PLdn	TUE
9399kHz2310z	17/04[03368 00136 16456 47402] Very strong	(3m56s) PLdn	TUE
8083kHz2320z	17/04[03368 00136 16456 47402] Very strong	(3m56s) PLdn	TUE
10803kHz2300z	22/04[01635 00111 31430 43463] Very strong	(3m55s) PLdn	SUN
9399kHz2310z	22/04[01635 00111 31430 43463] Very strong	(3m55s) PLdn	SUN
8083kHz2320z	22/04[01635 00111 31430 43463] Very strong	(3m55s) PLdn	SUN

Mon/Thu

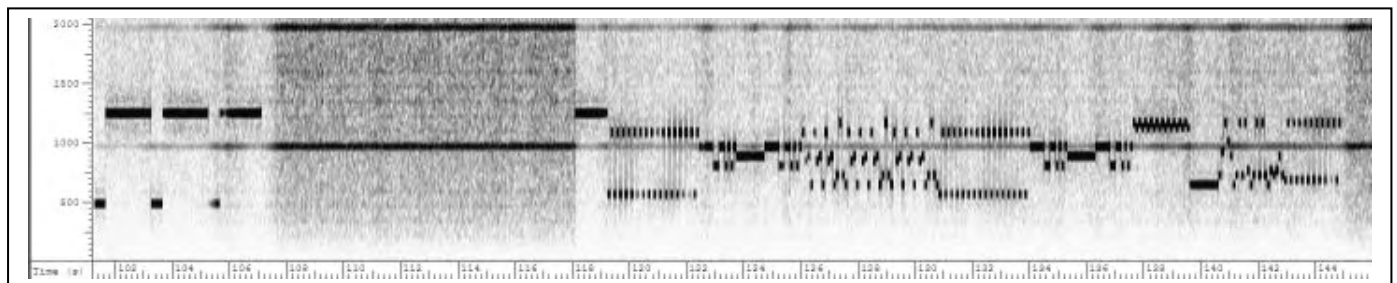
18767kHz1500z	09/04[05499 00090 92202 02144]	RRGB	MON
17468kHz1520z	09/04[05499 00090 92202 02144]	RRGB, IW	MON
16281kHz1540z	09/04[05499 00090 92202 02144]	RRGB	MON

05499 00090 92202 33348 35433 95228 07585 32603 88555 29383
98040 46726 80193 09871 79610 82920 06234 72667 93060 23409
85390 34886 55933 80435 49006 93140 83508 53499 70216 06953
35465 52282 96201 25169 73257 60282 35106 31216 71514 34208
20705 74203 18619 31404 59845 61435 58473 97961 52778 55372
45338 80747 84051 50378 95284 13875 38563 57121 35467 21352
74268 74947 03481 38829 45064 79391 08002 48497 78291 06766
29577 89711 37722 12350 53388 85728 00602 02803 22493 60539
55601 9177 97711 44000 00122 63655 22772 77217 73992 99994
88226 43077 02111

Courtesy JW

16281kHz1520z	19/04[03666 00086 90673 51070]	RRGB	THU
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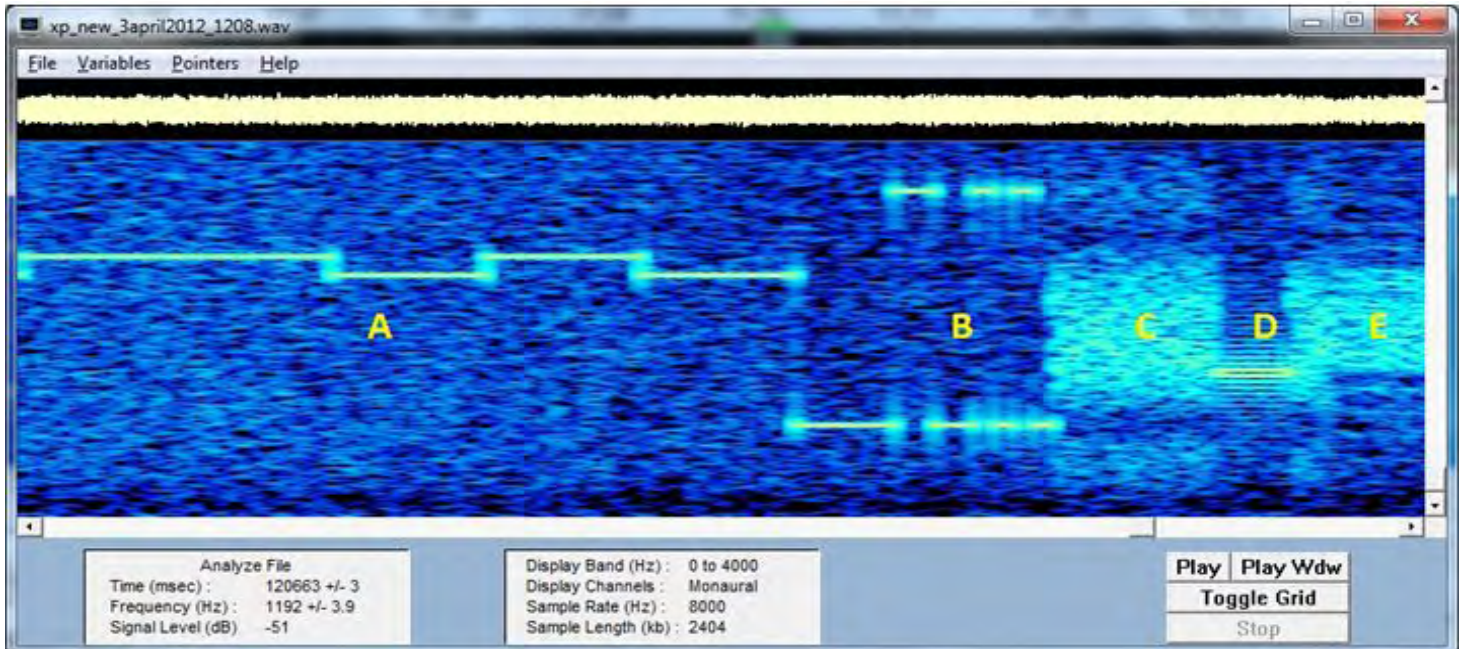
XPA b transmission failure



XPA b transmission failure; 9319kHz 0500z 26/04[934 000 05574 00001 00000 10140]

Digital, Incursions and Unexplained Signals

This month has brought with it an interesting data signal which was monitored and logged by a number of E2K members. The signal was first spotted by RNGB on April 3rd and appeared to be sent every 5 minutes starting perhaps at 1100 (no logs were sent to the group for this station any earlier than that) and continuing until at least 1800 daily using 36 frequencies. There were however some changes or mistakes in its operating procedure. For instance on the first day it was spotted and an alert went out to the group I found the station using 14735 KHz (USB mode) sending a transmission every 10 minutes. Group member Spectre monitored on 10th April and saw a number of odd transmissions where the synchronization sequence was transmitted but no data, where the data transmission appeared to end early or where what appeared to be an incorrect frequency was used (19348 KHz rather than the expected 19438 KHz). Then almost as suddenly as they had started they ended with the last transmission being noted on 10th April.



The signals themselves were some of the most technically complex I have come across with each transmission containing several different modulation methods. Each transmission would begin with just over 120 seconds of alternating 1900 Hz and 1800 Hz tones presumably for synchronization and making this station appear to be variant of the XP transmissions monitored by the group (labelled A in the diagram above). There then followed a brief burst of FSK (frequency shift keying) which I have labelled B followed by a burst of BPSK (Binary Phase Shift Keying) sending data at 500 baud (labelled C), next very short burst of BPSK sending data at 31.25 baud followed by the main body of the data for the next 24 seconds. This main body of data appears to have been sent contained in a varying number of carriers each of which used PSK (Phase Shift Keying). The transmission would then end with a repeat of the same burst of FSK which started it. Leif D the groups data expert soon became involved and informed us that the signal is classified by his website as a Russian Intelligence n x PSK hybrid. It was first spotted in 2008 and has appeared in connection with XP type signals.

The question is of course what was the purpose of these signals and there was some speculation that they were a replacement for one of the Family 1B transmissions. It seems to me that possible reasons include ..

- 1) This was a test. Embassies or agents have been issued with decoder hardware and software but before it comes into general use a field test was needed. If this is the case and the test was a success expect to see more of this mode in the coming months.
- 2) The signal was there to support a short term operation or training exercise (either espionage related or Special Forces). Once this was over the transmission ceased.
- 3) This transmission type was being tested by one of the Russian armed forces. Its regular schedule is similar to the regular transmissions sent by other known broadcasts by the various different Russian armed forces.

So now we need to wait and see what happens. If one of our regular transmissions of interest vanishes and this transmission reappears with a regular schedule then this was just a test. If on the other hand we see this signal reappear from time to time for a week or so then we are seeing an exercise or special operation.

E2K monitors have been busy in March and April logging more Russian FSK200/500 and FSK200/1000 data signals. Yet more schedules have been found and a couple of interesting discoveries made. The first was that when we moved to summer time at least some of the FSK200/500 schedules moved back an hour such as the Saturday lunch time schedule which had transmitted at 13:00/10/20 has moved to 12:00/10/20. Those of you who subscribe to the groups mailing list will have seen me moaning about the lack of traffic sent by FSK200/500. Since I added decoding for this mode to Rivet in build 20 the only traffic I had seen was null messages which take the form ..

00000+++++++162)5761

repeated for seven minutes. However this all changed on Saturday 21st April when I logged the lunch time schedule which during April used 18206 KHz at 12:00 , 16159 KHz at 12:10 and finally 14551 KHz at 12:20. The first couple of sendings couldn't be decoded as they were weak signals and suffered from fading. I missed the first minute of the 12:20 sending but it was a much stronger signal with only a couple of deep fades so I recorded it. When I ran the recording through Rivet later in the day I was rewarded with my first ever actual message and it was nothing like I expected. As I mentioned I missed the first minute of the transmission so may have missed a message header but what I found was that messages begin like this ..

**00000+++++++188=8331
52281013891141343 =8432
92874574809254333 =8573
814347960943078155=8794**

The number to the left of the “=” sign appears to be the encrypted traffic and consists of 17 or 18 digits. The number to the right is interesting also though. The last digits of this is the line number which you can see incrementing. The message ended like this ..

28870268039372698 =81275
423345851935701126=86276
88837514787689596 =81277
26158186121423068)57678

Again the last couple of digits contain the line number which increments but the three digits after the the “=” sign are a mystery to me at the moment. The system appears to give some 3 digit numbers special meanings. The ones I believe I understand at the moment are ..

162	Start of a null message
188	Start of a message
576	End of message or null

Each transmission (of which there were three) appears to send the same message three times. So within the just under 30 minutes this mode transmits there were nine chances to catch the message.

Now we need to see more FSK200/500 messages and then we can hopefully learn more from them. Note that FSK200/500 and FSK200/1000 schedule frequencies change monthly. So the start of the month usually signals a scramble by the groups data monitors to find the new ones. Details of the schedules and their frequencies can be found online at this address ..

<http://goo.gl/D3Ue5>

If you fancy trying decoding FSK200/500 messages yourself then a free decoder called Rivet which can be downloaded from here ..

<https://github.com/IanWraith/Rivet/downloads>

PoSW's Items of interest in the media:-

Items of Interest in the Media:- Former radio show presenter wins by-election; for several years George Galloway had presented a political phone-in show on the Talk Sport radio station. George had in the past been a Member of Parliament for a constituency in London but lost his seat a couple of years ago. But now he is back in the House of Commons as the MP for Bradford West, having been elected in the recent election in which he stood as the candidate for the Respect Party. I have no idea what the Respect Party stands for or what their policies are but the most remarkable point about George's victory was that he completely overturned what had until then been a massive majority for the Labour Party in what had been one of their safest seats. There is a sizeable Muslim population in Bradford and the Labour Party assumed they were home and dry because they fielded a Muslim as their candidate. But they didn't vote for one of their own; instead they voted for a blue-eyed Scotsman of Roman Catholic origins - although since it was recently reported that George has re-married for the fourth time he may not adhere too closely to his faith.

What was most heartening was the fact that the Labour Party had been totally and completely defeated, as of course were the Conservatives and Liberal Democrat parties, neither of which expected to achieve much anyway. Increasingly the three main parties are seen as just slightly different wings of the same party since there is hardly a single issue on which they disagree to any great extent, the “LibLabCon Party” is often heard as a description of the political situation in the UK.

I hadn't listened to George's late Friday night radio show for some time, not because I didn't want to hear what George had to say but because of the style of presentation on Talk Sport radio. Every few minutes there was an interruption to promote some football match which was going to be broadcast over the week-end, a voice-over full of hysterical hype, and then there were the commercials. Obviously, a commercial radio station makes its income from advertising but many of the advertisements were for alcohol and gambling. There was a time not so very long ago when the advertising of these were severely restricted on the broadcast media but many of the rules were scrapped by the last Labour government - part of their ongoing policy of dumping every principle they once believed in.

Labour's scrapping of so many of the regulations regarding alcohol has resulted in our town and city centres being turned into war zones on Friday and Saturday nights as young people - and it is almost exclusively the young - pour the stuff down them with the express purpose of becoming as drunk as possible.

I feel sorry for the police, ambulance crews and the taxi drivers who have to deal with this mayhem at weekends. The Labour Party was established over a hundred years ago by various individuals and organisations determined to improve the lives of working people, including several non-conformist Christian groups concerned at the negative effect of excessive drinking and gambling. It used to be said that the origins of the Party owed more to Methodism than Marx. The Founding Fathers must be turning in their graves at what the modern Labour Party has done.

“There'll be a hot time in the old town tonight” - if, that is, you are a member of the United States Secret Service and you find yourself in the Colombian city of Cartagena.

Apparently a number of president Obama's crew indulged their carnal desires when they went on a trip to Colombia. “11 Secret Service agents in hotel prostitute scandal placed 'on leave'” is the headline in a piece in the Metro newspaper of April 16 and says, “A sex scandal involving the US secret service has marred Barack Obama's trip to a summit of American leaders.

The service, which is responsible for protecting the president, suspended 11 agents accused of taking prostitutes back to their hotel.

Five military personnel with the US Southern Command, who were also staying at Hotel El Caribe in the northern Colombian city of Cartagena, have been confined to quarters.

Waiters said the agents were drinking heavily the night before hotel staff and police found a woman in an agent's room arguing over payment.

The woman, who was paid by the agent, had failed to leave identification with reception.

The special agents and uniformed division officers were sent home and replaced, Secret Service assistant director Paul Morrissey said.

This was because of 'the nature of the allegations' and a zero tolerance on personal misconduct, he added.

Gen Douglas Fraser, commander of US Southern Command, said he was 'disappointed by the entire incident' and the behaviour was 'not in keeping with the professional standards expected of members of the US military'.

The agents left on Thursday, the day before Mr Obama arrived for the Summit of the Americas with 33 other regional leaders at the weekend.

The allegations threatened efforts to keep Mr Obama's trip focused on boosting economic ties with Latin America.”

On the same Metro page as the above story is another short news item which, it has been suggested, might have connections to the world of espionage. This time the action takes place in China. “Was businessman poisoned with cyanide after affair?” is the headline over a short piece about a Brit who met an unexplained and untimely demise in China, and says, “A British businessman found dead in China was poisoned with cyanide, it was reported yesterday. Neil Heywood was murdered on the orders of a fallen Communist party boss, according to Chinese websites.

The Old Harrovian, 41, allegedly had an affair with lawyer Gu Kailai, wife of Bo Xilai, seen until recently as a future leader of China. Mr Heywood was found dead on November 15 in a hotel in Chongqing. It was claimed that Mr Heywood helped Mrs Gu to siphon £800 million of assets overseas. A Chinese official has allegedly confessed that he prepared the poison."

George Orwell, thou should'st be living at this hour; George's name is often invoked with regard to the ever increasing "Big Brother" surveillance society which British governments of all types seem intent on imposing upon us.

Orwell's Ninety Eighty-four is often invoked in connection with this subject, even by those who have never read the book. I remember studying it at school many years ago. There have been a couple of film versions made and according to the I newspaper's "Page 3 Profile" page of 24-March a new version is on the way. Under a photograph of Orwell - real name Eric Arthur Blair - but I suppose we can't hold that against him, the article says, "It's the first version of Nineteen Eighty-Four since the version with John Hurt and Richard Burton, which was released in - er - 1984.

That film was well-reviewed, but hardly stands as a classic. Whereas the book's reputation has only grown over the years, the films has diminished, so it's a good time for a new batch of film makers to have a go.

Not if those film makers are Michael Bay or George Lucas.

We can only hope that neither has the opportunity to lend their mastery of the cinematic arts to what is a solemn and canonical polemic about dystopian politics and state control. But a director is yet to be announced.

Shepard Fairey, the man who designed President Obama's famous "Hope" poster is believed to have a producing role, having been instrumental in bringing the book to Imagine Entertainment.

Isn't that 'doubleplusungood'? Their record is mixed. On the one hand they helmed Frost/Nixon, and on the other (less prestigious) hand they're responsible for *The Da Vinci Code* and *The Nutty Professor II*

What would Orwell think? In some ways, the books ideas are more relevant than ever. When the book was published in 1949, Orwell was keen to show that communism was not politically viable, but he could never have predicted how closely his words would presage the future. Some 63 years later on, state interference in our lives remains a sore point, and the various wars we fight replicates the constant conflict of the book".

Thanks Peter

Now onto other news items

Gizza Job

GCHQ Security Officer, London

Still looking for/replacing the last successful applicant.

Probably found his Morse skills out of date.

GCHQ now asks for decoding of PGP in your head whilst visually sampling deep net use by Azerbaijan using only a magnet and a watchmakers eyeglass.



Protect Our Interests.

Security Officer | Central London
£16,706 pa + shift disturbance of 33%
Fixed term contract for three years

GCHQ provides intelligence that protects national security. As a Security Officer, you'll help protect our people and assets. You'll enjoy a range of key duties - from controlling site access (both in person and using sophisticated monitoring equipment) to conducting rounds and searches.

