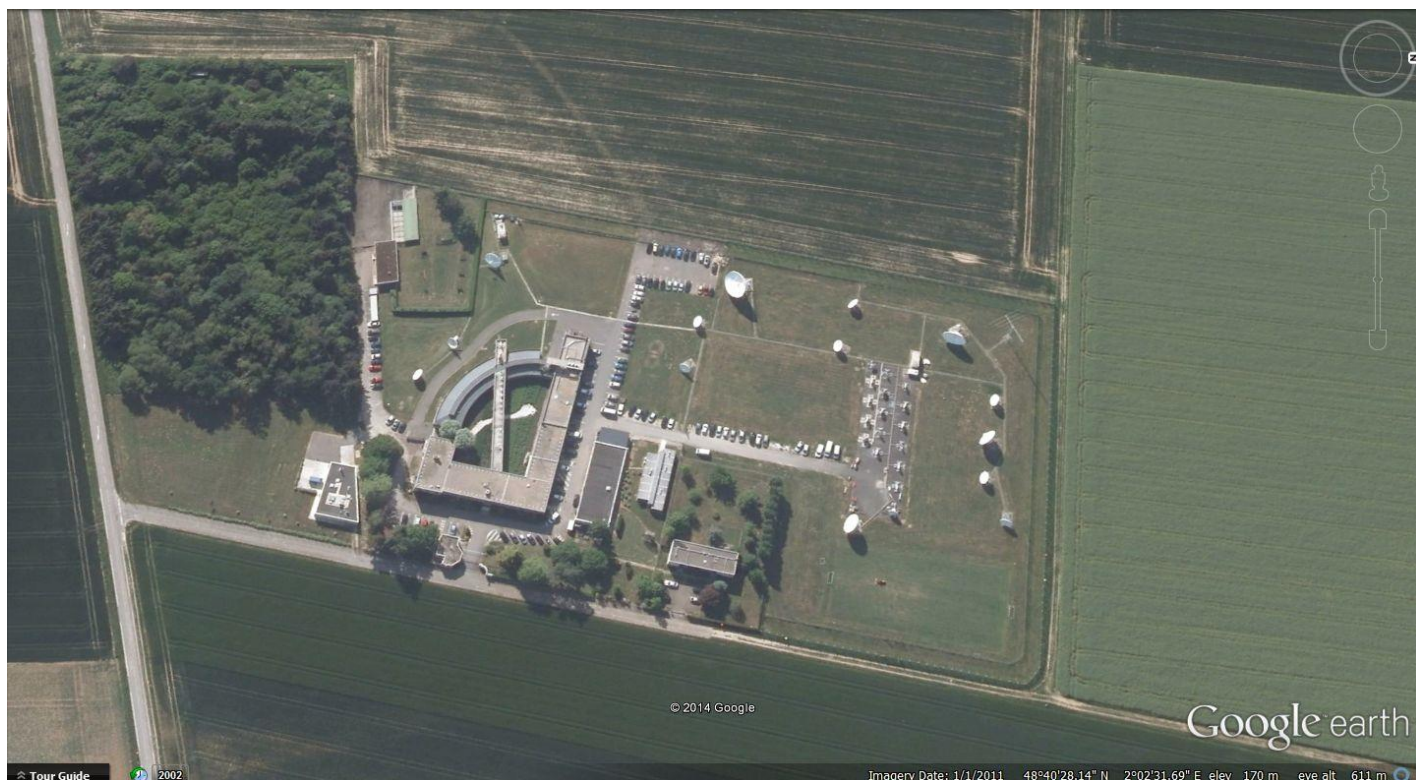


ENIGMA 2000 NEWSLETTER



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



DGSi Intercept station at Boually-Les-Troux Essonne France [picture courtesy Google Earth]

See write up page 2; Thanks E



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

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See last page also.

Cover Picture

In his last letter to PLdn 'E' sent the following information. This was intended for the last newsletter but Royal Mail had other ideas and held the letter from 30/08 to 06/09/2014 for a 'revenue payment.'

Hope all well. Returning from holiday I had a look at the French magazine New Observer and my basic French allowed me to read an article on the SVR before the train left. I was in a newsagent in Paris and I made some notes. The edition was in late July and was about Putin's espionage offensive against France. A French intelligence branch called H4 dealt with Russian number stations and espionage and they found that the GRU had tried to recruit an aide to Mr Hollande. There were thought to be 40 SVR and 10 GRU agents in France with 10-20 illegals. The SVR send flash HF signals in 0.5secs to them. The DSGI have a listening post at BOUALLY-LES-TROUX in Essonne France where they were monitored from. There were 20 different ones they listened to and some were training broadcasts. 10-20 were received in France. In the Cold War there were 60 KGB illegals in France and one was connected to Anna Chapman in recent years.

The magazine was not found on the net but I saw fit to search Google Earth and actually find the station. An interesting piece 'E', thanks for sending.

Bletchely Park National Codebreaking Centre



Set in Buckinghamshire is Britain's valuable WW2 secret. Taking product from Lord Sandhurst's Voluntary Interceptors of the Radio Security Service and later the Y Service brilliant brains broke ENIGMA machine code and anything else intercepted from the Axis war machine. The Japanese JN25 Naval Code and what became 'Purple' were all broken by BP codebreakers and passed to their US counterparts.

FISH, TUNNY, BUMBOYS, COLOSSUS all codebreaking or intercept memorable codenames.

Many ENIGMA2000 members went more than once because of the relevance of our interest to the work of the VI's.

Colossus was the world's first programmable electronic computer. So powerful at breaking Hitler's TTY codemachine 'Geheimschreiber' [Secret Writer] after WW2 the rumour was put round that they were so secret they were smashed up and buried whilst all plans were burned.

Truth is stranger than fiction; they were kept because clever minds realized that in the speed of the Axis forces being overrun the Russian allies would acquire 'Geheimschreiber' and use it for their own nefarious purpose. Keeping Colossus enabled the Brits to read Russian ciphers well into the mid-50's. For other troublesome nations, Nasser's Egypt in particular we gifted them countless ENIGMA machines and read them like an open book.

Walking around you could visit Colossus and watch it work. Several ENIGMA2000 personnel were extremely fortunate to meet the now late Tony Sale a one time colleague of rebel MI5 spywriter Peter Wright and, more importantly, redesigner/builder of Colossus.

One exhibition that stood out above all others at BP was that in Hut 1; the Diplomatic Wireless Service display. A complete historical tour, Embassy Communications, Spy Radios, TTY displays it was all there and adequately described by its *volunteer* curator; a true professional who also had a splendid collection of certain enciphering machines as well as the only remaining PICCOLO units.

A variety of ENIGMA2000 met there and toured around together; well worth it – for me and a few others – just for Hut1 but there was other stuff that was relevant.

Such displays were the Toy Museum and the Churchill display as well as the exhibition station run by the Milton Keynes Amateur Radio Society that showed modern equipment being used, were always willing to discuss the place of radio in WW2 and, most importantly the place of the VI, RSS and the Y Service.

They used ordinary antennas that were visible from the drive as one walked up from the station. Those shown in the lead image belong to the RSGB's 'National Radio Centre' that I'm not going to bother to describe.

I returned there sometime after my visit with HJH a couple of years back and the place has changed; not for the best in my opinion.



One of three HRO receivers of display



German 'Agent' Suitcase Radio

So affected by this I was moved to write to Iain Standen BP's CEO. Here is the letter.

Bletchley Park Ltd
The Mansion
Bletchley Park
Milton Keynes
MK3 6EB

Mr Iain Standing CEO

30th September, 2014

Dear Sir,

On Saturday last we had a Family Day, seven adults plus two grandchildren at Bletchley Park. The reason being my birthday; Bletchley is a place I love having continually visited soon after it opened to the public.

I have watched Bletchley blossom, against all odds. I have seen Huts rot over time and now I have seen refurbished huts, painted and smart.

I have a deep interest in radio from when I was a seven year old child growing up in Aden. I listened to everything on the shortwave but finally settled on the more interesting clandestine messages; number stations, diplomatic transmissions and the occasional military transmission.

Fifty seven years on I'm still doing it. As a result I am the Radio and Communication Consultant for Eye Spy Intelligence Magazine and approached often by the media for comment on allied matters.

My favourite exhibition, run by the very knowledgeable David White was the Diplomatic Wireless Service display in Hut 1. That was something that took the interest and stimulated the imaginations of many. David, whom I came to know over the years painted a mental image as he described embassy communications from a British view to those with little or no knowledge of these matters.

As I sat at a table on the lawn in front of the Mansion eating a slice of birthday cake I realised the two antennae above Hut 1 were gone. I looked in through the accessible window to see the void inside --- nothing!

Walking around the Huts that are open I read with difficulty, due to the volume of persons walking through, summaries of past events in the huts. Then, peering into the rooms I was less than stimulated by furniture displays and coats and other apparel hanging on coat hangers that belong to another time. What stuck out in one room was a RAF tunic, supposedly belonging to someone who in the past had worked there but which was that of an Air Training Corps Cadet. Some of the Bakelite telephones were post war issue too.

The projections were innovative but overdone for me.

I had expected to walk through the site to the National Computing Museum to see the Lorenz/Tunny and Colossus story unfold. However I couldn't find any signage or volunteers to offer direction. A massive gate [with locked side gate] of proportion a military barracks would be proud to display blocked the way.

In the recent past there was the Milton Keynes Amateur Radio Society on the first floor [Block C?] that introduced modern techniques along with those of the Voluntary Interceptors who formed Lord Sandhurst's Radio Security Service and who came across Enigma traffic. Also now gone.

It's worth noting that without the Y service there would have been no traffic for the codebreakers to work on. The only display I saw was a few HRO receivers and a BC221 Wavemeter. No descriptive sign that I noted but lots of dust that would bring an NCO much joy. There's much to be said for the application of a wet rag to black crackle paint and a bit of Brasso. In place of the MKARS we have the RSGB's National Radio Centre, not too much about the VI's, RSS or Y Service but some excellent displays of resonance, oscillators and modulation plus a few radios on display.

This leads on to a display of state of the art communications equipment that far from stimulating anyone towards a radio interest probably scares them away due to the obvious cost. It doesn't stop there either – just take a look at the antennas, again state of the art and very expensive. A little like the now gone Harrier Jump Jet which had no relevance to Bletchley Park, to be honest

Then to cap it all the only encryption machines I saw throughout BP were Enigma and Typex. What has happened to those other models, Rock X, Hagelin, Fialka and the like that formed other displays – I think they were property of David White?

Even the Bombe display had changed. Far from being able to see a working version there was an explanatory device built on a metal frame in the same space as previously occupied by volunteer helpers and a flat screen – all gone.

I can understand the need to remove the Harrier Jump Jet but what about the fantastic Churchill exhibition, the Toy Museum and the Model Railway displays that did have relevance for those of us who can actually remember Winston Churchill, played with those same toys and model railways as children? Those are as relevant as the bedroom and kitchen of the 1940's you still display – and of course the oven which we had at home.

From my point of view Bletchley Park is being slowly ruined. It is good to address the subject forensically but how many Huts will be yet another exhibition of furniture, projections and a descriptive board on the wall that is difficult to read due to the throughput of persons?

I doubt that I will now return with the same frequency as before, if at all. The interest I had has taken a severe knocking and judging from a variety of comment on the internet I am just one of very many disgruntled visitors.

Please take note of what I have written; not a complaint but an observation from a visitor who has been to BP many times.

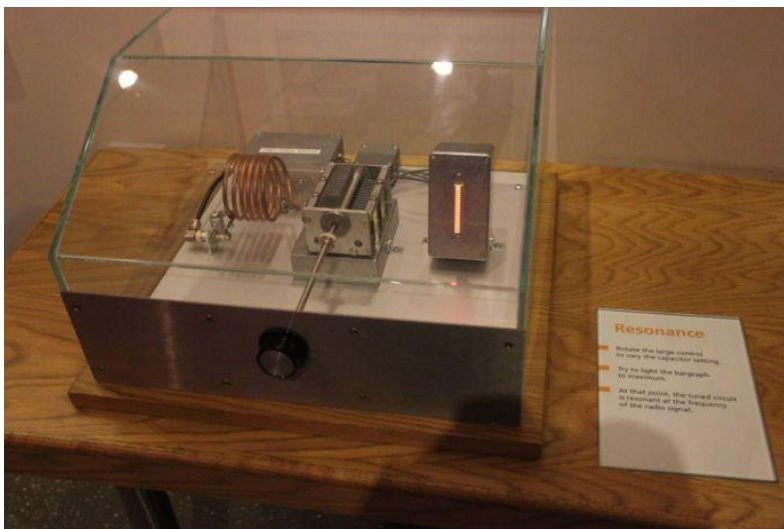
Yours faithfully,

I don't expect a reply. If I receive one I may well reproduce it here if its relevant.

For those of you who want a feel of what Hut1 represented a short video on YouTube can be seen: <http://www.youtube.com/watch?v=YTb6Og1H6eo>
It captures what I and several ENIGMA2000 have experienced and spoken of at length.

Another DVD worth a look is 'The Secret Wireless War' and available from Amazon: <http://www.amazon.co.uk/dp/B000ECXBFK>

As for the relevance of the RSGB's National Radio Centre to BP here is an image from one of their high quality displays whose immediate relevance to Bletchley Park, espionage and breaking codes in WW2 will strike you:



Resonance just like that!

Number Station matters

The unexpected transmissions noted at the beginning of the problems on the Ukraine border/Crimea have not come to notice. Not to say that they are not occurring but rather the observation of them has not been as enthusiastic as before. There may be reports on other dedicated groups [UDXF/Priyom] with members nearer to the region.

What has been noticed by E2k members is the occurrence of E17 and E17z transmissions as well as S06 and M24 and it is here that Brian and RRGB take up the story:

Jochen's X06 report:

X06 report

Our X06 team makes interesting discoveries. In the logs section you'll see 2 X06b catches (single tone variant and "1--6--"), which came an hour (or longer) before E07/a on the same frequency. This behaviour is not new, we already found it twice last year, but this time twice in a month, and we expect to find it more often in the near future.

X06 Mazielka (1C) logs section

Date	Day UTC	Freq	Scale	Monitor	Comments
20140901	Mon 0731-0733	12152	432516	Peter/UK	Fair, M880
20140901	Mon 0746-0754	18750	641523	Peter	Alert 2.1 Strong, M881
20140901	Mon 0756	20675	641523	Peter	2.2 S1, G
20140901	Mon 0756	20675	164532	Peter	S1, M882
20140902	Tue 0752-0756	20336	165423	Peter	Good, G (new freq for this group)
20140902	Tue 0854-0904	18206	254263	Peter	Alert 3.1 Fair/good, G (new G freq) 20140902 Tue 0905-0908
16115 154263	Peter	3.2	Fair, G (new G freq)		
20140902	Tue 0909-0916	20334	154263	Peter	3.3 Fair with QRM, G (new G freq)
20140902	Tue 0916-0925	14875	246531	Peter	Good, G (new G freq)
20140903	Wed 0828-0842	13465	362154	Peter	Weak, M883
20140903	Wed 0944-0947	18346	214356	Peter	Good, M884

20140903	Wed	1012-1017	16115	215346	Peter	S1, M885
20140903	Wed	1014-1020	17470	216354	Peter	Good, G
20140903	Wed	1134-1143	17470	216354	Peter	Good, G
20140904	Thu	0640-0649	17468	436512	Peter, Danix	Fair, M886
20140904	Thu	0711-0716	19511	314265	Peter	Fair, G
20140904	Thu	0718-0722	14447	162543	Peter	Weak, M887
20140904	Thu	1104-1111	17470	216354	Peter	Fair, G
20140904	Thu	1114-1122	16115	215346	Nicolas/FR	Monitored in progress, G
20140904	Thu	1232-1237	19405	352416	Peter	Good, M888
20140905	Fri	0833-0840	17470	216354	Peter	Fair, G
20140905	Fri	1000-1002	20837	645321	Peter	Good, M889
20140905	Fri	1009-1018	12215	361245	Peter	Alert 2.1 Weak, M890
20140905	Fri	1018-1028	14824	625413	Peter	Good, M891
20140905	Fri	1019-1029	14501	361245	Peter	2.2 Weak, M892
20140908	Mon	0833-0835	10372	431625	Peter	S1, M893
20140908	Mon	0931-0935	12224	463125	Peter	Fair, M894
20140908	Mon	1241-1243	12177	364152	Peter	Poor, M895
20140909	Tue	0759-0804	13420	534216	Peter	M896
20140909	Tue	1019-1028	14675	612534	Peter	Alert 3.1 M897
20140909	Tue	1029-1036	13510	612534	Peter	3.2 M898
20140909	Tue	1038-1043	12100	612534	Peter	3.3 M899
20140910	Wed	0721-0723	18591	435621	Peter	Weak, M900
20140910	Wed	0733-0736	10814	412356	Peter	Fair, M901
20140910	Wed	0839-0842	18245	134265	Peter	Fair, M902
20140910	Wed	1044-1100	18660	621543	Peter	Alert 2.1 Good, M903
20140910	Wed	1110-1116	14944	621543	Peter	2.2 Fair, M904
20140911	Thu	0815-0835	16153	153624	Peter	Good, getting weaker, M905
20140911	Thu	1544-1547	9106	564213	Peter	Fair, M906
20140912	Fri	0956-0958	14863	615243	Peter	M907
20140912	Fri	1520-1526	9076	215346	Peter	S1, only visible, M908
20140915	Mon	0737-0740	18750	641523	Peter	Fair, M909
20140916	Tue	0752-0755	11462	165423	tiNG, Peter	S9 in DE, QRM3 in UK, M910
20140916	Tue	0802-0811	11081	125643	tiNG	Extremely rare scale, good, R
20140916	Tue	0827-0832	15687	154263	Peter	Good, M911
20140916	Tue	0918-0920	18206	246531	Peter	Good, M912
20140917	Wed	0833-0843	14631	362154	Peter	Alert 2.1 Good/poor, M913, then C36
20140917	Wed	0844-0848	13465	362154	Peter	2.2 Good and strong, M914
20140917	Wed	1435-1443	14650	215346	Peter	Fair, M915
20140917	Wed	1448	14970	216354	Peter	Good, M916
20140918	Thu	0728-0738	14446	162543	Peter	Fair, M917
20140918	Thu	1228-1231	18575	352416	Peter	Fair, M918
20140919	Fri	0626-0633	16320	241563	Peter	Alert 2.1 Good, M919
20140919	Fri	0635	14720	241563	Peter	2.2 Shortie (only 1 tone set), M920
20140919	Fri	0832-0837	14570	324615	Peter	Fair, M921
20140919	Fri	0922-0937	18197	645321	Peter	Very good, M922
20140919	Fri	1054-1103	12215	361245	Peter	Weak, M923
20140920	Sat	0514	10359	1--6--	LU5EMM	Short X06b (30secs)
20140920	Sat	0516	10359	1--6--	LU5EMM	2 nd short X06b (22secs) (0600: XPac)
20140922	Mon	0837-0839	12109	431625	Peter	M924
20140922	Mon	0926-0931	16117	463125	Peter	M925
20140922	Mon	1229-1236	15656	364152	Peter	M926
20140923	Tue	1020-1031	13510	612534	Peter	Weak, M927
20140924	Wed	0804-0807	13419	465132	RNGB	I. p., M928
20140924	Wed	1056-1059	14944	621543	Danix/PL	M929
20140925	Thu	1537-1538	9106	564213	Peter, Jim	Good in UK, strong in US, M930
20140926	Fri	0615-0620	13510	216435	Peter	Fair, G
20140926	Fri	0818-0828	19511	314265	Peter	Fair, G
20140926	Fri	1000-1010	15858	256134	Peter	Fair, M931
20140928	Sun	1756-1758	9163	145632	Danix	Good, G
20141001	Wed	0926-0936	14631	362154	Peter	Weak, M932
20141001	Wed	0942-0947	18346	214356	Peter	Fair, M933
20141001	Wed	1654-1656	16103	231654	tiNG	Strong, R
20141002	Thu	0647-0654	17468	436512	Peter	Good, M934
20141002	Thu	1340-1343	19405	352416	Peter	Fair, M935
20141003	Fri	0642-0644	16320	241563	Peter	Good and clear, M936
20141003	Fri	0831-0833	14570	324615	Peter	Fair, M937
20141003	Fri	1017-1022	14501	361245	Peter	Good, M938
20141005	Sun	1330-1335	14595	452163	Danix	Rare scale, G
20141006	Mon	0646-0651	10161	165324	Peter	Good, M939
20141006	Mon	0700-0745	18750	641523	Peter	Weak, M940
20141006	Mon	1537-1541	11438	532614	Peter	Strong, M941
20141007	Tue	0900-0921	11081	125643	tiNG	Rarer scale, good, M942
20141007	Tue	1531-1535	12178	645321	Danix, Jim	Strong with QRM2 in the US, R
20141008	Wed	0705-0709	14934	351264	RNGB	Rare scale on new freq i. p., R
20141008	Wed	1042-1054	20813	216354	Peter	Alert 2.1 Good, G
20141008	Wed	1054-1056	14650	215346	Peter	Strong, G
20141008	Wed	1055-1057	17470	216354	Peter	2.2 Strong, G
20141008	Wed	1125-1134	13985	134265	Peter	Good, G
20141008	Wed	1129-1133	18660	621543	Peter	Good, M943
20141009	Thu	0818-0820	12126	521634	Peter	Good, M944
20141009	Thu	1625-1635	10535	564213	Peter	Good, M945
20141010	Fri	0728-0731	10653	356412	Peter	Very good, M946
20141010	Fri	1003-1005	19611	256134	Peter	Good, M947
20141013	Mon	0935-0938	13517	463125	Peter	Good, M948

20141013	Mon	1302-1304	15656	364152	Peter	Good, M949
20141014	Tue	0742-0746	10755	154263	Avare, Danix	R (WinXP disconnect sig after TX)
20141014	Tue	0755-0756	13420	534216	Peter	Fair to weak, M950
20141014	Tue	1122-1128	11025	612534	Peter	Alert 2.1 Weak, M951
20141014	Tue	1128-1134	13510	612534	Peter	2.2 Stronger than above, M952
20141015	Wed	0909-0914	13465	362154	Peter	Alert 1.1 Good, M953
20141015	Wed	0916-0917	13465	362154	Peter	1.2 Weaker than above, M954
20141016	Thu	0641-0649	17468	436512	Peter	Good, M955
20141016	Thu	1229-1238	18575	352416	Peter	Good, M956
20141019	Sun	1602-1603	13376	1-----	Danix	X06b, single tone (1h before E07)
20141020	Mon	0743-0745	18750	641523	Peter	M957
20141020	Mon	1552-1620	11438	532614	Jim, Danix,	
					tiNG	I. p., strong, M958
20141021	Tue	0828-0831	15687	154263	Peter	Good, M959
20141022	Wed	0858-0905	16116	134265	Peter	Fair, M960
20141024	Fri	0618-0621	9288	356412	Peter	Good, M961
20141024	Fri	1011-1016	15828	256134	Peter	Good, M962
20141028	Tue	0821-0826	17523	542136	Jim	New freq, G
20141028	Tue	1005-1011	14863	612534	Peter	Good, M963
20141029	Wed	1303-1318	16320	241563	Peter	Good, G
20141029	Wed	1602-1603	12176	1--6--	Danix	X06b (over 1h before E07)
20141031	Fri	1701-1703	9076	215346	Danix	G

Thanks to all contributors. Till next time I say good-bye

Jochen Schäfer, Kopfe2Kde, Numbers- and X06 Teamkopf

Morse - Number Stations

M01 The usual combinations of expertly sent Morse mixed with repeat errors & sequences that even Samuel Morse would have struggled with, added to the unpredictable strength of the signal from day to day, make M01 an interesting and challenging station to monitor. One thing you can guarantee is that no two days will be alike.

The more reliable & consistent M01b transmissions also continue as expected, although many monitors are struggling with the poor strength of these signals. We do appreciate all monitors efforts, particularly with the weaker stations.

Jean-Paul (JPL) managed to bag a couple of M01c transmissions this time too, via the Global Tuners Finland node. Well done Jean-Paul.

M03 Activity from M03 continues to be steady, although one of the regular scheds appears to have ceased. The station is still sending on average one message per month for each of the known schedules.

For those of you who would like to try Morse, this is an ideal station to start with. Calls are sent slowly for three minutes continuously, & the groups are sent moderately slowly, with each group repeated. Finally, the whole message is sent again in single groups.

M08a Our usual quality report of M08a activity from our Man in America shows that output from M08a is very much business as usual despite fears that the CW mode was about to be completely dropped in favour of HM01. AnonUS also continues his analysis of the call-up patterns, which continue to comply to expected patterns.

M12 Following a long period of unchanging schedules, several changes to the core schedules were noted, with a couple of ID 257 schedules changing to ID 463 in the 2nd week of October - with one schedule changing times to appear one hour later. These changes still seem to be subject to some adjustment as the Daylight Saving Times come into force, so the result of these changes is still uncertain.

Changes of ID are not unusual particularly among the main core schedules using the IDs 124, 463 & 257, these IDs appear to change on a fairly regular basis every few years - often on block, although the reason for this is unknown, however they do appear to be minor.

The technical problems are still evident on some transmissions, with missing or clipped characters being a fairly common occurrence during the two-minute call-up sequences now.

M14 Guy (GD) reported an M14 transmission on 22 July where the DK & GC were omitted from the end of the message. This time Richard (RNGB) & Jim (JkC) logged transmission on 10 Sept where different DKs were sent at the start & end of the message.

Jim also reports a null message on 05 Sept that appears to have sent a sequence of figures shortly after the transmission ended.

M23 Following the single brief appearance of a '200' call on 15 July we have had no further reports of any activity from M23. Prior to the July call there had also been two months of silence from the station.

M24 Some interesting early morning transmissions were logged by Jim (JkC) & Ary on 01 October using 9463kHz for CW & 10755kHz for speech which appear to be test transmissions from M24 & S06 respectively. A report of Jim's & Ary's logs can be found at the start of the Morse section..

M97 After fairly frequent appearances over July nothing at all was heard from M97 in August & it wasn't until late September that the station came to life once again, still sending the SD84 message in use since August 2013. Use of this message continued with three transmissions at the beginning of October, the last transmission logged on 10 October since when no more transmissions have been reported.

Morse Stations - Not Number related

M51a The daily Morse lessons continue as usual with 5 fig grps & plain text, always a good way to sharpen up your Morse skills.

M89 Transmissions continue pretty much to previous patterns, although there have been fewer changes of call sign or frequency sets over this period. Jean-Paul (JPL) continues to log the output of this prolific station seeking out the new calls & matching paired frequencies.

Beacons & Oddities

Finally, to complete this section we have a small collection of Beacon & Oddities logs.

Morse Stations

All frequencies listed in kHz. Freqs are generally +/- 1k

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

Morse - Number Stations

Test Transmissions from S06 & M24

Jim (JkC) came across some interesting transmissions on Wed 01 Oct, which appear to be tests on 10755kHz & 9463kHz with S06 & M24 respectively.

Jim writes;

At about 0418z today I heard a brief transmission on 10755kHz, Russian OM, "801" repeated 3 times. Transmission and carrier ended before I could record. At 0421z I came across an unidentified CW station on 9463kHz, also sending "801" (auto-sent, 22 wpm). I tuned a second receiver back to 10755kHz and maintained a listening watch. At 0430z I heard a (weak) Russian OM repeating "975". The transmission grew stronger over the following half hour, and the voice sounds very similar to the S06 OM.

Both transmissions ended at the same time, 0500z. .

10755kHz found in progress again at 0600z with "975". No sign of the CW on 9463kHz.

Further to my earlier posts, both UNID frequencies were active again, at 0600z (10755kHz) and 0612z (9463kHz), and continued until at least 0745z when I shut down for the night. A subscriber to the Spooks board suggested these were S06 and M14 (more likely M24, given the speed [22 wpm], though the distinction is minimal) variants, but I am not sure, so have left them as UNID.

UNID CW 9463kHz	0421z	01 Oct	[I/P 801]	0500z	Strong QRM1 QSB1	22 wpm, auto-sent, short zero..	JkC	WED
UNID CW 9463kHz	0612z	01 Oct	[I/P 801 Continues]	0745z	Strong QRM1 QSB1	22 wpm auto-sent, short zero.	JkC	WED
UNID Slavic 10755kHz	0430z	01 Oct	[975]	0500z	weak/Strong QRM1 QSB1	Russian OM. USB w/carrier..	JkC	WED
UNID Slavic 10755kHz	0600z	01 Oct	[I/P 975 continues]	0745z	weak/Strong QRM1 QSB1		JkC	WED

Jim also reports that the 0421z-0500z transmission appeared to end simultaneously with the 10755kHz voice transmission (or within a second of it).

Ary also reported transmissions on 10755kHz on the same day, & states that the transmissions on 10775 kHz were S06 in his opinion, & further reports an S06 message sent on 10755kHz at 0810z.

10755	01-10-2014	0400	sends "801" for 29 minutes. Ends at 0429 UTC	Ary	WED
10755	01-10-2014	0430	sends "975" for 3h40mins. Msg starts at 0810 UTC	Ary	WED
10755	01-10-2014	0810	UTC	Ary	WED

975 946 57
49039 27884 07709 43240 70052 10461 72092 42481 51987 44385
40985 73443 89996 03834 52341 36236 11261 32894 42489 66962
43637 82542 99781 49751 94556 98896 74605 10521 38618 54941
06661 97180 37305 42781 55485 75931 39277 69027 45113 98376
34657 19799 58853 19119 61765 88234 45089 68532 89730 81279
20060 10397 25415 48067 78542 39084 18100
946 57 00000

M01/ 2 XIV MCW, hand (463 sched for Sep - Oct). Will change to M01/1 sched ID 197 for Nov - Feb.

September 2014:

5020	2000z	02 Sep	'463' 287 30 ==	56967...	...LG 08110 ==	Fair, ends 2010z	Spectre	TUE
	2000z	04 Sep	NRH				BR	THU
	2000z	09 Sep	'463' 395 30 ==	952165...	...LG 25447 ==	Strong, fast. Some pauses. Several errors	BR	TUE
	2000z	11 Sep	'463' 926 30 ==	14398...	...LG 72244 ==	Fair, very fast. Excellent CW / QRM	BR/HFD	THU
	2000z	16 Sep	'463' 791 30 ==	89265...	...LG 20189 ==	Strong, fast. Several errors noted	BR	TUE
	2000z	18 Sep	'463' 803 30 ==	70762...	...LG 90 .53 ==	Fair, fast. Excellent CW. Severe storm static	BR	THU
	2000z	23 Sep	'463' 207 30 ==	09927...	...LG 43421 ==	Fair, fast. Two errors in grps. 31 grps sent	BR	TUE
	2000z	25 Sep	'463' 834 30 ==	75349...	...LG 17172 ==	Fair, v.fast. Several errors noted.	BR	THU
	2000z	30 Sep	'463' 311 30 ==	17168...	...LG 07532 ==	Fair	JkC	TUE
5475	1800z	02 Sep	'463' 188 30 ==	53506...	...LG 58084 ==	Fair, ends 1810z	Spectre	TUE
	1800z	04 Sep	'463' 577 30 ==	84765...	...LG 11129 ==	Strong, fast. Good CW. Errors noted	BR	THU
	1800z	09 Sep	'463' 225 30 ==	54622...	...LG 32527 ==	Good, fast. Long pauses at start. No errors	BR/HFD	TUE
	1800z	11 Sep	'463' 237 30 ==	94689...	...LG 01490 ==	Good, very fast. Several errors noted	BR	THU
	1800z	16 Sep	NRH				BR	TUE
	1800z	18 Sep	'463' 141 30 ==	60057...	...LG 30725 ==	Good, fast. Excellent CW. Severe storm static	BR	THU
	1800z	23 Sep	'463' 411 30 ==	16233...	...LG 38328 ==	Good, fast. Numerous errors. 29 grps sent	BR	TUE
	1800z	25 Sep	'463' 253 30 ==	16442...	...LG 56957 ==	Fair, v.fast. Copy difficult due to noise	BR	THU
	1800z	30 Sep	'463' 884 30 ==	92929...	...LG 27572 ==	Strong. Up early	JkC	TUE
6260	1500z	06 Sep	'463' 905 30 ==	21253..	...LG 56779 ==	Weak, med-fast. Excellent CW. No errors	BR/HFD	SAT

	1500z	20 Sep	'463'	Extremely weak, fast. Five minutes late starting. No useful copy	BR/CB	SAT
	1500z	27 Sep	'463' 810 30 ==	60972... ...LG 319 .7 == Fair, v.fast. Several errors noted	BR/CB	SAT
6510	0700z	07 Sep	'463' 113 30 ==	95035... ...LG 84294 == Fair, ends 0710z	Spectre	SUN
	0700z	14 Sep	'463' 336 30 ==	85378... ...LG 01195 == Strong	HRT	SUN
	0700z	28 Sep	'463' 502 30 ==	08830... ...LG 78359 == Strong, fast, irregular. Numerous errors	BR	SUN

M01 6510kHz 0700z 14 Sept14
463 (R4m)
336 336 30 30 ==
85378 45640 53249 75340 22979
43808 36465 23662 39644 18812
56814 07159 74355 60837 49340
39471 01114 70851 57198 52512
84252 65739 34857 68895 82445
78632 04113 73934 92933 01195
= =
336 336 30 30 0 0 0 (0709z)
Courtesy HRT

M01 5475kHz 1800z 30 Sept14
463 (R4m)
884 884 30 30 ==
92929 56936 80925 00997 13870
06723 93626 11434 78652 42040
11776 62142 20107 75647 62924
71062 87746 25126 99818 06358
77602 96341 66495 51700 60548
41199 23405 99917 23435 27572
= =
884 884 30 30 0 0 0
Courtesy JkC

M01 5020kHz 2000z 30 Sept14
463 (R4m)
311 311 30 30 ==
17168 99693 32457 35045 67311
71014 62932 99884 20235 51511
04855 35832 29961 52707 02561
92672 73425 21767 94015 36326
01980 06545 38236 63250 34513
31219 79260 19083 20392 07532
= =
311 311 30 30 0 0 0
Courtesy JkC

October 2014:

5020	2000z	02 Oct	'463' 093 30 ==	95216... ...LG 25744 == Strong, ends 2009z	JkC	THU
	2000z	07 Oct	'463' 1 7 30 ==LG 80957 == Fair, fast. Missed start. Difficult copy	BR	TUE
	2000z	09 Oct	'463' 911 30 ==	41710... ...LG Fair, fast. Severe storm static	BR	THU
	2000z	14 Oct	'463' 541 30 ==	93568... ...LG 28532 == Strong, ends 2010z	JkC	TUE
	2003z	16 Oct	'463' 029 30 ==	89997... ...LG 52725 == Fair/Weak, med-fast. Good CW with errors	BR/JkC	THU
	2000z	21 Oct	'463' 208 30 ==	40063LG 68325 == Fair, ends 2011z	JkC	TUE
	2000z	23 Oct	'463' 371 30 ==	33361LG 41755 == Fair, ends 2010z	JkC	THU
	2000z	28 Oct	'463' 917 30 ==	18106LG 77412 == Fair, ends 2009z	JkC	TUE
	30 Oct	30 Oct	'463' 908 30 ==	78422... ...LG == Fair, fast. Poor copy. Good CW with pauses	BR	BR
5475	1800z	02 Oct	'463' 177 30 ==	35462... ...LG 8564 == Strong, Op. progressively worse from grp18	JkC	THU
	1810z	07 Oct	'463' 626 30 ==	26489... ...LG 23809 == Strong, fast but irregular. Late start.	BR	TUE
	1800z	09 Oct	'463' 739 30 ==	72231... ...LG 19352 == Good, fast. Good CW, Error in grp07	BR	THU
	1800z	14 Oct	'463' 541 30 ==	08984... ...LG 90346 == Strong. He (and I) got lost from GR20-27	JkC	TUE
	1800z	16 Oct	'463' 207 30 ==	83605... ...LG 08318 == Fair, See Note below :*	JkC	THU
	1800z	21 Oct	'463' 405 30 ==	98711LG 48273 == Fair, ends 1811z	JkC	TUE
	1800z	23 Oct	'463' 703 30 ==	87982LG 09296 == Fair, ends 1811z	JkC	THU
	1800z	28 Oct	'463' 103 30 ==	54512LG 60088 == Fair. ends 1809z	JkC	TUE
	1800z	30 Oct	'463' 761 30 ==	43477LG 07844 == Strong, ends 1810z	JkC	THU
6260	1500z	04 Oct	'463'	85505... ...LG Very weak signal under high noise	BR/CB	SAT
	1500z	11 Oct	'463' 891 30 ==	98711... ...LG 48273 == Good, med-fast. Two errors noted	BR	SAT
	1500z	18 Oct	'463' 721 30 ==LG 48273 == V.weak, fast. Poor copy with errors noted	BR	SAT
	1500z	25 Oct	'463' == == 072 30	81567... ...LG 70961 Good, Med-fast. Start /end sequences changed	BR/CB	SAT
6510	0700z	05 Oct	'463' 743 30 //	30690... ...LG 25638 == Good, fast. Grp02 43765 43756	BR	SUN
	0700z	12 Oct	'463' 1#9 30 ==	99818... ...LG HFD	HFD	SUN
	0700z	19 Oct	'463' 217 30 ==	72231... ...LG 73767 == Strong, fast. Excellent CW with errors noted	BR	SUN
	0700z	26 Oct	'463' == 836 30	97452... ...LG 80238 == Strong, med-fast. Start sequence changed	BR	SUN

* Groups 1-10 of 1800z sked on Thu 16 Oct are the same as groups 11-20 of 08 Apr 2000z

