

ENIGMA 2000 NEWSLETTER



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**A REMINDER: ENIGMA2000 WILL NOT DISCUSS THE RUSSIAN/UKRAINE
OR GAZA/IRAN/ ISRAELI MATTERS BEYOND TECHNICAL MATTERS**

**WE WILL NOT BE ANSWERING E MAILS SENT FROM THE PARTICIPATING COUNTRIES CONCERNING
OUR SUBJECT MATTER OR USING MATERIAL THEREOF.**

Editorial



On Wednesday 13th May at 1539z I was sitting writing a letter to PW when I received a message from Robe2k. This was part of the vista he sent and because of a certain remark I give this image pride of place thanks Rob and well done!

A very busy month; not much heard from V32 [does it still run?] and what was/is its purpose? Perhaps we'll never know.

Thanks to Hiram for the V32 decode analysis and for the GPS vacant space information. Very much reminded me of the old teletext system that occupied a few unused lines on the screen; picture derived from 625 lines.

Just realised I'm so old I remember B&W 405 lines and only one channel on TV. Same rubbish as today. [499 remembers John Logie Baird's Nipkov disk and head experiment]. That said when I was a boy I purchased a televisor at a jumble sale. Difficult to move the Church warden ran it to my home. Mother well upset, dustbin the following Thursday.

Short waves operating as we've expected; good and bad days and in South of England, especially around my QTH, lots of lightning. At one stage there were overhead discharges; my antenna disconnected but blue sparks running up the wire and crackling nicely. I doubt the couple of 1N4148 diodes, GsAs discharge device and neon lamp would have saved my kit from that.

Peter writes in with an interesting piece: Not Number Station Related but Possibly Interesting:-

The move away from conventional radio continues apace, the BBC long-wave transmitter on 198 kHz, located at Droitwich in the English Midlands, finally closed down and went off air in late June.

This had been expected for some time and after several stays of execution the plug has now been pulled. The transmitter carried the BBC Radio 4 talk station which is still available on FM and DAB but there there have been complaints that in some remote parts of the country these platforms do not provide reliable reception in the way that long-wave did.

The station was originally on a frequency of 200 kHz but changed to 198 several decades ago when under some international agreement broadcast frequencies in the long and medium wave bands changed to a 9 kHz spacing. Why this was done is unclear especially with regard to the Droitwich transmitter because the 200 kHz was a convenient source as an accurate frequency reference and there were several commercially available frequency standards which used the off-air 200 kHz for that purpose.

Presumably they all had to be scrapped when the change took place.

The remaining broadcast stations on the medium wave band are also under sentence of death, the BBC's Radio 5 Live, mostly a sports and phone-in format, are due to switch off their transmitters on 909 and 693 kHz, which give nation-wide coverage, at some point over the next few years. Hopefully the commercial Radio Caroline on 648 will stay on.

It was also reported that the Canadian time signal station which used several frequencies in the short-wave spectrum also closed down in June. The outlet on 3330 was often heard here in the depths of winter in the early morning before in the hour or two before sunrise.

Also in Canada there was something on the internet recently that the weather service on VHF, somewhere above 160 MHz I think, as is a similar one in the United States, has gone.

At one time some analogue, i.e. with dial and pointer tuning, multi-band radios with extended VHF coverage into the air band and beyond would have "weather" marked on the tuning scale above 160 MHz which must have been done with the North American market in mind. {Txn PoSW}

Finally PLdn made time to restring his 80 to 10m EFHW and get it back up; the 10m $\frac{1}{4}\lambda$ vertical now a thing of the past. Interestingly, the EFHW, set as inverted L is a lot quieter than the vertical although certain stations remain difficult.



EFHW antenna: 8m vertical, 12.4m horizontal to 110uH 80m loading coil plus 2.5m extension. Works well.

It uses the same 49:1 Unun and 110uH coil as before. New wiring though. On testing my first station, using 50W on 20M was in New York. I use the same antenna for Number Station listening and whilst its obvious I'm the wrong side of the hill for certain stations it really is quieter and offers better results the vertical it replaced; that giving way to 20.4M of wire sloping to the fence and visible traversin the lower right corner of the above EFHW.

Here in Crystal Palace we've been over treated with lightning; at one stage I had sparks running along the feeder to my longwire antenna as it discharged to earth via my wooden colonial style shutters I favour in the Set Room. I have had to disconnect on several occasions, rumbles in the clouds, actual forecasts and definitely at night.

Lightning has always been a thing here, 73.8M asl, but not this bad. In fact the last time I saw lightning this bad was during my 'visit' to Guyana in 1990. I had an antenna stretched out in the Airport Compound and luckily left that unconnected. How the vast arrays of wire strung at the airport missed its demise is a question to which there's no answer. The T2FD seemed popular in the capital city, Georgetown.