You don't need qualifications, but security experience will be an advantage. A self-motivated team player, you demonstrate initiative, the ability to solve problems, and the confidence to work unsupervised. Good customer service, numeracy, IT and communication skills (written and spoken) are vital.

In return for your dedication, we'll provide ongoing training, which could lead to recognised qualifications.

To find out more and apply visit www.gchq-careers.co.uk
Closing date: Sunday 1st April 2012.

Applicants must be British citizens. GCHQ values diversity and welcomes applicants from all sections of the community. We want our workforce to reflect the diversity of our work.

What are you waiting for?

This apparently boring advert [its not once you've read it] was sent in by 'E'

It really is an excellent way to attract a specific type of person, who once they have read the waffle will make their mind up as to whether they want the job or not.

Go on then, apply to MI6..... say nowt.



What are you waiting for?

A change? Something new and different? A challenge, perhaps? Or maybe you never were for working. After all, people with drive don't wait, do they? They go out and get. Making it possible. Making it a reality of life.

But wait. Is that always the case? Or are they, being honest, a little bit of a dull. Waiting for someone or something that could change your life. The kind of ideas and vision that could change the world. The kind of ideas and vision that could change the world. The kind of ideas and vision that could change the world.

You've read this far. You're a minority. Only 1% of people ever read adverts like this. You're a minority. Only 1% of people ever read adverts like this. You're a minority. Only 1% of people ever read adverts like this.

Of course, you could stay in the old, but will you get the full story? You see, we're looking for people who can handle detail. Who can work with patience and determination. You see, we don't care what you do or where you live. We don't care what you do or where you live. We don't care what you do or where you live.

The rest, you probably already have a successful career in academia or the public sector. Or perhaps you're working in the high tech world of finance or commerce. Your previous career dynamic. Your career may have been successful. But it's not what we're looking for. A career in the future. A career in the future. A career in the future.

Something more worthwhile. Something more rewarding. Not just a job, but a career. Something more worthwhile. Something more rewarding. Not just a job, but a career. Something more worthwhile. Something more rewarding. Not just a job, but a career.

With the paragraph will have been as a few more readers. But you're still with us. Good. Hopefully that means you're the kind of person we might be interested in. Dynamic. Not just a job, but a career. Something more worthwhile. Something more rewarding. Not just a job, but a career.

A career in the future. A career in the future. A career in the future. A career in the future. A career in the future. A career in the future. A career in the future. A career in the future. A career in the future.

By reading between the lines, you've probably guessed what we're after. But we're not interested in people who read too far ahead. As we said before, patience is rewarded and so you'll find out more about MI6 at gchq-careers.co.uk. We're ready at the end, as to get this far you've hopefully invested in what you're read. You may even be considering applying. You may feel like nothing is happening or maybe you're just a little bit impatient. And we'll read your application process before it's even sent. So if you want to discuss applying, discuss it with us and we'll see you.

Recruitment for the Police [a different perspective].

Following a rather controversial release that graduates would be able to join the police with rank; in fact a return to the 'Officer Class' ideology originally suggested by Lord Trenchard yonks back in time, the worm has begun turning.

Those of us with experience in the police have seen this coming for a long time. For my part the Met has been constantly kicked in the nuts for quite a few years now as the 'upper officer elite' do no wrong and those busy actually 'doing' the coppering are used as the whipping post as soon as things go pear shaped [note the missing word 'drastically']. God forbid the careers of the highly qualified, university educated pip, wreath and tipstave carriers are harmed by their own cock-ups – let the hoi polloy carry the can instead. [and we see this bollocks everywhere, NHS, schools, offices etc etc etc]

Well, the worm turns now. This copy is not good but it reads:

"Recruitment for the police.

"Are you young and just out of university? Are you one of these narcissistic muppets who holds political views about things you have absolutely no idea about? Then read on."

Picture of two female graduans

Graduate Inspectors Scheme

Patrol Hours?	Our current police officers are just too thuggish
Arrests?	and we need some lovely people who can make
Community Projects ?	criminals stop committing crime just by being
Life Experience?	nice to them.

"Lead a section of experienced men and women who know how to do the job and then force your new ideas on them, even though you have no idea what you are talking about. Don't worry if it all goes wrong – you can just blame the constables under your command

Starting Pay: £38,489"



"When I was at university....." How many persons are sick of that elitist phrase from empty vessels with 'degrees' in hairdressing and the like that have been put together to keep the idiot out of the jobs queue for three years? I'm beginning to understand Pol Pot!

The Signals of the Others

Daniel Stadermann from Münster hunts for agent's radio with a shortwave receiver

[Info-Textbox:]

INFO

Number Stations

- * Number station fans gathered in the group "ENIGMA 2000". ENIGMA stands for "European Number Information Gathering And Monitoring Association"
 - * For the reception of number stations, a good shortwave receiver with digital frequency display and preferably single side band reception is recommendable
 - * A good outdoor antenna is recommendable
 - * Number stations mostly send at the full or half hour
- www.Simonmason.karoo.net
www.enigma2000.org.uk

BY MICHAEL FUST

* Münster. Noise and beeps. The shortwave receiver seems to collapse. Suddenly, a few beats of music sound from the speaker. "Achtung, Achtung! Spruch Nummer 8 - Gruppenzahl", says a male. "Ach-tung, Spruch-che", it continues and declaims groups of five numbers with a strange accent. "Acht, zechs, zvo, acht, zvo", hisses through the ether.

"That's G20", says Daniel Stadermann, "a former number station, presumable from the GDR". One of many historical recordings Stadermann has stored in his computer. G03 also did not survive the re-unification. It is silent since May 31, 1990. In the last transmission the operators sang "Alle meine Entchen" [German children's song] on shortwave.

Stadermann is one of the hardcore fans of so-called "number stations". As early as in his pre-school age he was fascinated by the sounds from shortwave radio. "In the seventies one could hardly avoid to stumble over number stations", he says.

The search for what's behind it began. In 1980, after exams he "finally acquired a decent shortwave radio" and continued the search. "For years I thought I was the only lunatic hunting number stations", he says. Someday he searched the web for like-minded. "I couldn't believe my eyes, I was not the only madman interested in it."

Jochen Schäfer, head of the German ENIGMA 2000 faction founded in 2004, estimates the number of registered and active members at over 20, "with upward trend", he says. In total in this country it is more than 50 active number station surfers. He estimates more than 700 who know what's what in the numbers jungle worldwide. And certainly there are "even more number station listeners we don't know yet."

There is much speculation in shortwave circles. It only appears to be clear: The larger part of this stations addresses to secret agents. The advantages: receivers of shortwave messages cannot be located, unlike informations via letters, telephone or data communications. The mysterious number messages cannot be decrypted even knowing that numbers stand for letters.

Who wants to understand the messages needs a key. The so-called "One-Time-Pad (OTP)" can only be used for one particular information. It is generated as a random numbers stream by the guidance office mostly by machine - one copy for the sender, one for the receiver of the messages. Only with this "key" the numbers can be converted to words. The OTP is destroyed after decryption.

Because if the sender would use the same key more than once, the message could be decrypted by third-party, in particular enemy secret services.

No wonder that Stadermann's hobby is often challenged. "Why do you listen to this stuff when you cannot understand it anyway", he is asked often. But understanding is not everything.

Shortwave fans worked out a classification for the various stations. For example, a "G" in front of the station's type designator stands for a German language station, an "E" for English. And the countries where the stations transmit from have mostly been identified. The signal strength is the highest in the country of origin - i.e. in case of the, meanwhile ceased, Israeli "Mossad" station E10.

When there is a crisis, number stations can sometimes become seismographs. For instance it struck that the Russian station S07 repeated only "55555" at the time of the coup of the die-hard communists against Gorbachev in 1991, Daniel Stadermann says.

But sometimes the mysterious target subjects of number stations can be nearby.

In October 2011, GSG 9 special forces and BKA [Bundeskriminalamt, German Federal Office of Criminal Investigation] caught a suspected spy couple in Marburg, Germany. The investigators caught the woman red-handed listening to the radio - agent's radio. The couple is accused of having transferred messages to Moscow, including trade secrets of a car components supplier.



Thanks Daniel!!! If anyone wishes to view the original piece, written in German: http://www.nw-news.de/owl/6544152_Die_Signale_der_anderen.html

Number of Russian spies in the UK back to Cold War levels, say security services

Russia has as many spies operating in Britain today as it did during the Cold War, security services believe

By Tom Whitehead, Security Editor

<http://www.telegraph.co.uk/news/uknews/defence/9190536/Number-of-Russian-spies-in-the-UK-back-to-Cold-War-levels-say-security-services.html>

12:00PM BST 06 Apr 2012

Up to half the staff at the Russian embassy in London could be involved in intelligence gathering, a senior source told The Daily Telegraph.

Around 40 Moscow spies are believed to be operating in this country at any one time. Some are involved in traditional state espionage, while others monitor London-based oligarchs or engage in industrial spying for the commercial benefit of Russian firms.

There are fears Russia will ramp up its efforts over the coming months while the UK security services focus on the Olympic Games and the Queen's Jubilee celebrations.

Britain's close relationship with America is also hugely attractive for Russia who sees it as a "back door" to US intelligence, one expert warned.

Relations between the two nations have been strained in recent years, in particular following the murder of Alexander Litvinenko in London in 2006 and difficulties in extraditing the chief suspect Andrei Lugovoi.

In the same year, Britain was accused of placing a fake rock containing a transmitter in a Russian street to help steal classified data.

The UK initially denied any knowledge of the "spy rock" but earlier this year Jonathan Powell, Tony Blair's former chief of staff, admitted it was true.

And last year allegations that Katia Zatuliveter, who had an affair with an MP on the defence select committee, was a spy were raised during an immigration tribunal.

The panel concluded she was not a spy even though MI5 had "ample grounds for suspicion".

It is believed there could be as many as 40 Russian spies active in the UK at any one time – similar to if not higher than numbers just before the end of the Cold War, sources said.

In 2007, Jonathan Evans, the director general of MI5, said despite the thawing in tensions after the Cold War, he was still "expending resources to defend the UK against unreconstructed attempts by Russia, China and others, to spy on us".

"It is a matter of some disappointment to me that I still have to devote significant amounts of equipment, money and staff to countering this threat," he said.

"They are resources which I would far rather devote to countering the threat from international terrorism – a threat to the whole international community, not just the UK."

Oleg Gordievsky, a high profile KGB defector, has warned the number of spies here could be even greater than there were in the mid-1980s – when 39 intelligence officers were based in the embassy.

Mr Gordievsky was a KGB colonel and head of station in London. He worked as a double agent for MI6 because his arrest in Russia in 1985 and subsequent escape to Britain.

Jonathan Eyal, a Russia expert at the respected security think-tank, the Royal United Services Institute (Rusi), said: “They are back to where they were in quantity to the period just before the end of the Cold War.”

Mr Eyal said the UK is always of interest to Russia. It is seen as a potential back door in to US intelligence because a breach here could be like a “Trojan Horse” for breaching America’s secret due to our close working relationship.

The large number of oligarchs and high profile Russian figures and critics based here are also regularly monitored.

Activities can range from general intelligence to obtaining information crucial to industry such as trade secrets or whether a company is ripe for take over, especially in the fuel supply industry.

There are fears the level of spying will now step up this summer while intelligence officers concentrate on major events.

Mr Eyal said: “It is likely there is going to be a dip in the capability of our security services in either identifying or monitoring increased activity because everything will be going in to the Olympics and Jubilee.”

<http://www.telegraph.co.uk/news/uknews/defence/9190536/Number-of-Russian-spies-in-the-UK-back-to-Cold-War-levels-say-security-services.html>

Perhaps there will be an increase of Number Stations – but don’t hold your breath folks!

Navy submariner accused of leaking military secrets

Rashid Razaq
08 March 2012

<http://www.thisislondon.co.uk/news/crime/navy-submariner-accused-of-leaking-military-secrets-7545430.html?origin=internalSearch>

A royal Navy submariner has been accused of leaking classified information in breach of the Official Secrets Act.

Edward Devenney, 29, was arrested by Metropolitan police officers at a base in Plymouth on suspicion of revealing military secrets that could be “deemed useful to an enemy of the state”.

The chief petty officer, originally of County Tyrone, Northern Ireland, was arrested on Tuesday morning and remanded in custody. He is alleged to have communicated the information on January 28. A Met spokesman said a number of searches had been carried out in connection with the arrest which were now complete.

The Official Secrets Act 1989 states that “a member of the security and intelligence services is guilty of an offence if, without lawful authority, he discloses any information, document or other article relating to security or intelligence which is or has been in his possession by virtue of his position as a member of any of those services.”

It has been breached before, notably by Corporal Daniel James, an Army translator who worked for the head of Nato forces in Afghanistan.

James, 45, an Iranian by birth, was found guilty after sending coded emails about British troop movements to the Iranian military attaché in Kabul.

In 2010, MI6 employee Daniel Houghton, was convicted and jailed for breaching the Act.

The IT graduate, 25, helped develop a method of intercepting emails in the secret service, but tried to sell official secrets for £2 million to agents from the Netherlands.

In 1997, former MI6 officer Richard Tomlinson was jailed for violating the Official Secrets Act by giving a synopsis of a proposed book to a publisher.

He pleaded guilty to the breach, after apparently giving details of his career in the Secret Intelligence Service, but the book was later published.

<http://www.thisislondon.co.uk/news/crime/navy-submariner-accused-of-leaking-military-secrets-7545430.html?origin=internalSearch>

Tnx 'E'

UK 'exporting surveillance technology to repressive nations'

Fears that software similar to that which government wants to use in Britain is being sold to monitor dissidents abroad

Jamie Doward and Rebecca Lewis
Saturday 7 April 2012 21.00 BST

<http://www.guardian.co.uk/world/2012/apr/07/surveillance-technology-repressive-regimes>

There are fears that UK technology firms could be supporting Assad's Syrian regime. Photograph: -/AFP/Getty Images

Britain is exporting surveillance technology to countries run by repressive regimes, sparking fears it is being used to track political dissidents and activists.

The UK's enthusiastic role in the burgeoning but unregulated surveillance market is becoming an urgent concern for human rights groups, who want the government to ensure that exports are regulated in a similar way to arms.

Much of the technology, which allows regimes to monitor internet traffic, mobile phone calls and text messages, is similar to that which the government has controversially signalled it wants to use in the UK.

The campaign group, Privacy International, which monitors the use of surveillance technology, claims equipment being exported includes devices known as "IMSI catchers" that masquerade as normal mobile phone masts and identify phone users and malware – software that can allow its operator to control a target's computer, while allowing the interception to remain undetected.

Trojan horse software that allows hackers to remotely activate the microphone and camera on another person's phone, and "optical cyber solutions" that can tap submarine cable landing stations, allowing for the mass surveillance of entire populations, are also being exported, according to the group.

Privacy International said it had visited international arms and security fairs and identified at least 30 UK companies that it believes have exported surveillance technology to countries including Syria, Iran, Yemen and Bahrain. A further 50 companies exporting similar technology from the US were also identified. Germany and Israel were also identified as big exporters of surveillance technology, in what is reportedly a £3bn a year industry.

Last month Privacy International asked 160 companies about sales of equipment to repressive regimes. So far fewer than 10 have written back to deny selling to nations with poor human rights records. The campaign group warns: "The emerging information and communications infrastructures of developing countries are being hijacked for surveillance purposes, and the information thereby collected is facilitating unlawful interrogation practices, torture and extrajudicial executions."

Many of the brochures, presentations and marketing videos used by surveillance companies to promote their technology have now been posted on the WikiLeaks website, while a list of firms identified by Privacy International as a cause for concern has been provided to the Department for Business, Innovation and Skills. The trade minister, Mark Prisk, has been briefed on the situation.

Last month the European council banned the export of surveillance technologies to Iranian authorities in response to serious human rights violations. It has imposed similar bans on exports to Syria.

But human rights groups said equipment was still being sold to commercial organisations in the two countries and called for the government to take stronger action.

"By the time the embargo is in place the ship has sailed," said Eric King, head of research at Privacy International. "Our research shows the idea that this is not a British problem is wrong. We need governments to act now. In a few years this equipment will need to be updated; these countries don't have the technical expertise to do it, so this is something the UK needs to be aware of and to take action against now."

In December it emerged a British company had offered to sell software to Egyptian security services that experts say could hack into web-based email. The company, Gamma Group International, insists it "complies, in all its dealings, with all relevant UK legislation".

Last year a public outcry forced an Italian company to pull out of supplying Syria with "deep packet investigation" technology that would allow the country's security forces to access internet service providers. But Syriatel Mobile, Syria's largest mobile phone operator, uses blocking technology provided by a Dublin-based company.

Creativity Software (CS), a British firm specialising in "location-based services", sold technology to the mobile network operator MTN Irancell that campaign groups said could be used to track individuals. The company said its technology provided "the same type of activities that are enjoyed by consumers in many other markets – a hugely popular and successful social networking and location-based mobile advertising service".

It is the responsibility of manufacturers to ensure their technology is not used to perpetrate human rights abuses. But there are now calls for them to be subject to stringent export controls requiring a licence to sell abroad.

Privacy International also argues that, in order to prevent dangerous technologies reaching authoritarian regimes through middlemen, there is a need for "end-use" controls that would make it illegal for companies to provide their products when they know or suspect they will be used in human rights abuses.

In a letter to Privacy International, Downing Street said the government was "actively looking at this issue" and was working within the EU to introduce new controls on surveillance.

<http://www.guardian.co.uk/world/2012/apr/07/surveillance-technology-repressive-regimes>

Some interesting newsclips sent in by Spectre

News Article In The Guardian Sunday 4th March 2012.

Ministry of Justice sounds warning over secret hearings

Binyam Mohamed's action against MI5 and MI6 is the sort of embarrassment green paper aims to prevent if it becomes law.

Introducing secret hearings into civil courts could backfire, leading to more claimants accessing sensitive information, according to the government's own impact assessment of its justice and security green paper. Expanding the use of so-called "closed material proceedings" (CMPs) may also result in jurors finding the vetting procedure intrusive, and in "resentment of the judicial process and unwillingness to participate in jury service", the Ministry of Justice's study warns. The highly critical comments are buried deep in the department's own appraisal of the measures, which are intended to protect national security. They are in sharp contrast to the upbeat public endorsement given by the justice secretary, Ken Clarke.