M01a (formerly end of month TXs, now random)
No Reports

M01b

September 2014:

3510//4605	1832 - 1853z	04 Sep	'201' 173 30 = 09504 ... 36121 173 30 = 0 0 0 Fair	Spectre	THU
	1832 - 1849z	18 Sep	'201' 173 30 = 09504 ... 36121 = 173 30 000 Fair//Fair	HFD/JkC	THU
3520//4585	2010 - 2026z	05 Sep	'582' 173 30 = 09504 ... 36121 = 173 30 000 Fair//Fair	JkC/Spectre	FRI
	2010z	19 Sep	'582' 173 30 = 09504...	HFD	FRI
3535//4590	1810 - 1819z	01 Sep	'420' 173 30 = == = 09504 19167 ... 05702 36121 = == =	HFD/tiNG	MON
4590	1810 - 1826z	08 Sep	'420' 173 30 = 09504 19167 ... 05702 36121 = =	tiNG	MON
	1810z	15 Sep	'420' 173 30 = =	GD	MON
3625//4940	1902 - 1919/23z	05 Sep	'153' 173 30 = 09504 19167 29273 ... 36121 = 173 30 000	JkC/RNGB/Spectre	FRI
	1902z	10 Sep	'153' 173 30 = 09504...	HFD	WED
3645//4455	1915 - 1924z	01 Sep	'771' 231 30 = == = 06657 48674 ... 37401 73802 = == =	HFD/tiNG	MON
4454	1915z	15 Sep	'771' 173 30 = =	GD	MON

3715//4570	1940 - 2001z 1942z	04 Sep 18 Sep	'477' 173 30 = 09504 ... 36121 173 30 = 0 0 0 Fair '477' 173 30 = 09504...	Spectre HFD	THU THU
October 2014:					
3510//4605	1832 - 1850z 1832 - 1850z 1832 - 1850z 1832 - 1835z	02 Oct 16 Oct 23 Oct 30 Oct	'201' 983 34 = 71355 ... 29943 = 983 34 000 Weak//Fair '201' 983 34 = 71355 ... 29943 = 983 34 000 Fair//Fair '201' 983 34 = 71355 ... 29943 = 983 34 000 Very weak//Weak NRH	JkC JkC JkC JkC	THU THU THU THU
3520//4585	2010 - 2028z	17 Oct	'153' 983 34 = 71355 ... 29943 = 983 34 000 Fair//Fair 3520kHz is USB, 4585kHz LSB	JkC	FRI
	2010 - 2028z	24 Oct	'582' 984 34 = 71355 ... 29943 = 983 34 000 Fair//Fair	JkC	FRI
3625//4440	1902 - 1920z	17 Oct	'153' 983 34 = 71355 ... 29943 = 983 34 000 Fair//Fair Note new // freq. Also 3625kHz is LSB, 4440kHz USB	JkC	FRI
	1915 - 1934z	20 Oct	'771' 983 34 = 71355 ... 29943 = 983 34 000 Fair//Fair	JkC	MON
	1902 - 1921z	24 Oct	'153' 984 34 = 71355 ... 29943 = 983 34 000 Fair//Fair	JkC	FRI
3715//4570	1940 - 1958z 1942 - 2000z 1942 - 2000z	02 Oct 16 Oct 23 Oct	'477' 983 34 = 71355 ... 29943 = 983 34 000 Fair//Weak '477' 983 34 = 71355 ... 29943 = 983 34 000 Weak//Fair '477' 983 34 = 71355 ... 29943 = 983 34 000 Weak//Fair	JkC JkC JkC	THU THU THU
4585	2010 - 2020z	03 Oct	'582' 984 34 = 71355 ... 29943 = 984 34 000 Fair	JkC	FRI
4590	1810 - 1828z	20 Oct	'420' 983 34 = 71355 ... 29943 = 983 34 0000 Fair (//3535kHz NRH)	JkC	MON

M01b 3625//4940kHz 1902z

05 Sep14

153 (R4m) 173 173 30 30 = =

09504 19167 29273 67806 97278
70377 80301 57225 85937 24716
04382 96572 39019 44813 05459
22406 97478 83655 62333 98086
03985 85545 23444 89431 59258
06385 96841 37583 05702 36121
= =

173 173 30 30 000

Courtesy JkC

M01b 3510//4605kHz 1832z

02 Oct14

201 (R4m) 983 983 34 34 = =

71355 91464 25383 15800 84329
86875 45139 45508 03279 16574
01874 23932 15996 02974 55869
43179 59157 95581 38181 04281
18014 42083 32668 34934 20195
29562 52905 27207 09599 63302
20324 12642 30673 29943 = =

983 983 34 34 000

Courtesy JkC

M01c

Jean-Paul found the following in progress on Wed 01 October:

5247	1605z	01 Oct	(IP) (T=0 – Machine sent – 1605z)	(Remote tuner Finland)	JPL	WED
52863 000 (1605z) 111/13851 71513 85740 20159 02113 72170 59339 44570 08134 66932 000 (1607z) 111/01249 21975 57991 38348 60768 55.86 43530 68926 36256 88250 76605 51859 55586 47197 75970 62580 77642 09433 67608 01089 000 000 (1613z) 3 (1613z) 111/29718 13789 57827 68171 27218 99065 62830 49866 38962 65699 000 91615Z) 111 BT 09440 52545 93077 75965 608.. 10811 99595 11805 07321 0176 000 (1617z) 0111 BT 75965 000 (1618z) 111 BT 60868 000 (1619z) 111 BT 93077 000 (1619z) 000 (1619z - Silent) (Monitored until 1625z)						
7636	1106z	06 Oct	(IP) (IP – Machine sent – T=0 - 1206z)	(Remote tuner Finland)	JPL	MON
111 000 134 134 134 111 000 (1206z - Silent) (Monitored until 1111z)						

September 2014:

5463	1320 - 1323z	03 Sep	543/00 Fair	Spectre	WED
	1320 - 1339z	10 Sep	546/38 == 28473 39621....25366 == 000	BR/HFD	WED
	1320 - 1323z	15 Sep	543/00 (R3m) == 000 Weak	BR	MON
	1320 - 1323z	17 Sep	543/00 = 000 Weak	JkC	WED
	1320 - 1323z	22 Sep	543/00 = 000 Very Weak	BR	MON
6977	1535 - 1539z	06 Sep	798/00 == 0 0 0	CB/HFD	SAT
	1535 - 1538z	16 Sep	798/00 == 000 Strong	JkC	TUE
	1535z	20 Sep	798/00 == 0 0 0 Very strong signal with QRN.	CB	SAT
	1535 - 1552z	23 Sep	794/33 == 21792 61051....92538 == 000 Strong	BR	TUE
	1535 - 1552z	27 Sep	794/33 == 21792.....LG 92538 == (rpts) == 0 0 0 Very Strong	CB	SAT
	1535 - 1538z	30 Sep	798/00 (R3m) == 000 Strong	BR	TUE
9150	1320 - 1323z	04 Sep	437/00 (R3m) == 000	BR	THU
	1320 - 1323z	07 Sep	437/00 (R3m) == 000	CB/HFD/Spectre/tiNG	SUN
	1320 - 1323z	18 Sep	437/00 = 000 Fair	JkC	THU
	1320 - 1323z	21 Sep	437/00 (R3m) == 000	BR	SUN
	1320 - 1338z	25 Sep	432/36 == 51748 16623....12463 == 000 Good	BR	THU
13911	1420 - 1423z	05 Sep	879/00 (R3m) == 000	BR/HFD	FRI
	1420 - 1423z	07 Sep	879/00 (R3m) == 000	Spectre/tiNG	SUN
	1420 - 1439z	12 Sep	876/38 == 14581 97842....22388 == 000 Good	BR	FRI
	1420 - 1423z	26 Sep	879/00 (R3m) == 000 Fair	BR	FRI

October 2014:

5463	1320 - 1323z	01 Oct	543/00 (R3m) == 000 Weak	BR	MON
	1320 - 1323z	06 Oct	543/00 (R3m) == 000 V.weak	BR	MON
	1320 - 1323z	08 Oct	543/00 (R3m) == 000 V.weak	BR	WED
	1320 - 1323z	15 Oct	543/00 = 000 Fair	JkC	WED
	1320 - 1339z	20 Oct	541/38 == 86466 79676 ... 67218 == 000 Strong	JkC	MON
	1320 - 1339z	22 Oct	541/38 == 86466 79676.... 67218 == 000 Weak	BR	WED
6977	1535z	04 Oct	798/00 == 0 0 0 Strong signal low noise	CB	SAT
	1535 - 1538z	07 Oct	798/00 == 000 Strong	JkC	TUE
	1535 - 1538z	11 Oct	798/00 (R3m) == 000 Strong	BR	SAT
	1535 - 1553z	14 Oct	795/38 == 96643 68486... 24936 == 000 Strong	JkC	TUE
	1535 - 1554z	18 Oct	795/38 == 96643 68486....24936 == 000 Strong	BR	SAT
	1535 - 1538z	21 Oct	798/00 == 000 Fair	JkC	TUE
	1535 - 1538z	25 Oct	798/00 (R3m) == 000 Strong	BR	SAT
	1535 - 1538z	28 Oct	798/00 == 000 Strong	JkC	TUE
9150	1320 - 1337z	02 Oct	434/33 == 44474 01230....53323 == 000 Fair	BR	THU
	1320 - 1323z	12 Oct	437/00 (R3m) == 000 Fair	BR	SUN
	1320 - 1323z	16 Oct	437/00 (R3m) == 000 Fair	BR	THU
	1320 - 1323z	23 Oct	437/00 (R3m) == 000 Weak	BR	THU
13911	1420 - 1438z	03 Oct	876/37 == 71053 88477....83530 == 000 Strong	JkC	FRI
	1420 - 1438z	05 Oct	876/37 == 71053 88477....83530 == 000 Strong	BR	SUN
	1420 - 1423z	10 Oct	879/00 (R3m) == 000 Good	BR	FRI
	1420 - 1423z	17 Oct	879/00	Ary/JkC	FRI
	1420 - 1423z	19 Oct	879/00 (R3m) == 000 Good	BR	SUN
	1420 - 1423z	24 Oct	879/00 == 000	Ary/JkC	FRI
	1420 - 1423z	31 Oct	879/00 == 000 Fair	JkC	FRI

M03 5463kHz 1320z 10 Sep14			
546/38 (R2m) = =			
28473	39621	33360	93255 95861
54380	50348	96676	20251 43383
64290	80678	71157	52516 17960
71551	59799	96905	67049 53551
15800	86928	29476	62881 24978
33231	68932	66840	22234 31969
04287	34642	19862	61195 81948
58113	42480	25366	= =
546/38 (single group repeat) = 000			
Courtesy		BR	

M03 13911kHz 1420z 03 Oct14			
876/37 (R2m) = =			
71053	88477	65908	35161 87969
72575	33285	47616	65621 93178
89741	95239	07952	48818 28124
94719	78788	25283	24111 20433
91170	88816	52460	23887 88244
32822	76700	78655	36330 99207
24183	35197	42772	31079 20951
81668	83530	= =	
876/37 (single group repeat) = 000			
Courtesy		JkC	

M03 6977kHz 1535z 14 Oct14			
795/38 (R2m) = =			
96643	68486	55881	28982 32659
55954	66994	55814	98252 27989
59988	98216	17899	37183 45017
35236	01358	21208	84000 42152
08045	99063	54144	72114 96787
73149	98263	11924	83788 14529
46596	72321	50689	23497 51020
77516	84789	24936	= =
795/38 (single group repeat) = 000			
Courtesy		JkC	

M08a XVIII ICW / CW, some MCW

Our Man in America, AnonUS, as usual, sends us his quality report on the Cuban activity;

M08a continued on all the known schedules over the last two months. Problems with the Morse generator led to some unusual call-ups heard on 16 Oct.

There was an indication of a possible new schedule at 1800z on 02 Oct. when M08a call-ups were audible underneath the HM01 transmission on 11635kHz. The call-ups were different from the 1400z TX so it doesn't seem that they just left that recording running.

Schedules appearing on the weekend always use the same call-ups and there is no discernible pattern to their appearance except perhaps that the 2300z will be on 8009kHz on a Saturday and 8135kHz on a Sunday.

The previously noticed pattern in the call-up numbers seems to be continuing and analysis of these is given after the logs.

September 2014:

7554	2000z	28 Aug	[-----]	Up late in progress.	AnonUS	THU
	2000z	29 Aug	[67181 88731 02252]		AnonUS	FRI
	2000z	01 Sep	[16411 20732 32162]		AnonUS	MON
	2000z	03 Sep	[27741 48471 52802]		AnonUS	WED
	2000z	04 Sep	No TX but audible hum similar to that heard on 8009kHz yesterday.		AnonUS	THU
	2000z	05 Sep	[-----]	Up late in progress.	AnonUS	FRI
	2000z	06 Sep	[18262 22501 35022]	Usual weekend call-ups	AnonUS	SAT
	2000z	07 Sep	Up early very weak, first call-up sounded like ?8222 (could be the expected 18262)		AnonUS	SUN
	2000z	09 Sep	[04852 17282 21611]		AnonUS	TUE
	2000z	15 Sep	[10032 22461 35782]		AnonUS	MON
	2000z	18 Sep	[80432 03751 16182]		AnonUS	THU
	2000z	21 Sep	[18262 22501 35022]		AnonUS	SUN
	2000z	23 Sep	[33371 46611 50032]		AnonUS	TUE
	2000z	24 Sep	[40802 53222 66651]		AnonUS	WED
	2000z	25 Sep	[26531 48261 43281]	Unusual, Two call-ups start with 4 and all three end with 1.	AnonUS	THU
	2000z	27 Sep	[18262 -----]	Up late, presumably the usual weekend call-ups.	AnonUS	SAT
	2000z	30 Sep	[13111 26542 30861]		AnonUS	TUE
8009	2300z	01 Sep	[88072 02301 15732]		AnonUS	MON
	2300z	03 Sep	Loud hum and occasional carrier but otherwise no TX.		AnonUS	WED
	2300z	08 Sep	[14062 26382 30622]	Hum still present.	AnonUS	MON
	2300z	13 Sep	[18262 22501 35022]	Usual weekend call-ups.	AnonUS	SAT
	2300z	17 Sep	No morse, loud hum with weak HM01 underneath.		AnonUS	WED
	2300z	22 Sep	[55732 -----]	Up late missed second and third call-ups.	AnonUS	MON
	2300z	29 Sep	[22172 -----]	Up late missed other call-ups.	AnonUS	MON
8096	1400z	27 Aug	[25611 46341 50662]		AnonUS	WED
	1400z	31 Aug	[18262 22501 35022]	Usual weekend call-ups	AnonUS	SUN
	1400z	01 Sep	[21182 32732 55251]		AnonUS	MON
	1400z	02 Sep	[70701 81441 04862]		AnonUS	TUE
	1400z	04 Sep	No TX but audible hum similar to that heard on 8009kHz yesterday.		AnonUS	THU
	1400z	05 Sep	[- - - 15462 28881]	Same hum as previous day, Morse came up eventually but hum remained.	AnonUS	FRI
	1400z	06 Sep	Loud hum but no Morse		AnonUS	SAT
	1400z	08 Sep	[63432 76861 80282]	Loud hum still audible.	AnonUS	MON
	1400z	09 Sep	[-----]	Came up for approx. 2 minutes, very weak. AR AR AR SK just audible	AnonUS	TUE
	1400z	10 Sep	[61432 74862 87281]		AnonUS	WED
	1400z	13 Sep	[18262 22501 35022]	Usual weekend call-ups.	AnonUS	SAT
	1400z	15 Sep	[22121 35451 48772]		AnonUS	MON
	1400z	16 Sep	[13002 26331 30652]		AnonUS	TUE
	1400z	17 Sep	[04402 16721 20252]		AnonUS	WED
	1400z	18 Sep	[88311 02732 15162]		AnonUS	THU
	1400z	21 Sep	[18262 22501 35022]		AnonUS	SUN
	1400z	22 Sep	[87851 01272 14511]		AnonUS	MON
	1400z	23 Sep	[26242 30661 43002]		AnonUS	TUE
	1400z	24 Sep	[- - - - - 24721]	Up very late, only last call-up transmitted.	AnonUS	WED
	1400z	29 Sep	[41861 54202 67521]		AnonUS	MON
	1400z	30 Sep	[06172 10401 23832]		AnonUS	TUE
8135	2300z	28 Aug	[56281 60622 83041]		AnonUS	THU
	2300z	31 Aug	[18262 22501 35022]	Usual weekend call-ups	AnonUS	SUN
	2300z	02 Sep	Loud hum and occasional carrier but otherwise no TX		AnonUS	TUE
	2300z	04 Sep	[42172 54411 77731]	Distorted Morse with same hum as heard on 8009kHz yesterday.	AnonUS	THU
	2300z	05 Sep	Loud hum only, no Morse		AnonUS	FRI
	2300z	09 Sep	[36652 40071 53412]		AnonUS	TUE
	2300z	11 Sep	[25171 37711 50232]		AnonUS	THU
	2300z	12 Sep	[64382 77721 01142]		AnonUS	FRI
	2300z	19 Sep	[85162 16812 21822]		AnonUS	FRI
	2300z	21 Sep	[18262 22501 35022]		AnonUS	SUN
	2300z	23 Sep	[78402 82731 05251]		AnonUS	TUE
	2300z	25 Sep	[58542 62071 74302]		AnonUS	THU
	2300z	28 Sep	[-----]	Just missed call-ups but first few groups of first message were the same as the 2000z TX on 27/9 so presumably the usual weekend call-ups here.	AnonUS	SUN

October 2014:

7554	2000z	02 Oct	HM01 on this frequency presumably by mistake.	AnonUS	THU
	2000z	03 Oct	Came up late, first call-up had a 5 in it.	AnonUS	FRI
	2000z	04 Oct	[18262 22501 35022]	AnonUS	SAT
	2000z	07 Oct	[74181 87412 10741]	AnonUS	TUE
	2000z	12 Oct	[18262 22501 35022]	AnonUS	SUN
	2000z	13 Oct	Up late in progress.	AnonUS	MON
	2000z	17 Oct	[17451 21782 33111]	AnonUS	FRI
	2000z	18 Oct	[18262 22501 35022]	AnonUS	SAT
	2000z	19 Oct	[18262 22501 35022]	AnonUS	SUN
	2000z	21 Oct	[61631 74062 86481]	AnonUS	TUE
	2000z	28 Oct	[04222 17551 21872]	AnonUS	TUE
	2000z	31 Oct	Up Late Missed Call-ups	AnonUS	FRI
8009	2300z	01 Oct	[21142 34371 47701]	AnonUS	WED
	2300z	06 Oct	[13871 25511 38042]	AnonUS	MON
	2300z	18 Oct	[- - - - -] In progress. Missed call-ups.	AnonUS	SAT
	2300z	22 Oct	[- - - - -] Carrier only no Morse.	AnonUS	WED
	2300z	28 Oct	[- - - - -] Up late, found in progress at 2310z, missed call-ups.	AnonUS	MON
	1400z	29 Oct	HM01 in CW mode with 02312 66361 64583 01601 50274 72822	AnonUS	WED
8096	1400z	01 Oct	[73881 86222 00641]	AnonUS	WED
	1400z	02 Oct	[10481 32722 45241]	AnonUS	THU
	1400z	06 Oct	[50022 63451 76772]	AnonUS	MON
	1400z	07 Oct	[67041 80771 02112]	AnonUS	TUE
	1400z	08 Oct	[45422 56152 62271]	AnonUS	WED
	1400z	09 Oct	[12552 23382 38312]	AnonUS	THU
	1400z	14 Oct	[03872 16211 20542]	AnonUS	TUE
	1400z	15 Oct	[- - - - - 06802 10221] Up 5 minutes late in progress	AnonUS	WED
	1400z	16 Oct	[62862 75201 88521]	AnonUS	THU
	1400z	20 Oct	[87701 01132 14452]	AnonUS	MON
	1400z	22 Oct	[4457? ???? ????] Problems with Morse generator unable to copy.	AnonUS	WED
	1400z	24 Oct	[34601 47032 51351]	AnonUS	FRI
	1400z	25 Oct	[- - - - - 22501 - - - -] Up late, seems to be usual weekend call-ups	AnonUS	SAT
	1400z	27 Oct	[- - - - -] Carrier up at 1404z no Morse.	AnonUS	MON
	1400z	28 Oct	[84702 07221 21551]	AnonUS	TUE
	1400z	29 Oct	[42821 25262 38582]	AnonUS	WED
	1400z	30 Oct	[18232 30862 43201]	AnonUS	THU
8135	2300z	02 Oct	HM01 on this frequency presumably by mistake.	AnonUS	THU
	2300z	07 Oct	[21801 34232 57552]	AnonUS	TUE
	2300z	09 Oct	[45311 58631 62062]	AnonUS	THU
	2300z	10 Oct	[12342 25661 38102]	AnonUS	FRI
	2300z	13 Oct	[82662 05181 17422]	AnonUS	MON
	2300z	14 Oct	[56641 60062 73401]	AnonUS	TUE
	2300z	16 Oct	[IWGEA IEIUI EIEUNE] Problems with Morse generator, the sequence shown was repeated during the call-up process.	AnonUS	THU
	2300z	21 Oct	[22781 35112 47441]	AnonUS	TUE
	2300z	23 Oct	[41682 53121 66442]	AnonUS	THU
	2300z	23 Oct	[87462 01782 14221]	AnonUS	FRI
	2300z	30 Oct	[88871 02212 25641]	AnonUS	FRI
11635	1800z	02 Oct	[- - - - - 32242 45561] Simultaneous with HM01	AnonUS	THU

Call-up Analysis

Analysis of the number order between call-ups using the procedure outlined in the March/April newsletter. The pattern follows that previously seen, in most cases.

25611 46341 50662 21 13 63 32	80432 03751 16182 11 33 33 23	12552 23382 38312 11 15 70 23
56281 60622 83041 12 33 43 32	85162 16812 21822 21 14 70 41	45311 58631 62062 11 33 33 23
67181 88731 02252 21 13 64 42	87851 01272 14511 11 33 33 23	12342 25661 38102 11 33 34 23
21182 32732 55251 12 13 64 41	26242 30661 43002 11 33 43 23	82662 05181 17422 11 32 43 23
16411 20732 32162 11 32 33 23	33371 46611 50032 11 33 33 32	03872 16211 20542 11 33 33 33
88072 02301 15732 11 33 34 23	78402 82731 05251 11 33 34 32	56641 60062 73401 11 33 34 23
70701 81441 04862 11 13 66 42	40802 53222 66651 11 33 34 23	- - - - - 06802 10221 ?1 ?3 ?3 ?2
27741 48471 52802 21 13 64 32	26531 48261 43281 20 24 60 32	17451 21782 33111 11 32 33 32
42172 54411 77731 12 23 33 32	58542 62071 74302 11 32 43 32	87701 01132 14452 11 33 33 32
63432 76861 80282 11 33 43 32	41861 54202 67521 11 33 33 32	61631 74062 86481 11 32 34 32
14062 26382 30622 11 23 33 32	06172 10401 23832 11 33 34 23	22781 35112 47441 11 32 33 23
04852 17282 21611 11 33 34 32	13111 26542 30861 11 33 43 32	83872 16301 20632 21 33 43 23 V
36652 40071 53412 11 33 34 23	73881 86222 00641 11 33 34 32	41682 53121 66442 11 23 43 32
61432 74862 87281 11 33 43 32	21142 34371 47701 11 33 24 32	34601 47032 51351 11 33 33 32
81682 04011 17442 11 33 34 22 V	10481 32722 45241 21 23 34 32	13211 36532 40061 21 33 34 23
25171 37711 50232 12 22 64 32	- - - - - 32242 45561 ?1 ?3 ?3 ?2	87462 01782 14221 11 33 34 23
64382 77721 01142 12 33 43 32	50022 63451 76772 11 33 43 32	84702 07221 21551 12 33 43 23
22121 35451 48772 11 33 33 32	13871 25511 38042 11 23 64 33	04222 17551 21872 11 33 33 32
10032 22461 35782 11 23 43 32	67041 80771 02112 21 22 73 33	04222 17551 21872 11 33 33 32
13002 26331 30652 11 33 33 32	74181 87412 10741 12 32 33 22	25262 38582 42821 11 33 33 23
04402 16721 20252 11 23 34 23	21801 34232 57552 12 33 33 32	18232 30862 43201 21 12 62 33
88311 02732 15162 11 33 43 24	45422 56152 62271 11 15 61 32	88871 02212 25641 12 33 34 33
		Courtesy AnonUS

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

To be read in conjunction with Brian's monthly logs available in the charts section. 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.

September 2014:

5792/6992/----	0430/0450/0510z	22 Sep	796 000		HFD	MON
6784/7684/----	0630/0650/0710z	11 Sep	761 000	QRM on 6784kHz	HFD	THU
6793/5893/----	2100/20/40z	03 Sep	785 000		HFD	WED
8047/6802/5788	1700/20/40z	01 Sep	463 1		HFD	MON
	1700/20/40z	08 Sep	463 1 (4528 155)	99268 49017....71365 000 000	Ary	MON
9176/7931/6904	1800/20/40z	01 Sep	257 1		HFD	MON
	1900/20/40z	01 Sep	257 1		HFD	MON
	1800/20/40z	08 Sep	257 1 (7114 58)	10376 15452....41179 000 000	Ary	MON
	1900/20/40z	08 Sep	257 1 (9856 102)	67110 94796....49582 000 000	Ary	MON
	1700/20/40z	11 Sep	257 1		HFD	THU
	1700/20/40z	18 Sep	257 1 (7381 58)	94219 ... 20719 000	Strong/Strong/Fair	THU
	1900/20/40z	18 Sep	257 1 (3355 70)	75207 ... 41025 000	Strong/Strong/Strong	THU
10343/9264/8116	1830/1850/1910z	16 Sep	124 1		HFD	TUE
	1700/20/40z	18 Sep	124 1 (2192 153)	01773 ... 74254 000	Strong/Strong/Strong	THU
	1800/20/40z	18 Sep	124 1 (731 83)	39634 ... 54777 000	Strong/Strong/Strong	THU
9264	1850z	09 Sep	124 1 (3528 60)	42178 ... 65641	Gert	TUE
8116	1840z	11 Sep	124 1 (7920 119)	32670 ... 89093	Gert	THU
	1830/1850/1910z	30 Sep	124 1 (4355 58)	63386 ... 29182 000	Strong	TUE
11435/10598/9327	1830/1850/1910z	24 Sep	938 1		HFD	WED
11469/10469/----	2110/30/50z	13 Sep	441 000		HFD	SAT
13386/12189/11491	1600/20/40z	11 Sep	725 1		HFD	THU
	1600/20/40z	18 Sep	725 1 (2558 110)	27915 ... 70811 000	Strong/Strong/Strong	THU
11491	1640z	11 Sep	725 1 (2127 111)	07616 ... 57359	Gert	THU
13873/13373/----	1310/30/50z	25 Sep	834 000		HFD	THU

M12 9176/7931/6904kHz 1800/1820/1840z 08 Sep14

257 257 257 1 (R2m)

7114 58 7114 58

10376 15452 97950 92330 70799 75788 33488 36203 56648 19656
 94469 19722 18878 44903 47508 81437 24181 61381 61128 34977
 60127 34566 57570 62406 80985 13518 47820 27680 63521 02770
 59511 42721 48750 61855 85797 75482 36300 16561 75819 25852
 29495 77906 43615 64469 59933 65061 67478 52852 73247 25883
 90486 00260 72313 24940 28018 98598 32085 41179
 000 000

Courtesy Ary

M12 9264kHz 1850z 08 Sep14

124 124 124 1 (R2m)

3528 60 3528 60

42178 29645 84725 97000 46356 72488 11903 99408 44005 05753
 19179 74997 73688 41229 72091 60864 91849 59301 05835 41196
 69165 26835 39533 61996 95419 98164 45735 05795 45444 33836
 52393 56146 17301 31624 54444 84305 30680 70835 71095 38014
 04668 64437 02915 93377 64715 11940 58905 32080 51609 63119
 23421 38019 41488 16391 90028 59538 72864 17019 16604 65641
 000 000

Courtesy Gert

October 2014:

4617/5317/----	0430/0450/0510z	06 Oct	638 000		HFD	MON
	0430/0450/0510z	20 Oct	638 000	Fair/Fair	JkC	MON
5814/5214/4614	2100/20/40z	01 Oct	826 000	Strong	JkC	WED
	2100/20/40z	08 Oct	826 1 (825 153)	19118 65665.....67273 000 000 26 WPM	Ary/HFD	WED
	2100/20/40z	15 Oct	826 000	Strong	JkC	WED
	2100/20/40z	22 Oct	826 1 (582 117)	63019 78219 ... 14308 000	Strong/Strong/Strong	WED
6784/7684/---	0630/0650/0710z	09 Oct	761 000		HFD	THU
	0630/0650/0710z	16 Oct	761 000	Weak/Fair	JkC	THU
7932	0520z	18 Oct	892 000		Ary	SAT
8047/6802/5788	1700/20/40z	01 Oct	463 1 (5616 95)	75838 ... 15182 000	Strong/Strong/Strong	WED
8047	1900z	06 Oct	463 1 (4327 55)	09283 32154....19988	Ary	MON
8047/6802/5788	1700/20/40z	15 Oct	463 1 (6840 99)	88929 ... 02172	Gert/JkC	WED
8047/6802/5788	1900/20/40z	16 Oct	463 1 (2785 59)	32403 ... 17286 000	Strong/Fair/Strong	THU
	1700/20/40z	20 Oct	463 1 (8334 144)	98026 ... 38483 000	Strong/Strong/Strong	MON
	1900/20/40z	20 Oct	463 1 (2028 73)	86278 ... 92811 000	Strong/Strong/Strong	MON
	1700/20/40z	22 Oct	463 1 (1012 77)	53454 ... 96543 000	Strong/Strong/Fair	WED
	1900/20/40z	23 Oct	463 1 (5657 69)	92099 ... 22892 000	Strong/Strong/Strong	THU

9176/7931/6904	1700/20/40z	02 Oct	257 1 (2525 63)	19570 ... 36166 000	Strong/Strong/Fair	JkC	THU
	1900/20/40z	02 Oct	257 1 (8859 66)	45376 ... 14676 000	Strong/Strong/Fair	JkC	THU
	1700/20/40z	16 Oct	257 1 (6872 70)	18257 ... 47010 000	Strong/Strong/Weak	JkC	THU
	1900/20/40z	20 Oct	257 1 (7476 119)	35735 ... 86337 000	Strong/Strong/Strong	JkC	MON
	1700/20/40z	23 Oct	257 1 (5918 65)	12177 ... 74788 000	Strong/Strong/Strong	JkC	THU
	1800/20/40z	30 Oct	257 1 (4209 94)	20206 ... 33258 000	Strong/Strong/Strong	JkC	THU
10269/9269/7969	2110/30/50z	01 Oct	229 000	Strong/Strong		JkC	WED
	2110/30/50z	04 Oct	229 000			HFD	SAT
	2110/30/50z	08 Oct	229 1 (6864 167)	59917 49084....04825 000 000	30 WPM	Ary	WED
	2110/30/50z	15 Oct	229 000	Fair/Fair		JkC	WED
	2110/30/50z	22 Oct	229 1 (2807 133)	05381 ... 54818 000	Fair/Fair/Fair	JkC	WED
	10343/9264/8116	1700/20/40z	124 1 (3365 148)	68944 ... 19275 000	Strong/Strong/Strong	HFD/JkC	THU
10343/9264/8116	1800/20/40z	02 Oct	124 1 (2516 109)	91949 ... 68079 000	Strong/Strong/Strong	JkC	THU
	1830/1850/1910z	07 Oct	124 1 (8843 63)	11628 ... 54785 000	Strong/Strong/Strong	JkC	TUE
	1830/1850/1910z	14 Oct	124 1 (8471 64)	21251 ... 49831 000	Strong/Strong/Strong	JkC	TUE
	1700/20/40z	16 Oct	124 1 (7036 149)	99209 ... 06938 000	Strong/Strong/Strong	JkC	THU
	1800/20/40z	16 Oct	124 1 (3201 118)	68185 ... 64606 000	Strong/Strong/Strong	JkC	THU
	1830/1850/1910z	21 Oct	124 1 (8045 56)	63423 ... 78484 000	Strong/Strong/Strong	JkC	TUE
	1700/20/40z	23 Oct	124 1 (5494 147)	88584 ... 08361 000	Strong/Strong/Strong	JkC	THU
	1800/20/40z	23 Oct	124 1 (4780 108)	35893 ... 06727 000	Fair/Fair/Fair	JkC	THU
	1930/1950/2010z	28 Oct	124 1 (4067 59)	10517 ... 37371 000	Strong/Strong/Strong	JkC	TUE
	1800/20/40z	30 Oct	124 1 (3699 154)	20780 ... 10704 000	Strong/Strong/Strong	JkC	THU
	1900/20/40z	30 Oct	124 1 (7969 110)	12160 ... 55687 000	Strong/Strong/Strong	JkC	THU
11435/10598/9327	1830/1850/1910z	01 Oct	938 1 (3390 64)	11073 ... 05562 000	Strong Strong/Strong/Strong	JkC	WED
	1600/20/40z	06 Oct	938 1			HFD	MON
	1830/1850/1910z	15 Oct	938 1 (4213 55)	21446 ... 55146 000	Strong/Strong/Strong	JkC	WED
	1600/20/40z	20 Oct	938 1 (5892 120)	61915 ... 89900 000	Strong/Strong/Strong	JkC	MON
12214/10814/9214	1310/30/50z	11 Oct	282 1			HFD	SAT
	1310/30/50z	25 Oct	282 000	Strong/Strong		JkC	SAT
13386/12189/11491	1600/20/40z	02 Oct	725 1 (3316 120)	72354 ... 60386 000	Strong/Strong/Strong	JkC	THU
	1600/20/40z	16 Oct	725 1 (5760 112)	74220 ... 96519 000	Strong/Strong/Strong	JkC	THU
	1600/20/40z	23 Oct	725 1 (3111 115)	68063 ... 79784 000	Strong/Strong/Strong	JkC	THU
	1700/20/40z	30 Oct	725 1 (7739 111)	98453 ... 30266 000	Strong/Strong/Strong	JkC	THU

M14 IA MCW / ICW / MCWCC, short 0

September 2014:

5463	1920z	10 Sep	537 (621 020)	51059 23438 76167.....17105	385 020 00000*	HFD/JkC/RNGB	WED
5477	1800 - 1804z	05 Sep	382 00000	Strong/Fair		JkC/Spectre	FRI
5944	1700 - 1704z	05 Sep	382 00000	Strong/Fair	52 60081 2994 710 (1705z)**	JkC/Spectre	FRI
5947	1820 - 1830z	09 Sep	342 (752 020)	44108 ... 82828 752 20 00000	Fair	GD/HFD/Spectre	TUE
10423	1230 - 1250z	18 Sep	058 (461 59)	00307 ... 65392 461 59 00000	Fair	Spectre	THU

* Unusual ending noted by Richard (RNGB) & Jim (JkC). Note the ending DK does not correspond with the DK used at the start of msg. Jim also reports that the msg was a repeat of 08 April 2014 - but with different call-up & DKs.

** Jim (JkC) noted that M14 was a null message, but seconds after it stopped, the digits '52 60081 2994 710' were sent. He can't be 100% sure it was M14, but strength and pitch sounded the same.

M14 5847kHz 1820z 09 Sep 14
346 (R3m) 752 752 20 20 ==
44108 38962 04169 25742 58457
96892 92665 91221 97442 52207
69143 30172 87088 13167 83155
41364 18451 28305 68131 82828
==
752 752 020 020 00000
<i>Courtesy Spectre</i>

M14 5463kHz 1920z 10 Sep 14
537 (R3m) 621 621 020 020 ==
51059 23438 76167 25680 94045
26295 92184 44625 57552 67851
95578 17869 75794 68461 80694
32456 21369 84274 96823 17105
==
385 385 020 020 00000
(Different DKs at start & end of msg)
<i>Courtesy RNGB</i>

M14 10453kHz 1230z 18 Sep 14
058 (R3m) 461 461 59 59 ==
00307 33014 76181 38701 85230
01672 09515 35254 13181 57088
13650 34818 23713 64628 82293
15470 27703 56091 36531 68052
81481 98753 15846 80489 52186
40870 99381 12831 36721 25244
67532 73955 89025 44296 71051
35871 35324 99871 46548 82053
37676 68812 27235 46159 65392
==
461 469 59 59 00000
<i>Courtesy Spectre</i>

October 2014:

5464	1910 - 1915z	15 Oct	537 (621 020) 51059 ... 17105 385 020 00000 Strong Sent mismatched DK in preamble and postamble (621 and 385) (Repeat of 11 Dec 2013 & 08 April 2014 with different ID/DK)	JkC	WED
5477	1800 - 1804z	03 Oct	382 00000 Fair	JkC	FRI
	1800 - 1804z	17 Oct	382 00000 Strong	JkC	FRI
5944/5945	1700 - 1704z	03 Oct	382 00000 Fair	JkC/RNGB	FRI
5945.5/5944	1700 - 1704z	17 Oct	382 00000	Ary /JkC	FRI
5947	1820 - 1828z	14 Oct	346 (752 020) 44108 ... 82828 00000 Strong (Repeat of 10 June 1820z with different ID/DK)	JkC	TUE
10212	1301 - 1312z	21 Oct	636 (748 50) 58556 84577 ... 71205 (Remote tuner Finland)	JPL	TUE
18041	0500 - 0515z	16 Oct	952 (861 55) = 54724 ... 68084 Strong via remote tuner, Hong Kong	JkC	THU
	0500 - 0513z	17 Oct	952 (313 50) = 99253 ... 52281 Fair via remote tuner, Hong Kong	JkC	FRI
	0500 - 0514z	20 Oct	952 (847 60) = 46817 ... 21047 Strong via remote tuner, Hong Kong	JkC	MON
	0500 - 0445z	21 Oct	952 (714 60) = 79320 ... 19559 Fair	JkC	TUE
	0501 - 0514z	22 Oct	952 (686 50) = 87977 ... 48123 Strong via remote tuner, Hong Kong	JkC	WED
	0500 - 0514z	23 Oct	952 (474 50) = 76011 ... 90030 Strong via remote tuner, Hong Kong	JkC	THU
	0500 - 0514z	28 Oct	952 (313 60) = 84197 ... 18745 Strong via remote tuner, Hong Kong	JkC	TUE
	0500 - 0510z	30 Oct	952 (481 50) = 56358 ... 60008 Fair via remote tuner, Hong Kong	JkC	THU

M14a (two message variant)

No reports

M23 O ICW

No reports

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

See also report 'Transmissions from S06 & M24' at the beginning of the Morse section.