Again no smoking feeders – unlike a certain liberated Eastern European Embassy Transceiver that fed from a high mounted antenna took a direct hit and survived. The coax didn't.

Wonderful piece of kit; the antenna filters were in small barrels; the radio itself could handle many modes and be remote controlled from its particular MFA. Digital display; can't remember if that was nixie or GaAs o/p tubes. Long time ago.

I wonder who has that room size unit [it was massive 1kW all modes] since the building it rested in is long demolished.

News round up

PoSW's item missed from last time:

News Item:-

I gave up on buying newspapers at the time of the pandemic; both the tabloids and those who like to call themselves the "qualities" both consistently carried editorial and leader articles urging more and harsher restrictions on the general public. Of course they did; the full page public information advertisements with regard to the virus placed in the press by the government must have made a great deal of money for the publishers, especially when sales of newspapers are falling anyway. However, we get two local free papers delivered weekly containing mostly local news for local people but sometimes there will be a news item with a link to events further afield making the pages, usually with some connection to Stansted Airport a few miles up the road. The following story, nothing to do with radio or number stations as such, but a sign of the general mayhem going on in the world at the moment, appeared in the "Saffron Walden Reporter" of 5-March:-

"Aircraft diverted in mid-flight" is the headline and goes on to say, "A Ryanair plane was diverted mid-flight after its destination was evacuated due to a 'suspicious object' spotted on radars.

Flight FR3131 was heading to Paphos International Airport in Cyprus but was re-routed to Athens on Monday, March 2 after an unidentified drone entered restricted airspace.

The aircraft took off from Stansted at 0908 UTC and landed safely in Athens at 1245 UTC.

The FCDO said on the government website: 'On 2 March 2026 the Sovereign Base Areas Administration confirmed a suspected drone attack at RAF Akrotiri.

British nationals in the Sovereign Base Areas should follow instructions from the Sovereign Base Areas Administration British Bases Cyprus Facebook.

British nationals in the Republic of Cyprus should follow any instructions from Cypriot local authorities."

Interesting piece and my apologies for forgetting it last time

'E's Excellent News round can be found after the log section. Thanks for your sterling effort, E

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

M01/3 XIV MCW, hand (025 sched for May - Aug). Will change to M01/2 sched ID 463 for Sept - Oct.

From the beginning of October 2022, all M01 transmissions sent have used a single carrier vs usual 'Two-Tone' transmission mode.

May 2026:

4903	2000z	05 May	'025' 576 30 == 84623 12476 ... 11189 44532 ==	Fair, fast. Excellent Morse. One error noted in grp30	BR	TUE
	2000z	07 May	'025' 634 30 == 63829 75023 ... 10754 84739 ==	Weak, fast. Numerous errors noted	BR	THU
	2000z	12 May	'025' 668 30 == 96412 00896 ... 63421 08670 ==	Fair, fast. Excellent Morse. Perfect with no errors	BR	TUE
5280	1800z	05 May	'025' 148 30 == 37645 96754 ... 43657 77568 ==	V.Weak, fast. Copy via SDR Poland. Errors noted	BR	TUE
	1800z	07 May	'025' 332 30 == .76 .3 19835 ... 10054 10847 ==	Weak with QSB. Fastr delivery. Poor copy throughout	BR	THU
	1800z	12 May	'025' 781 30 == 34521 23441 ... 124 552 76 ==	V.Weak, fast. First 12 grps good - Then chaotic to end	BR	TUE
	1800z	19 May	'025' 589 30 == 91871 276156517 09281 ==	Weak, fast. Excellent Morse. Faded towards end of msg	BR	TUE
	1800z	26 May	'025'	Very poor signal - No useful copy	BR	THU
6435	1500z	02 May	'025' 109 30 == 54739 10918 ... 27618 33091 ==	Very poor. Copy via SDR Poland. Errors noted	BR	SAT
	1500z	16 May	'025' 456 30 == 74869 45781 ... 56793 29471 ==	Weak. Spaced, slow delivery. No noted errors	BR	SAT
	1500z	30 May	'025' 180 30 == 05980 96089 ... 60092 10100 ==	Weak, fast. Poor copy throughout	BR	SAT
6780	0700z	03 May	'025' 409 30 == 54673 29817	Weak with poor copy. Strong digital QRM wipeout	BR	SUN
	0700z	10 May	'025' 707 30 == 48603 07860 ... 40703 30300 ==	V.Weak, fast. Poor copy in places.	BR	SUN
	0700z	24 May		Signal present - Unreadable due to strong digital sig	BR	SUN
	0700z	31 May	'025'	Very poor signal. Partially audible. No useful copy	BR	SUN

Note: A short data stream was received at 2010z on Tuesday, 12 May, following the 2000z M01 transmission. These data transmissions have been noted before, following after an M01 schedule.