When he presented the green paper to parliament, Clarke declared: "[We] seek to produce a system whereby our public and our allies can be reassured that these matters will be handled sensitively in this country. People will share intelligence with us knowing that it will be used properly, will not be misused and will not be disclosed in areas where it would do damage." But the MoJ's less widely circulated impact assessment cautions that there is a "higher risk of potential security breaches due to a larger number of individuals accessing sensitive information ... [and] any potential breaches may impose substantial costs to UK security". Clarke is to appear before parliament's joint committee on human rights on Tuesday to face questions about the proposals, which go far beyond the existing public interest immunity certificates used in cases involving MI5, MI6 or Special Branch.

The civil liberties group Reprieve, which has campaigned on behalf of detainees who have been secretly "rendered" to overseas prisons, highlighted the critical comments in the impact assessment document. It has accused the government of "sleepwalking into a system of secret courts". British courts are already well equipped to deal with national security cases, it insists. "To claim otherwise is to allow our government's addiction to secrecy to erode centuries-old traditions of open justice." The justice and security green paper is aimed at closing down embarrassing public actions brought against the intelligence agencies by former terrorist suspects such as Binyam Mohamed, a British citizen held in Guantánamo Bay, who claimed he was tortured while detained in jails, including in US custody.

Under the proposals, not only would ministers be able to order a hearing to be conducted in secret, but the proceedings would also deny claimants access to government evidence or witnesses – leaving them effectively untested in court. In addition, the final judgment could be wholly or partially withheld. There have been 90 submissions in response to the green paper, of which 77 have been published on the Cabinet Office website. Among the latest releases is the response of the Police Federation, which warns that CMPs should be used only in "exceptional cases". It adds: "There is clearly a disadvantage to excluded individuals from CMPs, and a risk to the interests of justice." But a number of the organisations, including several police forces, appear reluctant to reveal their comments. Lancashire, Kent and Essex Police have been asked, on a number of occasions, to make their submissions public, but have failed to respond.

A spokesman for the Cabinet Office said: "In the interests of ensuring maximum transparency, we are actively seeking consent to publish as many responses as possible."

Even in cases where consent is withheld we are proposing to publish a summary that reflects the full range of responses received. Separately, a very small number of responses were submitted in confidence. The government is under a legal duty to respect that." Of the remaining unpublished submissions, seven are individual members of the public, three are police or law-enforcement bodies, two are private companies and one is a public oversight body.

Among others to voice concern about the proposals is the former director of public prosecutions Lord Macdonald. He warned earlier this week: "These unprecedented proposals are an audacious attack on the fundamental principle of British justice: that you should be able to know, and to challenge, the claims which are made against you." "They threaten to put the government above the law, while leaving ordinary citizens, and the press, shut out of their own justice system. After a decade in which we have seen our politicians and officials caught up in the woeful abuses of the War on Terror, the last thing the Government should be seeking is to sweep all of this under the carpet. However, that is exactly what their disastrous secret justice proposals are likely to do." "David Cameron came to power saying 'sunlight is the best disinfectant'. We should not sacrifice Britain's open and transparent justice system simply to protect politicians and their officials from embarrassment."

News Article In The Gaurdian Tuesday 6th March 2012.

<http://www.guardian.co.uk/search?q=Clarke%27s+concerns%3A+spies+and+satisfying+the+Americans§ion=uk/world>
Clarke's concerns: spies and satisfying the Americans

Threats from the CIA to stop sharing intelligence with the UK is what really lies behind the justice and security green paper.

"We do not allow the media to print intelligence material unedited", Kenneth Clarke, the lord chancellor and justice secretary, told parliament's human rights committee. Indeed, he added, he did not know of any journalist who believed such unedited material should be disclosed.

That is not, of course, the point. What we are concerned about, along with many others, is the suppression of evidence and information which would allow MI5, MI6, the police, and other agents of the state to cover up wrongdoing and unlawful acts. It was difficult to know, as he responded to questions in his characteristic rumbustious manner, how convinced Clarke really is about the merits of the government's proposals, outlined in its justice and security green paper. He certainly seems to have been heavily briefed by the spooks. It was "ridiculous", he said, to have officers from MI6 identifying themselves and giving evidence in open court. It would be absurd, he suggested, if an English court suddenly alerted an "al-Qaida leader" to discover who among his followers had been "turned" by MI6. It would be very dangerous, Clarke went on, to expose someone who had penetrated a hostile group on behalf of British intelligence.

"Spies are uppermost in our minds", he told the committee. His other preoccupation was "the need to satisfy the Americans".

Washington was very angry about the decision by the appeal court, supporting earlier high court rulings, in 2010 to disclose a short summary of CIA material backing up allegations by the British resident and Guantanamo Bay detainee Binyam Mohamed that he had been abused and unlawfully treated and that British security and intelligence agencies knew about it. That, Clarke stressed, breached the control principle, whereby information supplied by the intelligence agency of one country can, on no account, be released by another country in receipt of it.

The purpose behind the government's proposals is to prevent any such evidence, any wrongdoing by the security and intelligence agencies, being exposed ever again. The government has attempted to provide a sweetener by proposing that the parliamentary Intelligence and Security Committee (ISC) should be made a little more independent. Yet the ISC, in its comments on the green paper, says the government has not gone far enough to ensure that all intelligence material must be kept secret. Clarke must know all this though, interestingly, he said he was "most unsettled" by criticism of the government's plan from special advocates - the vetted lawyers who would have the unenviable task of trying to represent claimants in secret hearings from which the claimants and their own lawyers would be excluded. Clarke made it clear he will offer some concessions - narrowing the government's definition of "sensitive" information and the "public interest". But the claim that the proposals are vital in the interests of "national security" will remain. It is a concept that should protect a genuine need for secrecy. As Clarke inadvertently demonstrated, it also covers a multitude of sins.

<http://www.guardian.co.uk/search?q=Clarke%27s+concerns%3A+spies+and+satisfying+the+Americans§ion=uk/world>

News Article In UPI.com March 6th 2012.

Finland: Refugees face spying threats.

HELSINKI, Finland, March 6 -- Foreign governments and groups are carrying out more spying on refugees and dissidents living in Finland, the country's security intelligence service says. SUPO, the Finnish Security Intelligence Service, issued a report last week contending that while the Scandinavian country isn't seeing an increased threat of terrorist acts on its soil, it still faces several terror-related challenges. One of them is "regular" surveillance activity by foreign intelligence services operating within Finland, whose aim is spy on their home countries' dissidents and develop links with other refugees and expatriates, the Helsinki daily Helsingin Sanomat reported.

The newspaper said SUPO is concerned about an increasing number of "refugee espionage cases," wherein foreign spies keep tabs on their own citizens residing in Finland permanently or temporarily. The spies use information gathered in Finland to target the individuals' relatives in their home countries, who are often harassed, detained and interrogated -- sometimes to the point of torture and execution -- to place pressure on dissidents, the agency said. One such country is Somalia, SUPO said. It noted the al-Shabaab Islamic extremist group fighting for control of the East African nation has close links with Somalis in Finland and other Nordic countries.

In September, Finland made its first- terrorism arrests: a Somali man and woman suspected of financing terrorism and terror recruitment for al-Shabaab. The National Bureau of Investigation accused the 34-year-old of also recruiting at least one person abroad to commit an act of terrorism overseas, Finland's YLE television reported. SUPO Chief Inspector Tuomas Portaankorva told Helsingin Sanomat in December local support for al-Shabaab had subsided in recent months because the terrorist group has carried out violent acts and won't let international humanitarian organizations operate within its territory.

SUPO Director Antti Pelttari confirmed in November there have been recent cases of Finnish residents taking part in fighting or armed training in various crisis areas around the globe but asserted fewer have come from Finland than from the other Nordic countries. "The number is relatively small, not in the dozens," he told the newspaper. But, Pelttari added, Finland has a hole in its legal structure: Unlike other Nordic countries, it's not illegal for residents to go abroad to receive training with terrorist groups. "It is problematic that terrorist training is not a crime in Finland, as it is in many other European countries," he said. "The phenomenon was unknown when Finland's laws on terrorism were passed."

Anti-Islamic and right-wing terrorism is also a concern in Finland in the wake of last year's slayings of 92 people by an armed ant-immigration extremist in Norway, he said. "Nowadays there have unfortunately been terrorist attacks carried out around the world motivated by both of these -- both those rationalized in extremist Islamist terms and as a sort of response, such as the events in Norway," the SUPO chief said. "In other words, both must be taken seriously." Anti-Islamic "hate speech" is present in the country but not to extent as elsewhere in Scandinavia, Anssi Kullberg, first secretary and terrorism researcher for Finland's foreign ministry, told YLE. "The danger is that (hate speech) might provoke the other side," he said. "Finland has so far avoided a conspicuous Islamic discourse. We do not have the same kind of situation as Sweden or Norway have in which certain religious leaders incite people to hate."

News Article In The Metro Free Newspaper Thursday March 8th 2012.

Strong solar storm could disrupt flights and power grids, Nasa warns.

A huge solar storm is expected to hit Earth later, with Nasa warning it has the power to disrupt power lines, satellite navigation systems and flight paths. The magnetic storm, the largest in five years, has led to a 'massive amount of solar particles heading towards Earth', the Met Office also confirmed. Commenting on the potential disruption caused by the explosion on the surface of the Sun, known as a coronal mass ejection (CME), a spokesman for the Met Office said: 'Part of our role is to advise the government and relevant industries about the potential impact of events such as this, so we have advised the aviation and energy industries. 'Airlines may re-route planes from near the polar regions as that is where the storm would be most intense and the National Grid could also be affected, but they will take action to limit any risk. 'It should arrive some time this morning and last through the day. In terms of what that means from the public's point of view, there's an increased chance of aurora borealis or Northern Lights being seen if conditions are right and the skies are clear.' A statement from Nasa said the two bursts of solar wind heading towards Earth were travelling at 1,300 miles per second and 1,100 miles per second respectively. The solar storm is expected to last until the end of the week, with Nasa confirming it was monitoring situation and had determined that, at present, the storm was not a concern for the six astronauts aboard the International Space Station.

News Article In The Sun Friday March 9th 2012.

Sun Storm Is 'A Washout.'

A GIANT solar storm hit the Earth yesterday, leaving puzzled scientists trying to work out what damage it had done. The storm, which followed two large eruptions on the surface of the sun, had been expected to cause mayhem. Experts feared waves travelling at four million miles an hour would KO power grids, disrupt sat navs, jam radios and cause aircraft to re-route. US forecasters had said the storm would 'hit us right in the nose.' But the Met Office said there had so far been no reports of interference. The National Grid said 'There was no effect.'

News Article In Naijagists.com March 13th 2012.

Australian Spies in Nigeria

Australian special forces have been operating in several African countries over the past year gathering intelligence on terrorist activities, a report said on Tuesday. The Sydney Morning Herald said 4 Squadron of the elite Special Air Service (SAS) had mounted dozens of clandestine operations in places such as Zimbabwe, Nigeria and Kenya in a role normally carried out by spies. Citing a government source, it said the missions by the previously unknown squadron were believed to involve terrorism intelligence gathering amid concerns about the threat posed by the Islamist al-Shebab militia. They are also aimed at developing rescue strategies for evacuating trapped Australian civilians while assessing African border controls and exploring landing sites for possible military interventions. The information gathered flows into databases used by the United States and its allies, it said. The Herald added the operations have raised serious concerns among some sections of the military and intelligence communities that the troops do not have adequate legal protection or contingency plans if they are captured. "They have all the espionage skills but without (Australian Secret Intelligence Service's) legal cover," said one government source. According to the newspaper, ASIS officers are permitted under Australian law to carry false passports and, if arrested, to deny who they are employed by. Defence Force members, such as the SAS, on normal operations cannot carry false identification and cannot deny which government they work for. Defence Minister Stephen Smith refused to confirm the group's existence "because we don't want to put at risk either operations or our national security". But he insisted that all Australian operatives overseas did their job within the law and had proper protection. "People would expect from time to time the SAS, ASIS, and department of foreign affairs and trade are involved in making sure Australians overseas are not at risk," he told Sky News. "Whenever we have our people in the field they have the proper and appropriate protections. "Whether someone is working for ASIS or someone is operating for or with the SAS, we ensure they operate in accordance with domestic and international law and that they have appropriate and proper protection."

News Article In Reuters March 13th 2012.

How German history helps modern spies.

BERLIN - Every time he goes into a meeting or discusses anything sensitive with colleagues, Andreas Blume places his mobile phone inside a small tin container. Blume, 38, an expert in intellectual property security at Evonik, a specialty chemicals maker in central Germany, has put the tins in every meeting room at the company's main research centre. "You just need a suitable biscuit tin to counter eavesdropping measures. About 50 percent of freely available tins act as a perfect faraday cage," explains Blume. "No one can activate the microphone of your mobile and listen in to what you say."

Not every company in Germany is so careful. While Evonik and other German firms with expensive R&D labs routinely guard against corporate or industrial espionage, the vast majority of German companies - and certainly most of the small and mid-sized "Mittelstand" firms which form the backbone of Europe's largest economy - give little thought to corporate spying. Such complacency exists in companies from Detroit to Dijon. But security officials and corporate executives say it is far more common in Germany because of an almost visceral distrust of security and spy agencies, rooted in memories of the Nazi Gestapo and Communist Stasi spy agencies. Most Germans, they say, shy away from any kind of surveillance and would rather keep quiet than report suspicions to an official.

That leaves German companies particularly exposed to economic espionage, says the Bundesamt fuer Verfassungsschutz (BfV), Germany's equivalent of the U.S. Federal Bureau of Investigation. It is worried that Russian and Chinese intelligence services target German corporations. The problem, according to the German interior ministry, could cost the country 20-50 billion euros (\$26-66 billion) a year.

CHINA MOVES IN

Even when a German company does discover a problem, most "won't usually squeal to a spy agency," said Berthold Stoppelkamp, head of the Working Group for Economic Security (ASW), a security think tank set up by the Federation of German Industries (BDI). For example, a German on business in China who loses a work memory stick wouldn't tend to think of informing the government about it: "It is not part of our value system."

The contrast with companies from the United States is telling. Only a third of German companies surveyed in a 2009 PriceWaterhouseCoopers study had a whistle-blowing system in place, compared with 61 percent of German subsidiaries of U.S. companies. "More and more whistle-blowing systems have been set up since 2005 but skepticism among several companies is still huge," the PWC report said. Only 10 percent intended to set up such a system in the next two years while 76 percent said they were unlikely to do so. The most common reason to oppose one was concern it could promote a culture of fear and spying.

Stoppelkamp's working group has begun teaching German companies about the potential threats - everything from a spy posing as an apprentice to a USB stick that could be used to smuggle out information. So far interest is poor. At a seminar on the topic for German high-tech firms last year, fewer than 10 percent of those invited showed up. Participants were told about threats from Chinese and Russian state intelligence networks as well as specific instances of Chinese spying backed by state agencies. They were given basic practical tips about business travel: pointers like take a different laptop, and don't be seduced. Some executives said they were stunned that their companies could be at risk.

Of course, Western rivals could be snooping on German companies, but Berlin is particularly concerned about Russia and China. German intelligence agencies have discovered several cases in the past few years that had Chinese involvement, say security officials, adding that while the Russian focus is on strategic information, the Chinese are mostly interested in collecting product information.

In one 2010 case, a Chinese national who had worked in a manufacturing plant "gathered information and then later burned this data on CDs," said a security official who is actively involved in ferreting out economic spies. "He also used USB sticks to siphon off data." The official believes that data ended up in China, although German intelligence can't prove anything: "The suspect said he took the information to enhance his career prospects." Chinese intelligence services prefer not to send people to Germany, but to tap Chinese nationals already in the country, the official added.

Another government security official, who has dealings with companies on how to beef up their security, said China had become more "aggressive" in spying than Russia in the past few years. The person detailed another recent case of suspicious behavior. A German research institute conducted a phone interview with a job applicant in China. The potential employee gave a great interview and showed deep knowledge of his field. But when he arrived in Germany he performed terribly. Institute officials concluded they must have interviewed a different person from the one who arrived - one targeting the research institute for its know-how. "There are many of these suspicious cases involving the Chinese," according to the person. "When we speak to the (German) companies and tell them some of the methods used, then these companies afterwards would say, 'Oh yes, that's right - that's exactly what happened to us.'"

THE EUROCOPTER SCANDAL

China may be more aggressive, but Moscow still packs a punch. Evidence of that came to light last year in one of the most spectacular industrial espionage cases in Germany since World War Two. The case focused on an Austrian army helicopter mechanic. Known as Harald S., he was accused of working as an agent for Russia's secret service between 1997 and 2002. German prosecutors alleged that he passed documents on civilian helicopter technology to Russia's foreign spy agency, SVR. The helicopter was made by Eurocopter, a division of European aerospace group EADS.

Prosecutors also said S. facilitated contact between Russian diplomat Vladimir Woschschow, who worked as a trade attache at Russia's embassy in Vienna, and Werner G., a German engineer at Eurocopter's plant in Ottobrunn, southeast of Munich. S. had met G. in 1997 and the men discovered they had a few things in common, including a passion for flying and for rescue dogs. Testifying in Munich's High District Court last year, G. said the Austrian had asked him for some harmless documents. Because they were freely available on the internet anyway, the German harbored no special suspicions about the request. But the Russian became more demanding, asking G. for details on the NH90, a multi-purpose military helicopter designed for the NATO countries, and the anti-tank helicopter Tiger, one of the most advanced combat helicopters. Suspicious, G. approached the BfV and was later involved in a sting to catch the diplomat and S. The Austrian, whose lawyer said at the trial that knew "he made a huge mistake", received a suspended sentence and was fined 4,139 euros. G. had received a suspended sentence in 2008. Woschschow was not prosecuted because he had diplomatic immunity. A spokeswoman for Eurocopter said at the time the case had caused no damage to the company.