6794	2030 - 2045z	20 Oct	381 (957 103) = 40115 ... 38966 = 957 103 00000 Strong	JkC	MON
6800*	0430 - 0445z	21 Oct	381 (957 103) = 40115 ... 38966 = 957 103 00000 Strong <i>*Moved up 6kHz from last night</i>	JkC	TUE
7664	2000 - 2015z	20 Oct	381 (957 103) = 40115 ... 38966 = 957 103 00000 Strong 25 wpm	JkC	MON
	0400 - 0415z	21 Oct	381 (957 103) = 40115 ... 38966 = 957 103 00000 Strong	JkC	TUE

M24a (two message variant)

No reports

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

No Reports, but we have Token's latest Schedule chart for both V24 & M94. Thanks T!

V24 and M94 schedule, forth quarter, 2014**V24/M94 schedule Version 8.0**

Day	1240	1300	1330	1400	1430	1500	1530	1600	1630
1									
2									
3									
4									
5					6310		5290		
6			6215		6310		5290		
7									
8									
9									
10									
11									
12									
13									
14									
15			6215		6310				
16			6215		6310				
17									
18						4900			
19						4900			
20									
21							5290		
22							5290		
23									
24									
25			5715						
26			6215						
27									
28									
29									
30									
31							4900		

Note reactivation of long time frequency 6215 kHz. Transmission on 5715 on the 25 day of the month seen only one time, and may have been an error, 6215 kHz was anticipated during that time slot. Several transmissions during the monitored dates showed either low audio or no audio.

M97 CW, partner station to V30 10375kHz Starts 1453 - 1500z (Variable) .

Due to the poor reception of this signal in both the UK and Canada, GlobalTuners receivers at Hong Kong, Mojave Desert & Sydney - as well as the Twente SDR, were used frequently to confirm the msg detail. Reception in S.E. England has been quite good from Mid- September, with transmissions in Sept & Oct being clearly audible.

M97 is still sending msg SD 84, the same message it has been transmitting intermittently now since August 09 2013.

10375	1457 - 1518z	23 Sep	SD84 SN58	Fair Sig into S.E. England	BR	TUE
10375	1458 - 1519z	24 Sep	SD84 SN58	Fair Sig into S.E. England	BR	WED
		25 Sep	<i>(Not monitored - possibly active)</i>			
10375	1458 - 1519z	26 Sep	SD84 SN58	Fair Sig into S.E. England	BR	FRI
10375	1458 - 1519z	01 Oct	SD84 SN58	Weak Sig into S.E. England	BR	WED
10375	1458 - 1519z	02 Oct	SD84 SN58	V.Weak Sig into S.E. England	BR	THU
10375	1500 - 1522z	08 Oct	SD84 SN58	V.weak Sig into S.E. England	BR	WED
10375	1500 - 1522z	09 Oct	SD84 SN58	Weak Sig into S.E. England.	BR	THU
10375	1500 - 1522z	10 Oct	SD84 SN58	Fair Sig into S.E. England.	BR	FRI

Morse Stations - Not Number Related

M51 XIX

3881//6825	1115 (IP) - 1129z	11 Sep	NR 10 S 11 13:19:33 2014 BT etc. (5 ltr grps). (Stopped to allow for regular M51 transmission at 1130z)			BR	THU
5453	1800 (IP) - 2300z +	16 Sep	NR 69 S 16 20:06:14 2014 BT etc. (5 ltr grps)			BR	TUE
6853	1335 (IP) - 2330z +	22 Sep	NR 40 S 22 15:40:16 2014 BT etc. (5 ltr grps)			BR	MON

M51a (FAV22) Daily Mon - Fri, Sun & some Sats. See NL 72 for details

3881//6825									
	1130 - 1200z	09 Sep	Mardi-Lecon	12-1/1 Codé,	12-1/2 Clair,	12-1/3 Codé,	12-1/4 Clair (600 grps/hr)	BR	TUE
	1130 - 1204z	10 Sep	Mercredi-Lecon	13-1/1 Codé,	13-1/2 Clair,	13-1/3 Codé,	13-1/4 Clair (720 grps/hr)	BR	WED
	1130 - 1155z	11 Sep	Jeudi-Lecon	14-1/1 Codé,	14-1/2 Clair,	14-1/3 Codé,	14-1/4 Clair (840 grps/hr)	BR	THU
	1130 - 1203z	12 Sep	Vendredi-Lecon	15-1/1 Codé	15-1/2 Clair,	15-1/3 Codé,	15-1/4 Clair (960 grps/hr)	BR	FRI
	1130 - 1210z	15 Sep	Lundi-Lecon	11-2/1 Codé	11-2/2 Clair,	11-2/3 Codé,	11-2/4 Clair (420 grps/hr)	BR	MON

M89 O

This is a summary of activity from the M89 stations. To be read in conjunction with JPL's full logs which can now be found in the charts section.

Operator Chat from M89

Op. chat & traffic reported on the following freqs. (See JPL's full logs for details).

3519	5110	5313	6451	7182	8012	10181
3845	5130	5314	6636	7609	8062	10192
	5176	5325	6666	7744	8073	10252
	5205	5331	6677	7777	8082	10334
4000	5215	5351	6813	7778	8212	10876
4030	5220	5381	6818		8245	10892
4241	5230	5383	6936		8888	
4444	5236	5535				
4777	5293	5555				
4532		5648				
		5688				

New Scheds for Sep/Oct 2014:

From logs submitted from JPL

4532//8060	New pairing for this round slip	First heard 01 Sep	V M8JF (x3) DE RIS9 (x2)
4532//6793	New pairing for this round slip	First heard 08 Sep	V M8JF (x3) DE RIS9 (x2)
11372//NRH	New frequency for this round slip	First heard 15 Sep	V JKDJ (x3) DE SLBC (x2)

Chart of M89 Freq & Call signs heard in Sep/Oct 2014

New Schedules shown in Bold Type

<u>Freq in KHz</u>	<u>Call Slip</u>
3300//NRH	V MW3D (x3) DE 2SLC (x2)
3642//7602	V DKG6 (x3) DE 3A7D (x2)
3777//4532	V M8JF (x3) DE RIS9 (x2)
3820//5657	V GKLO (x3) DE TYUI (x2)
4131//NRH	V JKDJ (x3) DE SLBC (x2)
4225//NRH	V (x3) 7NPE (x3) DE QV5B (x2)
4567// 6793	V M8JF (x3) DE RIS9 (x2)
4532// 8060	V M8JF (x3) DE RIS9 (x2)
4860// 6840	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ?
5177//NRH	V JKDJ (x3) DE SLBC (x2)
5500//NRH	V 7NPE (x3) DE QV5B (x2)

<u>Freq in kHz</u>	<u>Call Slip</u>
5588//NRH	V MW3D (x3) DE 2SLC (x2)
5657//NRH	V GKLO (x3) DE TYUI (x2)
5801//10180	V DKG6 (x3) DE 3A7D (x2)
6793//8060	V M8JF (x3) DE RIS9 (x2)
6840//NRH	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K
6840//10640	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K
7582//8110	V 7NPE (x3) DE QV5B (x2)
8060//NRH	V M8JF (x3) DE RIS9 (x2)
8072//10421	V GKLO (x3) DE TYUI (x2)
8110//NRH	V 7NPE (x3) DE QV5B (x2) (Cont'd)
10180//NRH	V DKG6 (x3) DE 3A7D (x2)

Courtesy JPL

Marker Beacons (MX MXI)

4557.7	0120z	24 Sep	MXI	CW	Beacon "D"	Sevastopol	BR	WED
5153.7	0127z	24 Sep	MXI	CW	Beacon "D"	Sevastopol	BR	WED
5153.9	2106z	03 Oct	MXI	CW	Beacon "S"	Sevoromorsk	BR	FRI
6917.5	0129z	24 Sep	MX	CW	Beacon "L"	St Petersburg	BR	WED
6928	0130z	24 Sep	MX	CW	Beacon "V "	(Marker)	BR	WED
7038.7	0132z	24 Sep	MXI	CW	Beacon "D"	Sevastopol	BR	WED
8497.8	1349z	02 Oct	MX	CW	Beacon "L"	St Petersburg	BR	THU
10871.7	0136z	24 Sep	MXI	CW	Beacon "D"	Sevastopol	BR	WED
10871.9	1346z	02 Oct	MXI	CW	Beacon "S"	Sevoromorsk	BR	THU
10872	1345z	02 Oct	MXI	CW	Beacon "C"	Moscow	BR	THU
13527.7	1143z	24 Sep	MXI	CW	Beacon "D"	Sevastopol	BR	MON
13527.9	16140z	02 Oct	MXI	CW	Beacon "S"	Sevoromorsk	BR	MON
13528	1340z	02 Oct	MXI	CW	Beacon "C"	Moscow	BR	THU
16331.7	1140z	24 Sep	MXI	CW	Beacon "D"	Sevastopol	BR	WED
16332.0	1141z	24 Sep	MXI	CW	Beacon "C"	Moscow	BR	WED

'D' Beacon Anomaly - Thu 25 Sept

The Russian 'D' beacons on 25 Sept were sending a short sequence repeated, possibly due to a problem or error. On the frequencies 4557.7, 5153.7 & 7038.7kHz – Usually the 'D' beacon, the following sequence was being sent ODBDBO (Repeated continuously). This had been corrected by the following night.

Oddities
S32 'Squeaky Wheel'

3828	0140z	24 Sep	S32	'Squeaky Wheel' marker	USB	BR	WED
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3830 seems to be the current centre freq

S30 'The Pip'

3756	2018z	25 Sep	S30	'Pip' marker (Night freq)	USB	BR	WED
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Contributors: AnonUS, Ary, BR, CB, GD, Gert, HFD, HRT, JkC, JPL, RNGB, Spectre, tiNG, *Thank you all for your logs.*

PoSW's E06 ENGLISH OM

As with other members of this number station family, seasonal changes of frequency expected at this time of the year.

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

18-Sept-14:- 5,186 kHz, started early, "891" call-up was in progress when tuned in just over a minute before the half-hour. Unusually this was transmitted in upper side-band suppressed carrier mode, receiver needed to be in "USB" to render the speech intelligible. Not entirely unknown, and explains why there was no carrier warming up 5,186 when checked several times in the preceding half-hour. DK/GC "237 237 20 20". 5F message was the same one noted in the past from both E06 and G06, starts "37839 35787....." and ends ".....75924 04594". Having started early was over and done with by 2035 UTC. Has moved from 5,948 kHz used in the summer months, inside the 49 metre band and largely unreadable due to a strong broadcast station on 5,950.

2-Oct-14:- 5,186 kHz, almost missed it having lost track of the time and the fact that this was the first Thursday in October, just caught the last few 5F groups at around 2037 UTC and the ending, "237 237 20 20 00000".

16-Oct-14:- 5,186 kHz, started almost a full minute before the half-hour, call "891", DK/GC "237 237 20 20", the 5Fs continue to be the ever popular "37839 35787 98273..." sequence. S9 with good audio.

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

19-Sept-14:- 5,197 kHz, seasonal change from the summertime frequency of 5,731 kHz. As with the 2030 UTC sending yesterday this was transmitted in USB suppressed carrier mode. Call "634" and "921 921 20 20".

3-Oct-14:- 5,197 kHz, "634" and "921 921 20 20", with carrier although the impression is that it is at a reduced level, always sounds better with the receiver in USB mode and the carrier tuned for zero beat.

17-Oct-14:- 5,197 kHz, "634" and "921 921 20 20", S9 with good audio.

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

10-Sept-14:- 1920 UTC, 4,482 kHz, started about 30 seconds early, "376 376 376 00000", S7 to S8, had that ghastly "rasping" effect on the speech as I call it for want of a better description.

2020 UTC, 3,744 kHz, again started about half a minute early, second sending also with distorted speech. Inside 80 metre amateur band, chatter from SSB stations on close frequencies. Was noted warming up the frequency around 1947 UTC calling "0-1-2-3-4" several times.

8-Oct-14:- 1920 UTC, actually no voice heard until shortly before 1921 UTC, 4,482 kHz, "376 376 376 00000", S7 to S8, local "hash" RF interference starting to become a problem at these lower frequencies, good audio. 2020 UTC, 3,744 kHz, second sending, so the same frequencies as in September.

Sunday 1120 UTC + 1220 UTC Schedule Following Second Wednesday in the Month:-

14-Sept-14:- 1120 UTC, started around 30s early as with the Wednesday transmissions, 7,885 kHz, "376 376 376 00000". Very weak signal, just about detectable with the receiver in USB mode. This frequency was used in March and April of this year with the 1220 UTC sending on 6,963 kHz.

1220 UTC, 6,963 kHz, second sending? Something there, extremely weak, listening with headphones and every piece of equipment with digital circuitry or a switch-mode power supply in the house unplugged from the mains to eliminate RF hash interference, fairly sure I could hear the spoken rhythm of the five x "zero".

12-Oct-14:- 1120 UTC, 7,885 kHz, "376 376 376 00000", same frequency as in September, much stronger signal than then, up to S7. Good audio, none of that "rasping".

1220 UTC, 6,963 kHz, second sending. Again, much stronger than last time, S4 or so, clear copy especially with the receiver in USB mode.

Straight on to RRGB's and others logs

E06 Sept/Oct log:

Second Wednesday 1920z/2020z 4482kHz/3744kHz

10/09 '376' 00000 (distorted audio)
08/10 '376' 00000 Weak QRN4 QSB3

Sunday following second Weds 1120z/1220z 7885/6963kHz

14/09 '376' 00000
12/10 '376' 00000

First/Third Thursday of month 2030z 5186kHz

04/09 & 18/09
'891' 237 20
37839 35787 98273 60187 16202 95625 31691 52538 61025 22567
93296 67423 40968 16891 63781 34820 04842 60491 75924 04594
237 20 00000

Friday following First / Third Thursday 2130z 5197kHz

05/09 & 19/09
'634' 921 20
14259 22676 32782 32782 76723 89409 12215 74326 64070 90235
38085 59543 12319 74238 36664 12256 18841 73311 98089 12250
931 20 00000

First /Third Thursday (repeats Friday) 0500z/0600z 15860kHz/17450kHz

0500/0600z 04/09 & 18/09 '354' 672 108 96034 ... 82169 672 108 00000
354 672 108
73785 87250 47557 12795 80382 55617 92755 56938 63568 16758
65029 53794 38483 10405 58233 92583 36034 14903 58099 47059
25449 53715 43548 94808 84586 40712 81849 36805 16429 56404
78568 90878 35209 72331 68228 88812 70608 65774 56644 31724
63448 91991 50845 83447 51332 06161 37537 06586 67660 52216
96034 70928 02467 60767 56603 88915 98502 23286 40153 57851
81020 34752 40217 13525 44677 21945 33142 24966 46010 99562
27457 84980 74917 21366 88322 76194 03577 18525 98030 17256
36240 42361 38460 18911 08354 53675 06459 04627 08427 25838
98061 75457 21086 53847 22501 23825 14773 86517 31935 25924
22493 24011 77837 67427 89078 47888 29989 82169
672 108 00000

0600z/0700z 17475kHz/19270kHz

02/10 & 16/10 '186' 537 104 15690 46204 24021 20319 67777 09447 37372.....71211 59031

Unscheduled

E06a 20137kHz 1513z 02/10[I/P 29353 372 60 00000]1515z Strong
QRM1 QSB1 JkC THU
E06a 18724kHz 1600z 02/10 '548' 901 2 11111 00055 901 2 548 372 60 14409 ...
29353 372 60 00000 1615z Strong QRM1 QSB1 JkC THU (see transcript)

Transcripts

E06a 20137kHz/18724kHz 1513z/1600z 02/10
'548' 901 2 11111 00055 901 2 (1604z)
'548' 372 60 (1605z)
14409 06103 95141 09615 35522 93545 54920 87248 46994 15379
26184 52796 14515 20136 27066 49230 89536 23075 98775 82192
73193 69481 40853 89982 34989 71888 16044 61692 72215 50920
73242 45673 21036 34428 61936 15518 55154 94620 36600 85755
33023 27866 74457 94435 79551 06857 55068 94800 13153 59833
75163 23219 54229 56530 97176 35583 75875 05569 54902 29353
372 60 00000

E06 - 10 October 2014 - Fri - 17:40 - 13457 USB
E06 - 10 October 2014 - Fri - 18:40 - 10204 USB

'634' 109 52
18442 96169 83518 34326 86365 99859 75337 25408 27390 61471
07931 21510 25819 04455 83195 30335 86260 57294 45777 61224
60964 83949 04015 73613 10850 82744 93161 36912 23666 70911
66837 31501 37713 96963 27638 45524 44574 48083 32838 47178
69281 44722 36140 37167 51367 39595 51382 11027 75227 63252
49165 85999
109 52 00000

E06a 17470kHz 1639z 17/10[I/P ... 24901 684 51 00000]1644z Strong QRM1 QSB3 JkC FRI
E06a 15836kHz 1730z 17/10[302 517 2 11111 00059 517 2 302 684 51 80959 ... 24901 684 51 00000]1744z Strong QRM1 QSB3 JkC FRI (see transcript)

'302' 517 2 11111 00059
'517' 2
'302' 684 51
80959 13629 02006 16906 20854 34755 34547 07438 78956 84016
32325 42246 25463 93233 33612 83563 00911 86943 45343 62339
16368 77095 85352 33138 46684 23082 51257 62344 90258 24284
51947 29348 93731 37324 62611 45418 65072 35222 89229 19923
23469 50618 53481 28616 59484 70278 33998 63654 03891 73052
24901
684 51 00000

9075kHz 1600z 08/10 '509' 462 108 40190 ... 41402 462 108 00000(f)] 1620z Fair QRN3 QSB3 WED

12207kHz 1130z 08/10 '509' 462 108 40190 ... 41402 462 108 00000(f)] 1150z Fair QRN3 QSB3 WED
1130z 22/10 '509' 00000 1134z Fair QRN3 QSB3 WED

9075/12207kHz 1130/1600z 08/10 Transcript:

'509' 462 108
40190 02169 25359 93910 24929 57918 34281 15890 97145 71958
18795 92367 59734 31895 83425 90145 71252 50206 16378 50863
38403 13865 23826 07045 65914 97086 05971 38424 28480 80814
37051 40859 97929 90850 20815 76783 06206 25250 25379 21714
48595 10862 97262 89072 49863 39378 24194 06453 93638 58964
07192 54502 91854 97301 85356 34237 68548 30236 82540 37987
51526 79456 31276 21609 46037 43432 45420 78701 53571 27196
65703 49405 35237 50158 24303 71343 06319 23210 01623 73452
95409 64201 52915 93917 79373 87060 91424 74813 64026 89091
50186 93156 54864 71946 23057 46980 32768 39295 18384 63690
52547 98520 12137 24957 51767 23767 57593 41402
462 108 00000

13457kHz 1740z 10/10 '634' 109 52 18442 ... 85999 109 52 00000(f)] 1754z Fair QRN3 QSB3 FRI

12207kHz

1130z	22/10	'509' 00000		
1600z	22/10	'509' 00000	1604z Fair QRN3 QSB3	WED

With thanks to: Karsten, Spectre, Ary, RRGB, Malc, JkC

E07

PoSW comments and logs:

No big surprises, each schedule using the same trio of frequencies as in the same month in past years. Expected to move by one hour with the end of British Summer Time so will still show up at the same clock time in the UK.

Sunday + Wednesday Schedule, 1700 UTC Start:-

10-Sept-14, Wednesday:- 1700 UTC, 13,527 kHz, "526 526 526 000", peaking over S9 with reasonable audio.
1720 UTC, 12,227 kHz, second sending, S9.

14-Sept-14, Sunday:- 1700 UTC, 13,527 kHz, "526 526 526 1", DK/GC "845 137" x 2. S9+ with good audio, better than the E07 usual. Cluster of Single Letter Morse Transmissions near this frequency, "S" the strongest.
1720 UTC, 12,227 kHz, second sending, also S9+ with good audio.
1740 UTC, 10,627 kHz, third sending, again S9+ with good audio.

24-Sept-14, Wednesday:- 1700 UTC, 13,527 kHz, "526 526 526 000", S9, audio low but readable. SLT cluster busy, "D" the strongest, "S" only slightly weaker.
1720 UTC, 12,227 kHz, second sending.

28-Sept-14, Sunday:- 1700 UTC, 13,527 kHz, "526 526 526 1" for a full message, DK/GC "525 114" x 2. Peaking S9+ with good audio.
1720 UTC, 12,227 kHz, second sending, S9+ with good audio.
1740 UTC, 10,627 kHz, third sending, also S9+ with good audio.

1-Oct-14, Wednesday:- 1700 UTC, 13,376 kHz, "317 317 317 1", DK/GC "525 114" x 2, looks like the same message from the end of last month. S8 to S9 with deep QSB.
1720 UTC, 12,176 kHz, second sending, peaking well over S9.
1740 UTC, 10,776 kHz, third sending.

5-Oct-14, Sunday:- 1700 UTC, 13,376 kHz, "317 317 317 000", up to S9+ with reasonable audio.
1720 UTC, 12,176 kHz, second sending, S9+.

15-Oct-14, Wednesday:- 1700 UTC, 13,376 kHz, and 1720 UTC, 12,176 kHz, both S9+, "317 317 317 000".

19-Oct-14, Sunday:- 1700 UTC, 13,376 kHz, "317 317 317 1", DK/GC "497 107" x 2, S9+ with good audio.
1720 UTC, 12,176 kHz, second sending, S9.
1740 UTC, 10,776 kHz, third sending, S9 with deep QSB.

Monday + Wednesday Schedule, 1900 UTC Start:-

8-Sept-14, Monday:- 1900 UTC, 12,108 kHz, "172 172 172 1" for a full message, DK/GC "582 114" x 2. S9+ with good audio, better than your usual E07.
1920 UTC, 10,708 kHz, second sending, S9+ with good audio.
1940 UTC, 9,208 kHz, third sending, also S9+ with good audio.

15-Sept-14, Monday:- 1900 UTC, 12,108 kHz, "172 172 172 1", DK/GC "516 90" x 2, S9+ with reasonable audio.
1920 UTC, 10,708 kHz, second sending, S9+, idling FSK signal on a close frequency.
1940 UTC, 9,208 kHz, third sending, S9 with deep QSB.

1-Oct-14, Wednesday:- 1920 UTC, 9,243 kHz, "229 229 229 000", S9 with reasonable audio.

6-Oct-14, Monday:- 1900 UTC, 10,243 kHz, “229 229 229 000”, S9+ with good audio, slight interference from a widespread “buzz” extending from approx. 10,215 to 10,245 kHz.

1920 UTC, 9,243 kHz, second sending, peaking S9+.

13-Oct-14, Monday:- 1900 UTC, 10,243 kHz, “229 229 229 1”, DK/GC “223 86” x 2, S9 with audio somewhat low in relation to carrier strength but readable.

1920 UTC, 9,243 kHz, second sending, appeared to drop carrier for a fraction of a second during the call-up.

1940 UTC, 7,943 kHz, third sending, strong “XJT” churning away on the LF side.

Thursday Schedule, 2010 UTC Start:-

11-Sept-14:- 2010 UTC, 9,387 kHz, “358 358 358 000”, difficult copy due to strong broadcast station on 9,390, just about readable with receiver in LSB mode.

2030 UTC, 7,526 kHz, second sending, much better.

2-Oct-14:- 2010 UTC, 7,516 kHz, “584 584 584 000”, peaking over S9, audio low but readable.

2030 UTC, 5,836 kHz, second sending, S9.

9-Oct-14:- 2030 UTC, 5,836 kHz, “584 584 584 000”, S9, audio low but readable.

Other’s logs

September 2014

Sundays/Wednesdays

1700z	13527kHz	1720z	12227kHz	1740z	10627kHz
03/09	526 000				Strong
07/09	526 000				Strong
10/09	526 000				Strong
14/09	526 1 845 137 54365 ... 05573 000 000				Fair, good audio
21/09	526 000				Very strong
24/09	526 000				Fair, noisy
28/09	526 1 525 114 47427 ... 78338 000 000				Very strong

October 2014

Sundays/Wednesdays

1700z	13376kHz	1720z	12176kHz	1740z	10776kHz
01/10	317 1 525 114 47427 ... 78338 000 000				Fair
05/10	317 000				Fair, poor audio
12/10	317 000				Fair
15/10	317 000				Strong
19/10	317 1 497 107 62026 ... 02272 000 000				Fair, noisy
22/10	317 1 497 107 62026 ... 02272 000 000				Strong

E07 13376kHz/12176kHz/10776kHz 1700z/1720z/1740z 22/10

317 1 497 107
62026 35165 18512 64095 34268 36158 39514 03199 30546 57417
18664 39346 84544 30310 98059 92473 14747 45888 69101 75637
35694 62937 51843 38920 19614 19137 65227 26426 81411 54662
94803 56692 66385 43778 96907 16879 21163 19009 10787 07833
40823 09297 64369 75064 94638 08032 35167 57358 87985 46945
71742 02980 97966 97336 15324 85906 44227 68017 09827 96345
91679 01500 70712 90103 78097 88676 68522 28890 88582 48214
61005 56130 58632 59686 64836 35110 67498 04006 59574 96479
77442 82104 23122 53606 74160 80425 36530 42403 77372 79558
86247 29470 08040 28802 38098 01880 66800 13132 43574 25820
53141 09680 40080 33537 13886 09628 02272
000 000

Courtesy JkC

26/10	317 000	Very strong
29/10	317 000	Strong

September2014**Mondays/Wednesdays**

1900z	12108kHz	1920z	10708kHz	1940z	9208kHz
01/09	172 10948 74 37997 ... 80559 000 000				Strong
03/09	172 000				Fair
08/09	172 1 582 114 86490 ... 38182 000 000				Fair, noisy
	172 172 172 1 582 114 582 114 86490 31006 28630 40238 81098 48801 20320 41319 44540 19119 40069 37497 53583 79964 69243 74739 73776 46820 60393 55412 76062 67050 59896 47174 78874 02519 71371 03689 26112 96869 58391 77710 14436 64061 46871 53862 77456 48081 56604 21993 08163 09253 39267 71514 80217 28984 89245 48899 09518 54508 71815 76300 15215 76893 50589 07810 06854 63205 61341 08724 38407 62306 28568 28730 84992 55696 28816 22888 65011 21585 24986 57013 29495 71575 73454 64036 44628 74869 46826 67753 46711 46735 30110 95714 12654 63823 48818 90659 69618 89142 37806 73363 77613 75152 43603 99675 47173 90120 62082 56821 06018 62782 99351 92464 94817 63666 64762 59302 25238 91130 72147 26523 65315 38182 000 000				Courtesy AB
10/09	172 000				Strong
15/09	172 1 518 90 86740 ... 52021 000 000				Fair/Strong
22/09	172 1 361 62 80630 ... 70618 000 000				Fair
24/09	172 1 361 62 80630 ... 70618 000 000				Weak
29/09	172 000				Weak and noisy

October2014**Mondays/Wednesdays**

1900z	10243kHz	1920z	9243kHz	1940z	7943kHz
01/10	229 000				Fair
06/10	229 000				Fair
08/10	229 000				Fair
13/10	229 1 223 86 20838 ...74102 000 000				Fair
15/10	229 1 223 86 20838 ...74102 000 000				Fair
20/10	229 000				Fair, some noise

September2014**Thursdays**

2010z	9387kHz	2030z	7526kHz	2050z	5884kHz
04/09	358 000				Weak
18/09	358 000			[2010z BCQRM3/4]	Fair

October2014**Thursdays**

2010z	7516kHz	2030z	5836kHz	2050z	4497kHz
02/10	584 000				Strong
16/10	584 000				Fair
23/10	584 000				Fair

E07a

PoSW logs and comment:

WednSday Schedule, 2000 UTC Start:-

17-Sept-14:- 2000 UTC, 8,173 kHz, “147 147 147 1 19097” for a full message. DK/GC “1342 79”. Very strong, “S9 plus many dB Old Man”, signal.
2020 UTC, 7,473 kHz, second sending, also S9+.
2040 UTC, 5,773 kHz, third sending, again S9+.

1-Oct-14:- unlike the AM E07 and the Saturday E07a SSB schedules, this Wednesday E07a does not change frequencies on a monthly basis; just a shift to a different trio of frequencies twice a year which is what has taken place in October:-

2000 UTC, 5,864 kHz, “815 815 815 000”, S9 SSB signal.
2020 UTC, 5,164 kHz, second sending.

15-Oct-14:- 2000 UTC, 5,864 kHz, and 2020 UTC, 5,164 kHz, both S9+ SSB signals, “815 815 815 000”.

Saturday Schedule, 0800 UTC Start:-

13-Sept-14:- 0800 UTC, 11,153 kHz, “114 114 114 000”, weak SSB signal, S3 at best.
0820 UTC, 12,153 kHz, second sending, much stronger signal, S7 to S8.

20-Sept-14:- 0800 UTC, 11,153 kHz, firing up for a “full message”, “114 114 114 1 13633”. DK/GC “2182 67” x 2. Much stronger signal than last time, peaking S9.

0820 UTC, 12,153 kHz, second sending, S6 to S7.
0840 UTC, 13,453 kHz, third sending, strong “XJT” on close frequency.

27-Sept-14:- 0800 UTC, 11,153 kHz, full message again, “114 114 114 1 61804”, DK/GC “3346 95” x 2, S7 to S8.

0820 UTC, 12,153 kHz, second sending, strong signal peaking S9.
0840 UTC, 13,453 kHz, third sending, much weaker, down in the noise.

4-Oct-14:- 0800 UTC, 11,484 kHz, “413 413 413 000”, weak signal.

0820 UTC, 12,184 kHz, second sending, much stronger, S7 to S8.

11-Oct-14:- 0820 UTC, 12,184 kHz, “413 413 413 000”, S7.

18-Oct-14:- 0800 UTC, 11,484 kHz, and 0820 UTC, 12,184 kHz, “413 413 413 000”.

Other’s logs

September2014

Wednesdays

2000z	8173kHz	2020z	7473kHz	2040z	5773kHz	
03/09	147 000					Very strong
10/09	147 000					Very strong
17/09	147 1 19097 1342 79 49682 ... 32062 000 000				Repeat of msg sent 23/07	Very strong
	147 1 19097 1342 79 49682 90044 97253 68629 34494 15735 65100 53040 12018 60720 07040 54980 75393 79692 95880 80197 34819 24790 94008 00901 68961 33707 82265 15938 71122 04555 64676 61726 91805 42869 30224 23890 26323 05570 06852 21533 72860 53742 24444 34588 15837 99350 36264 23586 97094 85581 52571 06323 31309 94619 97133 57390 59097 12710 87947 52506 19697 67844 74513 43571 34833 44383 96110 92344 51073 66735 06895 28570 27621 47520 40705 10321 08359 07160 16921 47337 72075 33036 32062 000 000					
						Courtesy Spectre
24/09	147 000					Very strong

October2014

Wednesdays

2000z	5864kHz	2020z	5164kHz	2040z	4564kHz	
01/10	815 000					Very strong
08/10	815 000					Very strong
15/10	815 000					Very strong
22/10	815 000					Very strong

September2014
Thursdays

0430z	7437kHz	0450z	8137kHz	0510z	9137kHz	
04/09	411 000					Very strong
11/09	411 000					Very strong
18/09	411 1 19097 1342 79 49682 ... 32062 000 000				Repeat of msg sent 24/07	Very strong
25/09	411 000					Very strong

September2014
Thursdays

0430z	5146kHz	0450z	5846kHz	0510z	6846kHz	
02/10	188 000					Very strong
09/10	188 000					Very strong
15/10	188 000					Very strong
22/10	188 000					Very strong

September2014
Fridays

1510z	10583kHz	1530z	9383kHz	1540z	8183kHz	
05/09	531 000					Strong
12/09	531 000					Strong
19/09	531 1 13633 2182 67 33980 ... 58210 000 000					Very strong
26/09	531 1 61804 3346 95 82019 ...					Weak, QSB2/3

October2014
Fridays

1510z	11424kHz	1530z	10124kHz	1540z	9124kHz	
03/10	411 000					Fair and noisy
10/10	411 000					Strong
17/10	411 000					Fair, noisy
24/10	411 000					Strong
31/10	411 000					Strong

September2014
Saturdays

0800z	11153kHz	0820z	12153kHz	0840z	13453kHz	
06/09	114 000					Very strong
13/09	114 000					Fair/Strong
20/09	114 1 13633 2182 67 33980 ... 58210 000 000					Very strong
	114 1 13633 2182 67 33980 06257 87989 49802 04433 27181 32723 36735 52195 33603 05526 09284 00393 85738 31118 71779 21198 60042 36461 51095 26856 25324 54161 54382 31910 49526 50683 38335 68562 99284 59118 17630 55772 35713 84724 36752 57683 75514 97996 93131 41742 96735 78191 25158 65223 75215 15013 04410 18439 00832 62403 95675 96073 58686 81692 20843 80704 05239 52271 75371 97962 57556 18243 54878 59381 72957 58210 000 000					
27/09	114 1 61804 3346 95 82019 ... 31786 000 000					Fair

October2014**Saturdays**

0800z	11484kHz	0820z	12184kHz	0840z	13384kHz
04/10	413 000				Fair
11/10	413 000				Fair
18/10	413 000				Fair
25/10	413 000				Strong, noisy

E11 log Sept/Oct

4909kHz	0900z	06/09 [248/00] Out 0903z QSA3	Karsten	SAT
	1445z	10/09 [287/00] Out 1448z QSA2	Karsten, Spectre	WED
	0900z	27/09 [248/00] Out 0903z QSA2	Karsten	SAT
	1445z	27/09 [287/00] Out 1448z QSA2	Karsten	SAT
	1445z	15/10 [287/00] Out 1448z Fair QRM1 QSB1	JkC	WED
	0900z	30/10 [248/00] Out 0858z Fair QRM1 QSB1	JkC	THU
6304kHz	0450z	01/09 [416/00] Fair	RNGB, Spectre	MON
	0450z	06/10 [416/00]	RNGB	MON
	0450z	20/10 [416/00]	JkC	MON
7377kHz	2000z	26/09 [576/00] Out 2003z QSA4	Karsten	FRI
	2000z	03/10 [576/00] Out 2002z Strong QRM1 QSB1	JkC	FRI
	2000z	17/10 [576/00]	Gary H	FRI
	2000z	24/10 [576/00] Out 2003z Strong QRM1 QSB1	JkC	FRI
7449kHz	1045z	02/09 [469/00] Weak	RNGB	TUE
	1045z	03/09 [469/00] Out 1048z Fair QRN3 QSB3	Spectre	WED
	1045z	09/09 [469/00]	Malc	TUE
	1045z	10/09 [469/00] Out 1048z S2	Malc	WED
	1045z	23/09 [469/00] Fair	RNGB	TUE
	1045z	30/09 [469/00] Weak	RNGB	TUE
	1045z	01/10 [469/00] 1048z Fair QRN3 QSB3	Spectre	WED
	1045z	07/10 [469/00] Fair	RNGB, Malc	TUE
	1045z	21/10 [469/00] Out 1048z S2	Malc	TUE
	1045z	28/10 [469/00] Out 1048z S2	Malc , JkC	TUE
7850kHz	0315z	03/09 [253/00] Weak	RNGB	WED
	0315z	04/09 [253/00] Out 0318z Fair QRN3 QSB3	Spectre	THU
	0315z	17/09 [253/00] Out 0318z Strong QRM2 QSB1	JkC	WED
	0315z	24/09 [253/00]	RNGB	WED
	0315z	08/10 [253/00] 0318z Fair QRN3 QSB3	Spectre	WED
	0315z	09/10 [253/00] 0318z Fair QRN3 QSB3	Spectre	THU
	0315z	14/10 [253/00]	RNGB	WED
	0315z	16/10 [253/00] Out 0318z Weak QRM1 QSB1	JkC	THU
	0315z	22/10 [253/00] Out 0318z Strong QRM1 QSB1	JkC	WED
	0315z	23/10 [253/00] Out 0318z Strong QRM1 QSB1	JkC	THU
8102kHz	1045z	09/09 [576/00]	Malc	TUE
	1045z	16/09 [576/00] Out 1048z S2	Malc	TUE
	1045z	23/09 [576/00] Good	RNGB	TUE
	1045z	30/09 [576/00]	RNGB	TUE
	1045z	07/10 [576/00] S4	RNGB, Malc	TUE
	1045z	14/10 [576/00]	RNGB, Spectre	TUE
	1045z	21/10 [576/00] Out 1048z S3	Malc	TUE
8186kHz	2005z	07/09 [369/00] Very strong	Fox	SUN
	2005z	13/09 [363/00] Out 2008z S5	Malc, Tony	SAT
	2005z	04/10 [363/00] Out 2008z Fair QRN3 QSB3	Spectre	SAT
	2005z	05/10 [363/00] Out 2008z S9	Malc, RNGB	SUN
	2005z	18/10 [363/00] Out 2008z S6	Malc	SAT
	2005z	19/10 [363/00] Out 2008z S2	M8	SUN
8803kHz	0930z	03/09 [270/00] Out 0933z Fair QRN3 QSB3	Spectre	WED
	0930z	04/09 [270/00] Out 0933z S4	Malc	THU
	0930z	24/09 [270/00]	RNGB	WED
	0930z	01/10 [270/00]	RNGB	WED
	0930z	02/10 [270/00] 0933z Fair QRN3 QSB3	Spectre THU	