June 2026:

4903	2000z	02 Jun	'025' 655 30 == 84931 94371 ... 12842 10944 ==	Weak, fast. Excellent Morse. Grps 21-24 with errors	BR	TUE
	2000z	04 Jun	'025' 896 30 == 80870 86858 ... 78687 35142 ==	Fair. Spaced, slow delivery. Numerous errors noted	BR	THU
	2000z	09 Jun	'025' 164 30 == 65423 12348 ... 07895 97864	Fair, fast. Excellent Morse. Grps14-19 chaotic	BR	TUE
	2000z	11 Jun	'025' 572 30 == 85345 12905 ... 35467 97865 ==	Fair, fast. Excellent Morse. Extra 'I' added grp20	BR	THU
	2000z	18 Jun	'025' 718 30 == 14722 94300 ... 85993 19351 ==	Fair, fast. Excellent Morse. Errors grps10 & 25	BR	THU
	2000z	23 Jun	'025' 907 30 == 40439 3847 04732 74737 ==	Fair, fast. Numerous errors noted, mostly partial grps	BR	TUE
5280	1800z	02 Jun	'025' 417 30 == 83921 73829 ... 75839 47382 ==	Weak, fast. Excellent Morse. No errors	BR	TUE
	1800z	09 Jun		Extremely weak = No useful copy	BR	TUE
	1800z	18 Jun	'025'	Very poor signal. No useful copy	BR	THU
	1800z	23 Jun	'025' 743 30 == 9238 575	Very weak. Fast delivery. Very poor copy	BR	TUE
6435	1500z	13 Jun	'025' 934 30 == 84627 47683....	Weak. Spaced, slow delivery. Faded to nothing	BR	SAT
6780	0700z	14 Jun	'025' 471 30 == 75419 39564....	Very weak. Very poor copy. Errors noted in call-up	BR	SUN

M01a (From Feb 2016 M01a has been redefined to cover all M01 variants - excepting M01b)

No reports

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

New ID's may be only for the month/sched shown, but not necessarily unknown. The reason for their reuse, some after long periods of time is unknown.

Asiatic M12 Logs

13961/12201/10597	0800/20/40z	01 May	925 1 (5891 149) 38415 15251 ... 68527 71498 000	(Via SDR Japan)	Gert	FRI
	0800/20/40z	03 May	925 1 (2109 131) 62025 45433....	(Via SDR Japan)	BR	MON
	0800/20/40z	08 May	925 1 (2109 131) 62025 45433....	(Via SDR Japan)	BR	FRI
	0800/20/40z	11 May	925 1 (6094 89) 26287 32258....	(Via SDR Japan)	BR	MON
	0800/20/40z	15 May	925 1 (6094 89) 26287 32258....	(Via SDR Japan)	BR	FRI
	0800/20/40z	18 May	925 1 (2876 76) 17767 83364....	(Via SDR Japan)	BR	MON
14382/13423/12194	0800/20/40z	22 May	925 1 (2876 76) 17767 83364....	(Via SDR Japan)	BR	FRI
	0800/20/40z	01 Jun	341 1 (7530 89) 08312 75374....	(Via SDR Japan)	BR	MON
	0800/20/40z	05 Jun	341 1 (7530 89) 08312 75374....	(Via SDR Japan)	BR	FRI
	0800/20/40z	08 Jun	341 1 (2323 65) 56191 00668....	(Via SDR Japan)	BR	MON
	0800/20/40z	12 Jun	341 1 (2323 65) 56191 00668....	(Via SDR Japan)	BR	FRI
	0800/20/40z	22 Jun	341 1 (1300 101) 52150 50666....	(Via SDR Japan)	BR	MON
0800/20/40z	26 Jun	341 1 (1300 101) 52150 50666....	(Via SDR Japan)	BR	FRI	