THE SET-UP

Cracking such cases can be difficult in Germany because the country's intelligence network was deliberately set up to avoid the creation of a single monolithic agency like the Nazi Gestapo or the Stasi in Communist East Germany. "It's all because of history ... There is no strong centralized command," said Stoppelkamp. That means the national BfV must work with 16 agencies - one in every federal state. They all coordinate with each other but also protect their own turf. States in the former West Germany have a tradition of swapping information between companies, industry bodies and the state's intelligence agency; those in the former East Germany are less inclined to share.

Three years ago the BfV expanded its economic espionage unit, realizing that catching corporate spies is just as important as chasing terrorists.

Mueller Weingarten, a unit of Schuler AG in 2008, was one of few firms that reported to police about one of its Chinese employees. Mueller Weingarten makes pressing, stamping and cutting technology products for the automotive industry. It fired a Chinese national in early 2008 after noticing he was frequently and surreptitiously downloading blueprints for trucks. Christine Weiss, spokeswoman for the State Prosecutor's Office in Ravensburg, said the case was temporarily suspended in December 2008 "because we don't know his whereabouts". Schuler declined to comment.

Another company which acted, the official who works with companies said, was a Berlin-based architecture firm which had won contracts from various government agencies, including buildings of interest to foreign intelligence agencies. Last year the firm caught a Chinese intern stealing building plans. The firm, which the sources declined to name, went to the police, who prosecuted the man. "It would have been better if the company had turned to us," the security official said. "We could then use our intelligence gathering resources to find out if the intern was working for a foreign intelligence agency."

News Article In BBC News Europe March 14th 2012.

Azerbaijan arrests 22 suspects in alleged Iran spy plot

The authorities in Azerbaijan have arrested 22 people on suspicion of spying for Iran, accusing them of links to the Iranian Revolutionary Guards. The undated arrests were confirmed in a brief statement by the Azerbaijani national security ministry. Azerbaijani TV reported last month that a plot to attack the Israeli embassy and a Jewish centre had been foiled. At the time, Iran was also suspected of attacking Israeli targets in Thailand, India and Georgia. It was not immediately clear on Wednesday if these were new arrests, or official confirmation of those made in February. However, according to Contact, a non-government Azerbaijani news website supported by the US National Endowment for Democracy, the arrests took place between late January and 20 February. Contact said the detainees were being charged with treason and illegal possession of weapons. It added that they were "not the first group of individuals... arrested recently in Azerbaijan on charges of working for the Iranian secret services".

Covert war?

"Firearms, cartridges, explosives and espionage equipment were found during the arrest," the Azerbaijani national security ministry said. The 22 detainees are said to have received orders from the Revolutionary Guards to "commit terrorist acts against the US, Israeli and other Western states' embassies and the embassies' employees". Recruited as far back as 1999, they were allegedly trained in the use of weapons and spy techniques at military camps in Iran. Iran and Israel appear to be engaged in a covert war of threats, bomb attacks and assassination plots in the Caucasus, the BBC's Damien McGuinness reported recently. Recent tensions suggest that Iranian spies and agents of Israel's secret service Mossad are active in the southern Caucasus, made up of Georgia, Azerbaijan and Armenia, our Tbilisi correspondent adds. Iran says Azerbaijanis have been helping Israeli assassinations in Iran. The development of Azerbaijani oil and gas in the Caspian Sea, with major export pipelines pumping energy to Western markets, heightens the region's strategic importance.

News Article In The Metro Free Newspaper Friday March 16 2012.

Spies Set To Walk Out Over Secrecy Claims. [French]

Spies are to stage their first ever strike over the secrecy surrounding promotions. Intelligence officers claim they are being kept in the dark over a new policy to deploy admin staff into the field. 'Our members have been unhappy for several months over promotions of people not suited to their new job,' said a union spokesman. They plan to stage a sit-in at their Paris headquarters today.

How spies used Facebook to steal Nato chiefs' details

NATO'S most senior commander was at the centre of a major security alert when a series of his colleagues fell for a fake Facebook account opened in his name - apparently by Chinese spies. Senior British military officers and Ministry of Defence officials are understood to have been among those who accepted "friend requests" from the bogus account for American Admiral James Stavridis. They thought they had become genuine friends of Nato's Supreme Allied Commander - but instead every personal detail on Facebook, including private email addresses, phone numbers and pictures were able to be harvested. Nato officials are reluctant to say publicly who was behind the attack. But the Sunday Telegraph has learned that in classified briefings, military officers and diplomats were told the evidence pointed to "state-sponsored individuals in China".

Although they are unlikely to have found any genuine military secrets from the Facebook accounts they accessed, the incident is highly embarrassing. In the wake of it Nato has advised senior officers and officials to open their own social networking pages to prevent a repeat of the security breach. Admiral Stirvis - who was in charge of operations in Libya to bring about the end of Colonel Muammar Gaddafi's regime - now has an official Facebook site while the bogus one has been permanently deleted from the internet. But it opened up a treasure trove of personal information to the people behind the fake. As well as their names, people routinely put personal email addresses, dates of birth, clues about their home address and personal and family pictures online. Some even state their current location, and messages on a page's "wall" can reveal huge amounts about their beliefs and state of mind.

Although it is not known how much information was harvested, foreign intelligence agencies would be delighted to have such huge amounts of information which can be used to produce detailed profiles of potential targets for espionage or even blackmail. Senior Nato staff were warned about the fake account late last year and made representations to Facebook. It is understood that Facebook uses very sophisticated techniques to identify bogus accounts which, it says, have very different footprints to genuine Facebook users. A spokesman said: "After the profile was reported to us, it was taken down as soon as we were notified and investigated the issue."

Last night officials at SHAPE, the Supreme Headquarters Allied Powers Europe, reluctantly confirmed that its commander had been targeted. They refused to be drawn on the origin of the security breach although other senior security sources confirmed that it had been traced to China. A spokesman for SHAPE said: "This type of compromising attempts are called "Social Engineering" and has nothing to do with "hacking" or "espionage". "Discussions/chats/postings on Facebook are of course only about unclassified topics." A NATO official added: "There have been several fake supreme allied commander pages. Facebook has cooperated in taking them down. We are not aware that they are Chinese.

"The most important thing is for Facebook to get rid of them. First and foremost we want to make sure that the public is not being misinformed. Social media played a crucial role in the Libya campaign last year. "It reflected the groundswell of public opposition, but also we received a huge amount of information from social media in terms of locating Libyan regime forces. It was a real eye-opener. That is why it is important the public has trust in our social media." The so-called "spear fishing" exercise is the latest tactic in the wide ranging use of the internet to spy on key Western figures and to steal their secrets. Fears centre on the espionage operation of Chinese intelligence agencies - which are targeting not just military secrets but every aspect of western life. Among the items stolen are said to be the secrets of stealth aircraft, submarine technology, the space programme and solar energy. British institutions are equally vulnerable including Chinese hackers successful getting access to House of Commons secure computer network.

Shawn Henry, the FBI's executive assistant director in charge of targeting cyber crime said: "We see thousands of breaches every month across all industry and retail, infrastructure and across all sectors. "We know that the capabilities of foreign states are substantial and we know the type of information that they are targeting." The state-sponsored attacks are aimed at stealing information to give them an economic, political and military advantage. Some hawkish figures in the US also fear that a hostile country or terror group might launch a "cyber war" against them attempting to attack and destroy military and civil infrastructure using viruses or other electronic weapons. However most experts think this is highly unlikely.

It is similar to the so-called "Night Dragon" attacks which targeted executives of some of the world biggest oil and gas companies. The names of the firms involved have not been disclosed. Their reluctance is widespread as companies fear disclosure will damage customer confidence in them and it their share price. The attacks infiltrated the energy companies computer system and looked for how the firms operated. The attackers targeted the Western firms' public websites and specific individuals using Facebook and other social networking sites to learn about them first, and then trying to dupe them into revealing their log in names and passwords. The hackers were traced to China, to Beijing and investigators found the attacks only happened on week days between 9am and 5pm local time suggesting they were working at an office or a government facility. Security expert Dmitri Alperovich, who helped uncover the "Night Dragon" breach, says Western businesses and Government are all routinely being targeted. He said: "They will know your strategy, your price list, everything to undercut and beat you. The Chinese are using every trick in the book "They stole emails between executives about high level negotiations. They are stealing their negotiation playbook and then they outbid them. If they know your strategy they can't lose."

Last year an employee at a key US computer security firm, RSA, opened a personal email with the subject line "2011 Recruitment Plan" and clicked on the attached Excel spreadsheet. The attachment contained a virus, apparently engineered by the Chinese, which breached RSA's systems. RSA's customers include the White House, the Central Intelligence Agency, the National Security Agency, the Pentagon and the Department of Homeland Security (DHS), as well as organisations around the world. The breach meant it had to contact its customers to warn them of the security risk. Such is concern over the cyber-attacks that the DHS now sees it as a key priority along with tackling terrorism.

Bruce McConnell, its director of cyber security said: "The internet is civilian space. It is a marketplace. Like the market in Beirut in the '70s, it will sometimes be a battleground." He likened his department's job to attempts to co-ordinate the civilian response to a hurricane. But "unlike in a hurricane, we are responding to incidents every day," he added.

News Article In YNetNews.com March 20th 2012.

Freed UK reporters: Libyans thought we were Israeli spies

British journalists say their bandages had Welsh writing on them, but captors mistook it for Hebrew

Two British journalists who were released over the weekend by a Libyan militia after being detained for a month were thought to be spies because their captors confused Welsh with Hebrew, The Telegraph reported Tuesday. Nicholas Davies-Jones and Gareth Montgomery-Johnson, who were working for Iran's English-language Press TV, were detained on Feb 22 by the Swehli brigade, one of the dozens of militias which helped force out Libyan leader Muammar Gaddafi last year. Earlier this month, the Swehli militia said the Britons, initially detained for illegal entry into Libya, were suspected of spying, The Telegraph reported. However, they were transferred to the custody of the government last week. The reporters said five days after they had been detained, the militia had gone to their hotel to find footage and began looking through equipment and the archive material. "My father, who's a nurse, had given me some bandages in case we got into trouble. Some had Welsh written on and they thought this was Hebrew and we were Israeli spies," Montgomery-Johnson told BBC 5Live.

Thanks Spectre.

Robbed and ruined by a British court on the orders of the CIA... and we couldn't tell a soul: The chilling story of how secret justice cost a couple their £5m home - and £700m business

By David Rose

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<http://www.dailymail.co.uk/news/article-2126696/Robbed-ruined-British-court-orders-CIA--tell-soul-The-chilling-story-secret-justice-cost-couple-5m-home--700m-business.html>

Silent ordeal: Margaret Bentham and her husband Stuart lost their £5m home - but could not tell their friends why

Despite the years of cruel reality, Margaret Bentham still seemed incredulous as she told her story, a story she once thought she could never share.

But with quiet dignity she summed up the ordeal she and her businessman husband Stuart, a former British Army officer, have endured at the hands of the CIA. 'We were robbed of a business worth millions,' she said. 'We were plunged into financial ruin. But the worst thing was, not only were we deprived of justice, we couldn't tell a soul.'

In an exclusive interview, Mrs Bentham told The Mail on Sunday how the CIA decided a civil court case about the Afghan mobile phone company he had helped to establish was too 'sensitive' to air in public.

It used draconian legal powers to shut down the case – so destroying not only the Benthams' livelihood, but any prospect of redress after Mr Bentham alleged the company had been stolen from him.

'We lost our £5 million flat in Belgravia,' said Mrs Bentham, 50. 'We'd had a thriving telecoms business in London employing 23 people, and we lost that too. The gagging order imposed by a US court meant I couldn't even tell our friends what was wrong or Stuart could have gone to prison. It was absolutely Kafkaesque.' Even now, Mr Bentham could be extradited and jailed if he gave an interview.

The Benthams' nightmare was made possible by a US legal procedure known as the State Secrets Privilege.

But as Tory MP David Davis disclosed last month when he set out the Benthams' story in the Commons, an alarmingly similar system will soon exist in Britain, if the Coalition's current Green Paper on Justice and Security becomes law.

The public part of the court judgment that destroyed Mr Bentham's fortune is two words long: 'Case dismissed.' The reasons remain secret, while he is subject to an indefinite legal gag.

Such secret judgments have never been permitted in Britain. Under the Green Paper, they would become routine.

Last week, comments by Deputy Prime Minister Nick Clegg and a joint letter to MPs by Home Secretary Theresa May and Justice Secretary Ken Clarke together suggested that the Government is preparing a partial U-turn on the proposals.

In an apparent concession to critics, it may water down plans for secret inquests, and restrict secret hearings to a 'tiny number' involving national security.

Unfortunately, that is exactly the category responsible for the Benthams' ordeal.

'The security services are still feeding Government Ministers with misleading claims to justify abhorrent and unjust proposals,' Mr Davis said yesterday. 'They are still seeking to bolster their collapsing argument for undermining centuries of British judicial rights.'

Even if the Green Paper is changed in the way suggested last week, he added, its proposed closed hearings, secret evidence and vetted 'special advocates' would allow security agencies to cover up incompetence and embarrassment by citing national security.

As Mr Davis revealed in the Commons, that is exactly what happened with the Benthams. In their case, the embarrassment could hardly have been greater: what the use of the State Secrets Privilege did was to conceal evidence of a massive CIA failure that stymied a real possibility of preventing the 9/11 attacks.

The background to the alleged fraud against Mr Bentham, 63, and his business partner Lord Michael Cecil, 52, a brother of the Marquess of Salisbury, goes back to 1998, when they went into business with Ehsanollah Bayat.

Mr Davis described him in the Commons as 'a Kabul-born American citizen on friendly terms with the highest echelons of the Taliban government and particularly its leader, Mullah Omar'.

Mr Bayat had the connections to acquire the licence to build Afghanistan's first mobile phone, internet and international call system – Mr Bentham and Lord Michael the business expertise.

But, as Mr Davis said, Mr Bayat had a secret: he was an informant for the FBI, the main US domestic counter- terrorism force. The link made an opening for Operation Foxden, a scheme the FBI planned to run jointly with the National Security Agency (NSA), the US electronic eavesdropping organisation.

The NSA offered \$30 million and technical assistance, said Mr Davis. The plan was to build extra circuits into all the equipment installed, enabling the US to 'record or listen live to every single landline and mobile phone call in Afghanistan' and 'monitor the telephone gateways channelling international calls in and out of the country – gateways already being used by Bin Laden, Mullah Omar and their associates, thanks to the satellite phones given by Mr Bayat to Taliban ministers as gifts'.

Spy games: The US National Security Agency wanted Mr Bayat's firm, to tap Afghanistan's phone network which was being used by Osama bin Laden

By the beginning of 2000, after all the main partners had made several visits to Afghanistan, the project was at an advanced stage, and could have been fully functional within months – 18 months or more before 9/11.

Recently, Mr Bayat has claimed he never had connections with US security agencies or the pre-9/11 Taliban government. But Mrs Bentham said that in the Nineties he seemed to make no secret of such links.

'I remember one time when we flew in to Newark, New Jersey, and Bayat met us off the plane,' she said. 'He was with two FBI agents. We went to their office. Then they took me to the station so I could go shopping in New York while they had their meeting.'

But just as the project seemed to be on the brink of coming to fruition, it was wrecked by what Mr Davis termed a 'turf war' between the FBI and NSA on one side, and the CIA, which wanted to control it.

The consequence, as the agencies bickered in Washington, was that nothing happened for 20 months. By the time these bureaucratic obstacles had been cleared, it was too late.

A meeting to get the scheme going again, attended by Mr Bentham and Lord Michael, took place in New York in a hotel overlooking the World Trade Centre on September 8, 2001 – three days before the attacks.

Mr Davis commented: 'Of course, we cannot say for certain that if US intelligence agencies had managed to tap the Afghan phone network sooner, we would have intercepted evidence in time to stop the 9/11 attacks, but it seems quite likely.'

After 9/11, the Taliban were toppled by US-led forces. Very soon after that, Lord Michael, Mr Bentham and their colleagues, working with Mr Bayat's company Telephone Systems International (TSI), installed the very network that had been planned two years earlier. The Britons ordered and paid for most of the equipment and ran the project out of London.

Once operational in April 2002, the firm became a licence to print money and is now said to be worth about £700 million.

The Mail on Sunday has copies of official US documents, signed by Mr Bayat in May 2002, stating that Mr Bentham and Lord Michael each were entitled to 15 per cent of the shares; their holdings, in other words, should now each be worth more than £100 million.

Instead, said Mrs Bentham, she and her husband are in straitened circumstances, and live in a rented house, dependent for holidays on hospitable friends.

'We were living a very comfortable life. And then it changed completely. We had no idea what we were dealing with, and the terrifying thing is what happened to us could happen to anyone.'

Home Secretary Theresa May and Justice Secretary Ken Clarke together suggested that the Government is preparing a partial U-turn on the proposals to hold more trials in secret

In the autumn of 2002, having offered to buy out Mr Bentham and Lord Michael for a 'derisory' sum that did not even cover the cost of the equipment they bought, Mr Bayat sued them for 'deceit and conspiracy', and, simultaneously, simply denied they had any legal entitlement to shares in TSI.

They had copious documentation, and, their lawyers believed, a cast-iron case. But as Mr Davis told MPs, this was no ordinary commercial squabble: 'The US intelligence agencies feared the consequences if the truth about their infighting emerged and they were determined to stop that truth from emerging.'

First, they offered Bayat \$1 million for his legal fight – part of a more general plan to exclude British citizens and British agencies from the ongoing phone intelligence operation. Then, when the Britons' lawyers refused to back down, 'CIA officers threatened them, warning the whole case would be shut down if they continued'.

Finally, in November 2004, came the use of the State Secrets Privilege. The effect was not only to close down the case immediately, but to expunge all trace from court records.

Lord Michael and Mr Bentham were subject to a gagging order so severe that when they tried to reopen the case in London, they were forbidden on pain of contempt of court from discussing any aspect of the intelligence background with their own lawyers.