	0930z	08/10 [270/00] Out 0933z S5	Malc	WED
	0930z	16/10 [270/00] Out 0933z S5	Malc	THU
	0930z	22/10 [270/00]	Ary	WED
9371kHz	1730z	04/09 [416/00] Strong	Fox, Malc	THU
	1730z	11/09 [416/00] QSA5	Karsten	THU
	1730z	25/09 [416/00]	Karsten, RNGB	THU
	1730z	02/10 [416/00]	RNGB	THU
	1730z	09/10 [416/00] 1733z Fair QRN3 QSB3	Spectre	THU
	1730z	23/10 [416/00] Out1733z Strong QRM1 QSB1	JkC	THU
	1730z	30/10 [416/00] Out1733z Strong BC QRM2 QSB1	JkC, Malc	THU
9399kHz	0900z	08/09 [534/00] Out 0903z Fair QRN3 QSB3	Spectre	MON
	0900z	10/09 [534/00] Out 0903z S7	Malc	WED
	0900z	15/09 [534/00] Out 0903z S4	Malc	MON
	0900z	22/09 [534/00]	RNGB, Malc	MON
	0900z	06/10 [534/00]	RNGB	MON
	0900z	08/10 [534/00] Out 0903z S2	Malc	WED
	0900z	20/10 [534/00]	RNGB	MON
	0900z	27/10 [534/00] Weak	RNGB	MON
9960kHz	0820z	01/09 [438/00]	RNGB	MON
	0820z	04/09 [438/00] Out 0823z Fair QRN3 QSB3	Spectre	THU
	0820z	08/09 [438/00] Out 0823z Fair QRN3 QSB3	Spectre	MON
	0820z	11/09 [438/00]	Malc	THU
	0820z	15/09 [438/00] S6	Malc	MON
	0820z	02/10 [438/00]	RNGB	THU
	0820z	06/10 [438/00]	RNGB	MON
	0820z	09/10 [438/00]	RNGB	THU
	0820z	13/10 [438/00]	RNGB	MON
	0820z	16/10 [438/00] Out 0823z S8	Malc	THU
	0820z	27/10 [438/00] Out 0823z S2	Malc	MON
	0820z	30/10 [438/00]	RNGB	THU
10213kHz	1705z	06/09 [392/00] Out 1708z Fair QRN3 QSB3	Spectre	SAT
	1705z	09/06 [392/00] R3m TX off at 17:08:11 without "Out" 1708z QSA5 QRM1 QRN1 QSB1	Thomas	SAT
	1705z	24/09 [392/00]	Gary H	WED
	1705z	27/09 [392/00]	RNGB, Karsten	SAT
	0745z	06/10 [262/00]	RNGB	MON
	1705z	08/10 [392/00] 1708z Fair QRN3 QSB3	Spectre	WED
	0745z	13/10 [262/00] 0748z Fair QRN3 QSB3	Spectre	MON
	1705z	15/10 [392/00]	RNGB	WED
	1705z	18/10 [392/00] Out 1708z S9+10	Malc	SAT
	1705z	22/10 [392/00] Out 1708z S9+15	Malc	WED
	1705z	25/10 [392/00] 17:08z QSA3	Karsten	SAT
	1705z	29/10 [392/00] Out 1708z S9+10	Malc	WED
10221kHz	0710z	02/09 [633/00] Out 0713z S3	Malc	TUE
	0710z	05/09 [633/00] Very strong	Fox	FRI
	0710z	16/09 [633/00] Out 0713z S9	Malc	TUE
	0710z	19/09 [633/00] Out 0713z Fair QRN3 QSB3	Spectre	FRI
	0710z	23/09 [633/00]	RNGB	MON
	0710z	07/10 [633/00]	RNGB	TUE
	0710z	17/10 [633/00]	RNGB	FRI
	0710z	28/10 [633/00]	Ary	TUE
	0710z	31/10 [633/00] Out 0713z S7	Malc	FRI
10330kHz	1530z	04/09 [262/00] Out 1533z Strong QRM1 QSB1	JkC	THU
	1530z	18/09 [262/00] Out 1533z Strong QRM1 QSB1	JkC	THU
	1530z	02/10 [262/00]	RNGB	THU
	1530z	09/10 [262/00]	RNGB	THU
	1530z	16/10 [262/00] Out 1533z Strong QRM1 QSB1	JkC	THU
	1530z	23/10 [262/00]	Malc	THU
10690kHz	0830z	01/09 [649/00] 0833z Weak QRN3 QSB3	Spectre	MON
	0830z	05/09 [649/00]	RNGB	FRI
	0830z	12/09 [649/00] Out 0833z S3	Malc	FRI
	0830z	15/09 [649/00] Out 0833z S9	Malc	MON
	0830z	03/10 [649/00] 0833z Fair QRn3 QSB3	Spectre	FRI
	0830z	13/10 [649/00]	RNGB	MON
	0830z	20/10 [649/00]	RNGB	MON
	0830z	24/10 [649/00]	RNGB	FRI

	0830z	27/10 [649/00] Out 0833z S2		Malc	MON
	0830z	31/10 [649/00] Out 0833z S9		Malc	FRI
10800kHz	0645z	02/09 [517/00]		RNGB	TUE
	0645z	04/09 [517/00] Out 0648z S7		Malc	THU
	0645z	09/09 [517/00] S9		Malc	TUE
	0645z	11/09 [517/00]		RNGB	THU
	0645z	16/09 [517/00] Out 0648z S8		Malc	TUE
	0645z	18/09 [517/00] Out 648z Fair QRN3 QSB3		Spectre	THU
	0645z	02/10 [517/00] 0648z Fair QRN3 QSB3		Spectre	THU
	0645z	16/10 [517/00] Out 0648z Fair QRM1 QSB1		JkC	THU
	0645z	21/10 [517/00] Out 0648z S5		Malc	TUE
	0645z	23/10 [517/00]		RNGB	THU
11450kHz	0805z	10/09 [311/00] Good		RNGB	WED
	0805z	14/09 [311/00] Out 0808z S7		Malc	SUN
	0805z	17/09 [311/00] Out 0808z Fair QRN3 QSB3		Spectre	WED
	0805z	21/09 [311/00] Out 0808z Fair QRN3 QSB3		Spectre	SUN
	0805z	24/09 [311/00]		RNGB	WED
	0805z	28/09 [311/00]		RNGB	SUN
	0805z	01/10 [311/00]		RNGB	WED
	0805z	05/10 [311/00] 0808z Fair QRN3 QSB3		Spectre	SUN
	0805z	08/10 [311/00] Out 0808z S6		Malc	WED
	0805z	22/10 [311/00]		RNGB	WED
	0805z	29/10 [311/00] Out 0808z S9		Malc	WED
12229kHz	1300z	09/09 [133/00] Out 1303z Fair QRN3 QSB3		Spectre	TUE
	1300z	16/09 [133/00] Out 1303z Strong QRM1 QSB1		JkC	TUE
	1300z	17/09 [133/00] Out 1303z Strong QRM1 QSB1		JkC	WED
	1300z	30/09 [133/00]		RNGB	TUE
	1300z	15/10 [133/00] Out 1303z Strong QRM1 QSB1		JkC	WED
14575kHz	0745z	09/09 [335/00]		Malc	TUE
	0745z	11/09 [335/00]		RNGB	THU
	0745z	16/09 [335/00] Out 0748z S3		Malc	TUE
	0745z	18/09 [335/00] Out 0748z Fair QRN3 QSB3		Spectre	THU
	0745z	23/09 [335/00] Fair		RNGB	TUE
	0745z	30/09 [335/00]		RNGB	TUE
	0745z	07/10 [335/00]		RNGB	TUE
	0745z	09/10 [335/00] 0748z Fair QRN3 QSB3		Spectre	THU
	0745z	14/10 [335/00] Out 0748z S6		Malc	TUE
	0745z	16/10 [335/00] Out 0748z S6		Malc	THU
	0745z	28/10 [335/00]		Ary	TUE
	0745z	30/10 [335/00]		RNGB	THU
15632kHz	1300z	28/10 [133/00] Out 1303z Strong QRM1 QSB1	(Ex 12229kHz)	JkC, Malc	TUE
	1300z	29/10 [133/00] Out 1303z S9		Malc	WED
15915kHz	0545z	03/09 [348/00] Out 0548z Fair QRN3 QSB3		Spectre	WED
	1155z	03/09 [718/00] Good		RNGB	WED
	1155z	04/09 [718/00] Out 1158z S5		Malc	THU
	0545z	05/09 [348/00] Weak		Fox, JkC	FRI
	1540z	08/09 [228/00] Out 1543z QSA2 QRM1 QRN1 QSB1		Thomas	MON
	1155z	10/09 [718/00]		Malc	WED
	1540z	14/09 [228/00] Out 1543z QSA1		Karsten	SUN
	1540z	15/09 [228/00] Out 1543z S5		Malc	MON
	0545z	19/09 [348/00] out 0548z Fair QRN3 QSB3		Spectre	FRI
	1155z	24/09 [718/00]		RNGB	WED
	0545z	01/10 [348/00] 0548z Fair QRN3 QSB3		Spectre	WED
	1155z	01/10 [718/00]		RNGB	WED
	1155z	02/10 [718/00] 1158z Fair QRN3 QSB3		Spectre	THU
	0545z	03/10 [348/00] 0548z Fair QRN3 QSB3		Spectre	FRI
	1540z	05/10 [228/00] Good		RNGB	SUN
	0545z	10/10 [348/00] 0548z Fair QRN3 QSB3		Spectre	FRI
	1155z	16/10 [728/00] Out 1158z S6		Malc	THU
	1540z	19/10 [228/00] Out 1543z S2		Malc	SUN
	1540z	20/10 [228/00]		RNGB	MON
	1540z	26/10 [228/00] Out 1543z S7		Malc	SUN

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4909kHz	1445z	03/09 [285/33 Attention 86274 ... 41380] Out 1455z Fair QRN3 QSB3	Spectre	WED
	1445z	22/10 [280/34..... (rest unworkable)] Out 1455z Very weak QRM1 QSB4	JkC	WED
	1445z	25/10 [280/34 74671 80636 16663 98426 26683 52807 40245 76277.....58322 59566]	Karsten	SAT
5194kHz	1710z	01/09 [959/27 27051 90393 ... 60978 60742] Out 1718z QSA5 QRM2 (by DRA5 on 5195.0 kHz)	Thomas	MON
	1710z	05/09 [957/30 48106 75853 91648 00217 40202 16071 60761 96466.....50669 82506]	RNGB	FRI
	1710z	08/09 [953/31 72565 40813 77275 59161 27917 26636 68380 03342 39271.....10425 53726]	Ary, Karsten,	MON
	1710z	15/09 [957/20 Attention 83740 ... 52248] Out 1718z Fair QRN3 QSB3	Spectre	MON
	1710z	19/09 [955/22 Attention 55610 ... 04666] Out 1718z Fair QRN3 QSB3	Spectre	FRI
	1710z	29/09 [959/21 46265 04504 39703 45597 32508 03528 91532 27095.....80999 75043]	Gary H	MON
	1710z	03/10 [955/23 57767 90314 64377 43817 02023 37997 68731 16267.....94487 07714]	JkC, RNGB	FRI
	1710z	06/10 [953/26 73613 63612 62327 28008 14463 11796 71295 31018.....09425 90681]	RNGB	MON
	1710z	13/10 [953/30 Attention 18429 ... 38666 Out] 1720z Fair QRN3 QSB3	Spectre	MON
	1710z1	17/10 [957/27 99571 20311 57480 18317 85582 29775 90647 17732.....42907 23730]	Ary, JkC	FRI
	1710z	20/10 [955/30 51692 05499 22753 72817 31228 59975 52527 30140.....08625 57202]	RNGB, Malc, JkC	MON
	1710z	24/10 [959/26 31702 51562 70442 36303 73880 85931 33411 91809.....16907 39293]	RNGB, JkC, Gary H, Malc	FRI
	1710z	27/10 [955/30 91361 14074 49338 98916 16885 80541 32799 11194.....28099 70961]	Ary, Malc	MON
	1710z	31/10 [593/27 83336 09018 74100 39681 47314 51306 64392 61659.....51363 44967]	JkC, Malc	FRI
6304kHz	0450z	15/09 [411/37 Attention 17211 ... 52248] Out 0502z Fair QRN3 QSB3	Spectre	MON
	0450z	13/10 [413/38 Attention 75589 ... 59191 Out] 0501z Fair QRN3 QSB3	Spectre	MON
7377kHz	2000z	05/09 [573/34 Attention 59279 ... 74739] Out 2012z Fair QRN3 QSB3	Spectre	FRI
	2000z	31/10 [573/38 59051 05681 50429 78489 52779 06221 60507 24030.....51363 44967]	Gary H	FRI
7449kHz	1045z	16/09 [469/33 Attention 57703 ... 15992] Out 1055z Weak QRN3 QSB3	Spectre	TUE
	1045z	14/10 [464/34 47402 66074 86340 44007 07783 51779 71883.....27328 91580]	RNGB	TUE
7850kHz	0315z	10/09 [251/32 77782 64602 91596 83761 13823 68040 90334 57450.....32712 20785] Good	RNGB	WED
	0315z	01/10 [256/32 15327 59467 32302 63701 37508 70080 70280 21065.....39870 23615] Fair	RNGB, JkC	WED
	0315z	02/10 [256/32 Attention 15327 ... 26315 Out] 0326z Fair QRN3 QSB3	Spectre	THU
8102kHz	1045z	02/09 [573/34 59279 01390 48391 52515 787962 65526 37096.....59423 74739]	RNGB	TUE
	1045z	28/10 [573/38 59051 05681 50429 78489 52779 06221 60507 24030.....51363 44967]	Malc, JkC	TUE
8186kHz	2005z	21/09 [367/35 81696 75605 22566 24345 96751 34697 89541.....62347 69059]	RNGB	SUN
	2005z	26/10 [366/32.....ATTENTION 66324.....31108]	Malc	SUN
8803kHz	0930z	10/09 [273/35 99959 38519 45593 99629 63792 09189 71167 08374.....52333 16739] Fair	RNGB, Malc	WED
	0930z	11/09 [273/35 Attention 99959 ... 16739] Out 0940z Fair QRN3 QSB3	Spectre	THU
	0930z	30/10 [273/38.....ATTENTION 14010.....64562] Out 0940z S7	Malc	THU
9371kHz	1730z	18/09 [411/37 17211 63086 42875 73194 00659 58378 87426 86191.....26410 52248]	JkC	THU
	1730z	16/10 [413/38 75589 06043 03706 88146 27384 97451 08440 21879.....18923 59191]	Gary H, Malc	THU
9399kHz	0900z	01/09 [533/38 61386 00983 56863 94879 84857 27405 14188 06438.....80161 26496] Out 0910z	RNGB	MON
	0900z	03/09 [533/38 61386 etc] repeat of Monday	RNGB	WED
	0900z	13/10 [535/35 90284 81015 73234 82183 77771 63019 42306 50103.....78817 02005]	RNGB	MON
	0900z	15/10 [535/35 90284.....etc] Repeat of Monday	RNGB	WED
9960kHz	0820z	22/09 [430/37 27909 11336 88464 67162 03786 46521 12515 12705.....95522 78229]	RNGB	MON
	0820z	20/10 [434/30 57189 50006 70177 89894 96009 99093 41912 72400.....09746 51676]	RNGB	MON
	0820z	23/10 [434/30 57189.....51676] Out 0828z S3 (Repeat of Monday)	Malc	THU
10213kHz	0530z	01/09 [981/10 Attention 60565 ... 76570] Out 0536z Fair QRN3 QSB3	Spectre	TUE
	0530z	06/09 [980/10 99322 97038 98117 28184 71857 59925 72412 67198 43064 79939] Good	RNGB	SAT
	0745z	08/09 [260/35 93884 72698 20040 71402 91282 44871 92510 18842 67259.....57946 33351]	Ary	MON
	0530z	09/09 [985/10 58524 94161 13658 38264 03506 20642 71161 70557 11477 98438] Good	RNGB	TUE
	1705z	10/09 [395/30 94260 43192.....13850]	Malc	WED
	1705z	13/09 [395/30 94260 43192 11192 81726 60322 82720 56107.....86590 13850]	Karsten	SAT
	0530z	27/09 [985/10 45668 25308 98348 83302 66891 75071 82391 62120 64093 92622]	RNGB	SAT
	1705z	01/10 [391/34 77977 81378 92930 13222 25203 14873 56501.....21607 71880] Out 1714z Strong	JkC	WED
	1705z	04/10 [391/34 77977....etc] Repeat of Wednesday	RNGB	SAT
	0530z	07/10 [980/10 52733 00938 11063 10427 37971 68705 67847 75199 30184 74885] Good	RNGB	TUE
	0530z	11/10 [988/10 Attention 30263 ... 96472 Out] 0536z Fair QRN3 QSB3	Spectre	SAT
	0530z	18/10 [984/10 10675 58616 42334 28169 88685 32259 14149 52225 38721 40563]	Ary	SAT
	0530z	21/10 [981/10 82021 84443 72741 71340 37052 25401 31551 71533 08564 76946] Out 0535z Fair	JkC	TUE
	0530z	28/10 [988/10 30965 40946 53687 93439 18573 94117 83974 36924 70980 21186]	JkC	TUE
10221kHz	0710z	09/09 [634/38 00946 48006 40551 75576 47879 13959 19459 59573.....93118 93567]	RNGB, Malc, Fox	TUE

0710z	12/09 [634/38 00946.....etc] Repeat of Tuesday	Malc	FRI
0710z	21/10 [630/35 04408.....53734]	Malc	TUE
0710z	24/10 [630/35 04408 19177 19198 45117 42028 41212 44971 81427.....53675 53734]	RNGB	FRI
10330kHz 1530z	11/09 [260/35 93884 72698 20040 71402 91282 44871 92510 18842.....57946 33351]	RNGB	THU
1530z	30/10 [261/33 53477 31735 47709 25198 09067 83202 89986 90584.....18862 83983] Out 1539z	JkC	THU
10690khz 0830z	22/09 [649/35 26653 42344 91959 70046 82400 37324 54395 50397.....38416 01614]	RNGB	MON
0830z	26/09 [649/35 26653....etc] Repeat of Monday	RNGB	FRI
0830z	06/10 [643/31 11407 62006 55256 65484 88068 60588 71501.....64006 78702]	RNGB	MON
0830z	10/10 [643/31 11407etc] Repeat of Monday	RNGB	FRI
10800kHz 0645z	23/09 [515/32 05169 73088 27680 59933 22830 70769 18812 03136.....76101 06720]	RNGB	TUE
0645z	25/09 [515/32 05169....etc] Repeat of Tuesday	RNGB	THU
0645z	07/10 [519/27 79526 75038 91591 50266 57992 11378 84512 51144.....89788 10570] Good	RNGB, Malc	TUE
0645z	09/10 [519/37 Attention 79526 ... 10570 Out] 0657z Fair QRN3 QSB3	Spectre	THU
11450kHz 0805z	03/09 [317/35...in progressended 53663 77423]	RNGB	WED
10805z	19/10 [374/35 57066.....89744] Out 0814z S5	Malc	SUN
12229kHz 1300z	23/09 [136/37 12329 72109 68301 09495 07329 36637 31862 72263.....88385 82262] Good	RNGB	TUE
1300z	07/10 [132/37 27556 41171 10076 46415 97446 40525 77867 12000.....76200 32209] Good	RNGB	TUE
1300z	08/10 [132/37 27556.....etc] Repeat of Tuesday	Malc	WED
13375kHz 1110z	01/09 [956/33 Attention 14000 ... 05374] Out 1120z Fair QRN3 QSB3	Spectre	MON
1400z	02/09 [982/10 Attention 47341 ... 92382] Out 1406z Fair QRN3 QSB3	Spectre	TUE
1110z	05/09 [952/40 Attention 13399 ... 35792] Out 1124z Fair QRN3 QSB3	Spectre	FRI
1400z	06/09 [981/10 00598 31107 39109 25323 31864 70976 94162 44007 44629 30206] Strong	RNGB	SAT
1400z	09/09 [987/10 14015 17221 51045 33956 03529 16980 90275 55556 92516 20013]	Gary H, Fox	TUE
1110z	12/09 [952/31 Attention 65106 ... 71799] Out 1420z Fair QRN3 QSB3	Spectre	FRI
1400z	13/09 [983/10 85477 67886 05676 52789 46588 14755 04166 07764 07656 67610]	Gary H	SAT
1110z	15/09 [954/32.....ATTENTION] too weak to copy	Malc	MON
1400z	16/09 [981/10 13493 79885 39211 72439 36749 77454 01101 95997 84820 24508]	JkC	TUE
1400z	19/09 [980/10 Attention 74377 ... 07042] Out 1406z Fair QRN3 QSB3	Spectre	SAT
1110z	22/09 [956/40.....ATTENTION 69836 24266 73351.....27846]	Malc	MON
1400z	27/09 [981/10 01282 41674 38466 66412 85793 40333 33963 13796 69828 64599]	Karsten	SAT
1110z	29/09 [958/31 65337 27310 68948 07991 21579 53961 87777 12630.....52464 94597]	RNGB	MON
1400z	30/09 [982/10 63161 32123 84825 22437 85759 63939 41896 81141 18605 94095]	RNGB, JkC	TUE
1400z	04/10 [980/10 Attention 19698 ... 33369 Out] 1406z Fair QRN3 QSB3	Spectre	SAT
1110z	06/10 [952/31.....ATTENTION 12889.....40728]	Malc	MON
1400z	07/10 [981/10 57574 50783 58751 94593 51401 52166 53634 74451 10013 23133]	RNGB, Malc	TUE
1400z	11/10 [987/10 Attention 72107 ... 67121 Out] 1406z Fair QRN3 QSB3	Spectre	SAT
1110z	13/10 [952/40 11007 65700 21029 09172 81391 69334 49728.....44031 85844]	RNGB	MON
1400z	14/10 [983/10 89179 51771 77857 33513 71431 51929 60804 99578 30083 44824]	Gary H, Karsten, JkC	TUE
1400z	18/10 [988/10 37610 16202 88741 52764 94165 94485 56391 91550 24165 36757]	Gary H	SAT
1110z	20/10 [950/40 02815.....41406]	Malc	MON
1400z	21/10 [984/10 61524 08560 10216 83041 10362 78009 47989 61689 63395 50918] S2	Malc, JkC	TUE
1110z	24/10 [952/38 07296 65062 16082 40740 47416 71281 50741.....98500 20732]	Malc, RNGB	FRI
1400z	25/10 [982/10 05938 95210 08774 17468 17103 16781 57114 99718 69254 72092] Out 1405z S9	Malc	SAT
1110z	27/10 [952/35.....ATTENTION 23604.....71270]	Malc	MON
1400z	28/10 [987/10 95916 48775 88150 44873 46702 54040 43142 47357 41962 11377]	JkC	TUE
1110z	31/10 [956/36.....ATTENTION 72767.....93636] Out 1120z S9	Malc	FRI
13455kHz 1810z	02/09 [982/10 33812 59480 14490 16427 13644 92964 59312 89301 17652 18333] Out 1815z S3	Malc	TUE
1810z	06/09 [982/10 07624 55093 03847 92914 88164 26105 07401 13587 24450 26492]	Fox, PLondon	SAT
1810z	09/09 [980/10 34998 33039 43129 51130 83712 44546 79781 97340 04162 63025] Out 1815z	Karsten, Malc, Gert	TUE
1810z	16/09 [982/10 94896 55805 21241 34690 47441 96895 00089 58895 34500 44503]	Gary H, Malc, JkC	TUE
1810z	20/09 [981/10 Attention 97500 ... 95664] Out 1816z Fair QRN3 QSB3	Spectre	SAT
1810z	30/09 [987/10 93632 79222 30745 80379 60981 40032 46706 06222 43742 03842]	RNGB	TUE
1810z	04/10 [981/10 97500 09178 91683 61346 13082 33026 47432 31201 00762 95664] Fair	RNGB	SAT
1810z	07/10 [982/10 49554 49457 36098 88058 98726 11533 00160 52232 49352 69150] Out 1815z	JkC, Malc	TUE
1810z	14/10 [985/10 23812 11411 08141 96333 17089 39873 94275 74791 43434 20132]	JkC	TUE
1810z	21/10 [980/10 51193 46638 74822 59419 68445 90342 40754 24146 61593 89568]	Gary H	TUE
1810z	25/10 [983/10 09336 27508 75647 57150 13587 36764 28371 63598 77929 62813]	Karsten, RNGB	SAT
1810z	28/10 [985/10 74553 60945 89045 35569 87585 46864 66064 59242 30094 25721]	Malc	TUE
14575kHz 0745z	02/09 [337/35 38279 64712 46567 69509 75043 71639 61117.....25807 44208]	RNGB	TUE
0745z	04/09 [337/35 Attention 38279 ... 44208] Out 0756z Fair QRN3 QSB3	Spectre	THU
0745z	21/10 [333/38 98284.....14915]	Malc	TUE
0745z	23/10 [338/38 98284 60898 32658 46101 02497 06688 05332 38580.....14915]	RNGB	THU

15915kHz 1540z	01/09 [220/32 Attention 93010 ... 27154] Out 1550z Fair QRN3 QSB3	Spectre	MON
0545z	26/09 [340/37 90786 43517 53743 58268 34104 22311 13304 22971.....57827 19051] Weak	RNGB	FRI
1540z	06/10 [224/34 95296 90731 96412 72314 04502 13292 75788 60163.....97338 68984]	RNGB	MON
1155z	08/10 [712/36.....ATTENTION 63059.....01111]	Malc	WED
0545z	15/10 [342/38 Attention 22396 ... 00609 Out] 0558z Fair QRN3 QSB3	Spectre	WED
0545z	17/10 [342/38 Attention 22396 ... 00609 Out] 0558z Fair QRN3 QSB3	Spectre	FRI

The crazy world of ID 121

E11a with special call 121. Thanks to Danix for the tip. 121/20 was heard by Danix and Kristian and 121/25 by Danix and me 10298/4638/5148 kHz, 27-10, 1000/1810/1840 UTC 121/20 Attention 75592 06568 08708 97347 59112 62288 60027 21275 77282 09325 88191 62692 65187 71275 49867 98417 60368 90772 36798 75163 Attention, rpt msg, out 4242/4536 kHz, 27-10, 2020/2045 UTC 121/25 Attention 90139 54879 19211 67801 38559 42078 91689 52724 24776 18753 08525 72668 64610 54170 77352 48604 81437 20667 55894 42959 95915 03273 00212 62635 05014 Attention, rpt msg, out 73, Ary

5194kHz 1840z 28/10 repeat of **4638kHz** 1810z 121/25 71511 63804 32710 87583 88559 66972 01350 55989 01153 73159 92462 89006 18898 73229 97757 57566 73545 76762 66745 38233 35213 38762 18444 54717 66361 Attention, rpt msg, out.

4242kHz 28/10 2010z 121/20 Attention 01713 76950 25393 75512 08104 08098 18691 00884 41369 07771 89998 11526 42117 05010 33475 32204 96424 48849 06675 21619 Attention, rpt msg, out.

4536kHz 2040z 28/10 121/20 Attention 01713 76950 25393 75512 08104 08098 18691 00884 41369 07771 89998 11526 42117 05010 33475 32204 96424 48849 06675 21619 Attention, rpt msg, out 73, Ary

E11a 4638kHz/5194kHz 1810z/1840z 28/10
121/25 ATTENTION
71511 63804 32710 87583 88559 66972 01350 55989 01153 73159
92462 89006 18898 73229 97757 57566 73545 76762 66745 38233
35213 38762 18444 54717 66361
(single group repeat)
OUT JkC

E11a 4242kHz/4536kHz 2010z/2040z 28/10
121/20 ATTENTION
01713 76950 25393 75512 08104 08098 18691 00884 41369 07771
89998 11526 42117 05010 33475 32204 96424 48849 06675 21619
(single group repeat)
OUT JkC

E11a 4638kHz 1810z 29/10[121/30 00046 ... 04478 OUT]1819z Strong QRM1 QSB1 JkC WED (see transcript)
E11a 5149kHz 1840z 29/10[121/30 00046 ... 04478 OUT]1849z Strong QRM1 QSB1 JkC WED last 2 digits of freq flipped back to original

E11a 4242kHz 2010z 29/10[121/25 50371 ... 02478 OUT]2018z Strong QRM2 QSB1 JkC WED (see transcript)
E11a 4536kHz 2040z 29/10[121/25 50371 ... 02478 OUT]2048z Strong QRM1 QSB1 JkC WED

Transcripts
E11a 4638kHz/5149kHz 1810z/1840z 29/10
121/30 ATTENTION
00046 47092 03223 93038 95091 57383 98838 60627 23795 68541
29693 48901 10106 07121 97991 72199 06491 05889 86735 22673
90223 01178 98193 73549 09051 98704 90460 40737 94843 04478
(single group repeat)
OUT

E11a 4242kHz/4536kHz 2010z/2040z 29/10
121/25 ATTENTION
50371 20354 49222 63832 56659 32028 80209 64079 32361 11625
23515 06094 14018 15989 41146 61267 89770 67036 07768 74111
27291 50865 80426 17117 02478
(single group repeat)
OUT

E11c			
8186kHz 0856z	30/10 [121/222/00] Out 0858z Strong QRM1 QSB1	JkC	THU

Thanks RNGB and all contributors

E17
September2014

We start with an unexpected find from Ary:

[Msg 47536 refers]:

10240 18-09-2014 1710 E17z
274 (R) 2 stops. Restarts 274 (R) stops.
Restarts. 856 856 30 stops
Restarts. 856 856 30 30 81623 33878 89989 48557 31481 46385 34224 3782 30698
3069 stops.
Restarts at 1720 UTC 274 (R) 31481 46385 34224 33782 30698 35423 35844 41028
95477 47714 45124 91243 30383 38095 84978 35325 92141 43391 33722 33053
34379 48977 45437 52849 44186 36398 856 856 30 30 00000

Thanks Ary, great catch!

E17z
September2014

Thursdays

0800z	14260kHz	0810z	12930kHz		
04/09	674 930 5 31704 91596 47308 92107 40398 930 5 00000			[08100z too weak to process]	Fair
11/09	674 930 5 21704 91596 47308 92107 40398 930 5 00000				Strong
18/09	674 839 5 35280 01894 63866 19364 04826 839 5 00000				No strengths stated

October2014
Thursdays

02/10	674 983 5 82707 06123 22536 88280 84116 983 5 00000(s)	Fair
09/10	674 983 5 82707 06123 22536 88280 84116 983 5 00000(s)	Fair
16/10	674 923 5 18276 45362 01997 56489 23091 923 5 00000(s)	Fair
23/10	674 923 5 18276 43362 01997 56489 23091 923 5 00000	Weak
30/10	674 00000	Weak

Additional transmissions:

10240kHz1500z 06/10[274 816 5 40613 77249 40678 17976 21816 816 5 00000] RNGB, Spectre MON
RNGB observes, "A common S06s message which has been sent over the last 4 years.
This is the first time I've heard an E17z message on this frequency. Always been Just plain E17 with the usual 274 call on this frequency.
A test maybe? No later repeat found. Maybe a 1450/1500 ?"

Tnx Richard perhaps Russo/Ukraine Radio fun, given the situation?

Leif Dehio writes [Msg 47719 refers]:

7636 kHz was active this morning [17/10] at 09:xx UTC with E17z - at first the usual female voice came up. However at 09:15 the station switched to what appeared to be a human operator reading out numbers "live".

A recording of the complete transmission can be found here:

http://signals.taunus.de/PUB/7636_kHz.zip

Thanks also to 'Avare' for the heads up!

E22

An unexpected observation of this misunderstood chimera of number stations.

01/10/14
15040//17385kHz AM sigs S30+20
both carriers up 14.00z
14.05 'Lima Alpha Seven' x3 well spaced
15040 carrier down 14.08z
17385 carrier down 14.12z(but no further traffic)

15040//17387kHz AM
14.55z carriers up, S10+20 both
15.00 Zulu Charlie Six x3,
15.06 Zulu Charlie Six x3 15040 carrier down 15.10z
17387 carrier down 15.11z

AIR testing? Don't believe a word of it.

Thanks MikeL

E25a

9450kHz 1116z 30/08 [830 2] 1122z "Inte Omri" music, YL started with "882 830 2", 1122z EOM EOT then "Inte Omri" briefly and WinXP shutdown sound, AM QSA5, MG SAT

9450kHz 1217z 30/08 [830 2 (as of 1116z)] 1222z "Inte Omri" intro, AM QSA5, MG SAT

UNID 9400 kHz 0837z 31/08 oriental music i.p., 0844z audio problems, 0845z noisy tone, carrier and QRT, AM QSA5, MG SUN

G06

We start with PoSW's analysis of this station:

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

11-Sept-14:- 5,934 kHz, the expected seasonal change of frequency from 6,887 used in the summer months. Inside the 49 metre broadcast band but no strong broadcasters close by, just slight side-band splash. Call "579", DK/GC "832 832 20 20". 5F message was the same twenty groups which have been used many times in the past both by Thursday and Fridays G06 and E06 in their respective languages, starts "37839 35787..." and finishes with, "...75924 04594". Signal strength increased throughout the seven minutes or so of the transmission, started off an indicated S8 increasing to S9+.

25-Sept-14:- 5,934 kHz, started about 40 seconds before the half-hour. "579" and "832 832 20 20" again with 5Fs message as on the 11th. Peaking over S9 with slight side-band splash interference from broadcast stations.

9-Oct-14:- 5,934 kHz, was transmitted in suppressed carrier mode, no carrier warming up 5,934 when checked several times before transmission time. The related E06 English language Thursday and Friday transmissions also used USB suppressed carrier in September. Call "579", DK/GC "832 832 20 20". Still using the "37839 35787..." message.

23-Oct-14:- 5,934 kHz, "579" and "832 832 20 20", same 5Fs, not particularly strong this evening and the broadcasters side-band splash quite noticeable.

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

12-Sept-14:- 5,442 kHz, seasonal change from 5,943 kHz used in the summer months which was always clobbered by a strong DRM signal; and 5,442 is suffering from the presence of an "XJT" STANAG whatever. I'm sure this noise-maker was not here when 5,442 was used in the springtime. Call "947", DK/GC "215 215 20 20".

26-Sept-14:- 5,442 kHz, "947" and "215 215 20 20" again, the noise-maker stronger than ever and making for difficult copy.

10-Oct-14:- 5,442 kHz, the rock-crusher "XJT" still sitting firmly on this frequency, "947" and "215 215 20 20" again.

24-Oct-14:- 5,442 kHz, "947" and "215 215 20 20", the "XJT" as lively as ever. G06 appeared to be transmitted in carrier suppressed mode again, the receiver had to be in USB mode anyway to help to reduce the interference and there was no sign of a heterodyne from a carrier when the tuning was varied.

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

8-Sept-14:- 1800 UTC, 5,478 kHz, "367 367 367 00000", weak signal, speed of delivery more brisk than usual, this Monday schedule famed for the slow, languid speech style.

Weak signal, unable to find a transmission at 1700 UTC.

13-Oct-14:- 1800 UTC, 5,478 kHz, a "full message" this evening, somewhat unusually, calling "367", DK/GC "124 124 083 083", using the leading zero on a two-figure group count, noted on a previous occasion with this Monday schedule a few months back. S8 on a clear frequency, and back to the slow, laid back tempo of delivery. Still unable to find a transmission at 1700 UTC which would presumably be a few hundred kHz lower in frequency. Was noted warming up the frequency around 1732 UTC calling "0-1-2-3-4" several times in German language.

First + Third Fridays in the Month 1900 + 2000 UTC Schedule:-

19-Sept-14:- 1900 UTC, 9,226 kHz, "167 167 167 00000". S9+ signal, slight interference from an idling FSK signal on a close frequency. 2000 UTC, 6,982 kHz, second sending peaking over S9. Seasonal change of frequency, 9,226 and 6,982 were used in March and April of this year.

And this schedule moved forwards by one hour in October, just as it did in October of last year.

3-Oct-14:- 2000 UTC, 9,226 kHz, "167 167 167 00000", S9 with QSB.

2100 UTC, 10 PM British Summer Time, 6,982 kHz, second sending, S9.

17-Oct-14:- 2000 UTC, 9,226 kHz, "167 167 167 00000", S9, idling FSK type signal on a close frequency and a weak "XJT".