European M12 Logs

May 2026: New scheds in bold type

11564/10487/9319	1900/27/54z	02 May	258 1 (4356 403)	16001 34400....	Long msg – 2nd & 3rd sending times adjusted	BR	SAT
	1900/20/40z	07 May	258 1 (9785 298)	91617 97701....		BR	THU
	1900/20/40z	09 May	258 1 (9785 298)	91617 97701....		BR	SAT
	1900/20/40z	21 May	258 1 (7490 263)	48078 04916 ...	35305 61637 000 000	Gert	THU
	1900/20/40z	28 May	258 1 (2435 299)	16061 66845....		BR	THU
	1900/20/40z	30 May	258 1 (2435 299)	16061 66845 ...	78625 71272 000 000	Faster at 35wpm Gert	SAT
13409/12195/11526	1900/20/40z	04 May	397 1 (6178 199)	34764 90300....		BR	MON
	1900/20/40z	10 May	397 1 (6178 199)	34764 90300....		BR	SUN
	1900/20/40z	11 May	397 1 (4605 192)	61263 50822....		BR	MON
	1900/20/40z	18 May	397 1 (7295 190)	82765 29622....		BR	MON
	1900/20/40z	24 May	397 1 (7295 190)	82765 29622....		BR	SUN
	1900/20/40z	25 May	397 1 (4208 195)	65342 61282....		BR/E'	MON
	1900/20/40z	31 May	397 1 (4208 195)	65342 61282....		BR	SUN
17458/16234/15814	2100/20/40z	02 May	428 1 (.....)	Very poor copy	BR	SAT
	2100/20/40z	08 May	428 1 (8543 73)	30937 67610....		BR	FRI
	2100/20/40z	15 May	428 1 (8545 73)	30937 63610....		BR	FRI
	2100/20/40z	16 May	428 1 (.....)	Very weak – No useful copy	BR	SAT
	2100/20/40z	22 May	428 1 (9446 84)	31256 43301....	Echo on reception	BR	FRI
	2100/20/40z	23 May	428 1 (9446 84)	31256 43301....	Much clearer tonight	BR	SAT
	2100/20/40z	29 May	428 1 (9446 84)	31256 43301....		BR	FRI
	2100/20/40z	30 May	428 1 (9446 84)	31256 43301....		BR	SAT

June 2026:

13409/12195/11526	1900/20/40z	01 Jun	397 1 (8458 160)	20104 27675....		BR	MON
	1900/20/40z	07 Jun	397 1 (8458 160)	20104 27675....		BR	SUN
	1900/20/40z	08 Jun	397 1 (8171 181)	91854 71064....		BR	MON
	1900/20/40z	14 Jun	397 1 (8171 181)	91854 71064....		BR	SUN
	1900/20/40z	15 Jun	397 1 (2588 166)	86721 60017....		BR	MON
	1900/20/40z	21 Jun	397 1 (2588 166)	86721 60017....		BR	SUN
	1900/20/40z	22 Jun	397 1 (1997 155)	04357 33290....		BR	MON
	1900/20/40z	28 Jun	397 1 (1997 155)	04357 33290....		BR	SUN
	1900/20/40z	29 Jun	387 1 (4621 170)	92212 99717....		BR	MON
11564/10487/9319	1900/20/40z	04 Jun	258 1 (7898 256)	77411 00168....		BR	THU
	1900/20/40z	06 Jun	258 1 (7898 256)	77411 00168....		BR	SAT
	1900/20/40z	11 Jun	258 1 (6810 282)	25546 74838....		BR	THU
	1900/20/40z	18 Jun	258 1 (3431 261)	98200 63809....		BR	THU
	1900/20/40z	20 Jun	258 1 (3431 261)	98200 63809....		BR	SAT
	1900/20/40z	25 Jun	258 1 (2140 286)	15681 50111 ...	51189 72730 000 000	Gert	THU
	1900/20/40z	27 Jun	258 1 (2140 286)	15681 50111....		BR	SAT
17421/16141/15928	2100/20/40z	05 Jun	419 1 (2893 161)	51104 26459....		BR	FRI
	2100/20/40z	12 Jun	419 1 (2893 161)	51104 26459....		BR	FRI
	2100/20/40z	13 Jun	419 1 (2893 161)	51104 26459....		BR	SAT
	2100/20/40z	20 Jun	419 1 (7485 147)	52393 66714....		BR	SAT
	2100/20/40z	26 Jun	419 1 (7485 147)	52393 66714....		BR	FRI

M12	13961/12201/10597kHz	0800/0820/0840z	01 May 2026
925	925	925	1 (R2m) 5891 149 5891 149
38415	15251	01998	65904 23034 67625 36168 47939 18449 44123
49673	99646	18457	64830 57798 63308 11877 19582 05483 99631
06749	02162	04319	01321 64923 76567 47378 17316 42850 23071
33330	02324	88292	66212 62578 97615 86355 68257 24970 36623
48654	31904	45524	29546 47172 79668 76323 45547 97620 41209
15415	40622	91346	42649 38716 36720 91419 02351 15815 96231
14482	00313	96492	61646 96358 89644 81374 89744 59334 63787
76550	61414	57475	79181 47057 39544 60392 75292 98183 62726
59194	65573	41002	51962 29508 71846 93462 18729 79624 46234
91229	75357	07100	36761 46456 75448 73014 41699 27878 44569
89969	50563	93875	69061 62247 20474 51213 44282 61632 90079
21031	25560	68679	13316 80499 25133 42424 44486 29193 93798
42899	64669	97602	58567 33182 03940 14542 21034 87837 74599
96228	22088	97229	51666 19807 47828 68667 74077 52536 49638
79963	60774	11419	99302 71728 81035 94862 68527 71498
000	000		000