Although there were hearings in London, which the Britons lost for technical legal reasons, the British courts had little idea of what had actually happened. 'The State Secrets Privilege meant that the US agencies were restricting what could be said in court in England,' Mrs Bentham said.

'I couldn't speak to friends, and I felt pretty sure our phone calls and emails were being monitored. Meanwhile, legal fees meant we were facing a colossal drain on our cash. Imagine: you have to sell your home, but you can't tell anyone why.

'So we just stopped going out socially, because people would ask, "How are things?" and we couldn't even begin to answer. It's only now, after the parliamentary debate, that at last people know.'

The worst moment, she recalled, was when the State Secrets Privilege was deployed. 'They showed the judge some kind of statement that we couldn't see, and he shut down the case next day for reasons we weren't allowed to read. And that's the kind of thing that's going to happen here if the Green Paper becomes law.'

Later, she said, the Benthams' American lawyers asked a US judge whether their British lawyers could see the secret judgment and gagging order in strict confidentiality, so that at least they could advise them whether they should try to pursue the case in London. The judge refused.

They also tried to get the State Secrets Privilege reversed in a federal US appeals court. They lost again – and the appeal court's 17-page decision is also strictly secret.

Mrs Bentham said: 'The lesson is that the US legal system is perfectly willing to condone the theft of our assets. What gets me is that one of the main reasons the British Government has justified the Green Paper is to protect American secrets.'

At the end of the Commons debate, Foreign Office Minister Jeremy Browne gave the Benthams a glimmer of hope. He said the Prime Minister had been aware of their plight for months and would in due course respond to their representations.

Meanwhile, Mr Davis said the case highlighted a fundamental inequality between Britain and the US: that American agencies could apparently dictate what British citizens could talk about in British courts – even the very use of the State Secrets Privilege which had enabled such secrecy in the first place.

'It's just not good enough to say that restricting the Green Paper proposals to national security cases will make them less obnoxious,' Mr Davis said yesterday.

'Once you let security trump the rule of law, injustice such as this is inevitable.'

<http://www.dailymail.co.uk/news/article-2126696/Robbed-ruined-British-court-orders-CIA--tell-soul-The-chilling-story-secret-justice-cost-couple-5m-home--700m-business.html>

The Times and The Sunday Times (Times Newspapers Limited.)

Friday, April 13, 2012, 02:12 PM

Scotland yard anti-terror line hacked and conversations put online

Fiona Hamilton Crime Correspondent

Two teenagers were last night arrested by police investigating the recording of a sensitive conversation between counter-terrorism officers by hackers which was placed online in an apparent breach of Scotland Yard's security. The force began an investigation yesterday after recordings of conversations from its confidential anti-terrorist hotline were placed on YouTube. Most consisted of prank calls made by the so-called Team Poison hacking collective during a 24-hour "phone bombing" campaign, which jammed the hotline and prevented genuine callers from getting through. But one recording, of a conversation between officials on what appeared to be an internal phone call, raised serious security concerns. In it an officer, who appears to be carrying out Wednesday night's handover, details an incident relating to a "suspicious" device that was found in North London.

He says that there is a "historic but tenuous" link to the IRA and that officers have attended to examine and remove the device. The officer complains that Team Poison activists have bombarded the hotline with more than 700 calls in two nights. He says: "One of the conversations I had last night was leaked on YouTube. Everyone else calling was effectively shut out and could not get through at all." Last night the two boys, aged 16 and 17, were arrested in the West Midlands on suspicion of offences under the Malicious Communications Act and the Computer Misuse Act. The attack is the latest in a series of embarrassing security breaches and comes after the "hacktivist" group Anonymous brought down the official Home Office website last Saturday. In February, the Metropolitan Police denied that its security had been breached after.

Anonymous hackers released a recording of a conference call between its officers and the FBI. A spokesman for Team Poison, who called himself Trick and appeared on Sky TV wearing a bandana over his face, claimed that it was "easy" to bypass the force's security as its phone system was so outdated. He claimed to be able to access sensitive communications systems at anytime, and said: "[We're] pretty much showing MI6 that they are pretty much jokes." The activist, who had an American accent, seemed to confuse the Secret Intelligence Service with SO15, Scotland Yard's counter-terrorism command, which runs the public hotline for tip-offs about suspicious activity. The Metropolitan Police said that the intrusion had occurred on a single handset and its systems were secure.

It denied Team Poison's claims that it could routinely listen into phone calls. Ailsa Beaton, director of information, said in a statement: "We are confident the communication systems have not been breached and remain, as they always have been, secure. We are satisfied that any recording would have been made via the receiving handset only and not from an attack on internal systems."

A spokeswoman refused to outline how Team Poison had accessed the Met's communications but confirmed that the counter-terrorism conversation was not a hoax. Trick earlier told the Softpedia news website that the phone-bombing attack on the hotline was a response to the decision to extradite a number of Muslim terrorism suspects to face trial in the United States. They include Babar Ahmad, who has been held without trial in Britain since 2004 and is accused in the US of supporting Chechen and Afghan insurgents. In one call posted online, a caller describes the group's philosophy as "knowledge is power"

The Times and The Sunday Times (Times Newspapers Limited.)

Two scumbags aged 16 and 17 years have been arrested in Birmingham, the 17 year old has been charged accordingly whilst the 16yo has been turned over to the care of his parent(s). That charged is said to be 'Trick' and has been remanded.

Iran says is building copy of captured US drone

ALI AKBAR DAREINI

The Associated Press

http://www.philly.com/philly/wires/ap/news/nation_world/20120422_ap_iransaysisbuildingcopyofcapturedusdrone.html?ref=more-like-this

TEHRAN, Iran - Iran claimed Sunday that it had recovered data from an American spy drone that went down in Iran last year including that it was used to spy on Osama bin Laden's house weeks before he was killed by U.S. forces. Iran also said it was building a copy of the surveillance aircraft.

This type of drone has been used in Afghanistan for years and was used to keep watch on bin Laden's compound in Pakistan but U.S. officials have said little about the history of the particular drone now in Iran's possession. Iran has also been known to exaggerate its military or technological prowess.

Tehran says it brought down the RQ-170 Sentinel, a top-secret surveillance drone with stealth technology, and has flaunted the capture as a victory for Iran and a defeat for the United States. The U.S. says the drone malfunctioned and downplayed any suggestion that Iran could mine the aircraft for sensitive information because of measures taken to limit the intelligence value of drones operating over hostile territory.

The drone went down last December in eastern Iran and was recovered by Iran almost completely intact. After initially saying only that it had lost a drone operating near the Afghan-Iran border, U.S. officials eventually confirmed the drone was monitoring Iran's military and nuclear facilities.

Washington has asked for it back, a request Iran rejected.

The chief of the aerospace division of the powerful Revolutionary Guards, Gen. Amir Ali Hajizadeh, told state television that the captured surveillance drone is a "national asset" for Iran and that he could not reveal full technical details.

But he did provide some samples of the data that he claimed Iranian experts had recovered from the aircraft, state television reported.

"There is almost no part hidden to us in this aircraft. We recovered part of the data that had been erased. There were many codes and characters. But we deciphered them by the grace of God," Hajizadeh said.

Among the drone's past missions, he said, was surveillance of the compound in northwest Pakistan in which bin Laden lived and was killed. Hajizadeh claimed the drone flew over bin Laden's compound two weeks before the al-Qaida leader was killed there in May 2011 by U.S. Navy SEALs.

He also listed a litany of tests and maintenance that the drone had undergone, all of which he said had been recorded in the aircraft's memory. According to Hajizadeh, the drone was taken to California on Oct. 16, 2010 for "technical work" and then to Kandahar, Afghanistan on Nov. 18, 2010. He said it carried out flights from Afghanistan but ran into some problems that U.S. experts were unable to fix. Then the drone was taken to Los Angeles in December 2010 where the aircraft's sensors underwent testing, Hajizadeh said.

"If we had not achieved access to software and hardware of this aircraft, we would be unable to get these details. Our experts are fully dominant over sections and programs of this plane," he said.

Hajizadeh said he provided the details to prove to the Americans "how far we've penetrated into this aircraft."

The U.S. Defense Department said it does not discuss intelligence matters and would not comment on the Iranian claims.

The semi-official Mehr news agency said Iran had reverse-engineered the aircraft and has begun using that knowledge to build a copy of the drone.

Sen. Joe Lieberman, an independent from Connecticut who chairs the Senate Homeland Security and Governmental Affairs Committee said on "Fox News Sunday" that he views the reports with skepticism.

"There is a history here of Iranian bluster, particularly, now when they are on the defensive because of the economic sanctions against them. Look, it was not good for the U.S. when the drone went down in Iran and not good when the Iranians grabbed it. I don't have confidence at this point that they are really able to make a copy of it," Lieberman said.

Iran has gone a long way in reverse-engineering some key technologies in the past three decades, particularly in the areas of nuclear and missile technology.

Iran's famous Shahab-3 missile, first displayed in 1998, is believed to be based on North Korea's Nodong-1 design. Iran obtained its first centrifuge from Pakistan in 1986 and later reverse engineered it to develop its now advanced uranium enrichment program.

Centrifuges, which purify uranium gas, are the central component of a process that can make fuel for power plants or, at higher levels of processing, weapons.

However, unlike the situation with the drone, the Iranian government usually touts these achievements as the result of an indigenous, home-grown research.

One area where there is concern is whether Iran or other states could reverse-engineer the chemical composition of the drone's radar-deflecting paint or the aircraft's sophisticated optics technology that allows operators to positively identify terror suspects from tens of thousands of feet in the air.

How much data there is on the drone is another question. Some surveillance technologies allow video to stream through to operators on the ground but do not store much collected data. If they do, it is encrypted.

Media reports claimed this week that Russia and China have asked Tehran to provide them with information on the drone but Iran's Defense Ministry denied this.

http://www.philly.com/philly/wires/ap/news/nation_world/20120422_ap_iransaysisbuildingcopyofcapturedusdrone.html?ref=more-like-this

Iran says it has taken data from U.S. drone

By Ali Akbar Dareini

Associated Press

http://www.philly.com/philly/news/nation_world/148464275.html

TEHRAN, Iran - Iran claimed Sunday that it had recovered data from an American spy drone that went down in Iran last year, including information that the aircraft was used to spy on Osama bin Laden weeks before he was killed. Iran also said it was building a copy of the drone.

Similar unmanned surveillance planes have been used in Afghanistan for years and kept watch on bin Laden's compound in Pakistan. But U.S. officials have said little about the history of the particular aircraft now in Iran's possession.

Tehran, which has also been known to exaggerate its military and technological prowess, said it brought down the RQ-170 Sentinel, a top-secret drone equipped with stealth technology, and flaunted the capture as a victory for Iran and a defeat for the United States.

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He acknowledged that it was "not good for the U.S. when the drone went down in Iran and not good when the Iranians grabbed it." But he said he did not "have confidence at this point that they are really able to make a copy of it."

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http://www.philly.com/philly/news/nation_world/148464275.html

Log Addenda

E06 log April

Thurs 5th	20:30	5186	'891' 902 15 76546 78675 54345 54678 98076.....76754
Friday 6th	05:00	13530	'951' 674 102 67813 89293 34882 16924 39120.....89351
	21:30	5197	'315' 672 15 90345 67845 36987 23467 87654.....25464
Sat 7th	00:30	6918	'759' 814 32 96453 07522 78129 03616 98889.....93608
Weds 11th	19:20	4615	'154' 00000
	20:20	3704	'154' 00000
Sat 14th	00:30	6918	'759' 302 41 72032 81918 44929 73224 32596.....72295
Thurs 19th	06:00	14910	'951' 674 102 67813 89293 34882 16924 39120.....89351
	20:30	5186	'891' 902 15 76546 78675 54345 54678 98076.....76754
Friday 20th	21:30	5197	'579' 476 15 14325 67895 09876 45678 34562.....67895
Sat 21st	00:30	6918	'759' 801 34 05360 48126 30248 01123 39397.....03130
Sat 28th	00:30	6918	'759' 168 34 54160 81095 86331 21988 55980.....79350

E07 log April

Weds 4th	17:00	12123	'171' 1 517 95 19742 58665 59911 61392.....
	19:00	12108	'172' 000
Weds 11th	19:00	12108	'172' 000
Thurs 12th	20:10	9387	'358' 1 240 65 35336 95724 11604 98736.....
Sun 15th	17:00	12123	'171' 1 578 60 70384 84310 67403 94572.....27242
Weds 18th	17:20	10703	'171' 1 578 60 70384 84310 67403 94572.....27242
Thurs 19th	20:10	9387	'358' 1 742 67 58819 89591 30975 05466.....95265
Sun 22nd	17:00	12123	'171' 1 453 139 21971 87507 79912 02153.....66530
Weds 25th	19:00	12108	'172' 000

E07a

Weds 4th	20:40	5773	'147' 1 36562 416 49 44021 45000 27277 34239.....27480
Sat 7th	08:00	12218	'244' 1 66865 156 81 33179 64264 94776.....08041
	08:20	13418	'244' 1 66865 156 81 33179 64264 94776.....08041
	08:40	14418	'244' 1 66865 156 81 33179 64264 94776.....08041
Sat 14th	08:00	12218	'244' 000
Weds 18th	20:00	8173	'147' 1 11512 362 61 81275 22672 21295 5826 77208.....78682
Sat 21st	08:00	12218	'244' 000
Weds 25th	20:00	8173	'147' 000
Sat 28th	08:00	12218	'244' 000
	08:20	13418	'244' 000

G06 log April

Mon 9th	17:00	4639	'154' 00000
	18:00	5378	'154' 00000
Thurs 12th	18:30	5934	'579' 476 15 14325 67895 09876 45678 34562.....67895
Friday 13th	19:30	5442	'947' 368 15 23456 78965 08976 56473 23451.....56758
Mon 23rd	08:00	6774	'215' 00000
Thurs 26th	18:30	5934	'579' 476 15 14325 67895 09876 45678 34562.....67895

SK01

Not much to report this time around, only 1 file <1024 bytes in size and this was carried over from February. All the 1024 byte files copied were the same apparently random format as reported last month. Unfortunately, many of the transmissions have suffered from very poor modulation making decoding impossible. For example the 1600z transmission on 6768kHz although transmitted was not decoded once in the past two months. When reporting SK01 transmissions it would be helpful if people could indicate the length of the data transmission. For those who haven't heard one the preamble is a series of tones followed by a burst of digital noise. A 1024 byte file transmission takes 32 approximately seconds for example.

SK01 8180kHz 0915z 3/1 sent 62323873.txt 1024 bytes
SK01 5930kHz 0936z 3/1 sent 62323873.txt 1024 bytes
SK01 5898kHz 0539z 3/3 sent 45684702.txt 288 bytes
SK01 9063kHz 0945z 5/3 sent 55785736.txt 1024 bytes
SK01 5930kHz 0930z 6/3 sent 61535647.txt 1024 bytes at 5 minute intervals
SK01 5898kHz 0650z 7/3 sent 82538258.txt 1024 bytes
SK01 5800kHz 0700z 7/3 sent 82538258.txt 1024 bytes at 5 minute intervals
SK01 9063kHz 0600z 14/3 sent 52823248.txt 1024 bytes at 5 minute intervals
SK01 9063kHz 0600z 21/3 sent 82538258.txt 1024 bytes at 5 minute intervals
SK01 5930kHz 0930z 22/3 sent 62323873.txt 1024 bytes at 5 minute intervals
SK01 5930kHz 0930z 31/3 sent 38367263.txt 1024 bytes at 5 minute intervals
SK01 5930kHz 0930z 3/4 sent 61535647.txt 1024 bytes at 5 minute intervals
SK01 5930kHz 0930z 7/4 sent 71363644.txt 1024 bytes at 5 minute intervals
SK01 5930kHz 0930z 10/4 sent 71363644.txt 1024 bytes at 5 minute intervals
SK01 5800kHz 0700z 11/4 sent 62323873.txt 1024 bytes at 5 minute intervals switched to sending 84254711.txt at 5 minute intervals after 0730
SK01 5930kHz 0930z 12/4 sent 67376372.txt 1024 bytes at 5 minute intervals
SK01 5800kHz 0930z 17/4 sent 62323873.txt 1024 bytes at 5 minute intervals
SK01 5800kHz 0930z 21/4 sent 61535647.txt 1024 bytes at 5 minute intervals

SK01 5800kHz 0700z 25/4 sent 82538258.txt 1024 bytes at 5 minute intervals
SK01 5930kHz 0930z 28/4 sent 61535647.txt 1024 bytes at 5 minute intervals
SK01 9063kHz 0630z 29/4 sent 11222144.txt 1024 bytes at 5 minute intervals

V21

The Babbler was present a few times during April but was very weak except for the beginning of the transmission on 4/4 but even this was hard to copy.

V21 6529kHz 1300z 4/4 SS/OM counting up to 50 pausing every 10 numbers. TX continued for a further 10 minutes but was too weak to copy
V21 5637kHz 1300z 10/4 SS/OM Too weak to copy
V21 5637kHz 1300z 12/4 SS/OM Too weak to copy
V21 5637kHz 1300z 13/4 SS/OM Too weak to copy
V21 5637kHz 1300z 21/4 SS/OM Too weak to copy

Chart Section Index

1. Logging Abbreviations Explained
2. European Number Systems
3. Prediction Chart, May 2012
4. M01, M01b and M45 Schedules
5. M12, March and April 2012
6. Family 1a History and predictions
7. Family 1b [E07]
8. Family III
9. G06
10. S06s Regular Schedule
11. Cuban Schedules, March and April 2012
12. XPA Polytone Schedules, March and April 2012

Logging Abbreviations explained.

The ENIGMA 2000 Standard logging should take this form without any personalised abbreviations:

E07 10436kHz 1740z 07/06[414 1 563 102 92632 ... 09526 0 0 0 0 0 0] 1753z Fair QRM2 QSB2 PLdn SUN

Station: E07 [Traits of stations in ENIGMA Control List]

Freq: kHz [As above 10436kHz]

Time: z [Always 24hour clock, 'z' states GMT/UTC]

Date: day/month [As above 7th June]

Msg detail: Varies with station

ID taken from 100kHz fig in freqs: 414 [freqs used in this schedule were 13468, 12141 and 10436kHz]

Msg count 1

Dk [decode key]: 563

Gc [group count]: 102

First group of msg: 92632

Text between grps: ...