2100 UTC, 6,982 kHz, second sending, peaking S9+ on a clear frequency.

September 2014

Mondays

0800z 6774kHz

15/09 215 00000 Weak

1700z 4573kHz 1800z 5478kHz

01/09 367 00000 Strong

08/09 367 00000 Fair

October2014**Mondays****0800z 6774kHz**

06/10	215 00000	Fair, QRN3 QSB3
20/10	215 00000	Weak
27/10	215 00000	Weak

1700z 4573kHz 1800z 5478kHz

06/10	01234 test	Testing at 1620z
06/10	367 124 083 03714 ... 28979 124 083 00000(f)	Fair QRN3 QSB3

367 124 083
03714 97114 56953 85130 58339 57963 98024 70124 96210 15979
79359 35522 05395 58343 28864 18289 59906 05557 16732 48085
00390 83272 49910 12650 75026 76722 56375 52191 03992 92024
99354 18794 59938 92220 17959 13596 73489 44695 57765 49006
04390 77029 78243 76623 11613 05793 44403 63564 43478 74834
13536 86647 41925 26109 80212 81317 47546 57714 22827 16490
58348 88074 98305 85991 95659 51171 20828 91059 64022 13456
37391 36374 59825 87724 76076 72497 34861 89315 86202 03370
74303 33798 28979
124 083 00000

October2014**Wednesdays****1200z 5849kHz 1300z 5295kHz**

15/10	367 124 083 (23713) mainly unreadable 28979 124 083 00000	[1200z just 367]	Very weak
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October2014**Thursdays****4526kHz 1300z**

02/10	215 00000	Weak
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September2014**Thursdays****1830z 5934kHz**

11/09	579 832 20 37839 ... 04594 832 20 00000	Very strong
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579
832 832 20 20
37839 35787 98273 60187 16202 95625 31691 52538 61025 22567
93296 67423 40968 16891 63781 34820 04842 60491 75924 04594
832 832 20 20
00000
Carrier switched off at 18:45.
Courtesy HRT, Spectre

25/09	579 832 20 37839 ... 04594 832 20 00000	Very strong
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October2014**Thursdays****1830z 5934kHz**

09/10	579 832 20 37839 ... 04594 832 20 00000	[msg as 11/09]	Very strong
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23/10	579 832 20 37839 ... 04594 832 20 00000	Strong
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September 2014**Fridays**

1900z	9926kHz	2000z	6982kHz	
05/09	167 00000			Very strong
19/09	167 00000			Strong
1930z	5442kHz			
12/09	947 nnn 20 nnnnn ... nnnnn 215 20 00000			XJTQRM4/5
24/10	947 215 20 06132 ... 04884 215 20 00000 Repeat of msg first heard 14/03/14 with different DK			Strong

October 2014**Fridays**

1900z	9226kHz	2000z	6982kHz	
03/10	167 00000			Strong

S06 et al**S06 log September:**

Daily Mon- Fri 0400z 15721kHz
 02/09 480 721 60
 16296 43668 81443 22564 52786 69007 10757 23143 30327 52897 25878 50821 97730 78241 10532 45293 33815 15860 77481 38707
 15999 11223 20963 11595 68686 70122 63748 21938 77375 72941 47280 49575 79415 72233 38302 23124 67378 53284 50436 21607
 65950 62359 04139 67982 68306 32302 73486 56744 42892 60193 93115 82800 46548 16740 24116 63805 04928 92098 01698 73140
 721 60 00000

2nd/4th Monday 1815z 1915z
 No reports

Mondays/Thursdays	1900z	5784kHz	or	1905z	5127kHz
1st	1905z	'349' 00000			RNGB
4th	1900z	'349' 00000			Malc
8th	1900z	'349' 00000			Thomas
11th	1905z	'349' 00000			Gary H
15th	1905z	'349' 00000			Malc
18th	1905z	'349' 00000			JkC
25th	1905z	'349' 00000			RNGB

Saturdays 1st/2nd/3rd and 4th	1600z	8062kHz	or	1605z	7342kHz
6th	1600z	'194' 00000	Ended 1604z Fair	Spectre	
13th	1605z	'194' 00000		Karsten	
20th	1600z	'194' 00000		Karsten	
26th	1605z	'194' 00000 (used 7332kHz)		RNGB	

Saturdays 1st and 3rd	1900z	5317kHz	2000z
06/09 1900z	'362 00000'	Ended 1904z Fair	Spectre

Saturdays 1st and 3rd	1900z	6782kHz	2000z
06/09 1900z	'621' 00000	Ended 1904z Fair	Spectre

Saturdays 1st/2nd/3rd and 4th	1930z	5787kHz	or	1935z	4614kHz
06/09 1930z	'396' 00000		Spectre		
13/09 1935z	'396' 00000 (used 4617kHz)		Malc		
20/09 1930z	'396' 00000		Gary H		
27/09 1930z	'396' 00000		RNGB		

Unscheduled: 9070kHz
 19/09 0600z '089' 175 23 10498 ... 38277 175 23 00000] 0608z Fair QRN3 QSB3 Spectre FRI
 Full transcript '089' 175 2310498 10374 77209 06394 41049 51485 81853 11669 10805 82676 77521 26759 60918
 61163 82495 79085 83557 98049 78640 84685 67476 54953 38277 175 23 00000

S06c

16319kHz 1456z 25/09 [I/P 11009] 1508z Strong QRM1 QSB1 JkC THU Carrier only between 1457z-1504z
 13524kHz 1515z 25/09 [11009] 1518z Strong QRM1 QSB1 JkC THU Carrier remained on air until 1534z

S06s September log:**Mondays**

1st/8th	0830/40	9220/8270	‘371’ 864 5 76367 84777 55977 48638 14867
15th/22nd			‘371’ 908 5 37528 45615 58729 92565 43628
1st/8th	0900/10	14580/13165	‘872’ 413 5 57914 99227 16046 11383 00359
15th/22nd			‘872’ 940 5 65351 23435 65646 29319 44564
1st/8th	1200/10	9145/11469	‘831’ 267 5 46062 68672 97478 39685 39485
15th/22nd			‘831’ 972 5 47038 21484 10618 85692 32018

Tuesdays

2nd/9th	0700/15	5760/6930	‘374’ 918 5 48304 33888 23754 97912 10870
16th/23rd			‘374’ 206 5 96320 36793 53038 76342 15009
2nd/9th	0730/40	7425/11560	‘427’ 890 5 19440 24069 19100 36531 11733
16th/23rd			‘427’ 913 5 40613 77249 40678 17976 21816
2nd/9th	0800/10	11635/10420	‘352’ 971 6 37264 82910 38774 56473 99210 67843
16th/23rd			‘352’ 901 6 96111 10544 98003 68909 45279 43828
2nd/9th	1000/10	6410/7340	‘893’ 427 5 17263 84759 78120 98016 23458
16th/23rd			‘893’ 240 5 57024 87757 72785 54876 15595
2nd/9th	1100/10	6190/7230	‘754’ 928 6 30738 98192 59983 71840 77398 27970
16th/23rd			‘754’ 203 6 50747 14952 54165 89912 66186 54629
2nd/9th	1500/10	6464/7242	‘537’ 942 6 43698 87573 14199 58778 22911 47292
16th/23rd			‘537’ 421 6 48325 70092 55645 65687 26581 54411

Wednesday

3rd/10th	0730/40	11854/12140	‘745’ 930 6 58906 31477 91127 49572 96314 52976
17th/24th			‘745’ 926 8 38281 10541 58010 29865 72431 47406 78476 88394
3rd/10th	0820/30	8630/9255	‘471’ 960 5 51990 86096 11801 86208 80344
17th/24th			‘471’ 503 6 27205 87071 72945 54977 22517 60642
3rd/10th	1000/10	13365/12952	‘729’ 504 6 86740 87543 14199 12675 39654 49477
17th/24th			‘729’ 853 6 99888 43289 91404 15654 98311 96338
3rd/10th	1230/40	7620/8105	‘967’ 431 5 71142 47868 57185 94933 27564
17th/24th			‘967’ 210 5 53966 78692 60169 84146 86154

Thursdays

4th/11th (E17z)	0800/10	14260/12930	‘674’ 930 5 21704 91596 47308 92107 40398
18th/25th			‘674’ 839 5 35283 01894 63866 19364 04826
4th/11th	0900/10	5744/6524	‘624’ 837 5 84674 89978 80361 49906 35794
18th/25th			‘624’ 890 5 64728 98013 62742 82676 64519
4th/11th	0900/10	12952/13565	‘167’ 430 5 41422 44599 36384 58353 40385
18th/25th			‘167’ 432 5 63857 26163 74746 03985 16294
4th/11th	0930/40	9081/10514	‘314’ 507 6 30307 49197 32126 83072 81333 83509
18th/25th			‘314’ 895 6 64877 92788 02635 42685 25618 28461
4th/11th	0950/1000	9985/11540	‘635’ 427 8 96435 65111 57793 98192 59983 64693 63445 67682
18th/25th			‘635’ 210 7 55884 33013 37367 45959 36512 35122 44335
4th/11th	1200/10	12415/14212	‘425’ 801 6 82232 11326 26585 43584 33291 83913
18th/25th			‘425’ 876 9 30444 32514 88194 32767 43154 94129 94045 31921 44372

Fridays

5th/12th	0600/10	7795/8695	‘196’ 873 5 68425 68563 97012 45386 44910
19th/26th			‘196’ 482 5 48959 81463 48493 36045 48252
5th/12th	0600/10	9078/10148	‘934’ 827 5 40673 74771 59284 30733 98795
19th/26th			‘934’ 216 5 85513 91225 54337 46277 47984
5th/12th	0800/10	6930/7755	‘278’ No reports
19th/26th			‘278’ No reports
5th/12th	0930/40	12140/13515	‘516’ 893 7 35813 35212 43851 45385 49844 34147 38140
19th/26th			‘516’ 932 7 84979 42009 85110 48702 30628 95711 37905

Saturday

6th	1200/10	10350/8520	‘254’ 879 6 33291 83913 72557 61391 75878 93683
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Sundays

7th/14th	0630/40	22185/20050	‘524’ No reports
21st/28th			‘524’ 831 6 35783 46225 89247 38094 31792 49794

Thanks to RRGB, Spectre, Malc, JkC, Ary

S06 log October:**15721kHz – daily Mon - Fri**

0400z 16/10 ‘480’ (lost audio) 55 00000] 0412z Weak QRM1 QSB1	JkC THU Remote tuner, Hong Kong
0400z 20/10 ‘480’ 719 50 39025 ... 62843 719 50 00000]0412z Fair QRM1 QSB3	JkC MON

480 719 50
39025 30177 99318 68700 42777 18073 89463 97635 03031 19788
13044 54537 02358 89650 24104 97609 36726 32188 43696 96186
78119 33958 12784 73968 84517 32191 29217 52685 11922 93693
35989 67095 08129 02440 52938 91278 92920 79288 69106 69142
54374 82273 37918 59099 15968 60894 42389 28834 54178 62843
719 50 00000

0400z 22/10 '480' 727 60 67060 ... 82812 727 60 00000 0413z Fair QRM1 QSB2 JkC WED (see transcript) Remote tuner, HK

480 727 60
 67060 31071 36017 81503 19311 18035 74290 64669 66693 75423
 77820 35084 31684 10663 33222 48251 79009 58148 42037 34712
 50501 47769 32108 00652 85918 07518 39360 80549 09964 67359
 95928 21581 62996 56570 85572 04429 33880 11714 52309 30217
 08397 37449 73216 28249 27657 87357 31321 64223 47962 56983
 49532 53632 26539 06261 71538 10024 81591 53528 00629 82812
 727 60 00000

0400z 23/10 '480' 353 60 80720 79793 90584 03248 93489 70950 75662 93906 91685 05713.....79274 353 60 00000]0413z Weak JkC THU Remote tuner HK
 0400z 30/10 '480' 515 60 62354 64212 69136 79470.....29305 30595 515 60 00000] 0412z Fair QRM1 QSB3 JkC THU Twente web SDR.
 Good propagation tonight.

Unscheduled:

7312kHz 2135z 15/10 [I/P ... 36020 483 50 00000] 1945z Strong QRM1 QSB1 JkC WED
5466kHz 2230z 15/10 [726 483 50 84479 ... 36020 483 50 00000] 1945z Strong QRM1 QSB1 JkC WED (see transcript)

Transcript
 7312kHz/5466kHz 2130z/2230z 15/10
 726 483 50
 84479 20514 33210 83672 17572 53543 83355 95234 58757 72332
 21596 07790 27805 46505 24920 25686 18509 80260 65478 40425
 17067 23018 57534 34125 63132 93432 71288 17445 83231 65229
 55808 12939 51234 88289 38211 19738 55553 43430 91308 20534
 77781 54313 86898 16774 12436 04918 76887 03020 82498 36020
 483 50 00000

7908kHz 2100z 17/10 '278' 00000 2104z Strong QRM1 QSB1 JkC FRI

10755kHz

01/10 0400z sends "801" for 29 minutes. Ends at 0429z 10755 01-10-2014 0430 sends "975" for 3h 40mins. Msg starts at 0810z 10755 01-10-2014 0810
 UTC 975 946 57 49039 27884 07709 43240 70052 10461 72092 42481 51987 44385 40985 73443 89996 03834 52341 36236 11261 32894 42489 66962
 43637 82542 99781 49751 94556 98896 74605 10521 38618 54941 06661 97180 37305 42781 55485 75931 39277 69027 45113 98376 34657 19799 58853
 19119 61765 88234 45089 68532 89730 81279 20060 10397 25415 48067 78542 39084 18100 946 57 00000 Ary

Monday/Thursday	1900z	5784kHz	or	1905z	5127kHz
02/10	1905z	'349' 00000			
06/10	1900z	'349' 00000			
09/10	1905z	'349' 00000			
16/10	1900z	'349' 00000			
21/10	1905z	'349' 00000			
23/10	1905z	'349' 00000	Ended 1908z S4		

Saturday 1600z	8062kHz	or	1605z	7332kHz
04/10	1600z	'194' 00000		
11/10	7356kHz	1605z	'194' 780 36 05231 68769 96281 85610 79610 05837.....29475	
18/10	7356kHz	1605z	'194' 780 36 05231 68769.....	
25/10	1600z	1600z	'194' 780 36 05231 68769 96281 85610 79610 05837 25510 83348 76124 29282 49525 03591 93964 48774 10669 21905 10914 46023 33364 16835 10628 16146 45003 45571 58740 43127 77243 55520 05018 39849 90370 24033 00423 63642 51967 29475 780 36 00000	

Saturday 1930z	5784kHz	or	1935z	4629kHz
04/10	1935z	'396' 00000		
18/10	5787kHz	1930z	'396' 425 37 35480 13318 02696 49280 93694 56197 56941 50953 10433 82894 73586 06278 07397 81348 10377 25498 34748 32808 42132 14749 57606 11125 44578 81267 10629 12456 89263 02575 43706 70016 19173 60260 71429 17875 01345 14821 74335 425 37 00000	

Saturday 2000z	5317kHz	2100z	4534kHz
04/10 & 18/10		'362' 00000	

Saturday 2030z	6782kHz	2130z	5864kHz
04/10 & 18/10		'621' 00000	

Wednesday repeat	3767kHz	
15/10	2005z	'194' 780 36 05231.....etc Repeat of Saturday

Wednesday repeat	4629kHz	
15/10 & 22/10	1935z	'396' 425 37 35480 13318 02696 49280 93694 56197.....14821 74335

S06s October report:

ID 438 has moved a couple of MHz higher. Expect it changed last month but not found then due to poor propagation.

S06s October log:**Mondays**

1st/8th	0830/40	9220/8270	‘371’ 295 6 39075 83580 39057 34178 90501 32463
15th/22nd			‘371’ 402 5 11827 36645 89891 65432 01649
1st/8th	0900/10	14580/13165	‘872’ 403 5 36232 37339 44185 37531 43135
15th/22nd			‘872’ 406 5 18273 46574 93827 10926 56748
1st/8th	1200/10	9145/11460	‘831’ 467 5 38313 31376 41468 36928 30930
15th/22nd			‘831’ 206 5 78321 67542 89231 01672 35358

Tuesdays

2nd/9th	0600/10	15855/16485	‘438’ 901 5 39093 37134 31427 36239 37963
16th/23rd			‘438’ 501 6 50111 39250 85837 32062 33461 39313
2nd/9th	0700/15	5760/6930	‘374’ 289 5 47823 32418 45478 80976 32642
16th/23rd			‘374’ 926 5 52343 79628 42432 56075 56281
2nd/9th	0730/40	7425/11560	‘427’ 985 6 39431 30153 47804 33173 39241 37924
16th/23rd			‘427’ 805 6 94302 39250 85837 32062 33461 98237
2nd/9th	0800/10	11635/10420	‘352’ 481 6 35097 87063 39561 39730 32824 39531
16th/23rd			‘352’ 480 6 30546 92538 32485 82247 42935 994463
2nd/9th	1000/10	6410/7340	‘893’ 471 5 31084 92096 38781 62106 27361
16th/23rd			‘893’ 264 5 47665 94092 48521 63823 92063
2nd/9th	1100/10	6190/7230	‘754’ 839 6 15149 21031 81334 83405 84388 97305
16th/23rd			‘754’ 902 6 34528 39182 37447 36393 42747 45649
2nd/9th	1500/10	6464/7242	‘537’ 491 6 04868 44645 54958 80316 16556 44452
16th/23rd			‘537’ 490 6 31542 38747 33534 36213 37580 39209

Wednesday

1st/8th	0730/40	11854/12140	‘745’ 281 6 47530 10597 23521 47660 92883 69901
15th/22nd			‘745’ 931 6 30546 92539 32485 82247 42935 99463
1st/8th	0820/30	8630/9255	‘471’ 980 5 80744 86200 84706 74227 61736
15th/22nd			‘471’ 908 5 46399 33972 30172 94302 50111
1st/8th	1000/10	13365/14505	‘729’ 480 5 50128 99477 83574 48874 94031
15th/22nd			‘729’ 518 6 93442 85927 85381 31402 46798
1st/8th	1230/40	7620/8105	‘967’ 243 5 48834 53735 61088 02440 59354
15th/22nd			‘967’ 218 5 84597 81254 90487 53953 36540

Thursdays

2nd/9th (E17z)	0800/10	14260/12930	‘674’ 983 5 82707 06123 22536 88280 84116
16th/23rd			‘674’ 923 5 18276 45362 01997 56489 23091
2nd/9th	0900/10	5744/6524	‘624’ 983 5 48115 24151 51802 23807 15521
16th/23rd			‘624’ 938 5 28374 75648 93840 12895 34238
2nd/9th	0900/10	12952/13565	‘167’ 803 5 17099 94961 35826 65906 77233
16th/23rd			‘167’ 842 5 19288 67532 00918 78231 10746
2nd/9th	0930/40	9081/10514	‘314’ 578 6 47330 10597 23521 47660 92883 69901
16th/23rd			‘314’ 967 5 82736 44679 89321 56340 33776
2nd/9th	0950/1000	9985/11540	‘635’ 289 7 61732 74537 57440 10597 23521 47660 92883
16th/23rd			‘635’ 982 7 21767 53672 11843 81022 36903 41412 55678
2nd/9th	1200/10	12415/14212	‘425’ 867 9 11171 64385 82707 06123 22536 88280 94116 53718 78927
16th/23rd			‘425’ 903 6 34936 42366 44254 86014 39626 83189

Fridays

3rd/10th	0600/10	9078/10148	‘934’ 260 5 81413 94073 83531 94063 63156
17th/24th			‘934’ 872 5 93442 85927 85381 31412 33542
3rd/10th	0700/10	7795/8695	‘196’ 473 5 50128 99477 83574 48874 94031
17th/24th			‘196’ 807 5 84008 83450 42868 26318 36534
3rd/10th	0800/10	6930/7755	‘278’ 460 5 88620 68069 61732 74537 57440
17th/24th			‘278’ 436 5 3-250 85527 32062 33761 98237
3rd/10th	0930/40	12140/13515	‘516’
17th/24th			‘516’ 234 7 38629 49163 38232 31416 39337 30101 37353

Saturday

4th	1200/10	10350/8520	‘254’ 819 6 17263 89173 45637 22907 23567 68891
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Sundays

5th/12th	0630/40	22185/20050	‘524’ 879 6 33796 13577 74526 46647 79302 53516
19th/26th			‘524’ 893 6 42590 48316 85101 48037 33845 36688

Thanks to: JkC, Ary, RNGB, Spectre, Malc, Karsten

And now analysis from PoSW

S06 RUSSIAN OM

As expected, many changes of frequencies as we move from summertime to the Season of Mists and Mellow Fruitfulness. In most cases frequencies are the same as used in the springtime months of March and April.

Saturday Weekly 1600 UTC or 1605 UTC Schedule:-

13-Sept-14:- 1605 UTC, 7,342 kHz, "194 194 194 00000". Signal varying between S7 and S9. This frequency was used in March and April of this year, 1600 UTC sending was on 8,062 kHz.

20-Sept-14:- 1600 UTC, 8,062 kHz, as expected, "194 194 194 00000", peaking over S9 on a clear frequency.

27-Sept-14:- 1605 UTC, 7,332 kHz, "194 194 194 00000". S9 signal.

4-Oct-14:- 1605 UTC, 7,332 kHz, "194 194 194 00000", S7 to S9.

11-Oct-14:- 1605 UTC 7,356 kHz, close to a broadcast station but clear copy with the receiver in USB mode, S9 - and a full message. It has been some time since this schedule transmitted anything other than the four minutes of "00000". Calling "194", DK/GC "780 780 36 36". This transmission was repeated on the following Wednesday at 2005 UTC.

25-Oct-14:- 1600 UTC, 8,062 kHz, call "194", still with the same message, "780 780 36 36", signal peaking well over an indicated S9 on a clear frequency.

Wednesday Repeat of Saturday "194" Message:-

15-Oct-14, 2007 UTC, 3,767 kHz, call-up in progress when found no doubt having started at 2005 UTC. Calling "194", DK/GC "780 780 36 36", same 5F groups as on Saturday 11-Oct. Inside 80 metre amateur band, interference from ham LSB stations.

Saturday Weekly 1930 UTC or 1935 UTC Schedule:-

13-Sept-14:- 1935 UTC, 4,617 kHz, "396 396 396 00000", peaking over S9. Again, same within a few kHz to frequency used in the springtime. 1930 UTC was on 5,787, +/-.

20-Sept-14:- 1930 UTC, 5,787 kHz, "396 396 396 00000", S9+, QRM free.

11-Oct-14:- 1935 UTC, 4,629 kHz, and as with the 1605 UTC "194" a somewhat unusual "full message". There must be something going on! Call "396", DK/GC "425 425 37 37". S9 signal on a clear frequency.

25-Oct-14:- 1935 UTC, 4,629 kHz, same 5F message as heard on the 11th, "396" and "425 425 37 37", S9 and QRM free.

First + Third Saturdays in the Month 1900 UTC + 2000 UTC Schedule, call "362":-

20-Sept-14:- 1900 UTC, 5,307 kHz, "362 362 362 00000", S9+ with slight interference from a weaker idling FSK signal on a close frequency. 2000 UTC, 4,534 kHz, second sending, S9+, the swept carrier which lives down here just enough to be a nuisance.

Moved forwards by one hour in October, similar time shift observed in October of past years:-

4-Oct-14:- 2000 UTC, 5,317 kHz, "362 362 362 00000", S8 to S9 on a clear frequency.

2100 UTC, 10 PM in the UK, 4,534 kHz, second sending, S9 with QSB.

First + Third Saturdays in the Month 1900 UTC + 2000 UTC Schedule, call "621"

20-Sept-14:- 1900 UTC, 6,782 kHz, "621 621 621 00000". Only just readable under a strong "XJT". 6,782 was used in the springtime, was a clear frequency then.

2000 UTC, 5,864 kHz, second sending, S9+ and in the clear.

As with the "362" schedule above, this one also did a not altogether unexpected leap forwards in time in October, not by one hour but by one-and-a-half hours.

4-Oct-14:- 2030 UTC, 6,782 kHz, "621 621 621 00000", S9 signal. Unusually for an S06 the carrier did not go QRT straight after the transmission and there was still a carrier up on 6,782 when checked just before 2100 UTC.

2130 UTC, 5,864 kHz, second sending, S9 with slight side-band splash from a weaker broadcast station, "Half past ten of a Saturday night and all's well!"

Monday + Thursday 1900 UTC or 1905 UTC Schedule:-

8-Sept-14, Monday:- 1900 UTC, 5,784 kHz, "349 349 349 00000", S9 to S9+. Seasonal change of frequency as expected, this "349" schedule has used the same frequencies in any given month for years, 1905 UTC sending should be on 5,127 kHz give or take.

11-Sept-14, Thursday:- 1905 UTC, 5,127 kHz, as expected, "349 349 349 00000", S8 to S9.

15-Sept-14, Monday:- 1905 UTC, 5,127 kHz, "349 349 349 00000", unusually weak signal this evening, S4 to S5 at best.

18-Sept-14, Thursday:- 1905 UTC, 5,127 kHz, "349 349 349 00000", S8 to S9.

22-Sept-14, Monday:- 1900 UTC, 5,784 kHz, "349 349 349 00000", S9+.

29-Sept-14, Monday:- 1900 UTC, 5,784 kHz, "349 349 349 00000", peaking over S9.

2-Oct-14, Thursday:- 1905 UTC, 5,127 kHz, "349 349 349 00000", S7 to S8.

9-Oct-14, Thursday:- 1905 UTC, 5,127 kHz, "349 349 349 00000", up to S9.

13-Oct-14, Monday:- 1905 UTC, 5,127 kHz, "349 349 349 00000", peaking over S9.

20-Oct-14, Monday:- 1905 UTC, 5,127 kHz, "349 349 349 00000", S9.

23-Oct-14, Thursday:- 1905 UTC, - this "five minutes offset" very popular, it seems – 5,127 kHz, "349 349 349 00000", peaking well over S9.

S11a log Sept/Oct

4016kHz	1955z	03/09 [370/00] Конец 1958z Strong QRM1 QSB1	JkC, RNGB	WED
	1955z	05/09 [370/00] Конец 1958z QSA4	Karsten, Fox	FRI
	1955z	10/09 [370/00] S9+10	Malc	WED
	1955z	17/09 [370/36 35042 94802 79562 17576 46873 20441 30279.....94481 12976] Конец 2006z S9	Malc, JkC	WED
	1955z	03/10 [370/00] Конец 1958z Strong QRM1 QSB1	JkC	FRI
	1955z	08/10 [370/00] Конец 1958z S9	Malc	WED
	1955z	15/10 [370/00] Strong	RNGB	WED
	1955z	17/10 [370/00]	Gary H	FRI
	1955z	22/10 [370/00] Weak	RNGB	WED
	1955z	29/10 [370/33 76826 19736 61358 15675 44208 47828 20626 33335.....97053 27267] Конец	RNGB	WED
	1955z	31/10 [370/33 76826..... 27267] Конец (Repeat of Weds)	JkC	FRI
5358kHz	0455z	05/09 [328/36 62810 90447 67173 16025 58286 32827.....90713 90014] Конец 0506z Strong	JkC	FRI
	0455z	12/09 [320/00]	RNGB	FRI
	0455z	23/09 [320/00]	RNGB	TUE
	0455z	30/09 [320/00] Strong	RNGB	TUE
	0455z	07/10 [320/00] Strong	RNGB	TUE
	0455z	17/10 [320/00] Конец 0458z Strong QRM1 QSB1	JkC	FRI
	0455z	21/10 [320/00] Конец 0458z Fair QRM1 QSB1	JkC	TUE
	0455z	28/10 [325/38 41855 62476 24954 74112 74691 37878 97851....20725 45108] Конец 0507z Strong	JkC	TUE
5815kHz	1020z	03/09 [221/00] 1023z Fair QRN3 QSB3	Spectre	WED
	1020z	06/09 [221/00] Конец 10:23z QSA4	Karsten	FRI
	1020z	20/09 [221/00] 1023z Fair QRN3 QSB3	Spectre	SAT
	1020z	27/09 [229/33.....] Конец 1031z Too much QRM to copy msg QSA3 QRM4	Karsten	SAT
7317kHz	0915z	02/09 [484/00]	RNGB	TUE
	0915z	05/09 [484/00] Strong	Fox	FRI
	0915z	12/09 [484/00] S2	Malc	FRI
	0915z	16/09 [484/38 42313 ... 24851] 0927z Fair QRN3 QSB3	Spectre	TUE
	0915z	23/09 [484/00] Fair	RNGB, Malc	TUE
	0915z	30/09 [484/00]	RNGB	TUE
	0915z	07/10 [484/00]	RNGB, Malc	TUE
	0915z	14/10 [486/37 58607 77506 46850 57658 06788 01255 29375 11179.....87169 09947]	RNGB	TUE
	0915z	21/10 [484/00] Конец 0918z S5	Malc	TUE
	0915z	24/10 [484/00]	RNGB	FRI
	0915z	28/10 [484/00] Конец 0918z Strong QRM1 QSB1	JkC	TUE
	0915z	31/10 [484/00]	RNGB, Malc	FRI
9960kHz	1020z	02/09 [426/00]	RNGB	TUE
	1020z	09/09 [422/34 80355 ... 49151] 1031z Fair QRN3 QSB3	Spectre	TUE
	1020z	23/09 [426/00]	RNGB	TUE
	1020z	07/10 [427/38 66466 27171 86206 09661 76949 95160 89852.....78504 69515] Good	RNGB, Malc	TUE
	1020z	14/10 [426/00] Конец 1023z	RNGB	TUE
	1020z	21/10 [426/00] Конец 1023z S2	Malc	TUE
	1020z	28/10 [426/00] Конец 1023z Strong QRM1 QSB1	JkC	TUE
	1020z	31/10 [426/00]	RNGB, Malc	FRI
14940kHz	0715z	01/09 [382/00]	RNGB	MON
	0715z	03/09 [382/00] 0718z Fair QRN3 QSB3	Spectre	WED
	0715z	15/09 [385/37.....] Конец 0725z S5	Malc	MON
	0715z	22/09 [382/00]	RNGB, Malc	MON
	0715z	29/09 [382/00]	RNGB	MON
	0715z	06/10 [382/00] Конец 0718z S6	Malc	MON
	0715z	08/10 [382/00]	RNGB	WED
	0715z	15/10 [382/00]	RNGB	WED
16112kHz	1015z	04/09 [476/35 39763 72843 85596 52640 18258 13858 71986.....76530 52389] Good	RNGB	THU
	1015z	11/09 [475/00] 1018z Fair QRN3 QSB3	Spectre	THU
	1015z	15/09 [475/00] Конец 1018z S5	Malc	MON
	1015z	25/09 [475/00]	RNGB	THU
	1015z	06/10 [475/00] Конец 1018z S4	Malc	MON
	1015z	09/10 [475/00] Конец 1018z S5	Malc	THU
	1015z	16/10 [475/00] Конец 1018z S9	Malc	THU
	1015z	20/10 [475/00] Конец 1018z S5	Malc	MON

NOTE: Due to the many variations in the reported endings of S11a I have now written it correctly in Cyrillic.
The pronunciation in English is Konyetz

V02a

V02a put in two welcome appearances both on 7554kHz at 2000z in place of the usual M08a schedule. The pattern of the numbers in the callups follows that seen for M08a and these are listed in the analysis of the M08a callups with a V after the numbers to indicate they are V02a callups.

V02a 7554kHz 2000z	23/10 [A83872 16301 20632]	THU
V02a 7554kHz 2000z	11/09 [A81682 04011 17442]	THU

V07
September2014
Sundays

0300z	16037kHz	0320z	14637kHz	0340z	12137kHz
07/09	661 661 661 000				Strong
14/09	661 1 682 95 74123 7442579315 000 000				Fair, with hum
	661 661 661 1 (x5) 682 95 (x2) 74123 74425 31941 05033 92973 13759 13321 82717 47421 32298 23427 43389 33523 49235 90102 24392 19345 17888 38550 23959 33342 77001 39399 22023 77831 52810 47302 85914 45431 32345 03579 33908 29114 70097 97923 35702 33041 15339 25308 18277 87113 13344 75205 40842 34373 24870 55497 33435 93334 32031 44322 80892 07952 81345 32807 73589 98325 45392 12431 48582 42334 02144 42823 59823 33425 17037 90797 97133 83539 42333 52374 98031 33132 44145 00020 29377 80429 80119 93949 27028 17817 98344 95207 14015 30831 21733 53222 33183 42443 17974 02874 98870 74202 22273 79315 000 000 <i>Courtesy DanAr</i>				
21/09	661 661 661 000				Fair with Hum

October2014
Sundays

0100z	18074kHz	0120z	15874kHz	0140z	14374kHz
05/10	883 883 883 1 752 87 81415 ... 72582 000 000				Weak
	883 883 883 1 (x5) 752 87 (x2) 81415 97771 48900 04743 14343 11483 32303 88208 48203 32132 25174 73388 17931 82484 13889 53430 33951 27789 43534 12450 04737 08323 79130 88333 22150 93073 03709 94248 52333 84989 72120 30071 51721 52198 51758 72723 01138 28243 73017 91370 78084 81990 84359 34393 80129 95488 12729 17719 73244 52399 92130 93250 31344 91383 50830 22327 29574 54033 91318 83993 30530 70947 33392 58305 94890 91101 39878 23337 02953 54543 74152 18039 20008 73232 55297 87910 13330 02385 13805 33213 94091 00834 35304 27738 70155 24471 72582 000 000 <i>Courtesy DanAr</i>				
19/10	883 883 883 000				Weak
26/10	883 1 243 67 49003 ... 01493 000 000				Weak
	883 883 883 1 (x5) 243 67 (x2) 49003 80554 74880 01811 04881 37787 22434 30343 13090 80980 87391 13728 33385 17204 53493 33155 95357 05753 34502 31712 19998 02453 93498 01590 73088 21247 53830 35170 19497 49577 74047 23383 34033 39800 09415 50737 91337 78752 42405 55310 45425 12449 73393 55181 18252 81303 72410 47303 74351 01372 81837 57120 49902 71174 94320 49579 43393 41298 41933 43253 30388 74519 54337 31488 88974 45737 01493 000 000 <i>Courtesy DanAr</i>				

V21

The Babbler has once again been very active with lots of interest over the September/October period.

6529kHz has remained in its 1300z slot but will probably move to 1400z when the clocks "fall backwards" on November 2nd.

Babbler on 6529kHz continues to count in groups of 10 normally pausing every 10 digits.

Babbler on 5637kHz counts generally to either 32 or 49 and also transmits long strings of numbers often very rapidly and sometimes for many hours.

Highlights over the past 2 months.

5/9 on 5637kHz he quite noticeably started skipping over 36 during many of the counts.

6/9 on 6529kHz he started skipping numbers as noted on 5637kHz the previous day. (Never heard them do this before). This practice has continued on and off since then.

19/9 on 6529kHz, Some chatter heard. The Spanish words "Correct", "Go Ahead" and "Received" are audible.

23/9 on 5637kHz 0800z. 2 Babblers at once, One fast, One slow!

26/9 on 6529kHz 1300z, some chat with the words "Correct" and "Received" heard.

28/9 on 5637kHz 0000z, 4 hour transmission!

29/9 on 5637kHz 0000z, 4 hour transmission!

1/10 on 5637kHz 2345z, during one count to 19 he throws very rapid 00s between the numbers up to 14, Odd.

6/10 on 6529kHz 1300z, ends with a count to 150 (never usually goes above 100)

9/10 on 6529kHz 1300z, deliberately skipping groups of numbers

14/10 on 5637kHz 2245z During one of the counts he clearly says 68 instead of 26 without missing a beat. Also sounds like there is a child in the background at one point.

19/10 on 6529kHz 1300z, first count goes up to 130!

22/10 on 5637kHz 0000z, other voices can often be heard in the background on 5637kHz today Babbler keeps laughing and losing his place. It seems someone was messing with him!

27/10 5637kHz 0800z, pauses as is normal during the counts but repeats the number he paused on before continuing which is not normal.

On to the logs.