M12	11564/10487/9319kHz	1900/20/40z	21 May 2026
258	258	258	1 (R2m) 7490 263 7490 263
48078	04916	89806	81060 56519 01481 95690 40245 14500 74250
91884	96792	54026	48168 53168 87820 47504 03654 79801 55245
39634	57781	32857	29100 23916 28395 81414 22245 99478 69073
61893	19760	96933	31765 32314 31010 20528 44403 66420 55027
74171	02097	76923	32582 30047 28986 44278 58137 03907 17724
87626	11903	24098	62737 87732 90295 72058 60705 57143 28124
20066	73444	40766	45425 11356 72123 99857 22261 15854 22158
67292	03100	37233	24774 81072 37537 80856 00274 99052 94929
84115	23276	18337	81753 81446 49989 95661 34195 44032 42018
58950	59821	87259	38296 34961 00726 61330 31497 20225 57922
29127	22017	42283	81748 50430 84525 74669 99323 81663 50194
09437	71783	61652	62212 44007 96788 55107 59011 63977 62366
76461	65661	78227	73835 63206 07470 15840 98936 89811 70345
76206	49359	80048	41129 65802 62098 80991 36588 31323 96919
75319	96336	52531	93836 32580 87166 98167 25047 94287 38172
45618	02318	67519	57858 81460 63464 43788 68447 18542 42959
68685	75732	09512	01318 73986 60077 91734 20523 96408 81907
15796	18518	27687	67057 87046 80124 13130 84389 41254 76039
09302	90791	04648	51639 34726 73887 81839 22189 59667 02338
18310	12544	18046	88362 28233 99585 86823 51212 19850 72501
95430	77644	28637	12379 22375 27099 74630 00461 70810 01336
50333	59397	27192	42501 33657 77892 71083 57872 66591 00098
78236	69544	60854	94070 63597 03252 00472 39324 38823 87459
93299	61917	64539	68752 80607 31656 62154 92267 29264 07626
99256	81377	51377	58331 52003 58911 85350 75543 54704 50340
28502	28951	84620	19751 94264 25885 16789 34566 48781 19122
26627	35305	61637	000 000

Courtesy Gert

M12	11564/10487/9319kHz	1900/1920/1940z	30 May 2026
258	258	258	1 (R2m) 2435 299 2435 299
16061	66845	20606	03977 19261 45836 80890 93387 80770 04705
63591	58040	27476	72578 78359 01909 08453 48067 89381 16806
96599	99822	66147	19259 42439 06308 94867 23124 73823 84684
49113	23686	75077	85795 03516 63760 19792 10838 97397 78528
40972	08336	17166	83483 44700 81111 81676 43261 77926 37086
05622	05646	03392	34322 02802 16238 00698 01347 61536 12953
50967	57766	19563	96084 55591 39904 82962 41679 69062 14599
82116	97613	50669	10853 75833 88262 82655 82663 74558 61327
24631	51605	45196	36736 79061 43466 20294 40754 82992 87277
63061	18445	49301	84443 27560 83204 88772 21081 27892 04795
98148	39996	74197	63327 54969 08008 54975 92538 58487 14538
33581	18034	26787	00209 88321 99361 12569 82826 17022 12124
19610	42207	58685	81784 51536 63671 48312 66224 83291 92627
99489	61574	54771	69763 63177 84633 77407 81867 81766 71053
88490	27754	82266	68454 53695 45027 91656 49092 96121 28198
70635	05946	04058	15767 85183 55941 81310 92412 11790 91297
59695	88749	09246	65859 15048 72007 63272 57023 37030 03687
21954	30700	01059	45968 23632 91855 59940 90230 28088 06509
72013	99218	70102	55093 21992 93543 57516 39003 84579 07236
03322	84993	70076	90467 11357 99739 18507 16407 53405 81688
81763	34633	12061	92433 06244 39934 04886 58088 82133 93226
96000	91078	64324	05281 19283 60475 18647 54152 43866 21503
14489	24259	72443	29793 00365 36959 60622 10591 34611 23891
73347	43533	36824	46398 24744 37380 87156 77667 48848 82057
88657	99427	46868	91251 11235 12242 20668 64795 71184 50880
81092	64354	72539	31901 67199 57504 62189 82267 92068 69283
79310	94293	23477	68242 19979 52466 54254 17926 80535 81901
73317	40979	05304	61807 32845 15061 77389 81190 18558 88121
16290	95826	39405	83729 42798 08993 70992 04923 79198 67239
75190	04889	85597	79563 02747 94362 75950 78625 71272
000	000		