Last group: 09526 [where more than one group is stated the use of LG ahead group indicates 'Last Group.']

Ending: 0 0 0 0 0 0

Time msg ends: 1753z

Received signal strength assessment: Fair

Noise QRM2

Fading to signal QSB2

Monitor: PLdn

Day heard: SUN

Unknown: unk

Repeat: R [which can be expanded to mean]:

Repeated : R5m [repeated 5 mins]; R5s[repeated 5seconds], R5x [Repeated 5 times]

Received signal strength assessment.

Some receivers possess 'S' meters that give a derived indication of signal strength caused by changes within that receiver. Calibration may, or may not be accurate and the scale, may or may not, be the same as that on other receivers. Some receivers have no meter yet produce acceptable results.

Therefore we prefer the quality of the signal to be assessed by the particular monitor.

Guidance for this can be sought from the Q code:

QSA What is the strength of my signals (or those of...)?

The strength of your signals (or those of...) is...

1) scarcely perceptible.

2) weak.

3) fairly good.

4) good.

5) very good.

[QSA1 S0 to S1; QSA2 S1 to S3; QSA3 S3 to S6; QSA4 S6 to S9; QSA4 S9 and above]

Sooner than put a numerical value we state: Very Weak, Weak, Fair, Strong or Very Strong.

Noise, Static and Fading.

Again guidance from the Q code:

Noise:

QRM Are you being interfered with?

I am being interfered with

1) nil

2) slightly

3) moderately

4) severely

5) extremely.

Note: in the sample the monitor has stated QRM2 which means 'slight noise'; had the interference been from a broadcast station you might have read 'BC QRM2' and so on.

Static [Lightning and other atmospheric disturbance]:

QRN Are you troubled by static?
I am troubled by static
1) nil
2) slightly
3) moderately
4) severely
5) extremely.

Fading [Propagational disturbance]

QSB Are my signals fading?
Your signals are fading
1) nil
2) slightly
3) moderately
4) severely
5) extremely.

Note: in the sample the monitor has stated QSB2 which means 'slight fading' where the received signal obviously fades but the message is still intelligible.

The use of QRM1, QRN1 and QSB1 is not expected; if there is no such aberration to the signal it need not be stated.

Day Abbreviation

Self explanatory: SUN, MON, TUE, WED, THU, FRI, SAT

Mode used in transmission

Generally the mode of transmission is not stated, being available in the ENIGMA Control List. Should the expected mode change then this can be stated as: CW [Carrier Wave] MCW [Modulated Carrier Wave] ICW [Interrupted Carrier Wave] generally associated with Morse transmission; AM [Amplitude Modulation], LSB [Lower Sideband], USB [Upper Sideband] generally associated with Voice transmission.

Languages used

The ident of a station generally states the language in use, E [English], G [German] S [Slavic], V [All other languages].

Non voice stations

M [Morse and TTY] SK [Digital modes] X [Other modes]

Ideally we would like to see logs offered in our standard format allowing the editorial staff to process the results quickly rather than having to manually re-format. Anyone submitting logs should refrain from using their own abbreviations or shortening our abbreviations eg. Su Mo Tu etc.

See a correct example below which is now self explanatory:

V02a 5883kHz 0700z 06/06[A63752 57781 31521] Fair QRN2 end uk PLdn SAT

And the incorrect version:

V2a 5883k 07:00 06/06/2009 A/63752- 57781- 31521 S3 PLdn SA

Additional Info:

Own station idents should not be used.

When an unidentifiable station is submitted please supply the obvious details:

Freq. Time start and end, Date, Message content, particularly preamble and message content and ending. Language details are helpful, particularly any strange pronunciations.

Other details about stations can be found in the ENIGMA Control List available from Group files or sent when you joined.

European Number Systems

English	zero	one	two	three	four	five	six	seven	eight	nine
Bulgarian	nul	edín	dva	tri	chétiri	pet	shest	sédem	ósem	dévet
French	zero	un	deux	trois	quatre	cinq	six	sept	huit	neuf
German [^]	null	eins	zwei	drei	vier	fünf	sechs	sieben	acht	neun
Spanish	cero	uno	dos	tres	cuatro	cinco	seis	siete	ocho	nueve
Czech	nula	jeden	dva	tr [^] i	chtyr [^] i	pět	shest	sedm	osm	devět
Polish	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*]

	S11a Cherta	<i>S11 Kreska</i>	Actual Polish[S11]	<i>S10d</i>	<i>S17c</i>
0	nul	zero	zero	Nula*	Nula*
1	adinka	yezinka	jedynka	Jeden [^]	Jeden [^]
2	dvoyka	dvonta	dwójka	dva	dva
3	troyka	troika	trójka	tri ‘	tri ‘
4	chetyorka	chidiri	cztery	shytri	shytri
5	petyorka	peyonta	piątka	pyet	pyet
6	shest	shes	sześć	shest	shest
7	syem	sedm	siedem	sedoom	sedoom
8	vosyem	osem	osiem	Osoom~	Osoom~
9	dyevyet	prunka	dziewięć	devyet	devyet

Notes: * Nula heard as nul

[^] Jeden heard as yedinar

‘ Tri heard as ‘she’

~ Osoom often heard as bosoom or vosoom.

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	May kHz, ID, ...	Jun kHz, ID, ...	General Remarks
					x	x	0030/0130		E06	01A	8099/ 6949 759	8142/ 7608 759	
	x		x				0340/0400/0420		M12	01B	8173/ 9173/10173 111	8173/ 9173/10173 111	
			x				0430/0450/0510		E07A	01B	7437/ 8137/ 9137 411	7437/ 8137/ 9137 411	
x							0450		E11	03	10800 416/00	10800 416/00	since 02/10, last log 02/12
			x	x			0500/0600		E06	01A	14460/16170 460	14710/16240 348	
		x					0530/0540		S06S	01A	11435,12650 153	11435,12650 153	
x		x					0540/0600/0620		XPA	01B	9287/10487/11487	10173/11073/12173	
x							0600/0610		S06S	01A	16735/15230 438	16735/15230 438	
				x			0600/0610		S06S	01A	8340/ 5810 934	8340/ 5810 934	
				x			0600/0610		S06S	01A	7845/ 9125 196	7845/ 9125 196	
x		x					0645		E11	03	13424 517/00	13424 517/00	since 07/09, last log 04/12
						x	0700		M01	14	6780 025	6780 025	
x							0700/0710 (15)		S06S	01A	5430/ 6780 374	5430/ 6780 374	
x				x			0710		E11	03	14753 633/00	14753 633/00	since 02/11, last log 04/12
		x					0730/0740		S06S	01A	7335/11830 745	7335/11830 745	
x		x					0745		E11	03	335/00, search	335/00, search	since 10/11, last log 04/12
			x				0800		E17Z	01A	16780/12850/ 674	16780/12850/ 674	
x							0800		G06	01A	6948 215	6948 215	since 07/10, last log 04/12
	x						0800/0810		S06S	01A	14373/12935 352	14373/12935 352	
x			x				0820		E11	03	6280 438/00	6280 438/00	since 10/09, last log 03/12
				x		x	0820		M03	03	6524 761/00	6524 761/00	since 11/10, last log 01/12
		x					0820/0830		S06S	01A	6755/ 5835 471	6755/ 5835 471	
x			x				0830		E11	03	12924 649/00	12924 649/00	since 01/10, last log 04/12
			x				0840/0850		S06S	01A	10120/ 9670 328	10120/ 9670 328	
x		x					0900		E11	03	13427 534/00	13427 534/00	since 10/09, last log 04/12
			x		x		0900		E11	03	4909 248/00	4909 248/00	since 02/10, last log 04/12
			x				0900/0910		S06S	01A	12952/13565 167	12952/13565 167	
x				x			0915		S11A	03	8530 484/00	8530 484/00	since 01/10, last log 04/12
		x	x				0930		E11	03	10210 270/00	10210 270/00	since 02/10, last log 01/12
				x			0930/0940		S06S	01A	10290/ 9655 516	10290/ 9655 516	
x			x				0940		G11	03	6986 275/00	6986 275/00	since 01/10, last log 04/12
	x						1000/1010		S06S	01A	6410/ 7340 893	893, search	
		x					1000/1010		S06S	01A	14580/16020 729	14580/16020 729	
x			x				1015		S11A	03	16530 475/00	16530 475/00	since 04/10, last log 04/12
	x			x			1020		S11A	03	11581 426/00	11581 426/00	since 02/10, last log 04/12
		x			x		1020		S11A	03	5815 221/00	5815 221/00	since 01/09, last log 02/12
	x	x					1045		E11	03	9610 469/00	9610 469/00	since 03/10, last log 04/12
x						x	1045/1050		E11	03	3815 127/00	3815 127/00	since 01/10, last log 01/12
	x	x	x				1115		M03	03	7837 272/00 (Tue) & 650/00 (Wed/Thu)	7837 272/00 (Tue) & 650/00 (Wed/Thu)	since 10/09, last log 03/12
						x	1120/1220	2	E06	01A	154, search	154, search	yearly changing Ids and frequencies
	x				x		1135/1140		M03	03	6524 786/00	6524 786/00	since 02/10, last log 11/11
		x	x			x	1155		E11	03	16335 718/00	16335 718/00	since 04/11, last log 04/12
		x					1200		G06	01A	154, search	154, search	since 01/11, last log 02/12 yearly changing id
			x				1200		G06	01A	215, search	215, search	since 09/11, last log 10/11

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	May kHz, ID, ...	Jun kHz, ID, ...	General Remarks
x							1200/1210		S06S	01A	10230/12165 831	10230/12165 831	
		x					1200/1210		S06S	01A	7765/ 6815 481	7765/ 6815 481	
			x				1200/1210		S06S	01A	12155/14535 425	12155/14535 425	
					x		1200/1210	1	S06S	01A	12460/ 254, search	12460/ 254, search	
x							1230/1240		S06S	01A	7650/ 6125 278	7650/ 6125 278	
		x					1230/1240		S06S	01A	7545/ 8220 967	7545/ 8220 967	
			x				1230/1240		S06S	01A	9255/ 7630 314	9255/ 7630 314	
x						x	1240		E11	03	6252 349/00	6252 349/00	since 08/09, last log 01/12
		x					1300		G06	01A	154, search	154, search	since 10/11, last log 02/12 yearly changing id
			x				1300		G06	01A	215, search	215, search	since 09/11, last log 10/11
					s		1310/1330/1350		M12	01B	13926/12126/ 919, search	13873/13373/11473 834	
			x			x	1320		M03	03	7837 437/00	7837 437/00	since 02/11, last log 03/12
				x	x		1325		G11	03	5815 299/00	5815 299/00	since 03/10, last log 04/12
x						x	1355		S11A	03	4909 254/00	4909 254/00	since 01/11, last log 02/12
x					x		1400		E11	03	98#/00, search	98#/00, search	since 10/11, last log 04/12
			x				1400/1410		S06S	01A	5320/ 4845 624	5320/ 4845 624	
x							1400/1420/1440		XPA	01B	11467/10367/ 9167	12167/11067/10267	
		x			x		1445		E11	03	4909 287/00	4909 287/00	since 01/10, last log 04/12
					x		1500		M01	14	6434 025	6434 025	
		x					1500/1520/1540		M12	01B	14492/13392/11092 344	14964/13372/12164 555	
x							1500/1510		S06S	01A	6666/ 7744 537	6666/ 7744 537	
				x			1515		M01B	14	5810 158	5810 158	
		x					1505		M01B	14	5938 159	5938 159	
x				x	x		1535		M03	03	6524 798/00	6524 798/00	since 11/10, last log 04/12
x						x	1540		E11	03	16335 228/00	16335 228/00	since 03/11, last log 03/12
x			x				1600		E11	03	12153 64#/00	12153 64#/00	since 03/11, last log 02/12
					x		1600 (1605)		S06	01A	8157/ 6983 134	8157/ 6983 134	changing IDs
x							1600/1610		S06S	01A	9256/ 7889 176	9256/ 7889 176	
		x					1600/1620/1640		M12	01B	12162/11561/10711 546	12162/11561/10711 546	
				x			1600/1620/1640		M12	01B	10343/ 9264/ 8116 124	10343/ 9264/ 8116 124	
x							1700	1/2	G06	01A	154, search	154, search	since 04/10, last log 02/12 yearly changing id
x			x				1700/1720/1740		M12	01B	9176/ 7931/ 6904 257	9176/ 7931/ 6904 257	
		x					1700/1720/1740		M12	01B	8047/ 6802/ 5788 463	8047/ 6802/ 5788 463	
		x				x	1700/1720/1740		E07	01B	13388/12088/10188 301	13468/12141/10436 414	
			x				1700/1720/1740		M12	01B	10343/ 9264/ 8116 124	10343/ 9264/ 8116 124	
x		x					1702		M45	14	5074, 5474 074	5074, 5474 074	
			x				1730		E11	03	8088 416/00	8088 416/00	since 03/10, last log 04/12
x		x					1730/1750/1810		XPA	01B	10438/ 9938/ 9138	10438/ 9938/ 9138	
x		x					1742		S21	14	4973, 5373 973	4973, 5373 973	
x						x	1755		G11	03	5815 270/00	5815 270/00	since 02/10, last log 04/12
x							1800	1/2	G06	01A	154, search	154, search	since 05/09, last log 04/12 yearly changing id
	x		x				1800		M01	14	5280 025	5280 025	
	x						1800		S06	01A			
x							1800/1820/1840		M12	01B	9176/ 7931/ 6904 257	9176/ 7931/ 6904 257	

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	May kHz, ID, ...	Jun kHz, ID, ...	General Remarks
			x	x			1800/1820/1840		M12	01B	10343/ 9264/ 8116 124	10343/ 9264/ 8116 124	
x							1810		M01B	14	5125, 5735 364	5125, 5735 364	
	x						1820		M14	01A	6856 163	6856 163	
			x				1830	2/4	G06	01A	6887 842	6887 842	since 05/01, last log 03/12
x							1830/1850/1910		M12	01B	10343/ 9264/ 8116 124	10343/ 9264/ 8116 124	
		x					1830/1850/1910		M12	01B	11435/10598/ 9327 938	11435/10598/ 9327 938	
			x				1832		M01B	14	5095, 5760 815	5095, 5760 815	
				x			1855		E11	03	262/00, search	262/00, search	since 09/11, last log 12/11
x			x				1900 (1905)		S06	01A	7982/ 6984 349	7982/ 6984 349	changing IDs
		x					1900/1910		S06S	01A	10170/ 9110 371	10170/ 9110 371	
x		x					1900/1920/1940		E07	01B	14812/13412/11512 845	15824/14624/13524 865	
x			x				1900/1920/1940		M12	01B	9176/ 7931/ 6904 257	9176/ 7931/ 6904 257	
				x	x		1900/2000	1/3	M14	01A	9060/ 8180 724, search	9060/ 8180 724, search	
					x		1900/2000	1/3	S06	01A	416, search	416, search	
					x		1900/2000	1/3	S06	01A	314, search	314, search	
				x			1902		M01B	14	5075, 5465 336	5075, 5465 336	
x							1915		M01B	14	5150, 5475 858	5150, 5475 858	
		x					1920/2020	2	E06	01A	154, search	154, search	yearly changing Ids and frequencies
		x					1920	2/4	M14	01A	5932 417	5932 417	
				x			1930	2/4	G06	01A	5943 218	5943 218	since 04/01, last log 04/12 rpt of Thu 1830Z
					x		1930 (1935)		S06	01A	843, search	843, search	changing IDs
			x				1942		M01B	14	5065, 5805 936	5065, 5805 936	
				x		x	2000		G11	03	3815 262/00	3815 262/00	since 01/11, last log 04/12

M01 M01b M45 Frequency Schedule

Compare with current logs

M01 Sunday

	Jan	Feb	Mar	Apr	May	Jun	Jly	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

M01b Monday

	Jan	Feb	Mar	Apr	May	Jun	Jly	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/Thursday

	Jan	Feb	Mar	Apr	May	Jun	Jly	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
2000	4490	4490	5017	5017	4905	4905	4905	4905	5017	5017	4490	4490

M01b Thursday

M01b Thursday

M01b Friday

	Jan	Feb	Mar	Apr	May	Jun	Jly	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	5433		
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	Jun	Jly	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

M45 Tuesday/Thursday

	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sept	Oct	Nov	Dec
ID	525	525	555	555	074	074	074	074	555	555	525	525
1702					5074	5074	5074	5074				
//					5474	5474	5474	5474				
1802	3525	3525	4555	4555					4555	4555	3525	3525
//	4025	4025	4955	4955					4955	4955	4025	4025

With a receiver set to CW mode you will hear two tones. The table above shows the lower tone. Add 2kHz for other tone. These tones are modulated allowing you to hear this in AM mode.