V21 5637kHz 1100z 1/9 [Begins with 2 minutes of very fast counting, counts to 49 on one occasion immediately returning to 1. 49, 49, 10, 49, 46, 46, 49, 49, 41, 25, 10, 49, 36, 25, 49, 5 minute break then 43, 26, 49, 49, 17, 32, 42, 22, 46, 42, 22, ??, 34, ??, 32, 42, 49, 42, 32, 47, 48, 21, 4, 23, 35, 13, 16, 11, 11, 20, 4, 8, 35 skipping 19, 30, 13 end counting then 00 21 00 21 65 343 61 00 22 00 22, ?? 00 21 00 21 237 414 00.....back to counting 49, 49, 11, 49, 22, 1, 1, 1, 1, 49, 45, 1, 1, 47, 1, 1, 1, 15, 49, 49, 37, 42, 19 END] MON

V21 6529kHz 1300z 1/9 [10, 30, 30, 30, 30, 30, 30, 20, 10, 30, 30, 30, 30, 30, 30, becomes too weak to copy] MON

V21 6529kHz 1300z 2/9 [20, 20, 50, 100, 30, 30, 30, 100, 20, 10, 40, 60, 20, 50, 30, 60, 10, 60, 20 END] TUE

V21 5637kHz 0000z 3/9 [49, 49, 49, 10, 49, 49, 49, 49, 49, 49, 46, 32, 49, 16, 49, 46, 42, 33, 36, 49, 49, 49, 21, 49, 49, 10, 49, 23 END] WED

V21 5637kHz 1145z 3/9 [49, 49, 36, 46, 30, 49, 49, 16, 17, 49, 49, 49, 43, 22, 46, 49, 32, 49, 10 END] Different voice from earlier. WED

V21 6529kHz 1300z 3/9 [60, 60, 60, 70, 50, 40 END] WED

V21 6529kHz 1300z 4/9 [60, 40, 30, 10 END] THU

V21 5637kHz 0000z 5/9 [32, 49, 22, 22, 26, 49, 16, 36, 42, 32, 49, 49, 42, 49, 23, 49, 49, 22, 22, 16, 36, 49, 36, 42, 32, 37, 22, 36, 36, 16 END] TX lasted 11 minutes. FRI

V21 5637kHz 0800z 5/9 [49, 38, 49 (misses 36), 38 (misses 36) END] Short unintelligible phrase repeated 4 times. FRI

V21 5637kHz 0900z 5/9 [41, 11, 11, 26, 49 (skips 36), 49 (skips 36), 36, 10, 49, 22, 49, 49 (skips 23), 10, 49 (skips 23), 49, 49 (skips 36), 30, 49, 42, 22, 49, 42, 26, 11, 5, 16, 49, 26, 42 (skips 36), 49, 30, 42 (skips 36), 42 (skips 36), 49, 49, 49, 33, 49 (skips 36), 32, 42, 26, 36, 46, 49, (skips 27-30 and 36), 22, 49 (skips 36), 36, 36, 5, 42 (skips 29), 32 (skips 29), 40, 40, 40, 40, 40, 16, 7 END] TX lasted 26 minutes. Skipping of numbers seemed deliberate, 36 was skipped unless the operator paused briefly on that number. FRI

V21 6529kHz 1300z 5/9 [Present but too weak to copy] FRI

V21 5637kHz 2350z 5/9 [in progress 49, 32, 16, 17, 5, 16, 16, 49, 46, 22, 43, 16, 49, 49 (repeats 42 twice), 49, 10, (new voice starts), 30, 16, 36, 16, 16, (back to original voice, very slow), 33, 5, 11, 13, 49, 17, 49, 16, 22, starts random numbers 30, 30, 00 30 00 91 41 00 95 95, 09.....00 21 00 21 45 11 00 95 11 00 20 00 80 25.....continues but difficult to copy continues for 5 minutes ending with 4 0 93 11 00 48 80] FRI

V21 6529kHz 1300z 6/9 [50, 40, 50, 50, 50, 40, 50, 40, 30 (clearly skips 23 and 1 or 2 more numbers on the way to 30.), 10, 30, 100, ??, ??, continues for several minutes but too weak to copy.] Note he skipped some numbers as did the 0900z TX on 5637kHz yesterday. SAT.

V21 5637kHz 0000z 7/9 [10, 26, 10, 49 (skips 36 to 38), 10, 22, 31, 49, 10, 16, 49, 33, 30 (start at 40 count to 49), 49, 48, 39, ??, 22, 49, 10, restart at 38 counting to 49, 36, 22, 26, 49, 49, 9, 22, 25, 48, 17, 49, 46, 49, 42 (skips 36), 15 END] TX lasts 12 minutes. SUN

V21 5637kHz 0030z 7/9 [2669 437 3.....42 8 97 268 23.....4599 494 23.....4369 2117 23.....2599 494 24.....35 5 99 292 24.....2669 251 25.....2599 449 26.....2669 237 6 2497 144 5 2594 325 6.....2492 2297 125 27.....continues for 1 hour ending with 3796 489 12.....3569 36.....3780 327 21] SUN

V21 6529kHz 1300z 7/9 [Present but too weak to copy] SUN

V21 6529kHz 1300z 8/9 [20, 10, 48, 30, 40, 50, 20, 40, 50, 50, 30, too much noise to copy for 5 minutes, 70, 30, 10, ??, 50, 30, 40, 30, 20, 20, 30, 30] very weak transmission eventually becomes too weak to copy. TX lasts approximately 25 minutes. MON

V21 5637kHz 0000z 8/9 [49, 49, 26, 49, 49, 25, 2, 49, 16, 26, 49, 30, 32, 2, 45 (repeats 43 twice), 40, 2, (7 minute pause the 21, 42 (skips 36), 36, 5. Starts very slow counting 49 (skips 36), 49, 49 (skips 36), 16 END] MON

V21 6529kHz 1300z 9/9 [30, too weak to copy for 5 minutes, 30, 50, 50, 20, 10, 30, 10, 10, 60, 30, becomes too weak to copy, continues for at least 5 more minutes] TUE

V21 5637kHz 0340z 10/9 [32, 32, 32, 32, 32, 32, 32, 32, 32, 16, 32, 32, 19, 32, 32, 26, 32 (skips 19-23), 32, 12, 32, 32, 32, 16, 32, 32, 32, 32, 32 (repeated 11 twice), 32, 32, 32, 32 (skips 23), 32, 32, 29, 30, 6, exhales loudly, END] TX lasted 15 minutes. WED

V21 6529kHz 1320z 10/9 [30, 60, 30, 20, 20, 40, 50, 40, 50, 40, 30 END] Very weak. WED

V21 5637kHz 0300z 11/9 [32, 32, 32, 32, 32, 30 (skips 13-17), 32, 32, 31 (skips 12-16), 32, 32, 32, 22, 30 END] THU

V21 5637kHz 0400z 11/9 [10, 11, 69 (said 1 twice), 5...Different voice starts 16, 49, 49 (skips 36), 49 (skips 36), 49, 22 END] THU

V21 5637kHz 1200z 11/9 [1, 49, 49 (skips 36), 16, 49 (skips 36), 49, 10, 33, starts at 27 counting to 49 but skips 36, 42, 49, 49, 46, 49, 22, 46 END] THU

V21 5637kHz 1230z 11/9 [4563 467 19.....24 69 66.....00 27 00 27 161 19 11 00 125 61 30 39 20.....00 28 35 269 61 00 21 2700 61 269 21 2500 4300 11 21.....2800 61 427 21.....] THU

V21 6529kHz 1255z 11/9 [50, 50, 10, 20, 20 30, 60, 20, 10, 60, 60, 40, 50, 30, 50, 40 END] TX lasted 14 minutes. THU

V21 5637kHz 0600z 12/9 [3464 139 51 3597 429 51.....35 1397 429 52 END] FRI

V21 5637kHz 1200z 12/9 [32, 32, 32, 32, 32, 22, 32, 32, 8, 31, 32, 32, 32, 32, 32, 32, 22, 32, 29, 32, 32, 16, 32, 32, 32, 15 END] FRI

V21 6529kHz 1300z 12/9 [Present but too weak to copy] FRI

V21 5637kHz 0030z 4/10 [00 00 21 211 1369 61 00 25 21 459 5.....00 21 193 1346 61 00 21 5 21 296 1397 25.....21 1311 468 100 2796 1369 26.....00 23 00 23 296 456 00 26.....26 296 467 26 21 421 211 488 26.....24 216 41 16 23 223 495 17 21 220 484 27 27 217 193 17.....Ends after 3.5 hours with 13 13 13 24 ?? 25 11 00 2600 28 110 95 00] SAT

V21 5637kHz 0800z 4/10 [30, 12, start at 3 count to 22, 42, 32, 34 END] SAT

V21 5637kHz 1300z 4/10 [Counting in progress but too weak to copy] SAT

V21 5637kHz 2330z 5/10 [32, 32, 31, 31 (skips 27), 26, 32, 32, 22, 22, 32, 32, 22, 16, 32, 32, 32, 21, 22, 32, 32, 32, 32, 22, 32, 22, 32, 32, 22, 20, 1 (3 minute pause) 32, 32, 32, 32, 22, 21, 22, 22, 31, 12 END] SUN

V21 5637kHz 0000z 5/10 [32, 26, 22, 32, 32, 29, 32, 32, 32, 22, 32, 32, 22, 32, 32, 32, 32, 32, 22, 32, 22, 22, 32, 32, 32, 32, 29, 32, 22, 32, 22, 22, stops for 1 minute, 9, 32, 16 stops for 4 minutes then into strings of numbers, 00 25 00 26 91 11 00 72 11 00 72 11 00 20 00 461 11 00.....00 27 22 167 262 365 162 20 00 continues for 1 hour ending with 29 29 265 311 62 31 32 00 424 62] SUN

V21 6529kHz 1300z 5/10 [30, 50, 30, 30, 20, 30, 50, 50, 50, 50, 10, 10, 40, 50, 100, 50, 20 END] SUN

V21 5637kHz 0000z 6/10 [says 11 on its own then counts to 11, 1, 4 then 20 20 0 0.....20 20 0 0.....0 0 21 0 0 21...11 11 00.....20 20 0 0.....00 21 00 22 495 194 196 194 20 0 0 20 0 0.....00 21 00 22 495 194 196 194 60 00 60 00.....00 22 00 22 264 164 264 269 61 00 20 01.....30 30 0 31 296 498 169 02..... continues for 3 minutes but unable to copy ends with 20 20 24 24 2100 199 0166 68 24 05] MON

V21 6529kHz 1300z 6/10 [50, 50, 40, 30, 50, 30, 40, 20, 40, 50, 50, 20, 50, 150 then becomes too weak to copy] MON

V21 5637kHz 1310z 8/10 [30, 70, 50, 70, 80, 50, 50, 30, 30, 30, 30, 50, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 70, 30, 30, 30 END] WED

V21 5637kHz 2345z 8/10 [24, 2, 16, 31, 26, 32, 19, 31, 27, 31, 22, 32, 12, 21, 22, 27 END] WED

V21 6529kHz 1300z 9/10 [30 (skips 23), 30 (skips 16 17 and 18), 30 (skips 16 17 and 18), 30 (skips 16 17 and 18 and 23), 30 (skips 16 17 and 18), 30 (skips 16 17 and 18), 30, 30 (skips 16 17 and 18), 30 (skips 16 17 18 and 23), 30 (skips 16 17 and 18), 30 (skips 16 17 and 18), 30 (skips 16 17 and 18), 7 END] THU

V21 6529kHz 1300z 10/10 [50, 50, 50, 30, 50, 40, restarts at 30 counting to 50, 100, 100, 100, 100, 100, 70, 20, 50, 50, 20 END] FRI

V21 6529kHz 1300z 11/10 [50, 50, 60, 50, 50, 50, 20, 30, 100, 100, 100, 50, ??, 40, 30, 20, 10 END] SAT

V21 5637kHz 0000z 12/10 [No copy] SUN

V21 5637kHz 1330z 12/10 [Found in progress no copy] SUN

V21 5637kHz 0000z 13/10 [31, 32, 32, 31, 32, 32, 32, 32, 32, 32, 32, 32, 32, 32, 32, 26, 32, 32, 32, 22, 32, 32, 22, 32, 22, 22, 32, 31, 32, 32, 32, 32, 32, 15, 32, 32, 22, 32, 22, 32, 32, 29, 10 END] MON

V21 6529kHz 1300z 13/10 [30, 60, 30, 20, 40, 60, 50, 30 END] TX lasted 6 minutes. MON

V21 5637kHz 2245z 14/10 [32, 32, 31, 29, 31, (counts to 27 but says 68 instead of 26), 31, 31, 32, 31, 31, 29 (child heard in the background), 32, 31, 32, 22, 11, 10, 32, 11, 22, 26, 32, 32, 31, 31, 31, 31 (skips to 9 to 20), 32, 31, 26, 22, 16, 26, 32, 16, 31, 8, 16, 31, 32, 31, 31, 22, 31, 31, 31, 31, 31, 31, 22, 12, 6, 31, 22, 22, `7 (something unintelligible), 1, (says something else) 8, 11, 1 END] TUE

V21 6529kHz 1300z 14/10 [30, 30, 30, 70, 30, 30, 60, 30, 60, 30, 30, 20 continues but too much lightning noise for good copy.] TUE

V21 5637kHz 0000z 15/10 [31, 32, 32, 31, 31, 31 (and half of 32, 23, 31, 22, 32, 32, 22, 22, 22, 21, 11 (Skips 10), 22, 22, 22, 10, 22 (skips 10), 5, 21 (skips 10 and 20), 31, 16 (skips 10), 22 (skips 10), 31, 31 (skips 10 and 20), 32, 22 (skips 10 and 20), 22 (skips 10 and 20), 22 (skips 10 and 20), 20 END] WED

V21 6529kHz 1300z 15/10 [30, 30, 30, 30, 20, 30, 30 (skips 16), 30 (skips 16), 30 (skips 16), 30 (skips 16), 30 (skips 16), 30 (skips 16), 30 (skips 16), 30 (skips 16), 20 (skips 16) END] WED

V21 5637kHz 0930z 16/10 [32, 31, 31, 31, 32, 31, 31, 31, 31, 29 END] THU

V21 6529kHz 1300z 16/10 [30, 30 (skips 16), 30 (skips 16), 30 (skips 16), 30, becomes too weak to copy] THU

V21 5637kHz 0930z 16/10 [31, 31, 23, 21, 31, 31, 16, 21, 22, 22, 32, 32, 22, 22, 22, 31, 22, 22, 32, 22, 29, 22, 7 END] Sounded like he was skipping 10 again but too fast to be 100% certain. THU

V21 6529kHz 1300z 18/10 [30, 30 (repeats 11-20 twice), 30, 30 END] TX lasted 3 minutes. SAT

V21 6529kHz 1300z 19/10 [130, 50, 70, 50, 33, 50, 50, 10, 20, 50, 50, 50, 50, 10, 46 END] Unusual count above 100 at the start. SUN

V21 5637kHz 2345z 19/10 [32, 32, 32, 32, 16, 22, 32, 22, 22, 22, 16, 4 END] SUN

V21 5637kHz 0900z 20/10 [22, 22, 32, 22, 22, 32, 22, 22, 32, 22, 16, (4 minute pause then) 22, 32, 32 (skips 10), 32, 22, 32, 22 (skips 10), 32, 22, 29, 32 (skips 10), 22, 22, 32, 22 (skips 17), 32, 22, 32, 19 END] MON

V21 6529kHz 1300z 20/10 [40, 30, 20, 30, 10, 50, 50, 50, 50, 60, 50, 50, 50, 40, 50, 40, 50, 50, 30, 50, 30 END] MON

V21 5637kHz 2245z 20/10 [20, 9, 28, 31 (skips 20), 31, 32, 31 (skips 20), 31, 23, 32, 36, 32, 36, 30 END] MO

V21 6529kHz 1300z 21/10 [2, 40, 30, 30, 30, 50, 30, 20, 30, 40, 30, 50, 50, 50, 40 END] TUE

V21 5637kHz 0000z 22/10 [32, 29, 22, 32, 3, 32, 32, 32, 22, 32 (skips 10), 32, 32, 22, 6, 15 (restarts at 11 counting to 32), 16, 4, 32, 16 (restarts at 10 count to 22), 16 (skips 10), 14 (restarts at 11 counting to 15), 32, 32, 22, 32, 22, 5, 32, 4, 32, 32, 32, 32, 22, 22, 17, 4, 13, 32, 22, 22, 30, 22, 31, 29, 32, 11, 32, 32, 21, 32, 7, 32, 32, 32 END] Fun day in Babbler world, he keeps laughing and losing his place! WED

V21 6529kHz 1300z 22/10 [50, 50, 30, 50, 50, 50, 50, 50, 50, 50, 10, 20, 60, 60 END] TX lasted 8 minutes. WED

V21 6529kHz 1300z 23/10 [30, 30, 30, 30, 30, 30, 50, 50, 40, 50, 50, 80, 50, 20, 40, 50, ??, 30, 30, 40, ??, too weak to copy for 2 minutes, 30, 30, 20 END] TX lasted 16 minutes. THU

V21 6529kHz 1300z 24/10 [50, 50, 30, 30, 10, 50, 30, 50, 60, 100, 50, 10, 30, 20, 30, 30, 30, 20, 20, 10, 10, 50, 20, 40, 20, 10, 50, 50, 30, 30, 30, 40, 30, 10, 20, 30, 50, 50, 60, 20, 10, 50, 30, 10, 20, 50, 30, 30 END] TX lasted 28 minutes. FRI

V21 5637kHz 2300z 24/10 [31, 22, 22, 31, 31, 22, 6, 32, ??, 32, 31, 31, 31, 31, 31, 31, 22, ??, 31, 31, 31, 21, 32, 32, ??, 22, 31, 21, 32, 12, 4, 22, ??, 21, 32, 16, 12, 10, 4, 14, 18, 4, 16, 20, 22, 22, 20, 22, 22, 6, 22, 1, 22, 15, 7, 6, 11, 22, 1, 22, 6, 6, 22, 8, 22, 16, 7, 14 END] FRI

V21 6529kHz 1300z 26/10 [Too weak to copy] SUN

V21 5637kHz 1330z 26/10 [Found in progress, too weak to copy] SUN

V21 5637kHz 0800z 27/10 [49 (pauses on 22, 32 and 42 and repeats those numbers when continuing), 49 (pause on 26 and 42 repeating these numbers when he continues), 10, 49 (pauses on 32 and 42 repeating these before continuing. Also skipped 36), 20, 21, 49 (pause and repeat 22), 46 (pauses on 30 and repeats 30 before continuing), 36, 49, 42 (pause and repeat 22), 49, 10, 46, 36 (pause and repeat 22), 10, 36 (pause on and repeat 22), 8, 26, 16, 32, 46 (pause and repeat 36), 11, 9, 22, 9, 49, 36, 49, 36, 11, 6, picks up at 20 ending on 26] MON

V21 6529kHz 1300z 27/10 [30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 30, 10 END] MON

V21 5637kHz 0000z 28/10 [21, 31, 31, 32, 32, 31, 16, (stops for 3 minutes), 31, 7, 21, 31, 31, 21, 31, 31, 22, 26, 2 END] TUE

V24

V24 activity seems greatly reduced, I hope it is not going the way of M94. This month I monitored all time slots and all known V24 frequencies, attempting to update my V24 schedule. I found fewer transmissions this month than when I put together the current schedule. Since some V24 transmissions are tied to the month (some time slots are even months, other are odd months) the schedule cannot be close to complete until after monitoring 2 complete months of activity, I will put it out at the end of next month. I only copied 6 transmissions total for the month of August, 2014

I did have more time this month to look for additional V24 frequencies, and did not locate one. Of course that does not mean there is not one, however I think it less likely now than before.

Another note, I did not log a single transmission on the relatively new frequency of 5290 kHz.

V24 Logs:

6310 kHz, 1430z, August 5, 2014, Token, TUE
6215 kHz, 1330z, August 6, 2014, Token, WED
6310 kHz, 1430z, August 6, 2014, Token, WED
6310 kHz, 1430z, August 15, 2014, Token, FRI
6215 kHz, 1300z, August 26, 2014, Token, TUE
4900 kHz, 1530z, August 31, 2014, Token, SUN

POLYTONES

XPA c

September2014

Wednesdays/Saturdays

0600z	10359kHz	0620z	11559kHz	0640z	13559kHz
03/09	355 1 00266 00243 75923 22615				Strong
06/09	355 1 00266 00243 75923 22615				Fair
10/09	355 000 01583 00001 00000 10140				Very strong
13/09	355 000 06635 00001 00000 10140				Strong
17/09	355 1 06396 00181 11047 27305				Very strong
20/09	355 1 06396 00181 11047 27305				Very strong
24/09	355 000 07440 00001 00000 10140				Very strong
26/09	355 000 07813 00001 00000 10140				Fair

October2014

Wednesdays/Saturdays

0600z	10868kHz	0620z	12168kHz	0640z	13368kHz
01/10	813 1 00349 00157 09561 56200				Strong
04/10	813 000 01201 00001 00000 10140				Very strong
08/10	813 1 03447 00123 79019 61024				Very strong
11/10	813 1 03447 00123 79019 61024				Very strong
15/10	813 000 03588 00001 00000 10140				Very strong
18/10	813 000 07541 00001 00000 10140				Very strong
22/10	813 000 05125 00001 00000 10140				Very strong
25/10	813 000 04611 00001 00000 10140				Very strong
29/10	813 1 06985 00213 79974 37634				Very strong

XPA e
September2014
Tuesdays/Thursdays

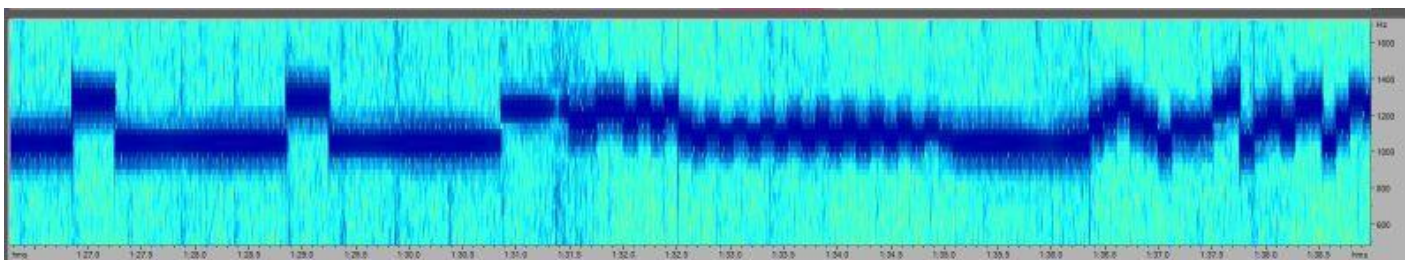
1900z	11576kHz	1920z	10476kHz	1940z	9276kHz	
02/09	542 1 03460 00229 24364 66717					Fair
04/09	542 1 03460 00229 24364 66717					Very strong
09/09	542 000 06138 00001 00000 10140					Strong
11/09	542 000 02866 00001 00000 10140					Very strong
16/09	542 1 04365 00253 71465 07523					Strong
18/09	542 1 04365 00253 71465 07523					Strong
23/09	542 000 05357 00001 00000 10140					Fair
25/09	542 000 07128 00001 00000 10140			1900/1920z too weak to process, General condx poor		Weak
30/09	542 1 04420 00171 22179 50612					Strong

October2014
Tuesdays/Thursdays

1900z	9362kHz	1920z	8062kHz	1940z	7462kHz	
02/10	304 1 04420 00171 22179 50612					Strong
07/10	304 000 04623 00001 00000 10140					Strong
09/10	304 000 06656 00001 00000 10140					Strong
14/10	304 1 08784 00277 13785 60177					Fair
16/10	304 000 08448 00001 00000 10140			[1920/1940z weak]		Strong
21/10	304 1 00543 00239 98973 45443			[1920/1940z weak and noisy]		Fair to strong
23/10	Too weak to process					
28/10	304 000 05111 00001 00000 10140					Very strong
30/10	304 000 01451 00001 00000 10140					Weak to Fair, QSB2

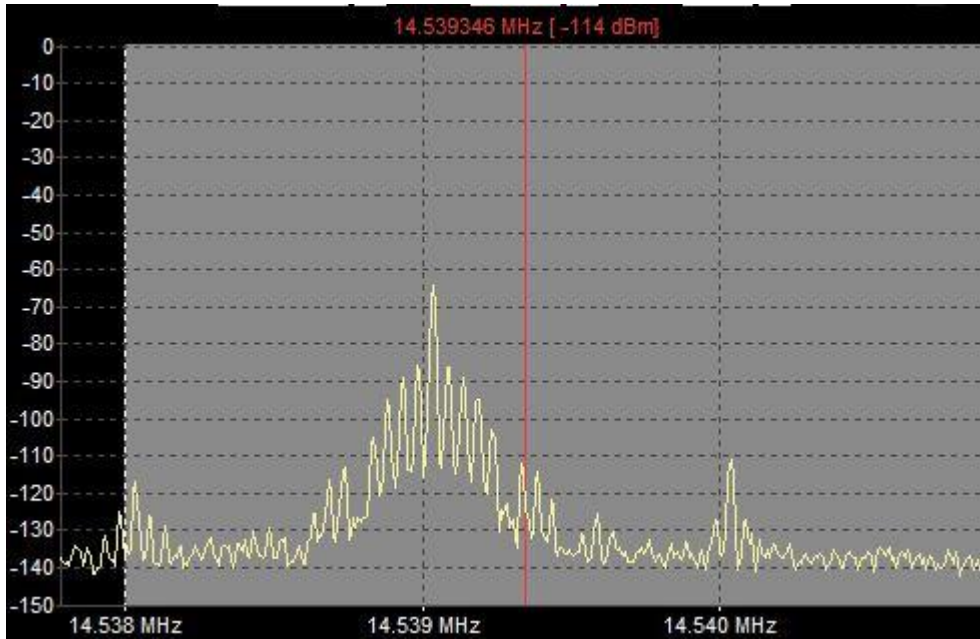
XPA2 m
September2014
Sundays/Tuesdays

1800z	14538kHz	1820z	13538kHz	1840z	12138kHz	
02/09	00640 00093 31868 67170					Very strong
07/09	02999 00001 00000 10140					Very strong
09/09	03648 00001 00000 10140					Very strong
14/09	04830 00079 03367 36001					Very strong
16/09	04830 00079 03367 36001					Very strong, distorted waveforms



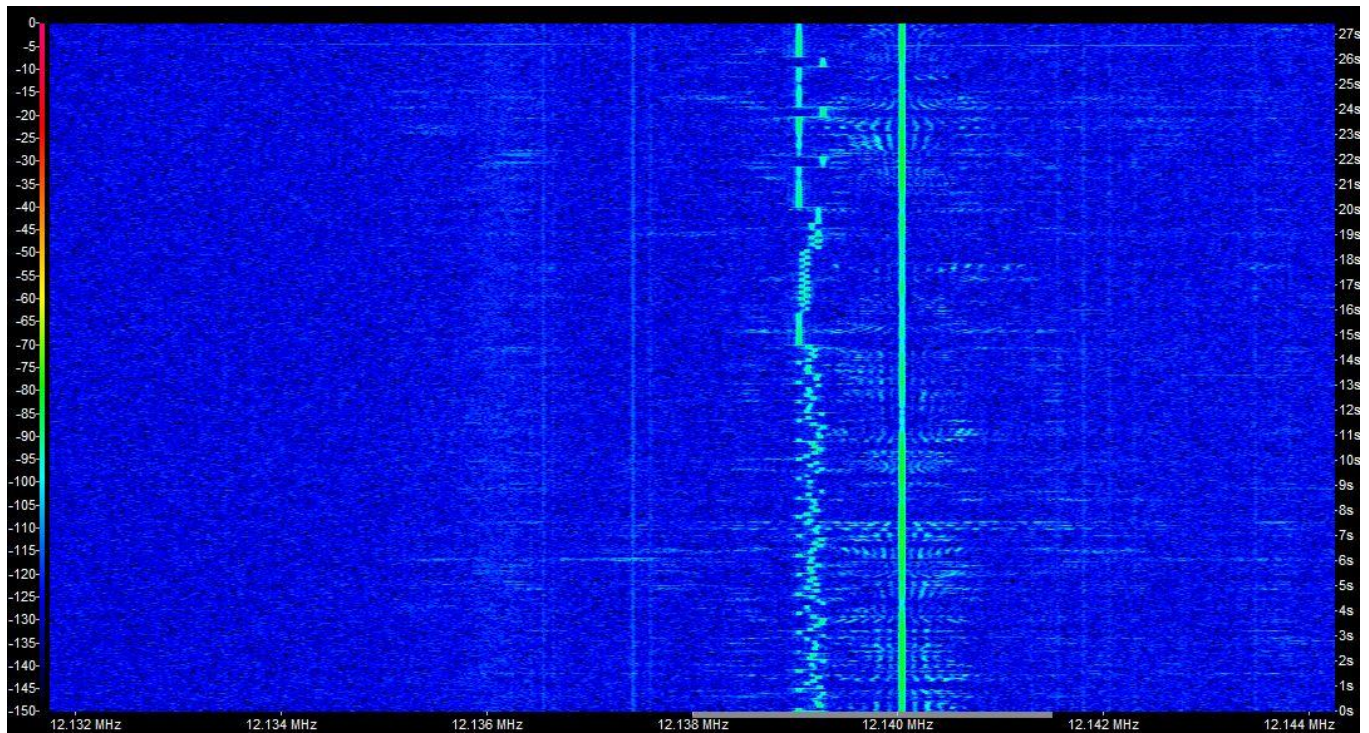
Distorted waveform noted on 1800 and 1820z sendings 16/09. Apparent on recordings from two separate sites.

21/09	06954 00001 00000 10140	Very strong, very distorted 1800/1820z. 1840z not severe
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Distortion on 1800z waveform sent 28/09/2014

23/09	01540 00001 00000 10140	Very strong, distorted waveforms
28/09	04240 00065 60113 46461	Very strong, distorted waveforms
30/09	04240 00065 60113 46461	Strong, distorted waveforms 1899/1820z



Here we see XPA2 m waveform battling with the sidebands of Voice of America broadcasting in Amharic on 12140kHz, +2kHz above our 12138kHz target

October2014
Sundays/Tuesdays

1500z	16338kHz	1820z	14538kHz	1840z	13538kHz	
05/10	03989 00001 00000 10140					[Distortion on tones 1500z] Very strong
07/10	06613 00001 00000 10140					Very strong
12/10	02482 00121 48158 14023					Very strong
14/10	02482 00121 48158 14023					Very strong
19/10	03536 00097 13707 17016					Very strong
21/10	03536 00097 13707 17016					Very strong
26/10	08154 00001 00000 10140					Very strong
28/10	09304 00001 00000 10140					Very strong

XPA2 p
September2014
Sundays/Fridays

1500z	16147kHz	1520z	14947kHz	1540z	14447kHz	
05/09	08633 00001 00000 10140					Very strong
07/09	MISSED, operator error					
14/09	05362 00181 38793 57066					Very strong
19/09	08400 00001 00000 10140					Very strong
26/09	09869 00227 23389 23027					Very strong
27/09	09869 00227 23389 23027					Very strong

October2014
Sundays/Fridays

1500z	16147kHz	1520z	14947kHz	1540z	14447kHz	
03/10	05170 00001 00000 10140					Very strong
05/10	01082 00001 00000 10140					Very strong
10/10	07582 00001 00000 10140					Strong
12/10	05283 00001 00000 10140					Very strong
17/10	08826 00191 01935 62474					Very strong
19/10	07376 00001 00000 10140					Very strong
24/10	00739 00235 56914 21763					Very strong
26/10	00739 00235 56914 21763					Extremely strong
31/10	07551 00001 00000 10140					Very strong

XPA2 r
September2014
Fridays/Saturdays

1900z	16167kHz	1920z	14663kHz	1940z	13923kHz	
05/09	01874 00125 10732 05633					Very strong
06/09	01874 00125 10732 05633					Very strong
12/09	07623 00097 02365 65644					Very strong
13/09	03912 00097 02365 65644					Very strong
19/09	00733 00109 77840 65364					Very strong
20/09	00733 00109 77840 65364					Very strong

26/09	05788 00001 00000 10140	Very strong
27/09	01648 00001 00000 10140	Fair

October2014
Fridays/Saturdays

1400z	17462kHz	1420z	16114kHz	1440z	14828kHz	
03/10	08283 00077 67003 00133					Strong
04/10	08283 00077 67003 00133					Very Strong
10/10	04059 00001 00000 10140					Very strong
11/10	01806 00001 00000 10140					Very strong
17/10	08150 00001 00000 10140					Very strong
18/10	07935 00001 00000 10140					Very strong
24/10	05603 00119 62870 66474					Very strong
25/10	05603 00119 62870 66474					Very strong
31/10	03851 00001 00000 10140					Very strong

XPA2 t
September2014
Tuesdays/Fridays

0700z	21857kHz	0720z	19557kHz	0740z	18057kHz	
02/09	04248 00001 00000 10140			[0700/0720z NRH]		Fair
05/09	05436 00001 00000 10140			[0720/0740z Fair/Weak]		Fair
09/09	00628 00121 66157 22063			[0700z NRH]		Fair, QSB2
12/09	Very weak, unprocessable					
16/09	09744 00001 00000 10140			[0700z NRH]		Weak
19/09	09744 00001 00000 10140			<i>via Uni of Twente</i>		Weak
23/09	00433 00115 27003 25414					Fair
26/09	00433 00115 27003 25414					Fair, QSB2
30/09	009744 00001 00000 10140			[0700z NRH]		Fair

October2014
Tuesdays/Fridays

0700z	20841kHz	0720z	18741kHz	0740z	17441kHz	
03/10	07535 00001 00000 10140			[0700z Extremely weak, 0740z Weak]		Fair
07/10	00137 00125 49104 02207					Weak, QSB2
10/10	00137 00125 49104 02207			[0740z Extremely weak, unprocessable]		Strong
14/10	06835 00001 00000 10140					Weak
21/10	00971 00083 85994 76216					Fair, QSB to 5
24/10	05912 00001 00000 10140			[0720/0740z too weak to process]		Strong
28/10	00159 00117 27332 27040					Fair, QSB2
31/10	Null Message, too weak to process					

XPA2 u1

15/10 10250kHz

0750z 03279 00020 09851.....13472 00000 00000 05302 00066 80614.....24377 ? Weak

0830z 07053 00020 43024.....30074 Weak

XPA2 u2

JkC found another schedule of XPA2. With 10 mins between the slots this is likely to be a short lived schedule with other frequencies available and possibly on a daily basis.

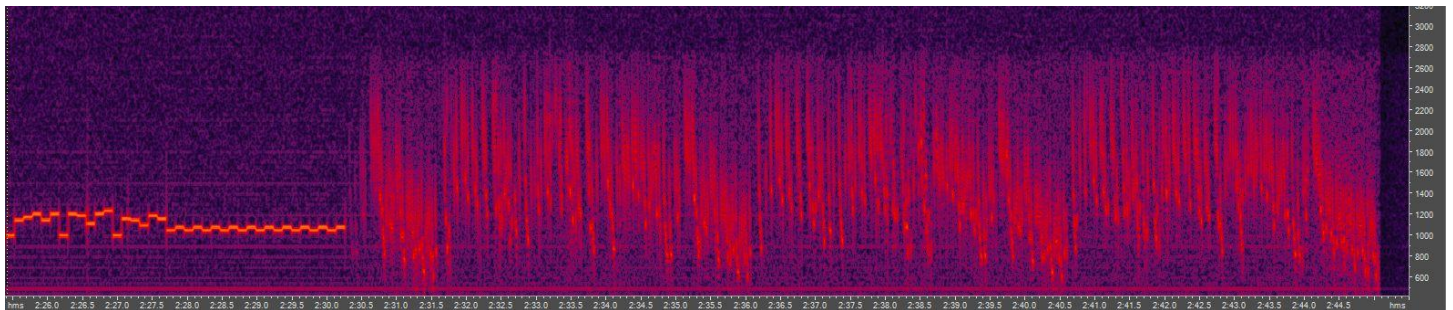
Interestingly Jim K-C brings an unknown mode to our notice:

Jim's original entry read, "While tuning around on 19MHz, I came across XPA2 on 19921kHz at 1331z-1334z. As it finished, I heard an unidentified digital mode on the same freq, lasting only a few seconds. I don't think it is the same station as XPA2, as it seemed much weaker. As I tuned away (1335z), I came across the unidentified mode on 19117kHz. At 1340z, XPA2 came up on the same frequency. At 1349z, I caught a few seconds of the unidentified mode on 18246kHz, and XPA2 came up again."

Jim then enlightens us as to a reason for the peculiar mode

"Reflecting on the XPA2/UNID post earlier... I seem to remember that in the 1970s the Soviets would, at times, deliberately(?) put RTTY on the same frequency as an ELBRUS (I can't remember the NATO designation) station. We figured that it was either a) an exercise in a subtle form of jamming, or b) a test of the system to see how much QRM, of a similar type of transmission, it could withstand. Could this be similar? "

I have heard this peculiar sound elsewhere and discounted it as QRM of an unknown origins. I have also heard definite data transmissions before and after known XPA/XPA2 slots but nothing quite like this as taken from JkC's recordings.



Above is the sonogram taken from JkC's intercepts, shewing this peculiar mode:

1330z 19921kHz 1340z 19117kHz 1350z 18246kHz

25/10 02612 00138 76708 43064

This 10min separation within a scheduled slot has been seen before; usually at least three schedules 60 mins apart but all sending the same message. Thought to be some form of diplomatic transmission for sending a special newscast.

In addition to those intercepted on 25/10 Both JkC and Ary were busily intercepting more 10min slots; all sending the same 110 group as determined by Ary:

The 10min schedules known are:

0944z 18624kHz 1005z 21859kHz

1330z 19921kHz 1340z 19117kHz 1350z 18264kHz

1520z 20027kHz 1530z 19047kHz 1540z 18056kHz

The message intercepted and reduced to numerical values by Ary [and seen to be throughout the days entire 10m slots] on 28/10 is:

As intercepted AB 19117kHz1340z 28/10

03934 00110 62903 35868 56780 23737 87086 84027 67763 47006
76302 01200 16535 13348 68030 81310 80229 21115 14611 26888
04638 32361 31403 32801 52146 16578 04834 23362 12285 28111
66651 56788 31421 22223 08846 56445 20688 44342 46788 23633
34454 52585 01356 38801 12002 06042 33648 43094 24619 88840
00101 53700 28282 31884 64505 88814 88117 44486 98414 08890
61856 28584 50686 64026 66943 08770 23234 59737 99886 14577
19738 59952 22261 25012 67538 08202 85353 56444 75844 79385
50166 61314 66730 44044 87003 85331 33082 95883 73806 58222
30416 03068 06669 46778 90480 23174 63383 76848 33328 93944
08426 04824 98062 28835 94627 83046 91030 18204 68648 28683
83400 05423 00040 Courtesy Ary

The ten minute slot schedules are generally short lived and have not been charted. A past ENIGMA2000 newsletter has details of earlier schedules of this nature.

Thanks to JkC and Ary for the input on this.

HM01

HM01 finally found some stability they continued transmissions in a predictable way from September 9th onwards. The only exception being on 2/10 when a completely new set of callups appeared at 1600z. Things returned to normal on the 3rd with the last digits of the callups incrementing +1 from those on the 1st. Interesting to note that in addition to all new callups for 1 day only there was an unexpected M08a heard at 1800z on the 2nd and also HM01 appeared in the afternoon M08a slots on that day. Either a bad day for mistakes or something special happened that day.