Courtesy Gert

M12	11564/10487/9319kHz	1900/20/40z	25 June 2026
258	258	258	1 (R2m) 2140 186 2140 286
15681	50111	67581	21720 52087 40565 35484 81587 27915 22538
13006	61187	77362	41524 04146 70410 77737 15654 94029 06947
66672	63830	55706	70496 25203 37174 27390 69715 28026 38357
42092	39298	46255	59135 22834 49537 92940 28930 58059 81140
26979	78718	74244	67319 88933 28282 44167 03525 02397 62154
31760	22122	23458	36953 06728 51849 94404 97083 96516 14913
13175	65768	53561	89557 80445 73707 14932 18227 18689 54608
77469	48806	57593	12888 79967 87953 89585 88385 81562 96919
93005	23865	67317	65871 06597 19969 15839 09302 52406 70983
55132	95855	32413	43146 67965 61209 25157 84686 86873 15225
13350	25940	84834	47788 84683 82952 64527 10569 56984 18774
62263	06019	15521	99595 21906 89309 98449 87688 82959 60475
57867	05630	65820	47704 99475 81613 16393 14446 44922 18757
62796	04899	01512	66336 83569 67065 39029 19528 81186 23644
55440	05270	52316	33631 08720 49112 80334 32816 21240 78655
62759	37467	01726	26397 57357 07720 60118 37129 48312 03070
66558	50081	65646	38226 55977 57363 04506 49183 16026 54839
50279	78921	06501	59315 05034 52597 53312 32188 38984 50362
01279	83575	93205	66265 55997 25328 03172 75113 08979 75848
06946	01900	71215	78116 57084 05359 39622 14090 77653 51355
44606	31150	16790	66399 28376 83836 30965 42410 21363 04760
54407	27930	98144	97949 01790 82982 56874 99379 82227 30648
54191	29391	40204	40176 47893 48378 07705 28384 02230 99673
12974	39222	54533	87627 05755 70127 66784 26806 37889 72159
94362	60761	53750	04218 21441 79015 03755 73264 76325 74100
48484	40242	31861	47005 97163 15214 90945 76613 18506 79996
76131	02581	40180	21688 91785 15185 73395 10516 92193 31662
16197	30068	61490	10067 36285 93429 75639 35985 18734 68876
44623	34440	52057	28128 51189 72730 000 000

Courtesy Gert

M14 IA MCW / ICW Short 0

May 2026:

12211	0500z	26 May	Operator error. Like the wrong FSK-CW channel was chosen. Operator tried several times but no luck.		
10243	0522z	26 May	Starting 2 minutes late, now with good CW. Stopped after 10 seconds. Restarted 0524z – Now all good		
			952 (780 52) = 15136 14760....61500 70720 = 780 52 00000	Gert	TUE

June 2026:

12211	0500z	02 Jun	952 (317 54) = 38868 2907257554 30606 = 317 54 00000	Via SDR Japan	Gert	TUE
	0500z	05 Jun	952 952 952 00000		Gert	FRI
	0500z	08 Jun	952 (173 56) = 66995 56723....		Gert	MON
	0500z	09 Jun	952 (173 56) = 66995 56723....		Gert	TUE
	0500z	12 Jun	No transmission		Gert	FRI
	0500z	15 Jun	952 (706 54) = 65973 91960....73062 04377 = 706 54 00000		Gert	MON
	0500z	16 Jun	952 (706 54) = 65973 91960....73062 04377 = 706 54 00000		Gert	TUE
	0500z	19 Jun	952 00000		Gert	FRI
	0500z	22 Jun	952 (861 54) = 52055 15178....04757 32074 = 861 54 00000		Gert	MON
	0500z	23 Jun	952 (861 54) = 52055 15178....04757 32074 = 861 54 00000		Gert	TUE
	0502z	26 Jun	952 00000	Started 2 minutes late	Gert	FRI
	0500z	29 Jun	952 (673 52) = 86663 84223....24512 90595 = 672 52 00000		Gert	MON
	0500z	30 Jun	952 (673 52) = 86663 84223....24512 90595 = 672 52 00000		Gert	TUE
10243	0520z	02 Jun	952 (317 54) = 38868 2907257554 30606 = 317 54 00000	Via SDR Japan	Gert	TUE
	0520z	08 Jun	952 (173 56) = 66995 56723....		Gert	MON
	0520z	09 Jun	952 (173 56) = 66995 56723....		Gert	TUE
	0520z	12 Jun	No transmission		Gert	FRI
	0520z	15 Jun	952 (706 54) = 65973 91960....73062 04377 = 706 54 00000		Gert	MON
	0520z	16 Jun	952 (706 54) = 65973 91960....73062 04377 = 706 54 00000		Gert	TUE
	0520z	19 Jun	952 00000		Gert	FRI
	0520z	22 Jun	952 (861 54) = 52055 15178....04757 32074 = 861 54 00000		Gert	MON
	0520z	23 Jun	952 (861 54) = 52055 15178....04757 32074 = 861 54 00000		Gert	TUE
	0520z	26 Jun	952 00000	Started 22 seconds late	Gert	FRI
	0520z	29 Jun	Transmitter appeared to be at FSK, only one tone.		Gert	MON
			CW for half a minute, then constant carrier for 15 minutes. No message sent.			
	0520z	30 Jun	952 (673 52) = 86663 84223....24512 90595 = 672 52 00000		Gert	TUE