M01b is undergoing some changes and not all those listed are active. Frequencies not heard are in *italics* and shaded whilst the frequencies of those not heard for rest of year are also *italicised*

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 1	0440	5829	0500	6929	0520	8029	890	417	265
	0730	6784	0750	7684	0810	- - -	761	0 0 0	
	1700	9176	1720	7931	1740	6904	257	1577	61
	1700	10343	1720	9264	1740	8116	124	6260	80
	1800	10343	1820	9264	1840	8116	124	9522	39
	1900	9176	1920	7931	1940	6904	257	8709	64
Fri 2	1800	10343	1820	9264	1840	8116	124	1614	78
Sat 3	Not	Moni	-tored						
Sun 4	1010	14769^	1030	16269	1050	- - -	721	0 0 0	
Mon 5	0530	5792	0550	6992	0610	- - -	796	0 0 0	
	1300	11524	1320	10424	1340	9324	543	579	183
	1600	12162	1620	11566	1640	10711	546	5184	89
	1800	9176	1820	7931	1840	6904	257	2945	60
	1900	9176	1920	7931	1940	6904	257	2665	62
Tue 6	0440	5829	0500	6929	0520	8029	890	204	179
	1830	10343	1850	9264	1910	8116	124	1984	63
Wed 7	1500	10968	1520	10168	1540	9128	543	579	183
	1700	8047	1720	6802	1740	5788	463	2607	59
	1830	11435	1850	10598	1910	9327	938	3004	50
	2200	5763	2220	5163	2240	- - -	714	0 0 0	

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 8	0440	5829	0500	6929	0520	8029	890	204	179
	0730	6784	0750	7684	0810	- - -	761	0 0 0	
	1700	9176	1720	7931	1740	6904	257	4761	73
	1700	10343	1720	9264	1740	8116	124	2629	77
	1800	10343	1820	9264	1840	8116	124	6754	48
	1900	9176	1920	7931	1940	6904	257	5916	69
Fri 9	1800	10343	1820	9264	1840	8116	124	1048	71
Sat 10	0600	8158	0620	9258	0640	- - -	126	0 0 0	
Sun 11	Not	Moni	-tored						
Mon 12	0530	5792	0550	6992	0610	- - -	796	0 0 0	
	1300	11524	1320	10424	1340	9324	543	658	157
	1600	12162	1620	11566	1640	10711	546	354	43
	1700	9176	1720	7931	1740	6904	257	3793	80
	1800	9176	1820	7931	1840	6904	257	6341	46
	1900	9176	1920	7931	1940	6904	257	6689	84
Tue 13	0440	5829	0500	6929	0520	8029	890	803	191
	1830	10343	1850	9264	1910	8116	124	7484	60
Wed 14	1500	10968	1520	10168	1540	9128	543	658	157
	1700	8047	1720	6802	1740	5788	463	9393	76
	1830	11435	1850	10598	1910	9327	938	5491	54
	2200	5763	2220	5163	2240	- - -	714	0 0 0	

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.
Thu 15	0440	5829	0500	6929	0520	8029	890	803	191
	0730	6784	0750	7684	0810	---	761	0 0 0	
	1700	9176	1720	7931	1740	6904	257	7609	68
	1700	10343	1720	9264	1740	8116	124	6270	71
	1800	10343	1820	9264	1840	8116	124	5825	92
	1900	9176	1920	7931	1940	6904	257	4499	63
Fri 16	1800	10343	1820	9264	1840	8116	124	354	43
Sat 17	0600	8158	0620	9258	0640	---	126	0 0 0	
Sun 18	Not	Moni	-tored						
Mon 19	0530	5792	0550	6992	0610	---	796	0 0 0	
	1300	11524	1320	10424	1340	9324	543	945	211
	1600	12162	1620	11566	1640	10711	546	9741	86
	1800	9176	1820	7931	1840	6904	257	8617	54
	1900	9176	1920	7931	1940	6904	257	9251	74
Tue 20	0440	5829	0500	6929	0520	8029	890	637	153
	1830	10343	1850	9264	1910	8116	124	1858	52
Wed 21	1500	10968	1520	10168	1540	9128	543	945	211
	1700	8047^	1720	6802	1740	5788	463	7816	44
	1830	11435	1850	10598	1910	9327	938	4544	63

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Thu 22	0440	5829	0500	6929	0520	8029	890	637	153
	0730	6784	0750	7684^	0810	---	761	0 0 0	
	1010	14769	1030	16269	1050	---	721	0 0 0	
	1700	9176^	1720	7931	1740	6904	257	3177	92
	1700	10343	1720	9264	1740	8116	124	5315	77
	1800	10343	1820	9264	1840	8116	124	8451	80
	1900	9176	1920	7931	1940	6904	257	2955	54
Fri 23	1800	10343	1820	9264	1840	8116	124	1895	71
Sat 24	0600	8158	0620	9258	0640	---	126	0 0 0	
	UK	change	to	BST		+ 1Hr			
Sun 25	Not	Moni	-tored						
Mon 26	0530	5792	0550	6992	0610	---	796	0 0 0	
	1300	11524	1320	10424	1340	9324	543	528	109
	1600	12162	1620	11566	1640	10711	546	214	57
	1700	9176	1720	7931	1740	6904	257	1936	70
	1800	9176	1820	7931	1840	6904	257	2291	45
	1900	9176	1920	7931	1940	6904	257	5063	85
Tue 27	0440	5829	0500	6929	0520	8029	890	953	167
	1830	10343	1850	9264	1910	8116	124	4897	62
Wed 28	1500	10968	1520	10168	1540	9128	543	528	109
	1700	8047	1720	6802	1740	5788	463	2247	82
	1830	11435	1850	10598	1910	9327	938	5054	55
	2200	5763	2220	5163	2240	---	714	0 0 0	

Highlighted cell indicates new or changed loggings

Thanks to Fritz (FN) for finding the Thu ID 721 Sched

--- 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.
Sun 1	None	Found							
Mon 2	0430	5792	0450	6992	0510	---	796	0 0 0	
	1300	14964	1320	13972	1340	12164	991	622	175
	1600	12162	1620	11566	1640	10711	546	1659	97
	1700	9176^	1720	7931	1740	6904	257	5161	80
	1800	9176^	1820	7931	1840	6904	257	8455	63
	1900	9176^	1920	7931	1940	6904	257	2835	52
Tue 3	0340	5829	0400	6929	0420	8029	890	908	139
	1830	10343	1850	9264	1910	8116	124	2703	58
Wed 4	1500	13918	1520	12218	1540	10748	991	622	175
	1700	8047^	1720	6802	1740	5788	463	6674	59
	1830	11435	1850	10598	1910	9327	938	3792	50
	2100	6793	2120	5893	2140	---	785	0 0 0	
Thu 5	0340	5829	0400	6929	0420	8029	890	908	139
	0630	7484	0650	8084	0710	---	402	0 0 0	
	1700	9176^	1720	7931	1740	6904	257	3193	90
	1700	10343	1720	9264^	1740	8116	124	1302	76
	1800	10343	1820	9264	1840	8116	124	9303	70
	1900	9176	1920	7931	1940	6904	257	2439	51
Fri 6	1800	10343	1820	9264	1840	8116	124	4211	84
Sat 7	2110	11469^	2130	10469^	2150	---	441	0 0 0	

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sun 8	None	Found							
Mon 9	0430	5792	0450	6992	0510	---	796	0 0 0	
	1300	14964	1320	13972	1340	12164	991	581	191
	1600	12162	1620	11566	1640	10711	546	546	48
	1700	9176	1720	7931	1740	6904	257	6038	79
	1800	9176	1820	7931	1840	6904	257	9305	43
	1900	9176	1920	7931	1940	6904	257	3904	46
Tue 10	0340	5829	0400	6929	0420	8029	890	595	207
	1830	10343	1850	9264	1910	8116	124	8912	55
Wed 11	1500	13918	1520	12218	1540	10748	991	581	191
	1700	8047^	1720	6802	1740	5788	463	9504	89
	1830	11435	1850	10598	1910	9327	938	9716	62
	2100	6793	2120	5893	2140	4593	785	612	121
Thu 12	0340	5829	0400	6929	0420	8029	890	595	207
	0630	7484	0650	8084	0710	---	402	0 0 0	
	1700	9176^	1720	7931	1740	6904	257	8383	73
	1700	10343	1720	9264^	1740	8116	124	3182	73
	1800	10343	1820	9264	1840	8116	124	5197	58
	1900	9176	1920	7931	1940	6904	257	6312	62
Fri 13	1800	10343	1820	9264	1840	8116	124	546	48
Sat 14	2110	11469^	2130	10469^	2150	---	441	0 0 0	

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.
Sun 15	None	Found							
Mon 16	0430	5792	0450	6992	0510	---	796	0 0 0	
	1300	14964^	1320	13972	1340	12164	991	542	157
	1600	12162	1620	11566	1640	10711	546	5643	96
	1700	9176^	1720	7931	1740	6904	257	9392	74
	1800	9176	1820	7931	1840	6904	257	6327	70
	1900	9176	1920	7931	1940	6904	257	6924	86
Tue 17	0340	5829	0400	6929	0420	---	890	0 0 0	
	1830	10343	1850	9264	1910	8116	124	8653	60
Wed 18	1500	13918	1520	12218	1540	10748	991	542	157
	1700	8047	1720	6802	1740	5788	463	7618	77
	1830	11435	1850	10598	1910	9327	938	4876	53
	2100	6793	2120	5893	2140	---	785	0 0 0	
Thu 19	0340	5829	0400	6929	0420	---	890	0 0 0	
	0630	7484^	0650	8084	0710	---	402	0 0 0	
	1700	9176	1720	7931	1740	6904	257	2599	36
	1700	10343	1720	9264^	1740	8116	124	4466	71
	1800	10343	1820	9264	1840	8116	124	1690	43
	1900	9176	1920	7931	1940	6904	257	5621	47
Fri 20	1800	10343	1820	9264	1840	8116	124	6395	73
Sat 21	2110	11469^	2130	10469^	2150	---	441	0 0 0	

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Sun 22	None	Found							
Mon 23	0430	5792	0450	6992	0510	---	796	0 0 0	
	1300	14964	1320	13972	1340	12164	991	605	133
	1600	12162	1620	11566	1640	10711	546	4995	90
	1700	9176^	1720	7931	1740	6904	257	9083	78
	1800	9176	1820	7931	1840	6904	257	2871	45
	1900	9176	1920	7931	1940	6904	257	4806	63
Tue 24	0340	5829	0400	6929	0420	8029	890	819	175
	1830	10343	1850	9264	1910	8116	124	2638	51
Wed 25	1500	13918	1520	12218	1540	10748	991	605	133
	1700	8047^	1720	6802^	1740	5788^	463	3518	82
	1830	11435	1850	10598	1910	9327	938	4628	65
	2100	6793	2120	5893	2140	---	785	0 0 0	
Thu 26	0340	5829	0400	6929	0420	8029	890	819	175
	1700	9176^	1720	7931^	1740	6904	257	8134	41
	1700	10343	1720	9264	1740	8116	124	6593	70
	1800	10343	1820	9264	1840	8116	124	4649	98
	1900	9176	1920	7931	1940	6904	257	1920	64
Fri 27	1800	10343	1820	9264	1840	8116	124	5799	87
Sat 28	2110	11469^	2130	10469^	2150	---	441	0 0 0	

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.
Cont...									
Thu 29 Mar	0440	5829	0500	6929	0520	8029	890	953	167
	0730	6784	0750	7684	0810	---	761	0 0 0	
	1010	14769^	1030	16269	1050	---	721	0 0 0	
	1700	9176	1720	7931	1740	6904	257	3005	36
	1700	10343	1720	9264	1740	8116	124	7558	78
	1800	10343	1820	9264	1840	8116	124	4363	43
	1900	9176	1920	7931	1940	6904	257	9355	67
Fri 30 Mar	1800	10343	1820	9264	1840	8116	124	214	57
Sat 31 Mar	0600	8158	0620	9258	0640	---	126	0 0 0	

Day / Date	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	Time (UTC)	Freq (kHz)	ID	Decode Key	Grp No.
Cont...									
Sun 29 Apr	Not	Moni	-tored						
Mon 30 Apr	0430	5792	0450	6992	0510	---	796	0 0 0	
	1300	14964	1320	13972	1340	12164	991	798	85
	1600	12162	1620	11566	1640	10711	546	8526	84
	1700	9176	1720	7931	1740	6904	257	9367	74
	1800	9176	1820	7931	1840	6904	257	2210	53
	1900	9176	1920	7931	1940	6904	257	5396	81

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

Family 1A History and Mav predictions - 3rd May 2012

Station		2012	2012	2012	2012	ID	ID	ID	ID	
Day	time (utc)	February	March	April	may	Feb	Mar	Apr	May	week
G06 mon	08.00	5463	6774	6774	6948	215	215	215	215	every
G06 mon	17.00	3754	4639	4639		154	154	154	154	1 & 2
G06 mon	18.00	4467	5378	5378		154	154	154	154	1 & 2
S06 mon	19.00/05	3192/3838	5784/5127	5784/5127	7982/6984	349	349	349	349	every
S06 mon	18.15	xxxxx	?	13440		xxx	?	116		2 & 4
S06 mon	19.15	xxxxx	?	11105		xxx	?	116		2 & 4
M14 tues	07.00	5785	8120	8120		178	362	362		2
M14 tues	08.00	5895	7395	7395		178	362	362		2
S06 tues	18.00	3645		5890		617		286		1 & 2
M14 tues	18.20	4636	5947	5947	6856	186	346	346	163	2 & 4
M14 wed	19.20	4761	5463	5463	5932	748	537	537	417	2 & 4
E06 wed	19.20	3622	4615	4615		154	154	154	154	2
E06 wed	20.20	3812	3704	3704		154	154	154	154	2
E06 thur	05.00	xxxxx	xxxxx	13530	14460	xxx	xxx	951	460	every
E06 thur	06.00	15920	13890	14910	16170	702	864	951	460	every
E06 thur	07.00	17470	15850	xxxxx	xxxxx	702	864	xxx	xxx	every
S06 thur	08.30	17440	19415	?	16/17 mhz?	842	842	842	842	every
S06 thur	09.30			16318	14736	842	842	842	842	every
G06 thur	18.30	4519	5934	5934	6887	271	434	579	842	2 & 4
S06 thur	19.00/05	3192/3838	5784/5127	5784/5127	7982/6984	349	349	349	349	every
E06 thur	20.30	4836	5186	5186	5948	321	891	891	724	1 & 3
M14 fri	18.00	6769	8193	8193		269	269	269	269	1st
G06 fri	19.30	4792	5442	5442	5943	436	947	947	218	2 & 4
E06 fri	21.30	4760	5197	5197	5731	472	634	315	315	1 & 3
E06 sat	00.30	xxxxx	xxxxx	6918	8099	xxx	xxx	759	759	every
E06 sat	01.30	5846	5879	5133	6949	759	759	759	759	every
E06 sat	02.30	4817	4923	xxxxx	xxxxx	759	759	xxx	xxx	every
M14 sat	09.00	5561	5561	5561		171	171	171		every
S06 sat	16.00/05	7728/6788	8162/7612	8162/7612	8157/6983	134	134	134	134	every
S06 sat	19.00	xxxxx	xxxxx	6942		xxx	xxx	314	314	1 & 3
S06 sat	19.00	xxxxx	xxxxx	5317		xxx	xxx	416	416	1 & 3
S06 sat	19.30/35	3212/4029	6788/4958	6788/4958		843	843	843	843	every
S06 sat	20.00	4481	5317	4492		416	416	416	416	1 & 3
S06 sat	20.00	xxxxx	xxxxx	5923		xxx	xxx	314	314	every
S06 sat	20.30	5118	6942	xxxxx	xxxxx	314	314	xxx	xxx	! & 3
S06 sat	21.00	3626	4492	xxxxx	xxxxx	416	416	416	416	1 & 3
S06 sat	21.30	4452	5923	xxxxx	xxxxx	314	314	xxx	xxx	1 & 3
E06 sun	11.20	6842	7471	7471	8mhz?	154	154	154	154	Wed R
E06 sun	12.20	5866	6mhz?	6mhz?	7 mhz?	154	154	154	154	Wed R

Sat S06 1600/1930 repeats messages on Weds 2000 and 1930 respectively

WED R = repeat of 2nd Weds NRH = Nil required heard

E07/ E07a Regular Schedules
Monday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1900				12108	14812	15824	14812	14378	12108	10243		
1920				10708	13412	14624	13412	13458	10708	9243		
1940				9208	11512	13524	11512	10958	9208	7943		
2000	6982	7724	9273								7724	7478
2020	5882	6924	7873								6924	6778
2040	5182	5824	6873								5824	5278

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				12108	14812	15824	14812	14378	12108	10243		
1920				10708	13412	14624	13412	13458	10708	9243		
1940				9208	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
2010				9387	11539	12213	11539	10753	9387	7516		
2030				7526	10547	10714	10547	9147	7526	5836		
2050				5884	9388	9347	9388	7637	5884	4497		
2110	6777	6777	7516								6777	6777
2130	5449	5449	5836								5449	5449
2150	4483	4483	4497								4483	4483

Saturday

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
0800				12218								
0820				13418								
0840				14418								
0900		11053	11133									
0920		12153	12133									
0940		13553	13433									

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

The status of Tuesday and Thursday 0700/0800 schedule is unknown. Last heard early Nov 11
It may have ended?