A full new set of callups appeared on 14/10 also and these callups continued incrementing in the same way as the previous ones.

The new stable version of HM01 sees the last digits of the callups incrementing +1 each day until they roll over to a new callup ending with a 1. On rollover the last digit of that callup will remain 1 for a second day before incrementing +1 each subsequent day.

Four files were sent with non TXT file extensions as below. They followed the usual pattern, file names beginning 50 have the extension F1C and those beginning 36 have an F1G extension. 25721 = 50212572.F1C, 34037 = 50343403.F1C, 25351 = 36872535.F1G, 70553 = 50787055.F1C

On to the logs. [From US]

HM01 11435kHz 1600z 1/9 [41538 73125 16622 37224 17686 52301] All callups +1 except for new position 6 from yesterday MON
HM01 11435kHz 1600z 2/9 [82701 73126 16623 37225 17687 52302] New callup position 1 82701 = 82528270.TXT. All others +1 TUE
HM01 11435kHz 1600z 3/9 [82701 73127 16624 37226 17688 52303] All callups +1 except position 1. WED
HM01 11435kHz 1600z 4/9 [82701 73127 16624 37226 17688 52303] Same callups as yesterday. THU
HM01 11435kHz 1600z 5/9 [82701 73127 16624 37226 17688 52303] FRI
HM01 11435kHz 1600z 6/9 [82701 73127 16624 37226 17688 52303] SAT
HM01 11435kHz 1600z 7/9 [82701 73127 16624 37226 17688 52303] SUN
HM01 11435kHz 1600z 8/9 [82701 73127 16624 37226 17688 52303] MON
HM01 11435kHz 1600z 9/9 [82702 73128 16625 37227 70341 52304] New callup position 5, 70341 = 31107034.txt TUE
HM01 11435kHz 1600z 10/9 [82703 86021 16626 35271 70342 52305] New callups positions 2 and 4 86021 = 88128602.txt, 35271 = 03043527.txt. WED
HM01 11435kHz 1600z 11/9 [82704 86021 16627 35271 70343 52306] THU
HM01 11435kHz 1600z 12/9 [82704 86021 16627 35271 70343 52306] FRI
HM01 11435kHz 1600z 13/9 [82706 86023 16629 35273 70345 04711] New callup position 6 04711 = 73060471.TXT all others +2. SAT
HM01 11435kHz 1600z 14/9 [82707 86024 36211 35274 70346 04711] New callup position 3 36211 = 61103621.TXT SUN
HM01 11435kHz 1600z 15/9 [82708 86025 36211 35275 70347 04712] MON
HM01 11435kHz 1600z 16/9 [23201 86026 36212 35276 26041 04713] New callups position 1 and 5 23204 = 03042320.TXT , 26041 = 35702604.TXT TUE
HM01 11435kHz 1600z 17/9 [23201 86027 36213 35277 26041 04714]
HM01 11435kHz 1600z 18/9 [23202 86028 36214 35278 26042 04715]
HM01 11435kHz 1600z 19/9 [23203 25721 36215 05681 26043 04716] New callups positions 2 and 4. 25721 = 50212572.F1C 05681 = 31250568.TXT all others +1 FRI
HM01 11435kHz 1600z 20/9 [23204 25721 36216 05681 26044 04717] SAT
HM01 11435kHz 1600z 21/9 [23205 25722 36217 05682 26045 30641] New callup position 6 30641 = 83633064.TXT SAT
HM01 11435kHz 1600z 22/9 [23206 25722 36218 05683 26046 30641]
HM01 11435kHz 1600z 23/9 [23207 25724 36219 05684 26047 30642]
HM01 11435kHz 1600z 24/9 [23208 25725 67051 05685 26048 30643] New callup position 3, 67051 = 26066705.TXT. WED
HM01 11435kHz 1600z 25/9 [23209 25726 67051 05686 10301 30644] New callup position 5, 10301 = 36781030.TXT. THU
HM01 11435kHz 1600z 26/9 [41171 25727 67052 05687 10301 30645] New callup position 1, 41171 = 43504117.TXT FRI
HM01 11435kHz 1600z 27/9 [41171 25728 67053 24861 10302 30646] New callup position 4, 24861 = 53382486.TXT SAT
HM01 11435kHz 1600z 28/9 [41172 25729 67054 24861 10303 30647]
HM01 11435kHz 1600z 29/9 [41173 68621 67055 24862 10304 25061] New callups position 2 and 6 25061 = 24622506.txt 68621 = 75006862.txt MON
HM01 11435kHz 1600z 30/9 [41174 68621 67056 24863 10305 25061] TUE

HM01 11435kHz 1600z 1/10 [41175 68622 67057 24864 10306 25062] WED
HM01 11435kHz 1600z 2/10 [50010 56451 57257 34037 28052 14427] All new callups. 50010 = 13715001.TXT, 56451 = 08705645.TXT, 57257 = 05535725.TXT, 34037 = 50343403.F1C, 28052 = 82232805.TXT, 14427 = 60861442.TXT THU
HM01 5855kHz 0500z 3/10 [41176 68623 38601 24865 10307 25063] FRI
HM01 11435kHz 1600z 3/10 [41177 68624 38601 24866 10308 25064] FRI
HM01 11435kHz 1600z 4/10 [41178 68625 38602 24867 83481 25065] New callup position 5, 83841 = 30618348.TXT. SAT
HM01 11435kHz 1600z 5/10 [88421 68626 38603 24868 83481 25066] New callup position 1, 88421 = 78308842.TXT. SUN
HM01 11435kHz 1600z 6/10 [88421 68627 38604 24869 83482 25067] MON
HM01 11435kHz 1600z 7/10 [88422 78251 38605 25351 83483 25068] New callups positions 2 and 4, 78251 = 04047825.TXT 25351 = 36872535.F1G TUE
HM01 11435kHz 1600z 8/10 [88423 78251 38606 25351 83484 32941] New callup position 6, 32941 = 37113294.TXT rare 9 in the callup. WED
HM01 11435kHz 1600z 9/10 [88424 78252 38607 25352 83485 32942] THU
HM01 11435kHz 1600z 10/10 [88425 78253 38608 25353 83486 32943] FRI
HM01 11435kHz 1600z 11/10 [88426 78254 38609 25354 83487 32944] SAT
HM01 11435kHz 1600z 12/10 [88427 78255 28211 25355 87221 32945] New callups positions 3 and 5. 28211 = 87362821.TXT, 87221 = 01268722.TXT. SUN
HM01 11435kHz 1600z 13/10 [88428 78256 28211 25356 87221 32946] MON
HM01 11435kHz 1600z 14/10 [12071 78257 28212 25357 87222 06731] TUE
HM01 11435kHz 1600z 15/10 [-----] Carrier only for the full hour with 1 second of male voice. WED
HM01 16180kHz 2100z 16/10 [47811 73841 20443 03081 70553 46561] All new callups since last heard on Tuesday. 47811 = 56724781.TXT, 73841 = 60867384.TXT, 20443 = 30222044.TXT, 03081 = 00330308.TXT, 70553 = 50787055.F1C, 46561 = 75424656.TXT THU
HM01 11635kHz 1800z 17/10 [47812 73842 20444 03081 70554 46562] FRI
HM01 11435kHz 1600z 18/10 [47813 73843 20445 03082 70555 46563] SAT
HM01 11435kHz 1600z 19/10 [47814 73844 20446 03083 70556 46564] SUN
HM01 11635kHz 1600z 20/10 [47815 73845 20447 03084 70557 46565] MON
HM01 11435kHz 1600z 21/10 [47816 73846 20448 03085 70558 46566] TUE
HM01 11435kHz 1600z 22/10 [47817 73847 20449 03086 76031 46567] New callup position 5, 76031 = 73437603.TXT. WED
HM01 11435kHz 1600z 23/10 [47818 73848 21141 03087 76031 46568] New callup position 3, 21141 = 71002114.TXT THU
HM01 11435kHz 1600z 24/10 [17341 73849 21141 03088 76032 43041] New callups positions 1 and 6, 17341 = 48101734.TXT, 43041 = 73624304.TXT. FRI
HM01 11435kHz 1600z 25/10 [17341 64301 21142 03089 76033 43041] New callup position 2, 64301 = 40646430.TXT. SAT
HM01 11435kHz 1600z 26/10 [17341 64301 21142 03089 76033 43041] Same callups as yesterday. SUN
HM01 11635kHz 1800z 26/10 [17342 64301 21143 77841 76034 43042] Changed to the expected numbers since 1600z. New callup position 4. 77841 = 03647784.TXT. SUN
HM01 11435kHz 1600z 27/10 [17343 64302 21144 77841 76035 43043] MON
HM01 11435kHz 1600z 28/10 [17344 64303 21145 77842 76036 43044] TUE
HM01 11435kHz 1600z 29/10 [17345 64304 21146 77843 76037 43045] WED
HM01 11435kHz 1600z 30/10 [17346 64305 21147 77844 76038 43046] THU
HM01 11435kHz 1600z 31/10 [17347 64306 75721 77845 76036 43047] New callup position 3. FRI

Now those from Europe and the Argentine:

September 2014

10715kHz 2200z	07/09[82701 73127 16624 37226 17688 52303] QSA5	DanAR	SUN
2200z	10/09[82703 86021 16626 35271 70342 52305] QSA4	DanAR	WED
2200z	14/09[82707 86024 36211 35274 70346 04711] QSA3	DanAR	SUN
2200z	17/09[23201 86027 36213 35277 26041 04714] QSA3	DanAR	WED
	Only numbers , no data, tx on until 22:05z-		
2200z	21/09[23205 25722 36217 05682 26045 30641] QSA3	DanAR	SUN
2200z	24/09[23208 25725 67051 05685 26048 30643] QSA3	DanAR	WED
2200z	26/09[41171 25727 67052 05687 10301 30645] 2224 z QSA3	DanAR	FRI
	At 22:28z windows shutdown sound between numbers and signal gone.....		
2200z	01/10[41175 68622 67057 24864 10306 25062] QSA2	DanAR	WED
11462kHz0903z	06/09[16624 37226 17688 52303 82701 73127]Strong	tING	SAT
11635kHz0754z	09/09[Voice and Data] S9	M8	TUE
0758z	16/09[Voice and Data.....] S9+20 AM	M8	TUE
0754z	23/09[Voice and Data] S5	M8	TUE
13435kHz0710z	09/09[Voice and Data] S9	M8	TUE
16180kHz2150z	25/0[23209 25726 67051 05686 10301 30644] -in progress- QSA3	DanAR	THU
17480kHz2200z	02/09[82701 73126 16623 37225 17687 52302] QSA2	DanAR	TUE
2200z	11/09[82704 86021 16627 35271 70343 52306] QSA2	DanAR	THU
2208z	17/09 QSA2 -Only carrier-	DanAR	WED
2200z	18/09[23202 86028 36214 35278 26042 04715] QSA3	DanAR	THU
2200z	20/09[23204 25721 36216 05681 26044 04717] QSA2	DanAR	SAT
2200z	25/09[23209 25726 67051 05686 10301 30644] QSA2	DanAR	THU

October 2014

10715kHz2200z	13/10[88428 78256 28211 25356 87221 32946] QSA2	DanAR	MON
2200z	19/10[47814 73844 20446 03083 70556 46564] QSA3	DanAR	SUN
2200z	20/10[47815 73845 20447 03084 70557 46565] Weak	DanAR	MON
2200z	22/10[76031 46567 47817 73847 20449 03086] QSA3	DanAR	WED
2200z	24/10[76032 43041 17341 73849 21141 03088] QSA3	DanAR	FRI
2200z	27/10[17343 64302 21144 77841 76035 43043] QSA2	DanAR	MON
11635kHz0753z	14/10[DATA and VOICE.....] S3	M8	TUE
14375kHz0500z	18/01 AM/RDFT 47812 73842 20444 03081 70554 46562	AB	SAT
0600z	18/01 AM/RDFT 47812 73842 20444 03081 70554 46562	AB	SAT
16180kHz2100z	09/10[88424 78252 38607 25352 83485 32942] QSA2	DanAR	THU
2100z	28/10[17344 64303 21145 77842 76036 43044] QSA3	DanAR	TUE
2100z	30/10[17346 64305 21147 77844 76038 43046] QSA3	DanAR	THU
17480kHz2200z	09/10[88424 78252 38607 25352 83485 32942] QSA3	DanAR	THU
2200z	11/10[88426 78254 38609 25354 83487 32944] QSA3	DanAR	SAT
2200z	14/10[12071 78257 28212 25357 87222 06731] QSA3	DanAR	TUE
2200z	23/10[76031 46568 47818 73848 21141 03087] QSA2	DanAR	THU

PoSW's analysis of reception in the UK

Somewhat variable results, a wide variation in signal strengths with those transmissions received in the UK morning time, somewhat weaker as we head through the autumn season in comparison with the summer months. Still with the occasional starting up on the incorrect frequency, usually that used for the previous hour's sending.

8-Sept-14, Monday:- 0659 UTC, 9,330 kHz, "82701 73127 16624 37226 17688 52303".
Peaking well over S9 with good audio.
0759 UTC, 9,065 kHz, 5Fs as earlier, S7 to S8.

9-Sept-14, Tuesday:- 0659 UTC, 13,435 kHz, "82701 73127 16624 37226 70340 52303", over S9, good audio.
0759 UTC, 11,635 kHz, 5Fs as earlier, also on the same frequency starting up just after 0800 UTC was an S06s Russian YL transmission calling up with "352".
0859 UTC 11,462 kHz, 5Fs as earlier, S6 to S7 with deep QSB.

10-Sept-14, Wednesday:- 0659 UTC, 9,330 kHz, "82702 73128 16625 37227 70341 52304",
all "one pace forwards" from yesterday.

11-Sept-14, Thursday:- 0659 UTC, 13,435 kHz, "82703 86021 16626 35271 70342 52305, S7 to S8 with rapid QSB.
0759 UTC, 11,635 kHz, 5Fs as earlier, S7.

12-Sept-14, Friday:- 0659 UTC, 9,330 kHz, voice starting and stopping when first tuned in,
very low audio at first, became much louder during the call-up, "82704 86021 16627 35271 70343 52306".

0759 UTC, 9,065 kHz, 5Fs as earlier, S7 to S8, audio level somewhat low.

13-Sept-14, Saturday:- 0804 UTC, 11,635 kHz, transmission in progress, weak signal but was much stronger when checked again at 0829 UTC:- Starting the call-up again after the half-time break, peaking well over S9 now, “82704 86021 16627 35271 70343 52306”.
0959 UTC, 11,462 kHz, 5Fs as earlier, S6 with deep QSB.

14-Sept-14, Sunday:- 0659 UTC, 9,330 kHz, “82706 86023 166629 35273 70345 04711”.
S9 with the usual fading up and down.
0759 UTC, 9,065 kHz, 5Fs as earlier, S9 with deep QSB.
0859 UTC, 9,240 kHz, same 5F groups, S6 to S7.

16-Sept-14, Tuesday:- 0737 UTC, 13,435 kHz, transmission in progress, peaking over S9 with the usual QSB, heard 5Fs “82708 86025 36211 35275 70347 04712”. Transmission stopped at 0750 UTC, carrier went off after 0752 UTC.
0759 UTC, 11,635 kHz, 5Fs as earlier, S9+, very strong signal with excellent audio; I think this is the best reception ever of an HM01 transmission.

17-Sept-14, Wednesday:- 0659 UTC, 9,330 kHz, “23201 86026 36212 35276 26041 04713”
S9+ with good audio.

18-Sept-14, Thursday:- 0730 UTC, 13,435 kHz, starting the call-up again after the half-time rest, “23201 86027 36213 35277 26041 04714”. S7 to S8. This was too weak to be readable when checked at the start of transmission around 0700 UTC so propagation had improved in the space of half an hour.
0759 UTC, 11,635 kHz, 5Fs as earlier, S8 with rapid QSB.
0900 UTC, 11,462 kHz, voice did not start until just before the hour and went off and on before settling down. 5Fs as earlier, strong signal, S9+ with good audio.
0959 UTC, 11,635 kHz, same 5Fs call-up, peaking S9 with the usual fading up and down.

20-Sept-14, Saturday:- 0659 UTC, 13,435 kHz, “23203 25721 36215 05681 26043 04716”.
S9 with good audio.

21-Sept-14, Sunday:- 0659 UTC, 9,330 kHz, “23204 25721 36216 05681 26044 04717”. Peaking well over S9 with good audio.
0759 UTC, 9,065 kHz, 5Fs as earlier, data noises started just after 0802 UTC.

22-Sept-14, Monday:- 0613 UTC, 10,345 kHz, transmission in progress, heard 5F groups, “23205 25722 36217 05682 26045 30641”. S9 with good audio.

23-Sept-14, Tuesday:- 0929 UTC, 11,462 kHz, starting the call-up again, “23206 25723 36218 05683 26046 30641” Peaking S9 with rapid fading up and down, good audio.
0959 UTC, 11,635 kHz, 5Fs as earlier, a weaker broadcast station fired up on 11,635 on the hour, English language, American accent, heard “China” and “Beijing” mentioned many times so presumably one of the many outlets of China Radio International.

24-Sept-14, Wednesday:- 0659 UTC, 9,330 kHz, “23207 25724 36219 05684 26047 30642”.
S9 with deep QSB.

25-Sept-14, Thursday:- 0859 UTC, 11,462 kHz, “23208 25725 67051 05685 26048 30643”.
S9 with deep QSB.

26-Sept-14, Friday:- 0646 UTC, 10,345 kHz, last few minutes of a transmission, heard 5Fs, “25726 67051 05686 10301 30644”, voice stopped just before 0650 UTC.
0659 UTC, starting up on 10,345 again, “23209 25726 67051 05686 10301 30644”.
Vanished after a minute or so and appeared on the correct frequency 9,330 kHz.

27-Sept-14, Saturday:- 0659 UTC, 13,435 kHz, “41171 25727 67052 05687 10301 30645”,
S5 to S6 with a rapid “flutter” effect almost like auroral propagation.
0807 UTC, 11,635 kHz, transmission in progress, weak signal, difficult copy.
0859 UTC, 11,462 kHz, 5Fs as earlier, peaking over S9 with good audio.

29-Sept-14, Monday:- 0659 UTC, 9,330 kHz, “41172 25729 67054 24861 10303 30647”, S9 with the usual fading up and down.
0759 UTC, 9,065 kHz, 5Fs as earlier, over S9.

1-Oct-14, Wednesday:- 0759 UTC, 9,065 kHz, “41174 68621 67056 24863 10305 25061”.
S8 to S9 with deep QSB.

3-Oct-14, Friday:- 0700 UTC, 9,330 kHz, was in data mode when tuned in a few seconds before the hour, stopped after 0700 and went into call-up, “41176 68623 38601 24865 10307 25063”.

4-Oct-14, Saturday:- 0700 UTC, 13,435 kHz, no voice heard until about 20 seconds past the hour. “41177 68624 38601 24866 10308 25064”, S6 to S7.

6-Oct-14, Monday:- 0659 UTC, 9,330 kHz, “88421 68626 38603 24868 83481 25066”. S9 with deep QSB, good audio.
0800 UTC, starting up on 9,330 kHz again, 5Fs as earlier. Vanished after a few minutes, came up on the correct frequency, 9,065 kHz.

7-Oct-14, Tuesday, 0800 UTC - plus 15 seconds; in September HM01 usually started up about a minute before the hour, now just after the hour seems to be the norm. Someone has adjusted the clock, perhaps. 11,635 kHz, “88421 68627 38604 24869 83482 25067”.

8-Oct-14, Wednesday:- 0700 UTC, 9,330 kHz, “88422 78251 38605 25351 83483 32940”.
S9 with deep fading, as always.
0804 UTC, 9,065 kHz, missed the start of this sending because my attention was distracted by a strong X06 6-Tone Repeating transmission on 9,061 kHz which went off air after 0803 UTC.
0930 and 15 seconds UTC, 9,240 kHz, starting call-up after the half-time intermission, “88422 78251 38605 25351 83483 32940”. S8 with deep fading.

10-Oct-14, Friday:- 0700 UTC, 9,330 kHz, “88424 78252 38607 25352 83485 32942”, S7 with QSB.
On a related theme, Radio Havana Cuba in English language is currently a good signal after 0600 UTC on two frequencies in the 49 metre band, 6,060 and 6,100 kHz.

11-Oct-14, Saturday:- 0830 UTC, 11,635 kHz, starting the call-up again with, “88425 78253 38608 25353 83486 32943”, peaking over S9 with deep fading.

12-Oct-14, Sunday:- 0800 UTC, 9,065 kHz, “88426 78254 38609 25354 83487 32944”.

13-Oct-14, Monday:- 0800 UTC, 9,065 kHz, very weak signal, unreadable, looks as if propagation has taken a turn for the worst.

14-Oct-14, Tuesday:- 0830 UTC, 11,635 kHz, starting up again with, “88428 78256 28211 25356 87221 32946”, S6 to S7. 0900 UTC, 11,462 kHz, 5Fs as earlier, S7.

15-Oct-14, Wednesday:- 0800 UTC, 9,065 kHz, propagation on this frequency has recovered, peaking well over S9 this morning, “12071 78257 28212 25357 87222 06731, data noise at 0803 and 30s UTC.

16-Oct-14, Thursday:- no sign of HM01 at 0800 UTC on 11,635 kHz or at 0900 UTC, 11,462 kHz, either the ionosphere is being unusually uncooperative or the folks in Cuba are taking a day off.

18-Oct-14, Saturday:- 0830 UTC, 11,635 kHz, calling up after the intermission with, “47812 73842 20444 03081 70554 46562, well over S9 with good audio. 0908 UTC, 11,462 kHz, transmission in progress, missed the start, heard 5Fs as earlier, an indicated S9+ with good audio. 1000 UTC, 11,635 kHz, 5Fs as earlier, a weaker China Radio International starting up on the hour, OM voice with US accent English language.

20-Oct-14, Monday:- 0800 UTC, 9,065 kHz, “47814 73844 20446 03083 70556 46564”. S9 with the usual QSB.

24-Oct-14, Friday:- 0900 UTC, 9,240 kHz, “47818 73848 21141 03087 76031 46568”, S8 to S9 with the usual deep QSB.

Thanks to all our contributors:

AnonUS, Ary, BR, CB, Christer, DoK, E, GD, Gert, HFD, HRT,IW, JkC, JPL, KW, PLdn, PoSW, RNGB, Spectre, T!, tiNG. Apologies to any missed

Digital, Incursions and Unexplained Signals

FSK200/1000

This last couple of months has seen some interesting changes to a couple of what appeared to be long running and stable FSK200/1000 weekend schedules.

The first is the Saturday/Sunday 08:00/10/20 (winter) and 09:00/10/20 (summer) schedule which is to link IDs 45114 and 45115. For the last two years I have been monitoring this schedule it sends a new message every weekend which is first sent on Saturday then repeated the following day. Now normally I record this schedule on my automatic recording setup and decode/log it later. But when I did this on the first weekend in September the recordings were blank. However the following weekend the schedule returned so I presumed I had just made a mistake. But the following weekend there was once again nothing. At this point I realised that this schedule had shifted to just being every alternate weekend. However it continues to send a new message every weekend it transmits but now sends just two unique messages a month rather than the previous four. So whoever or whatever 45114/45115 are there is a lot less to say to them.

The other schedule which has altered is the alternate weekend one which transmits at 10:00 in winter and 09:00 in summer to link ID 45057. In the past this sent just one message a month which was repeated four times in total (alternate Saturdays and Sundays). However this changed at the end of August when on 23rd instead of repeating the message sent earlier in the month it sent a new 83 block message number 157 which was dated the 21st. Whatever this message was it must have been urgent and important since it was repeated on the two weekends this schedule transmits during September. Then during October this schedule returned to normal and sent a new message. This schedule has never deviated from its normal operating procedure before so this was interesting.

The other weekend schedules which are link ID 36882 which transmits at 11:00/10/20 on Saturday + Sunday and link ID 20501 which transmits at 15:30/40/50 on Sundays still operate as normal however.

For the last month I have been keeping a close eye on the weekdays 07:00/10/20 schedule which sends traffic to link IDs 45136 and 45137. In the past this schedule never transmitted on a Friday (leading me to believe this schedule was aimed at a Middle Eastern country) however during October it has been transmitting on a Friday but only ever sending a 4 block null message on this day. In addition the messages sent in this schedule are repeated the same day in a 12:00/10/20 schedule also. By logging this schedule almost daily during late September and October I found an interesting pattern in its traffic which you can see in the table below ..

Day	Link ID (s)	Notes
Monday	45136/45137	
Tuesday	45136	Always two messages
Wednesday	45136/45137	
Thursday	45136/45137	
Friday	45136/45137	Always 4 block nulls

So you see we have two 'odd' days. On Tuesday the traffic is always to 45136 and always consists of two messages and on Friday the message (which can be to either link ID) is always a null. Why this mode has switched to sending a null on Fridays rather than no transmission is yet another small mystery. On the other days (Monday , Wednesday and Thursday) the traffic can be sent to either link ID seemingly at random and may consist of one or two messages.

There have been a couple of new link IDs has been found since my last desk report. The first was found by Danix from the Pryiom group. The link ID is 24584 and Danix monitored it sending a 60 block message at 20:00 on Monday 13th October. However there have been no logs since.

The second was found by myself in a interesting short lived schedule. I first monitored it on Monday 15th September when at 11:00 link ID 2858 sent a 18 block message. What made this usual was the the message type rather than being the usual 7145 was 7104 a message type only ever seen on the link ID 00000 messages. I then logged these messages on Tuesday 16th , Wednesday 17th and Thursday 19th all at 11:00. I was waiting on Friday 20th at the same time but nothing was heard. I also monitored the following week but again nothing heard and it appears the schedule was no more. This further confirms my belief that 7104 message type traffic has a special purpose possibly just for training purposes.

FSK200/500

Due to work commitments I have been unable to monitor this modes 19:00/10/20 schedule and I have not received any reports on it from other members of the group either. I have however been monitoring the Saturday 12:00/10/20 and 18:10/20/30 schedules and can report that no messages have been sent only the usual null messages.

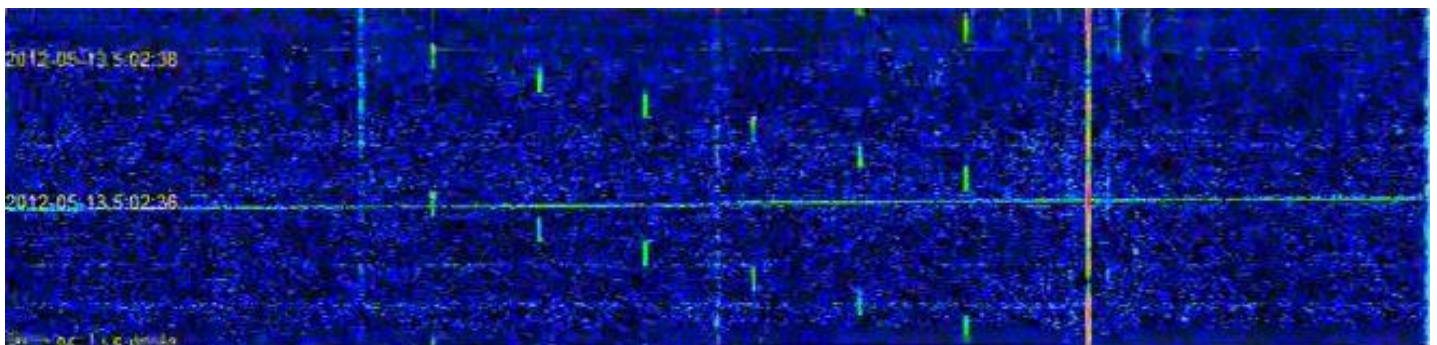
That is all from me for now. I welcome all data logs on all the modes of interest to E2K and am always in need of assistance from other monitors to cover the many data schedules we have found.

Thanks Ian

DP01

19921kHz1404z	30/10[I/P]1408z Strong QRM1 QSB1	JkC	THU
19117kHz1404z	30/10[I/P]1408z Strong QRM1 QSB1	JkC	THU
19921kHz1404z	30/10[I/P]1408z Strong QRM1 QSB1	JkC	THU
21859kHz1502z	30/10[I/P]1506z Strong QRM1 QSB1	JkC	THU
20726kHz1514z	30/10[I/P]1516z Strong QRM1 QSB1	JkC	THU
20027kHz1520z	30/10[I]1526z Strong QRM1 QSB1	JkC	THU
19047kHz1531z	30/10[I/P]1536z Strong QRM1 QSB1	JkC	THU
18056kHz1542z	30/10[I/P]1546z Strong QRM1 QSB1	JkC	THU

UNID Sequential Tones



For those members without PC facilities [and we have several] this UNID looks like this above [thanks Token]

Jim (JkC) came across some sequential tones being broadcast on a number of different frequencies on Tue 28 Oct. Jim reports that the signal was AM and from the waterfall he could see that it consisted of 10 tones at 1kHz intervals, though only the first 4 were audible because it wasn't possible to open up the bandwidth wide enough. The tones, each of equal length, stepped from 1kHz up to 10 kHz, then started from 1kHz again. i.e. It looked like an arrowhead on the waterfall.

Jim has not logged all the stops and starts on a single frequency. The Tx stopped at least once on each frequency (sometimes more) for up to 4 minutes. He has merely logged the first and last heard times for each.

5078	0911z	28 Oct	I/P AM 10 tone at 1kHz spacing	0922z	Strong	JkC	TUE
8685	0952z	28 Oct	I/P AM 10 tone at 1kHz spacing	1013z	Strong	JkC	TUE
9212	1205z	28 Oct	I/P AM 10 tone at 1kHz spacing	1213z	Strong	JkC	TUE
10184	1224z	28 Oct	I/P AM 10 tone at 1kHz spacing	1237z	Strong	JkC	TUE
12138	1244z	28 Oct	AM 10 tone at 1kHz spacing	1300z	Strong	JkC	TUE
13997	1304z	28 Oct	AM 10 tone at 1kHz spacing	1323z	Strong	JkC	TUE
14516	1328z	28 Oct	AM 10 tone at 1kHz spacing	1345z	Strong	JkC	TUE
15822.5	1359z	28 Oct	AM 10 tone at 1kHz spacing	1414z	Strong	JkC	TUE

It is believed that the broadcasts were most likely transmitter or propagation testing.

Input from Ary and T also, T supplying details of a previous intercept on YouTube:

https://www.youtube.com/watch?v=cEQC_z_TfLI

PoSW's Items of Interest in the Media:-

"Dyslexia rules KO":- this condition, sometimes referred to as "word blindness" which causes sufferers to get their wucking murds fuddled, might be thought to be something of a hindrance to career advancement - but not necessarily so if one is in the "Gizzajob" stakes at GCHQ according to *The Times* newspaper of 22-September. "GCHQ spells out the merits of its dyslexic spies" is the headline and says, "More than 100 dyslexic and dyspraxic spies are being used in Britain's counter-terrorism and surveillance units."

The Government Communications Headquarters (GCHQ) employs 120 'neuro-diverse' intelligence officers who are relied on for their 'dispassionate, logical and analytical' approaches. While many people with dyslexia struggle with literacy, they often excel at identifying the facts hidden within patterns and sequences of events. Dyslexia is said to affect about 10 per cent of the population, while dyspraxia, which makes for difficulties in co-ordination, affects about one in 20 children. One GCHQ official told *The Sunday Times*: 'Neuro-diverse individuals can bring additional value to the full spectrum of roles and jobs across the department.'

Matt, a 35-year-old IT specialist and chairman of the dyslexic and dyspraxic support community at the intelligence agency, said that while his spelling may be 'appalling', his '3D spatial-perception awareness and creativity is in the top 1 per cent of my peer group'.

GoLexia, a support centre for people with specific learning difficulties, said the revelation would be optimistic for young people with the conditions. It said in a statement; 'So glad that, at last, the problem-solving and lateral-thinking skills of dyslexic people are being recognised as positive attributes.'

Except that this story in *The Times* is old news; I thought I had read something very much like the above some years ago and sure enough, trawling through my press-cutting scrapbooks of espionage related news items I find that the *Mail on Sunday* of 16-November - 2003, yes, just about eleven years ago, carried an item by a Louisa Pritchard saying much the same thing. "GCHQ's dyslexic spies" is the headline and in smaller type, "But it can actually help to make them even better code breakers". The story is much as revealed above, and as an added extra mentions the names of two individuals from vastly different spheres of life who are / were known to be affected by dyslexia, Richard Branson and Albert Einstein. It looks as though some government department is re-issuing old press releases.

Message to all Americans:- when selling info to someone you think is a Chinese spy, first make sure he is not an FBI agent. From the *Daily Beast* on-line newspaper of 9-September comes a story credited to the AP news agency headlined, "Man who tried to sell secrets to China sentenced" which says, "Los Angeles:- A former Air Force employee who tried to sell classified information about a military satellite network to China has been sentenced to more than three years in federal prison."

Brian Scott Orr of Marina del Rey was sentenced Monday in Los Angeles. He was also fined \$10,000.

Prosecutors say Orr was a former civilian employee with the Air Force Research Laboratory in New York who worked on a computer network used to control military satellites.

He lost his top secret clearance because of poor work performance and odd behaviour, resigned in 2011 but kept some restricted training materials. Prosecutors say he sold the information last year for \$5,000 to an FBI agent he believed was a Chinese spy.

Blair speaks:- Yes, he's still around. Among those calling for British soldiers to be sent to Iraq and possibly Syria, Mr Tony Blair - remember that disgraceful man? - has spoken out in favour of British "boots on the ground". At the moment the current British government is reluctant to do so, possibly because with a general election not too far away they don't want to do anything which would have the disapproval, to put it mildly, of the vast majority of the British people. At the moment military activity is confined to the occasional sortie by a couple of Tornado ground attack aircraft launching guided weapons at ISIL targets. In reality this means firing a missile costing perhaps as much as £100,000 to destroy a battered old Toyota pick-up truck with a heavy machine gun mounted in the back, worth a few hundred quid at the most, and killing the pair of sorry-ass individuals sitting in the cab. Not very cost effective, and to say that the British people are not impressed would be an understatement. Perhaps the best remarks on Blair's utterances came from the comments section of the *Guido Fawkes Blog* of 23-September:- "If Tony Blair says we need ground troops to confront ISIL, then why doesn't he join the Territorial Army and volunteer to go first. Come on Blair, lead from the point."

However, the smart money is already betting on British troops being sent to the Middle East once the election is out of the way, whatever the result, and wagers are being placed on how quickly the first fatalities will occur and to which UK airfield will the body bags be returning.

Just what the end-game is in Iraq and Syria is the subject of much speculation and conspiracy theory activity. One such scenario says that this is part of a long-term CIA/MI6/MOSSAD plan to bring about the "Greater Israel", a project dear to the heart of the "Christian Zionists", a bunch of nut-jobs in the United States of America who as well as being extremely wealthy and cornerstones of the American Neo-Conservative movement believe that Almighty God intends the Jewish State to have all the land between the "Great river of Egypt" - that'll be the Nile then, and the Euphrates. I don't think the Israelis themselves have expressed much interest in that idea since they have their hands full with the Palestinians in Gaza without taking over any other Arab land. The Christian Zionists believe that the Almighty brought the USA into existence solely to use its power to establish the Greater Israel; and they also believe that the Earth is no more than 6,000 years old was created by God exactly as stated in the Book of Genesis and that either, (a) dinosaurs were on the Earth at the same time as humans or (b) dinosaurs never existed at all and that their supposed fossil remains are fakes placed in the ground by the Devil to lead Mankind astray. Apparently every year sees more and more Americans believing this stuff. It is as if the country is going backwards in the direction of the Middle Ages, as though the Enlightenment and the Scientific Age never happened.

A more believable theory is that this has to do with the overthrow of President Assad of Syria and not so very long ago the British government were proposing to send military aid to Assad's opponents, many of whom are now members of ISIS. The West wants Assad gone because he has refused to allow the construction of a network of pipelines across his nation to bring oil and natural gas from various producer nations to the West. A map of the proposed project shown in several newspapers showed the route heading from Qatar across Iraq and Syria then doing a sharp right-hand turn up into Turkey to a port on the Turkish Mediterranean coast where the stuff could be loaded into tankers for shipment to Europe, or by under-sea pipelines. Mr Assad also allows the Russian Navy to use one of the the Syrian ports, which doesn't sit too well with NATO. A comment in the *Guardian* on-line of 22-September said, "This is about getting rid of Assad on behalf of the playboy states of Qatar and Saudi Arabia. They will then build a pipeline through Syria to Turkey and then Europe. The aim, from the US point of view, is to deny Russia their lucrative gas market and thus impoverish them."

In the global scheme of things America is terrified of the BRICS (Brazil, Russia, India, China and South Africa), countries whose financial co-operation is sounding the death knell on US dollar superiority and thus future US hegemony."

American scrap metal in Lincolnshire:- reports of a plane crash in Lincolnshire first noted on the *Breitbart London* news website on 8-October:- "An American military jet, rumoured to be an F15 Eagle, has crashed in Lincolnshire in the English East Midlands. The plane was on a training mission when it crashed in a field after the pilot ejected."

The *Grimsby Telegraph* has reported the incident took place at around 3.40 PM, and that it was an American plane. The crash is in Western Hills, Broadgate near Spalding. The cause of the crash is unknown so far.

Lincolnshire is home to a large number of military bases, the Royal Air Force favour the county because it is sparsely populated and relatively flat. The US Air Force does not have any bases in the county but does have two in nearby Cambridgeshire."