M14a (2-Message Variant)

12211	0500z	03 Jun	952 (684 27) = 04934 60172....20620 07905 = 684 27 952 (730 28) = 33956 14683....49063 03316 = 730 28 00000	Via SDR Japan	Gert	WED
	0500z	04 Jun	952 (684 27) = 04934 60172....20620 07905 = 684 27 952 (730 28) = 33956 14683....49063 03316 = 720 28 00000	Via SDR Japan	Gert	THU
	0500z	10 Jun	952 (341 11) = 64163 99236....08011 42797 = 341 11 952 (806 40) = 41905 42815....25253 94209 = 730 28 00000	Via SDR Japan	Gert	WED
	0500z	11 Jun	952 (341 11) = 64163 99236....08011 42797 = 341 11 952 (806 40) = 41905 42815....25253 94209 = 730 28 00000	Via SDR Japan	Gert	THU
	0500z	17 Jun	952 (370 31) = 40970 51248.... 952 (481 25) = 06862 18316....		Gert	WED
	0500z	24 Jun	952 (108 35) = 85147 13017....16573 74171 = 108 35 952 (437 21) = 82761 31521....24813 70106 = 437 21 00000	Via SDR Japan	Gert	WED
	0500z	25 Jun	952 (108 35) = 85147 13017....16573 74171 = 108 35 952 (437 21) = 82761 31521....24813 70106 = 437 21 00000 Starting in FSK mode at 0500z. After 2 min operator noticed error. (See transcript)	Via SDR Japan	Gert	THU
10243	0520z	03 Jun	952 (684 27) = 04934 60172....20620 07905 = 684 27 952 (730 28) = 33956 14683....49063 03316 = 730 28 00000	Via SDR Japan	Gert Gert	WED WED
	0520z	04 Jun	952 (684 27) = 04934 60172....20620 07905 = 684 27 952 (730 28) = 33956 14683....49063 03316 = 720 28 00000	Via SDR Japan	Gert Gert	THU THU
	0520z	10 Jun	952 (341 11) = 64163 99236....08011 42797 = 341 11 952 (806 40) = 41905 42815....25253 94209 = 730 28 00000	Via SDR Japan	Gert Gert	WED WED
	0520z	11 Jun	952 (341 11) = 64163 99236....08011 42797 = 341 11 952 (806 40) = 41905 42815....25253 94209 = 730 28 00000	Via SDR Japan	Gert Gert	THU THU
	0520z	24 Jun	952 (108 35) = 85147 13017....16573 74171 = 108 35 952 (437 21) = 82761 31521....24813 70106 = 437 21 00000	Via SDR Japan	Gert	WED
	0520z	25 Jun	952 (108 35) = 85147 13017....16573 74171 = 108 35 952 (437 21) = 82761 31521....24813 70106 = 437 21 00000 With numerous errors (See transcript)	Via SDR Japan	Gert	THU

Many thanks to Gert for providing some excellent M14 logs over this period

M14 10243kHz 0524z 26 May 2026

952 952 952 (R1m) 780 780 52 52 BT BT

15136 14760 67376 59694 76286 03322 29204 88845 46606 00287
53649 73117 98021 06764 28642 39150 73669 63119 54434 55269
25513 55813 71499 39738 99325 61040 72513 89404 21714 98635
65604 64712 68892 94661 81062 91985 21874 76130 38690 68943
37778 46290 17986 84367 91938 13918 98351 87874 70501 75046
61500 70720 BT BT