Revised 7th April 2012

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Mar kHz, ID, ...	Apr kHz, ID, ...	May kHz, ID, ...	Jun kHz, ID, ...	General Remarks
x							0450		E11	03	6304 416/00	6304 416/00	10800 416/00	10800 416/00	since 02/10, last log 02/12
	x		x				0645		E11	03	10800 517/00	10800 517/00	13424 517/00	13424 517/00	since 07/09, last log 04/12
	x			x			0710		E11	03	10221 633/00	10221 633/00	14753 633/00	14753 633/00	since 02/11, last log 04/12
	x		x				0745		E11	03	14575 335/00	14575 335/00	335/00, search	335/00, search	since 10/11, last log 04/12
x			x				0820		E11	03	6814 438/00	6814 438/00	6280 438/00	6280 438/00	since 10/09, last log 03/12
			x				0820		M03	03	761/00, search	761/00, search	6524 761/00	6524 761/00	since 11/10, last log 01/12
x			x				0830		E11	03	10690 649/00	10690 649/00	12924 649/00	12924 649/00	since 01/10, last log 04/12
x		x					0900		E11	03	9399 534/00	9399 534/00	13427 534/00	13427 534/00	since 10/09, last log 04/12
			x		x		0900		E11	03	4909 248/00	4909 248/00	4909 248/00	4909 248/00	since 02/10, last log 04/12
	x			x			0915		S11A	03	7317 484/00	7317 484/00	8530 484/00	8530 484/00	since 01/10, last log 04/12
		x	x				0930		E11	03	8800 270/00	8800 270/00	10210 270/00	10210 270/00	since 02/10, last log 01/12
x			x				0940		G11	03	7317 275/00	7317 275/00	6986 275/00	6986 275/00	since 01/10, last log 04/12
x			x				1015		S11A	03	16112 475/00	16112 475/00	16530 475/00	16530 475/00	since 04/10, last log 04/12
	x			x			1020		S11A	03	9960 426/00	9960 426/00	11581 426/00	11581 426/00	since 02/10, last log 04/12
		x		x			1020		S11A	03	5815 221/00	5815 221/00	5815 221/00	5815 221/00	since 01/09, last log 02/12
	x	x					1045		E11	03	7449 469/00	7449 469/00	9610 469/00	9610 469/00	since 03/10, last log 04/12
x				x			1045/1050		E11	03	6433 127/00	6433 127/00	3815 127/00	3815 127/00	since 01/10, last log 01/12
	x	x	x				1115		M03	03	9150 272/00 (Tue) & 650/00 (Wed/Thu)	9150 272/00 (Tue) & 650/00 (Wed/Thu)	7837 272/00 (Tue) & 650/00 (Wed/Thu)	7837 272/00 (Tue) & 650/00 (Wed/Thu)	since 10/09, last log 03/12
		x		x			1135/1140		M03	03	6977 786/00	6977 786/00	6524 786/00	6524 786/00	since 02/10, last log 11/11
		x	x		x		1155		E11	03	15915 718/00	15915 718/00	16335 718/00	16335 718/00	since 04/11, last log 04/12
		x			x		1240		E11	03	5737 349/00	5737 349/00	6252 349/00	6252 349/00	since 08/09, last log 01/12
			x			x	1320		M03	03	9150 437/00	9150 437/00	7837 437/00	7837 437/00	since 02/11, last log 03/12
				x	x		1325		G11	03	5815 299/00	5815 299/00	5815 299/00	5815 299/00	since 03/10, last log 04/12
x				x			1355		S11A	03	4909 254/00	4909 254/00	4909 254/00	4909 254/00	since 01/11, last log 02/12
	x				x		1400		E11	03	13375 98#/00	13375 98#/00	98#/00, search	98#/00, search	since 10/11, last log 04/12
		x			x		1445		E11	03	4909 287/00	4909 287/00	4909 287/00	4909 287/00	since 01/10, last log 04/12
	x			x	x		1535		M03	03	6977 798/00	6977 798/00	6524 798/00	6524 798/00	since 11/10, last log 04/12
x						x	1540		E11	03	15915 228/00	15915 228/00	16335 228/00	16335 228/00	since 03/11, last log 03/12
x			x				1600		E11	03	12153 64#/00	12153 64#/00	12153 64#/00	12153 64#/00	since 03/11, last log 02/12
			x				1730		E11	03	9371 416/00	9371 416/00	8088 416/00	8088 416/00	since 03/10, last log 04/12
	x				x		1755		G11	03	5815 270/00	5815 270/00	5815 270/00	5815 270/00	since 02/10, last log 04/12
			x				1855		E11	03	5463 262/00	5463 262/00	262/00, search	262/00, search	since 09/11, last log 12/11
				x	x		2000		G11	03	6433 262/00	6433 262/00	3815 262/00	3815 262/00	since 01/11, last log 04/12

Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC	wk	Stn	Fam	Mar kHz, ID, ...	Apr kHz, ID, ...	May kHz, ID, ...	Jun kHz, ID, ...	General Remarks
x							0800		G06	01A	6774 215	6774 215	6948 215	6948 215	since 07/10, last log 04/12
		x					1200		G06	01A	5864 154	5864 154	154, search	154, search	since 01/11, last log 02/12 yearly changing id
		x					1200		G06	01A	4526 215, search	4526 215, search	215, search	215, search	since 09/11, last log 10/11
		x					1300		G06	01A	5362 154	5362 154	154, search	154, search	since 10/11, last log 02/12 yearly changing id
		x					1300		G06	01A	4526 215, search	4526 215, search	215, search	215, search	since 09/11, last log 10/11
x							1700	1/2	G06	01A	154, search	154, search	154, search	154, search	since 04/10, last log 02/12 yearly changing id
x							1800	1/2	G06	01A	5378 154	5378 154	154, search	154, search	since 05/09, last log 04/12 yearly changing id
			x				1830	2/4	G06	01A	5935 579	5935 579	6887 842	6887 842	since 05/01, last log 03/12
				x			1930	2/4	G06	01A	5442 947	5442 947	5943 218	5943 218	since 04/01, last log 04/12 rpt of Thu 1830Z

S06s schedule - amended 2nd May 2012

Day	time (utc)	jan feb nov dec	mar apr sep oct	may jun jul aug	ID	
mon	12.00	8420	9145	10230	831	1 hour later Oct 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	
tue	06.10		12355	15230	438	
tue	07.00	5250	5760	5430	374	
tue	07.15	6320	6930	6780	374	
tue	08.00	10265 / ?	11635	14373	352	
tue	08.10	9135 / 12330	10420	12935	352	
tue	10.00	6440	6410		893	
tue	10.10	5660	7340		893	
tue	12.30	5810	4 mhz?	7650	278	
tue	12.40	6770	5805	6125	278	
tue	15.00	5070	6464	6666	537	
tue	15.10	6337	7242	7744	537	
wed	05.30	9435	10835/10285	11435	153	1 hour later Oct to April
wed	05.40	11075	12170/11405	12650	153	
wed	07.30	7335	7335	7335	745	
wed	07.40	11830	11830	11830	745	
wed	08.20	6880	7605	6755	471	
wed	08.30	7840	9255	5835	471	
wed	08.40	9260	9480	10120	328	
wed	08.50	11415	11040	9670	328	
wed	10.00	12365	13365	14580	729	
wed	10.10	14280	14505	16020	729	
wed	12.00	7030	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	12952	12952	12952	167	
thu	09.10	13565	13565	13565	167	
thu	09.30	7865	8650	9255	314	
thu	09.40	5310	7385	7630	314	
thu	12.00	12155	12415	12155	425	
thu	12.10	10920	14212	14535	425	
thu	14.00	5320 / 5410	5410	5320 ?	624	
thu	14.10	4845 / 6770	6770	4845 ?	624	
fri	06.00	5460	6340	8340 / 8720	934	1 hour later Sept to March
fri	06.10	7070	5470	5810 / 10415	934	
fri	06.00	7150	7795	7845	196	
fri	06.10	8215	8695	9125	196	
fri	09.30	11780	12140	10290	516	
fri	09.40	12570	13515	9655	516	
sat	12.00	8680	10350	12460	254	
sat	12.10	8260	8520		254	

Status of ID 418, 371 and 872 are unknown

Current Cuban Skeds Heard From 0000-0700 UTC

This covers 1900-0200 local EDT in the USA

(March-April 2012)

SUN	0000	0100	0200	0300	0400	0500	0600	0700
							9124(SK)0600	5883(P)
							9063(SK)0630	
						5898(P)	5800(S)	

MON	0000	0100	0200	0300	0400	0500	0600	0700
				6855(P)	5117(S)		11435(SK)0600	5883(P)
				5800(P)	6768(S)		11532(SK)0630	
					4035()			
						5898(P)	5800(S)	

TUE	0000	0100	0200	0300	0400	0500	0600	0700
							9124(SK)0600	5883(P)
							9063(SK)0630	
						5898(P)	5800(S)	

WED	0000	0100	0200	0300	0400	0500	0600	0700
							11435(SK)0600	5800(SK)
							11532(SK)0630	
							9063(SK)0600	
							5898(SK)0630	
						5810(P)(?)	5810(S)(?)	9153(P)

THUR	0000	0100	0200	0300	0400	0500	0600	0700
							9124(SK)0600	5883(P)
							9063(SK)0630	
				10445(P)	11565(S)	5898(P)	5800(S)	

FRI	0000	0100	0200	0300	0400	0500	0600	0700
		4028(P)	5417(S)				11435(SK)0600	5883(P)
							11532(SK)0630	
						5898(P)	5800(S)	9153(P)

SAT	0000	0100	0200	0300	0400	0500	0600	0700
		6768(P)	5762(S)				11435(SK)0600	5883(P)
							11532(SK)0630	
						5898(P)	5800(S)	

New possible skeds found:

Current Cuban Skeds Heard From 0800-1500 UTC

This covers 0300-1000 local EDT in the USA (March-April 2012)

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)						
		10432(P)	9112(S)			7579(P)	8096(S)	

TUE	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)		8186(SK)1000					
	8180(SK)	8180(SK)	7890(SK)1030					
		5947(SK)0900(?)						
		5930(SK)0930(?)						

WED	0800	0900	1000	1100	1200	1300	1400	1500
	5898(SK)(?)	9040(P)	9240(S)					
	8186(SK)	9063(SK)						
	9063(S)					7579(P)	8096(S)	

THUR	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)	8180(SK)	8186(SK)1000					
	8180(SK)	5947(SK)0900	7890(SK)1030					
		5930(SK)0930						
						7579(P)	8096(S)	

FRI	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)							
	9063(S)	10432(P)	9112(S)			7579(P)	8096(S)	

SAT	0800	0900	1000	1100	1200	1300	1400	1500
	5898(S)	9040(P)	9240(S)					
	8186(SK)	9063(SK)						
	5883(SK)	5947(SK)0900						
		5930(SK)0930						
				4478(?)				

New skeds found:

Current Cuban Skeds Heard From 1600-2300 UTC
This covers 1100-1800 local EDT in the USA
(March-April 2012)

SUN	1600	1700	1800	1900	2000	2100	2200	2300
MON	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)							
				6785(P)	7554(S)		7519(P)	8009(S)
			8097(P)	8097(S)				
TUE	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)			12180(P)	13380(S)			
				6785(P)	7554(S)		7526(P)	8135(S)
WED	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)							
				6785(P)	7554(S)		7519(P)	8009(S)
			8097(P)	8097(S)		6932(P)	6854(S)	
THUR	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)			12180(P)	13380(S)			
				6785(P)	7554(S)		8009(P)	8135(S)
						6932(P)	6854(S)	
FRI	1600	1700	1800	1900	2000	2100	2200	2300
	6768(SK)							
				6785(P)	7554(S)		7519(P)	8135(S)
			8097(P)	8097(S)				
SAT	1600	1700	1800	1900	2000	2100	2200	2300
				6785(P)	7554(S)			
			8097(P)	8097(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.

Skeds with (?) have not been heard in over two months.

--Updated April 28, 2012--

Cuban Desk Contributors:

H. Tate (kc5mo)

Kd4kym (South Carolina, USA)

West1us

Mark Slaten

SK01 notes:

At present SK01 seems to be using exclusively RDFT mode.

XPA Polytones

March 2012

XPA b [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 0540z: 8078kHz 2. 0600z: 9278kHz 3. 0620z: 11078kHz

ID820 Mode: USB [Tue/Thu]

ID/msg/serial no/gc/dk/end grp

01Thu	820 000 03791 00001 00000 10140	[2m26s]
06Tue	820 000 07564 00001 00000 10140	[2m26s]
08Thu	820 000 08653 00001 00000 10140	[2m26s]
13Tue	820 000 06754 00001 00000 10140	[2m26s]
15Thu	820 000 06754 00001 00000 10140	[2m26s]
20Tue	820 000 06754 00001 00000 10140	[2m26s]
22Thu	820 000 06753 00001 00000 10140	[2m26s]
27Tue	820 000 06754 00001 00000 10140	[2m26s]
29Thu	820 000 08721 00001 00000 10140	[2m26s]

Schedule b 0540z

Fair to strong sendings.

XPA d [MFSK-20 Russian Intelligence Multitone System] 10bd

Tue: 1.1400z: 9167kHz 2. 1420z: 8167kHz 3. 1440z: 6967kHz

ID119 Mode: USB [Sun/Tue]

ID/msg/serial no/gc/dk/end grp

04Sun	NRH
06Tue	NRH
11Sun	NRH
13Tue	NRH
18Sun	NRH
20Tue	NRH
25Sun	NRH
27Tue	NRH

Schedule d 1400z

Despite monitoring and searching this schedule remained Nil
Required Heard and probably obsolete.

XPA e [MFSK-20 Russian Intelligence Multitone System] 10bd

1. 1900z: 9362kHz 2. 1920z: 8062kHz 3. 1940z: 7462kHz

ID304 Mode: USB [Tue/Thu]

ID/msg/serial no/gc/dk/end grp

01Thu	304 1 00309 00183 44185 60236	[4m17s]
06Tue	304 000 07376 00001 00000 10140	[2m26s]
08Thu	304 000 03876 00001 00000 10140	[2m26s]
13Tue	304 000 05634 00001 00000 10140	[2m26s]
15Thu	304 000 05634 00001 00000 10140	[2m26s]
20Tue	304 1 00613 00215 27643 00365	[4m38s]
22Thu	304 1 00613 00215 27643 00365	[4m38s]
27Tue	304 1 00208 00189 26620 52444	[4m22s]
29Thu	304 1 00208 00189 26620 52444	[4m22s]

Schedule e 1900z

Mixed strengths across this schedule, from Weak to strong bur
with one sending useabel

April 2012

XPA b [MFSK-20 Russian Intelligence Multitone System] 10bd				XPA d [MFSK-20 Russian Intelligence Multitone System] 10bd				XPA e [MFSK-20 Russian Intelligence Multitone System] 10bd			
1.0440z: 7919kHz 2. 0500z: 9139kHz 3. 0520z: 10419kHz				1.1400z: 11467kHz 2. 1420z: 10367kHz 3. 1440z: 9167kHz				1. 1900z: 10943kHz 2. 1920z: 10243kHz 3. 1940z: 9243kHz			
ID934	Mode: USB	[Tue/Thu]		ID431	Mode: USB	[Sun/Tue]		ID922	Mode: USB	[Tue/Thu]	
ID/msg/serial no/gc/dk/end grp				ID/msg/serial no/gc/dk/end grp				ID/msg/serial no/gc/dk/end grp			
03Tue	934 000 08721 00001 00000 10140	[2m26s]		01Sun		NRH		03Tue	922 1 00984 00151 69063 46017		[3m59s]
05Thu	934 000 08721 00001 00000 10140	[2m26s]		03Tue		NRH		05Thu	922 1 00984 00151 69063 46017		[3m59s]
10Tue	934 000 08752 00001 00000 10140	[2m26s]		08Sun		NRH		10Tue	922 1 00216 00197 95962 31624		[4m27/s]
12Thu	934 000 08512 00001 00000 10140	[2m26s]		10Tue		NRH		12Thu	922 1 00216 00197 95962 31624		[4m27/s]
17Tue	934 000 08512 00001 00000 10140	[2m26s]		15Sun		NRH		17Tue	922 1 00528 00129 16542 07562		[3m46s]
19Thu	934 000 06532 00001 00000 10140	[2m26s]		17Tue		NRH		19Thu	922 1 00528 00129 16542 07562		[3m46s]
24Tue	934 000 06532 00001 00000 10140	[2m26s]		22Sun		NRH		24Tue	922 1 00813 00203 12840 50206		[4m31s]
26Thu	934 000 05574 00001 00000 10140	[2m26s]		24Tue		NRH		26Thu	922 1 00813 00203 12840 50206		[4m31s]
				29Sun		NRH					

Schedule b 0440z

Good strong sigs across this schedule of null transmissions.
A break in the transmission occurred 0500z 26/04 and a spectral image of this can be seen in the polytones section of this newsletter.

Schedule d 1400z

Has remained NRH across entire schedule. Now believed discontinued.

Schedule e 1900z

Variable strength and on occasion quality but one slot always useable

SPECIAL MATTERS:

Operation Jallaa: 0

MESSAGES:

'E' Many thanks. Keep in touch.

RELEVANT WEBSITES

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>

Time zone information:

<http://www.timeanddate.com/library/abbreviations/timezones/>

Encyclopedia of Espionage, Intelligence, and Security

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

EyeSpyMag!

<http://www.eyespymag.com>



2012											
January						February					
Su	M	Tu	W	Th	F Sa	Su	M	Tu	W	Th	F Sa
1	2	3	4	5	6 7			1	2	3	4
8	9	10	11	12	13 14	5	6	7	8	9	10 11
15	16	17	18	19	20 21	12	13	14	15	16	17 18
22	23	24	25	26	27 28	19	20	21	22	23	24 25
29	30	31				26	27	28	29		
March						April					
Su	M	Tu	W	Th	F Sa	S	M	T	W	Th	F Sa
				1	2 3	1	2	3	4	5	6 7
4	5	6	7	8	9 10	8	9	10	11	12	13 14
11	12	13	14	15	16 17	15	16	17	18	19	20 21
18	19	20	21	22	23 24	22	23	24	25	26	27 28
25	26	27	28	29	30 31	29	30				
May						June					
Su	M	Tu	W	Th	F Sa	Su	M	Tu	W	Th	F Sa
						1	2	3	4	5	6 7
1	2	3	4	5	6 7	8	9	10	11	12	13 14
8	9	10	11	12	13 14	15	16	17	18	19	20 21
15	16	17	18	19	20 21	22	23	24	25	26	27 28
22	23	24	25	26	27 28	29	30				
July						August					
Su	M	Tu	W	Th	F Sa	Su	M	Tu	W	Th	F Sa
1	2	3	4	5	6 7			1	2	3	4
8	9	10	11	12	13 14	5	6	7	8	9	10 11
15	16	17	18	19	20 21	12	13	14	15	16	17 18
22	23	24	25	26	27 28	19	20	21	22	23	24 25
29	30	31				26	27	28	29	30	31
September						October					
Su	M	Tu	W	Th	F Sa	Su	M	Tu	W	Th	F Sa
						1	2	3	4	5	6
2	3	4	5	6	7 8	7	8	9	10	11	12 13
9	10	11	12	13	14 15	14	15	16	17	18	19 20
16	17	18	19	20	21 22	21	22	23	24	25	26 27
23	24	25	26	27	28 29	28	29	30	31		
November						December					
Su	M	Tu	W	Th	F Sa	Su	M	Tu	W	Th	F Sa
						1	2	3	4	5	6
1	2	3	4	5	6	7	8	9	10	11	12 13
7	8	9	10	11	12 13	14	15	16	17	18	19 20
14	15	16	17	18	19 20	21	22	23	24	25	26 27
21	22	23	24	25	26 27	28	29	30	31		