There was a photograph in the *Breitbart* article showing a column of smoke some distance away in what appeared to be a field of sugar beet. Later on the mainstream media was reporting that the pilot had been taken to hospital but I heard no further info on the state of his injuries. Hopefully he was not too badly damaged. It was something of a surprise to hear that Uncle Sam still had aircraft of this type in the UK. I thought all these

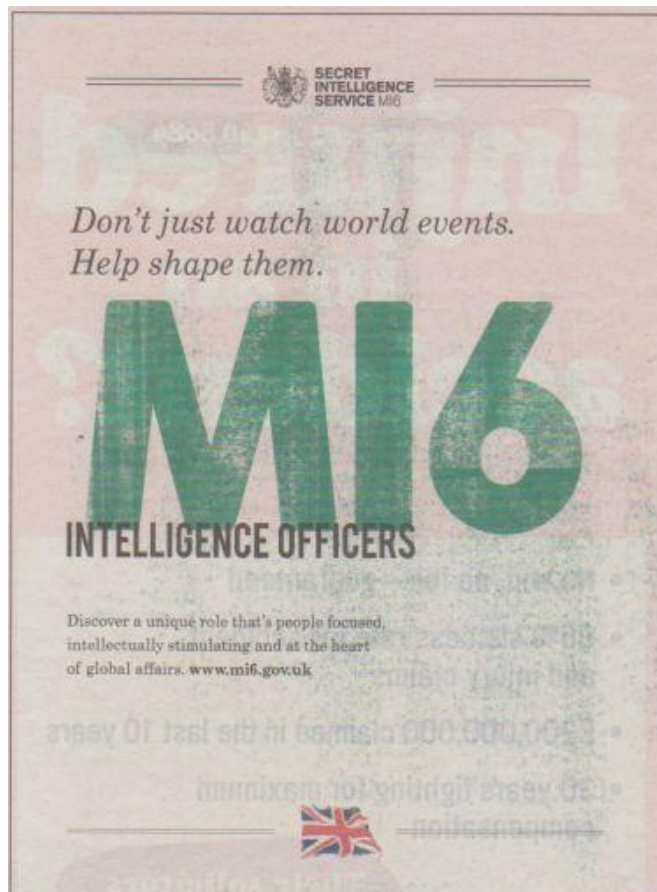
front line war-planes had all been transferred elsewhere with the end of the Cold War. In my part of the world back in the 1980's we often used to see the Fairchild A10 anti tank aircraft flying quite low, usually in pairs, from bases in the county of Suffolk training for the day when they might be required to hot-foot it across the North Sea to deal with a Soviet incursion into Western Europe, but I think they have since found useful employment in other theatres of conflict.

And finally, a Point to Ponder;- “In a time of universal deceit, telling the truth is a revolutionary act.” - George Orwell.

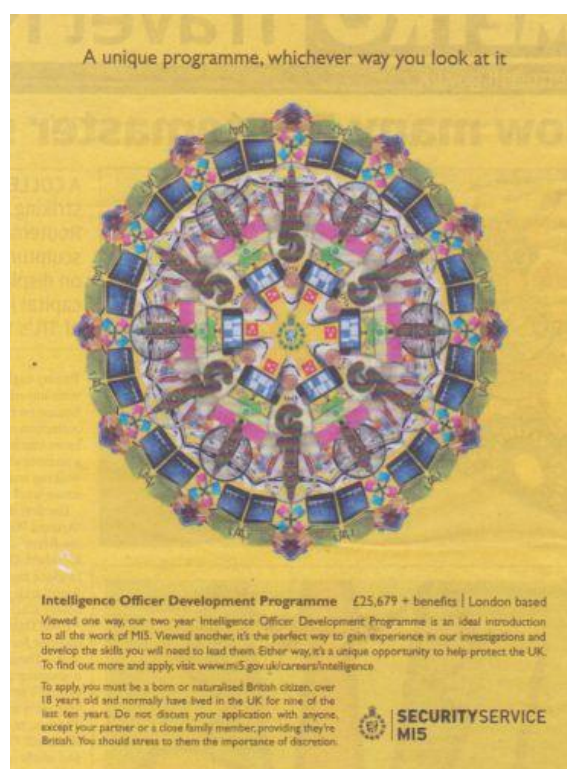
Thanks Peter.

Gizza Job

There it is – a very simplistic advert that gives little away.



More Intelligence Officers



Spectre's Newscast

Russia Today 02/09/2014

Anonymous UK's website was recently targeted and taken down in the midst of a four-day privacy rights protest organized by the collective. The demonstration was held outside Britain's Government Communications Headquarters (GCHQ).

A spokesman for the hacktivist group believes the targeted attack was carried out by GCHQ officials.

The protest, which began outside Britain's Cheltenham-based spy base last Friday, was launched to highlight the erosion of Britons' privacy rights against a backdrop of increasing mass surveillance. But prior to the main day of protest scheduled for Saturday, Anonymous UK's website was taken down. The incident occurred late Friday evening.

This is not the first time the group's communications platforms have been shut down. A spokesman for the hacktivist collective, who runs its online radio station, insists Anonymous UK has been unjustly targeted by GCHQ on several occasions. "One of our servers was destroyed and our UK radio station has been shut down," he told RT on Friday, adding that the group's site was also targeted following the launch of a campaign to feed homeless people.

Commenting on the cyber attack, the spokesman said if a member of the public targeted a government site in this manner, they could "get up to five years in prison the UK." Yet "GCHQ has no one to answer to."

"This is why we protest," he stressed.

Although GCHQ allegedly attempted to liaise with Anonymous UK in advance of the demonstration, a spokesperson for the hacktivist collective said the group declined to respond. Anonymous UK insisted privacy rights advocates have a democratic right to protest peacefully, and shouldn't have to justify their desire to do so to UK authorities.

Probed as to whether Anonymous UK plans to issue a formal complaint about the targeting of its website, a spokesman for the group said "we can't complain to anyone" because "GCHQ would just deny it."

An official GCHQ spokeswoman told RT on Tuesday the body "functioned normally" during the protest, "getting on with the important work" Parliament has requested it carry out "to protect national security." While she neither confirmed nor denied whether GCHQ had targeted Anonymous UK's website, the spokeswoman insisted the organization "fully respects the right of people to protest peacefully within the law."

Central to Anonymous UK's privacy concerns is an alleged UK intelligence operation called Tempora. Covert documents sent to the Guardian by US whistleblower Edward Snowden state the program facilitates British intelligence officers' access to private data. Such information relates specifically to email, social networking, and telephone conversations.

Britain's Investigatory Powers Tribunal is currently seeking to discern whether Tempora exists, and if it violates Article 8 of the European Convention on Human Rights – which deals with citizens' right to privacy. A final judgment on the case is yet to emerge. Following a five day hearing in July, a group of high profile UK and international civil liberties groups that launched the proceedings are still awaiting an outcome. But Anonymous UK is doubtful the final judgement will favor the public's right to privacy.

According to the hacktivist collective, approximately 60 protesters attended the demonstration over the weekend in a bid to raise awareness about the intrusive nature of GCHQ mass surveillance. Others estimate the number of attendees was more moderate. Anonymous UK claim all activists demonstrated in a peaceful and lawful manner, and there were no arrests. Nevertheless, its site remains inaccessible to visitors.

In response to the allegation that GCHQ was responsible for the shut down of Anonymous UK's site, a spokeswoman for the Cheltenham-based listening post said "all of GCHQ's work is carried out in accordance with a strict legal and policy framework, which ensures that our activities are authorised, necessary and proportionate."

Each and every GCHQ operation is characterized by "rigorous oversight" from "the Secretary of State, the Interception of Communications and Intelligence Services Commissioners and the Parliamentary Intelligence and Security Committee", she added.

But Anonymous UK's primary technical expert said the "IP hijack" was carried out by GCHQ because the precise nature of the cyber-attack was indicative of their tactics. "The fact this happened on the same day as the protest seems very coincidental", he added.

On the question of why GCHQ would conduct such a digital assault, he suggested it may have been a "tit for tat response" to Anonymous UK's ongoing privacy rights activism or an effort to "stifle" the group's communications in light of inconvenience caused by the weekend's protest. He said he wasn't aware of other global Anonymous sites being hacked by government bodies.

Anonymous UK is a subset of a nebulous international network of activists and hacktivists known for politically charged, subversive maneuvers worldwide. Recent actions carried out by the broader Anonymous movement include efforts to tackle global inequality, operations to counter government attacks on citizens' privacy rights, efforts to mitigate child pornography, and a "cyber assault" against Israel to counter IDF operations in Gaza.

The Washington Post 18/09/2014

The Navy's massive Triton drone just flew across the U.S. for the first time

When Malaysia Airlines Flight 370 disappeared on March 8 while traveling from Malaysia to China, the U.S. military deployed a variety of aircraft and ships as part of a international effort to find the missing plane and the 239 people on board. But a Navy aircraft that could eventually play a prominent role in such searches wasn't ready yet: The massive MQ-4C Triton maritime surveillance drone is expected to be operational in 2017.

The massive drone reached a new milestone Thursday, however. At 7:53 a.m., one of the 131-foot wide aircraft landed at Naval Air Station Patuxent River in Maryland following its first cross-country flight, the Navy said. The drone soared at heights of more than 50,000 feet at times; it departed from a facility in Palmdale, Calif., owned by its maker, Northrop Grumman, late Wednesday. It flew along the U.S.-Mexico border, over the Gulf of Mexico and across Florida before turning north up the Atlantic Coast.

The Triton had completed 15 test flights prior to the one landing in Maryland on Thursday. The first occurred in May 2013 from Palmdale.

The drone is expected to supplement the Navy's new P-8 Poseidon surveillance plane, performing what the service calls Broad Area Maritime Surveillance, or BAMS. Northrop Grumman says the drone, a descendant of the Air Force's Global Hawk unmanned aircraft, will rely on radar, infrared sensors and advanced cameras to provide full-motion video and photographs to the military.

The Navy deployed its new P-8, a replacement for the P-3 surveillance plane, to search for missing Flight 370 in the Indian Ocean in March. Working from Australia, it flew numerous surveillance missions, but the Triton that will eventually work alongside it wasn't ready. The P-8s were eventually called off April 30, as the search moved almost entirely underwater and the Pentagon curtailed its involvement.

Northrop Grumman said Thursday that over the next few weeks, two other Triton drones will fly to Maryland. One is owned by the Navy; the other is a demonstration aircraft owned by the defense firm.

allAfrica.com 20/09/2014

Egypt: Court Postpones Mursi Espionage Trial

Cairo — The Cairo Criminal Court postponed on Saturday the trial of ousted Islamist President Mohamed Mursi and 35 other defendants accused of espionage to September 29.

Mursi and the other defendants are charged with espionage, disclosing state secrets to foreign countries, funding terrorism, conducting military training to serve an international branch of the Brotherhood, and "endangering the independence, unity and safety of the state."

The court postponed the trial after allowing the defence team to look at the report issued by a technical committee established by the National Communication Regulatory Authority. The committee was tasked with looking into the presidency's emails and statements during Mursi's tenure from June 30, 2012 and until July 3, 2013.

The court received the report during the previous session on September 14.

Other defendants in the trial include Muslim Brotherhood Supreme Guide Mohamed Badie, his deputies Khairat al-Shater and Mahmoud Ezzat, as well as other group leaders and former presidential advisers. Sixteen defendants are being tried in absentia.

The court ordered on Saturday subjecting Shater to a medical examination. It also assigned the public prosecution to summon Adel Azab, a former official at Egypt's State Security (now known as Homeland Security) responsible for the Muslim Brotherhood's file within the authority.

The former president, ousted since July 2013, is implicated in a group of other court cases. He is being tried for inciting the killing of protesters outside the presidential palace during his tenure in December 2012, insulting the judiciary, and escaping from the Wadi al-Natroun Prison during the 18-day January 25 uprising in 2011.

Mursi, two of his aides and eight others were referred to trial on September 7 over new espionage charges which involve leaking classified national intelligence to the Qatari intelligence.

The prosecutor general's office said Mursi, the head of his presidential office Ahmed Abdelatti and his personal secretary Amin al-Srifi leaked the intelligence with the help of eight "spies" and in exchange for a million dollars, adding that they were carrying out the instructions of the "terrorist" Muslim Brotherhood international organisation.

The Guardian 20/09/2014

CIA has stopped spying on western European governments, sources say

Agency declines to comment but US official says pause in decades of espionage was designed to give CIA time to re-evaluate strategy

Stung by the backlash over a German caught selling secrets to the US and the revelations of surveillance by the National Security Agency, the CIA has stopped spying on friendly governments in western Europe, according to current and former US officials.

The pause in decades of espionage was designed to give CIA officers time to examine whether they were being careful enough and to evaluate whether spying on allies is worth running the risk of discovery, said a US official who had been briefed on the situation.

Under the stand-down order, case officers in Europe largely have been forbidden from undertaking "unilateral operations" such as meeting with sources they have recruited within allied governments. Such clandestine meetings are the bedrock of spying.

CIA officers are still allowed to meet with their counterparts in the host country's intelligence service and conduct joint operations with host country services. Recently, unilateral operations targeting third-country nationals – Russians in France, for example – were restarted. But meetings with independent sources in the host country remain on hold, as do new recruitments.

The CIA declined to comment.

James Clapper, the director of national intelligence, said during a public event Thursday that the US is assuming more risk because it has stopped spying on "specific targets", though he didn't spell out details.

Spying stand-downs are common after an operation is compromised, but "never this long or this deep", said a former CIA official, who, like others interviewed for this article, spoke on condition of anonymity because it is illegal to discuss classified material or activities. The pause, which has been in effect for about two months, was ordered by senior CIA officials through secret cables.

The pullback comes at an inopportune time, with the US worried about monitoring European extremists who have fought in Syria, Europe's response to Russian aggression and European hostility to American technology companies following revelations the companies turned over data to the NSA. While the US co-operates closely with Europe against terrorism, spying can help American officials understand what their allies are planning and thinking, whether about counterterrorism or trade talks.

The current stand-down was part of the fallout from the 2 July arrest of a 31-year-old employee of the German intelligence service. Suspected of spying for Russia, he told authorities he passed 218 German intelligence documents to the CIA.

In a second case, authorities searched the home and office of a German defense official suspected of spying for the US, but he denied doing so, and no charges have been filed against him.

A few days later, Germany asked the CIA station chief in Berlin to leave the country, an unprecedented demand from a US ally. The move demonstrated how seriously the Germans were taking the situation, having already been stung by revelations made by Edward Snowden, a former NSA systems administrator, that the agency had tapped German chancellor Angela Merkel's mobile phone.

The NSA disclosure infuriated Merkel, who demanded explanations from President Barack Obama. It embarrassed both world leaders and has left many Germans skeptical about cooperating with the US.

CIA managers were worried that the incident could lead European security services to begin closely watching CIA personnel. Many agency officers in Europe, operating out of US embassies, have declared their status as intelligence operatives to the host country.

The "EUR" division, as it is known within the CIA, covers Canada, Western Europe and Turkey. While spying on Western European allies is not a top priority, Turkey is considered a high-priority target – an Islamic country that talks to US adversaries such as Iran, while sharing a border with Syria and Iraq. It was not known to what extent the stand-down affected operations in Turkey.

European countries also are used as safe venues to conduct meetings between CIA officers and their sources from the Middle East and other high-priority areas. Those meetings have been rerouted to other locales while the pause is in place.

The European Division staff has long been considered among the most risk-averse in the agency, several former case officers said, speaking on condition of anonymity because they weren't authorized to discuss secret intelligence matters by name.

A former CIA officer who worked under nonofficial cover wrote a 2008 book in which he described a number of operational "stand-downs" in Europe, including one in France in 1998 because of the World Cup, and another in a European country in 2005, in response to unspecified security threats.

The former officer, whose real name has not been disclosed, wrote *The Human Factor: Inside the CIA's Dysfunctional Intelligence Culture*, under a pseudonym, Ishmael Jones. He is a former Marine who served 15 years in the agency before resigning in 2006. The CIA acknowledged his status as a case officer when it successfully sued him for publishing the book without first submitting it for pre-publication censorship, as required under his secrecy agreement.

The CIA last faced that sort of blowback from a European ally in 1996, when several of its officers were ordered to leave France. An operation to uncover French positions on world trade talks was unraveled by French authorities because of poor CIA tactics, according to a secret CIA inspector general report, details of which were leaked to reporters.

The Paris flap left the EUR division much less willing to mount risky espionage operations, many former case officers have said.

www.stripes.com 22/09/2014

Chinese ship spies on Valiant Shield, and that's OK with US

YOKOSUKA NAVAL BASE, Japan — A Chinese surveillance ship has been detected observing the Valiant Shield military exercise from within the United States' exclusive economic zone — a move the U.S. actually doesn't mind.

One Chinese auxiliary general intelligence vessel has been watching most of Valiant Shield since it began Sept. 15 in and around Guam, military officials said Monday.

The exercise, which ends Tuesday, involves 18,000 servicemembers from the Navy, Air Force, Marines and Army simulating combat against each other.

Valiant Shield comes in the midst of tensions in the Asia-Pacific region, much of which involve China's rapidly modernizing military and its territorial ambitions.

China stakes an ambiguous claim to about 90 percent of the South China Sea, including areas that the most nations consider international waters.

In recent years, Chinese ships have harassed U.S. ships operating in the international waters that compose China's exclusive economic zone, or EEZ — mostly notably in 2009, when the USNS Impeccable was surrounded by five vessels.

Chinese ships have repeatedly been observed within United States EEZ borders in the past year. U.S. officials have stated they hope the moves will persuade China to shift its position against foreign military movements in its EEZ.

"We'd like to reinforce that military operations in international commons and outside of territorial waters and airspace is a fundamental right that all nations have," Valiant Shield spokeswoman Lt. Cmdr. Kim Dixon said Monday. "The Chinese were following international norms, which is completely acceptable."

An EEZ extends as far as 200 nautical miles from a nation's borders. EEZs confer fishing, mining and other economic rights, but they are not territorial waters belonging to any one country.

EEZs make up about one-third of the world's oceans. The United States and most other nations interpret international law to allow militaries to conduct surveillance in EEZs, but China and about 20 other nations generally see things differently.

On Aug. 19, a Chinese fighter jet intercepted a U.S. Navy P-8 flying 135 miles from Hainan Island, within China's EEZ.

The armed jet performed a barrel roll and flew within 20 feet of the P-8's wingtip, Pentagon spokesman Rear Adm. John Kirby said Aug. 22.

Kirby condemned the "unsafe and unprofessional intercept, which posed a risk to the safety and the well-being of the aircrew, and was inconsistent with customary international law."

The Pentagon later released photos of the Chinese fighter displaying its armed underside to the P-8, a surveillance plane with a body resembling a commercial airliner.

Chinese officials said their pilot acted professionally and called on the U.S. to end "close-in" surveillance.

China also sent a surveillance ship to the EEZ surrounding Hawaii during the multinational Rim of the Pacific exercise this past summer. That decision, while in accordance with U.S. views on EEZs, surprised some military officials because China was also an exercise participant.

China's surveillance of Valiant Shield was far less surprising. Much of the exercise has focused on countering "anti-access, area denial" — a strategy that stops militaries from entering international waters and airspace, and prevents any forces already within those spaces from maneuvering.

The Pentagon's annual report to Congress on China's military stated that Beijing is producing advanced long-range missiles and other weaponry to prevent access to large parts of the South and East China seas. The other country most often associated with an anti-access, area denial strategy is Iran.

The Telegraph 22/09/2014

GCHQ employs more than 100 dyslexic and dyspraxic spies

The British intelligence agency uses dyslexics' ability to analyse complex information in a 'dispassionate, logical and analytical' in the fight against terror

GCHQ employs more than 100 dyslexic and dyspraxic 'neuro-diverse' spies to harness their analytical skills in the fight against terror.

The British intelligence agency uses their ability to analyse complex information in a "dispassionate, logical and analytical" way to combat threats such as foreign espionage.

While many people with dyslexia struggle with reading or writing, they are often extremely skilled at deciphering facts from patterns or events.

IT specialist Matt, 35, chairman of the dyslexic and dyspraxic support community at GCHQ, told The Sunday Times: "What people don't realise is that people with neuro diversity usually have a 'spikyskills' profile, which means that certain skill areas will be below par and others may be well above," he said.

"My reading might be slower than some individuals and maybe my spelling is appalling, and my handwriting definitely is ... but if you look at the positive side, my 3D spacial-perception awareness and creativity is in the top 1% of my peer group."

Related Articles

Some 120 "neuro-diverse" staff employed by the intelligence agency.

Children are diagnosed with dyslexia for a range of reasons including those whose difficulty in reading is unexpected, those who show a discrepancy between reading and listening comprehension or pupils who do not make meaningful progress in reading even when provided with high-quality support.

The NHS estimates that 4-8 per cent of all schoolchildren in England have some sort of dyslexia.

Dyspraxia, which affects sufferers' co-ordination, is diagnosed in around one in 20 children.

A GCHQ official said: "Neuro-diverse individuals can bring additional value to the full spectrum of roles and jobs across the department."

BBC News 17/10/2014

Poland arrests two 'suspected Russian spies'

The authorities in Poland have arrested a Polish army officer and a lawyer for espionage, amid reports that they allegedly spied for Russia.

Prosecutor General Andrzej Seremet said they had been detained after months of investigation and were suspected of "hurting Poland's interests".

He did not say which foreign state was involved, but a Polish MP and Polish media said it was Russia.

Poland's relations with Russia have been strained by the Ukrainian crisis.

The former eastern bloc state, which joined Nato in 1999 and the EU in 2004, is one of Russia's strongest critics.

Marek Biernacki, a member of the Polish parliament's intelligence committee, told reporters: "Actions are being taken in respect of two agents of the Russian state."

The two unnamed detainees, he said, had worked for the GRU, Russia's military intelligence agency.

The lawyer, who reportedly has joint Polish-Russian citizenship, is understood to have worked in Warsaw, specialising in economic matters, Polish radio said.

Reuters 21/10/2014

Iran arrests several spies near Bushehr nuclear plant: Fars news agency

(Reuters) - Iranian security services have arrested several suspected spies in the southern province of Bushehr where the country's first nuclear power plant is located, the semi-official Fars news agency reported on Tuesday.

Iran has repeatedly cited signs of what it calls foreign plots to sabotage its nuclear program, which world powers fear could be put to developing an atomic bomb capability and are seeking to curb through high-level negotiations, with a deadline of Nov. 24 for an accord.

The Islamic Republic says it is developing nuclear energy only for electricity and medical treatments.

"Thanks to the vigilance of Intelligence Ministry forces who monitor the moves of the foreign intelligence services, some agents who intended to carry out surveillance and intelligence gathering for foreigners have been arrested," Intelligence Minister Mahmoud Alawi Alawi told Fars, without elaborating.

He said Bushehr province was Iran's nuclear hub and therefore "has a special position at the national level".

Although the West suspects Iran has tried to develop the means to assemble a nuclear weapon behind the facade of a civilian atomic energy program, the Russian-built Bushehr nuclear power station on the country's Gulf coast is not itself deemed to be a serious proliferation risk by Western states.

In 2010, Iran's uranium enrichment facilities were temporarily impaired by a virus known as Stuxnet, which was widely believed to have been developed by the United States and Israel, although no government took responsibility for it.

In March of this year, pumps at Iran's planned Arak reactor, seen by the West as a potential source of plutonium that could fuel nuclear bombs, were subjected to a failed sabotage attempt, Iranian media quoted a senior official as saying.

Iran and the world powers - the United States, Russia, China, Britain, France and Germany - are trying to negotiate an end to a decade-old standoff that has led to damaging economic sanctions imposed on the Islamic Republic.

The election last year of moderate Hassan Rouhani as Iranian president led to an interim diplomatic accord last November under which Tehran has curbed some sensitive aspects of its enrichment activity in exchange for limited sanctions relief.

It remains unclear whether the two sides will meet the self-imposed Nov. 24 deadline for a permanent deal that would scale back Tehran's nuclear capacity to remove its potential for bombmaking in exchange for a phasing-out of all sanctions.

Al Arabiya News 21/10/2014

Britain to fly spy drones over Syria

Britain said on Tuesday that its drones deployed to counter ISIS militants in Iraq will also operate in the Syrian airspace for intelligence gathering.

British parliament had authorized air strikes in Iraq, where Tornado fighter jets are part of an international operation conducting bombing raids on ISIS group targets, but not in Syria.

Defence Secretary Michael Fallon said both Reaper drones and Rivet Joint surveillance aircraft would fly over Syria as part of "efforts to protect our national security from the terrorist threat emanating from there."

"Reapers are not authorized to use weapons in Syria and, alongside Rivet Joint, will provide vital situational awareness making it an invaluable asset to the coalition allies who are combating ISIL," ministry of Defence said in a statement on its website.

Reuters said a defense ministry spokeswoman was unable to immediately clarify whether that meant ministerial approval or a vote in parliament.

Foreign Secretary Philip Hammond announced last week that unmanned Reaper drones were being re-deployed from Afghanistan to the Middle East.

During the debate on strikes against targets in Iraq last month, Prime Minister David Cameron said he would return to parliament to seek fresh permission if it was necessary to extend the action to Syria.

But he also stressed that it could go ahead without a parliamentary vote in the event of an urgent humanitarian situation.

As well as sending eight jets which are flying sorties out of Cyprus, Britain is supplying weapons, ammunition and training to Kurdish Peshmerga forces.

The ISIS group controls large areas of territory in Iraq and Syria, where it has declared an Islamic "caliphate," prompting a U.S.-led coalition to launch air strikes which have so far lasted several months.

BBC News 21/10/2014

GCHQ's outgoing director warns spies must monitor the internet

Sir Iain Lobban was joined by an assortment of spies and securocrats including former heads of GCHQ and the current chief of MI6. It was a venue not chosen by chance.

As he leaves his position as director of GCHQ, Sir Iain used his speech to try to connect the work of today's GCHQ with its predecessor at Bletchley Park which supplied vital information to Sir Winston Churchill who, from the same bunker, directed Britain's wartime efforts.

Then, the mission was intercepting and breaking the Enigma code used by the German military to communicate. Dealing with today's threats, Sir Iain argued, involved going online.

"Those who would do us harm don't want to be found. They choose certain routers or applications to hide in the darkest places of the internet. We have to enter that labyrinth to find them. We work to crack their defences," he told the audience.

Sir Iain took aim at those who saw spy agencies polluting a free internet. "We all now know that the beautiful dream of the internet as a totally ungoverned space was just that - a beautiful dream.

"Like all utopian visions, it was flawed because it failed to account for the persistence of the worst aspects of human nature.

"Alongside the blessings - the comprehensive information, the communities of interest, the commercial opportunities and efficiencies - there are the plotters, the proliferators and the paedophiles."

Sir Iain's early career was defined by the Cold War and spying on the Russians. It was an era when GCHQ's work was never talked about and in which the details of Bletchley's work had only just emerged.

Recently though, many of the secrets of GCHQ have been exposed by Edward Snowden, the American contractor who leaked thousands of documents leading to accusations from critics that GCHQ was involved in what was described as mass surveillance.

That was an idea that Sir Iain sought to challenge.

"The people who work at GCHQ would sooner walk out the door than be involved in anything remotely resembling 'mass surveillance'." he asserted.

"Secret does not have to equal sinister," he went on to say, blaming the idea partly on the portrayal of intelligence in popular culture.

A significant portion of his speech was dedicated to talking about his staff.

He said they "are normal decent human beings - people who spend their lives outside work shopping at Sainsbury's or the Co-op, watching EastEnders and Spooks, listening to Radio 4 and TalkSport, drinking in pubs, wine bars and Cotswold tea rooms. We don't suddenly lose our souls the moment we swipe into the doughnut," he said referring to the building in Cheltenham in which they work.

But when they spy on the internet, how much do his staff actually listen to or see? The accusation has been that the kind of bulk access that GCHQ employs is invasive of people's privacy.

Sir Iain tried to undermine the idea of an all seeing agency which could listen to everything. However, he defended the idea that the agency needed to "access the internet at scale" in order to find what it needed and admitted that this would involve incidental collection of other data.

"Today, of all the communications out there globally - the emails, the texts, the images - only a small percentage are within reach of our sensors.

"Of that, we only intercept a small percentage.

"Of that, we only store a miniscule percentage for a limited period of time.

"Of that, only a small percentage is ever viewed or listened to, as permitted by our legal framework and self-evidently constrained by resource."

Of course what percentage of whose communication and the details of how they are collected were not included in the speech.

Some secrets had to remain just that, he said. But so long as there are secrets there are those who will be suspicious of the organisation and what it really gets up to.

Critics continue to argue that much more can be done to improve transparency, oversight and accountability over the agency's work.

Robert Hannigan Robert Hannigan is about to take over as new director of GCHQ

The journey of GCHQ out of the dark and into the light has been slow and certainly accelerated by the revelations of Edward Snowden - who was never mentioned directly in the speech even though much of its content was in reaction to his revelations.

Many of the details being openly talked of now could have been revealed before and the signs are that, when he takes over next week, the new director of GCHQ Robert Hannigan will likely continue the trend for more openness about what the organisation does and does not do.

BBC News 23/10/2014

Nato jets 'intercept Russian spy plane' over Baltic

A Russian spy plane has been intercepted by Nato jets over the Baltic Sea, the alliance says, amid heightened tensions in the region.

Estonia summoned Russia's ambassador on Wednesday after its military said the Ilyushin-20 plane had entered its airspace for about a minute.

But Russia said the plane had been on a training flight and had not violated Estonian airspace.

Russia has been accused of several recent border violations in the region.

The conflict in eastern Ukraine, which the West says Russia has stoked by supporting the rebels, has prompted sanctions against senior figures in Moscow and bans on EU goods in response.

In the past week, non-Nato member Sweden has been searching for a submarine reportedly sighted in its waters in the southern Stockholm archipelago some 48km (30 miles) from the capital. The suspected submarine is widely assumed to be Russian.

Last month, Estonia accused Russia of abducting one of its security officials on the border.

Nato said the Ilyushin plane had taken off from the Russian Baltic coast enclave of Kaliningrad on Tuesday and was "first intercepted by Danish F-16 jets when it approached Denmark", before flying north towards Sweden.

Intercepted by Swedish planes, the Ilyushin entered Estonian airspace for less than a minute and was escorted out by Portuguese F16s, the alliance said.

A Russian defence ministry spokesman said the military plane had taken off from Khrabrovo airfield in Kaliningrad and flown "over neutral waters of the Baltic Sea".

The flight was carried out "in strict adherence to the international regulations on the use of airspace", a spokesman told Interfax news agency.

The Guardian 24/10/2014

MI6 whistleblower's partner accuses intelligence agencies of 'moral slide'

Annie Machon, former partner of David Shayler, reflects on impact of Snowden revelations at Playful conference

The former partner of an MI6 whistleblower has described the "dangerous moral slide" of the UK's intelligence services, comparing a 1996 assassination plot against then Libyan leader Colonel Muammar Gaddafi to his treatment during the 2011 uprising.

Annie Machon, former partner of the whistleblower David Shayler, said that British agents had worked alongside rebels in Libya in 1996 in a failed plot to try to kill the dictator, who took power in a 1969 coup. Shayler was imprisoned twice for exposing the plot.

Yet in 2011, Machon said, Gaddafi's downfall in which he was captured and killed by members of an uprising was closely reported and filmed. "The reporting of MI6 help [for the 1996 plot], of Gaddafi being pulled out of a drainpipe and bugged with a bayonet - nobody cared," she said. "It says something that what was a dirty secret in 1996 was openly reported in 2011 - it's a dangerous moral slide that we, as civilised nations, have taken in that time."

Speaking at the Playful conference in London on Friday, Machon paid tribute to Edward Snowden, who revealed details of surveillance by the US's National Security Agency (NSA), for revealing the extent of modern surveillance and the invasion of privacy. Of the UK's spy agency, she said: "GCHQ has prostituted itself the the NSA to the tune of million of dollars with no accountability or oversight - they tell the NSA 'we can do stuff you can't do'. We live in an endemic

surveillance state now. Politicians say ‘we know the intelligence agencies are working within the law and protecting, not eroding, our freedoms’. But politicians don’t have a bastard clue what spies can get away with and Britain is the least accountable of all the western intelligence agencies.”

Machon signed the Official Secrets Act when she joined MI5 in 1990 after an intensive 10-month recruitment process. She had wanted to work as a diplomat but was sent a mysterious letter which suggested other career possibilities. “I had no idea what I’d be doing the first day I walked through the door of MI5. All I knew was my paygrade and salary, but I had signed up to a secret world.”

Machon described working as a general officer, arranging phone and physical surveillance of subjects. “When I first started reading transcripts of phone conversations it felt highly intrusive - information about their private lives and who they were having an affair with that even their families didn’t know. It becomes god-like ... a massive sense of dislocation from the real world.”

Shayler was sentenced to six months in prison in 2002 for releasing 28 classified documents to a national newspaper, which led to stories that MI5 held files on government ministers, failed to act on knowledge of IRA bomb plots, and carried out illegal phone surveillance. Shayler fled the UK with Machon three days before the first story was published and went into hiding in Europe for nearly a year, with Machon returning just once to the UK to “comfort our traumatised families”, none of whom had known about their work until they saw the story on the front pages.

Machon also described an incident where a Libyan spy had attempted to pay them off in return for sharing British intelligence on Libya, which she said the couple declined. “We were not in the game of treachery.”

She spoke of the personal cost of living a secret life when working in intelligence, and the dislocation of living a life fractured between a hidden and public life. “I cannot shake off the paranoia that I am being watched or followed,” she explained.

“When we were under investigation our phone calls and emails were under surveillance but also our friends, who were under pressure to report back. That invasive lack of privacy can be very damaging to the human soul, and thanks to Snowden we know we are all living under that sense of a lack of privacy and surveillance.”

Machon made a plea for whistleblowers to be supported by the press and public by focusing not on the “diversionary tactic” of their personal lives but on what they are trying to expose. “Snowden will not be the last but might be the bravest whistleblower in intelligence agency history.”

The Economist 25/10/2014

Echoes of the cold war

The frustrating search for a suspected Russian submarine

TALK of a new cold war between Russia and Europe may be overdoing it, but the scenes being played out in Kanholmsfjarden, an area of water some 40 kilometres (25 miles) east of Stockholm, are vividly reminiscent of a drama from an earlier era. In 1981 a Soviet Whiskey-class submarine, U137, ran aground near Karlskrona, a Swedish naval base. The incident, regarded as a flagrant breach of the country’s neutrality, became known as “Whiskey on the rocks”. It was far from a one-off: Soviet submarines carried out operations in Swedish waters throughout the cold war, reaching a peak of aggression in the 1980s.

History may be repeating itself. On October 17th Sweden’s armed-forces command reported that, following a visual observation by a “credible source”, it was investigating probable “foreign underwater activity”. The following day, as the navy stepped up the search by deploying additional vessels armed with sensors, Sweden’s leading newspaper, Svenska Dagbladet, claimed that a distress call in Russian had been picked up, as had encrypted radio traffic, between a location outside Stockholm and the Russian Baltic exclave of Kaliningrad. The apparently well-sourced story said that it all pointed to a Russian submarine that was lying damaged in Swedish waters.

Since then, a small fleet consisting of corvettes, minesweepers and fast patrol boats, pursued by a waterborne media pack, has criss-crossed the coastal waters outside the capital in the hunt for the submarine. Despite several reported sightings by (possibly overexcited) civilians, it had not been found as The Economist went to press. The frustration is beginning to show. Sweden’s senior commander, General Sverker Goransson, told reporters: “This is very serious. I would even go so far as to say it’s fucked up.” General Goransson has authorised the navy “to force whatever it is up to the surface”. Meanwhile, the helpful response from Russia has been to suggest, rather implausibly, that the submarine may be Dutch.

Whether the submarine, if that is indeed what it is, will ever be found remains unlikely unless it is severely damaged. Anti-submarine warfare (ASW) is hard, and the Stockholm Archipelago provides plenty of places to hide from even the most advanced sensors and skilled operators. Moreover, since the end of the cold war, Sweden has neglected its ASW capabilities, even retiring its anti-submarine helicopters. Last year the country had a nasty surprise of another kind, when six Russian planes carried out a simulated missile attack on Stockholm without Swedish fighters even taking off. Defence gets just 1.2% of GDP and cracks are showing. On a visit this week to Estonia, whose airspace is constantly violated by Russian aircraft, Sweden’s new centre-left prime minister, Stefan Lofven, promised that defence spending will rise.

PressTV 25/10/2014

Secret files show MI5 spying on academics

Britain’s domestic spying apparatus, the MI5, has been spying on a number of prominent academics for decades, newly declassified documents show.

According to documents released at the National Archives on Friday, the phone calls of leading British academics, especially historians, were tapped and their friends and family members were monitored in the 1940s and 1950s.

Oxbridge historians Christopher Hill and Eric Hobsbawm as well as Oxford don AJP Tayl, writer Iris Murdoch and philosopher Lady Mary Warnock were among those spied on for years.

MI5 has tried to defend its spying activities by arguing that the scholars were kept under surveillance in order to establish their contacts’ identities and their supposed communist leanings.

This comes as frequent revelations of espionage by the UK government have provoked growing public uproar over the lack of privacy for British citizens.

Classified documents leaked by American whistleblower Edward Snowden in June last year revealed that the Government Communications Headquarters (GCHQ) was secretly accessing the network of cables that carry the world’s phone calls and Internet traffic and had been sharing the data with the US National Security Agency.

Civil liberties campaigners have launched legal action against the GCHQ over the violation of the privacy of millions of people across the UK and Europe via online surveillance.

SPECIAL MATTERS

Operation Jallaa: NOTE POSSIBLE JANUARY 2015



MESSAGES:

'E' Your letter held by sorting office for a Revenue payment again. [Stamp problems]

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>

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