780 780 52 52 00000

Courtesy Gert

M14 12211/10243kHz 0500/0520z 02 June 2026

952 952 952 (R4m) 317 317 54 54 ==

38868 29072 31012 57333 07237 49131 50024 84163 91148 72099
54848 22948 82112 30786 60870 82325 56895 51870 90727 96654
68116 77629 26673 06570 40801 17441 11862 84173 92076 15016
30255 51289 16196 42288 19818 64223 02092 55902 98710 63467
75626 77239 09158 11774 83742 81906 08674 69054 62696 09651
63343 77529 57554 30606 ==

317 317 54 54 00000

Courtesy Gert

M14a 12211/10243kHz 0500z/0520z 03 June 2026

952 952 952 (R4m) 684 684 27 27 ==

04934 60172 30252 21707 67279 76791 58424 90963 70692 55205
35643 94905 40094 52898 88765 39961 43331 62699 24879 51281
29774 24492 83611 03060 25640 20620 07905 ==

684 684 27 27

[Short pause]

952 952 952 (R1m) 730 730 28 28 ==

33956 14683 46949 86638 77756 26230 05599 75351 53244 36231
83154 24626 25747 22667 01244 76169 46654 31711 11901 70981
00134 55090 03123 70904 79647 56368 49063 03316 ==

730 730 28 28 00000

Courtesy Gert

M14a 12211/10243kHz 0500/0520z 10 June 2026

952 952 952 (R4) 341 341 11 11 ==

64163 99236 97446 53416 36402 84723 06794 11973 99507 08011
42797 ==

341 341 11 11

[Short pause]

952 [17 times] 806 806 40 40 ==

41905 42815 45376 46684 13038 55453 03477 62040 65578 54250
64578 36219 45351 25153 17459 83396 49685 62003 42350 34779
59876 72618 60049 77923 06559 49413 03791 09835 03934 84257
12304 96017 13771 32271 67505 52668 25143 54220 25253 94209
==

806 806 40 40 00000

Courtesy Gert

M14a 12211/10243kHz 0500z/0520z 24 June 2026

952 952 952 (R4m) 108 108 35 35 ==

85147 13017 65246 84978 72398 57392 67486 96715 27404 82295
 82670 32535 38706 63408 29134 58697 85535 11518 08931 01078
 50263 78491 56461 82044 71564 66859 05165 50766 49248 97711
 45719 52501 36682 16573 74171 ==

108 108 35 35

[Short pause]

952 952 952 (R1m) 437 437 21 21 ==

82761 31521 71599 44267 48188 91829 60817 37596 95463 53513
 06608 07611 21849 21990 06648 70605 23350 24926 12426 24813
 70106 ==

437 437 21 21 00000

Courtesy Gert

M14a 12211/10243kHz 0500/0520z 25 June 2026

Starting in FSK mode at 0500z. After 2 min operator noticed error.

[Short pause]

Now in CW:
 952 952 952 (R2m) 108 108 35 35 ==

[Transmission continued without further problems]

At 0522z 10243kHz (2 min late)

g52 952 952 952 952 g 1 [Long pause till 05.11z:]

108 952 952 952 ee 108 108 35 35 ==

85147 85147 13017 13017 6 952 e [Pause]

1 95 [Pause] 108

952 952 952 952 952 952 952 952 952 952 952 952 955 e
 952 952 952

437 437 21 21 ==

82761 82761 31521 31521 7j
 71599 44267 48188 91829 60817 37596 95463 53513 06608 07611
 21849 21990 06648 70605 23350 24926 12426 24813 70106 ==
 437 437 21 21 00000

Courtesy Gert

M23 O ICW

No reports

Morse Stations - Not Number Related

M51 XIX

No reports – M51b format in use

M51a (FAV22) Daily schedules Mon – Fri also Sat & Sun. See NL 72 for details

3881//6825

1131 - 1202z	02 Jun	Mardi-Leçon	02-2/1 Codé	02-2/2 Clair,	02-2/3 Codé,	02-2/4 Clair (600 grps/hr)	BR	TUE
1131 - 1157z	28 May	Jeudi- Leçon	24-2/1 Codé,	24-2/2 Clair,	24-2/3 Codé,	24-2/4 Clair (840 grps/hr)	BR	THU
1131 - 1205z	04 Jun	Vendredi- Leçon	05-2/1 Codé,	05-2/2 Clair,	05-2/3 Codé,	05-2/4 Clair (960 grps/hr)	BR	FRI

M51b Non-stop 5-character groups composed of M51a messages on 3881//6825kHz

No reports

M89 O

This is a summary of activity from the M89 stations.

Traffic & Operator Chat from M89

Traffic & Op. chat reported on the following freqs. (All in kHz). Bold type indicates repeated use of freq.

3059	4001	5103	6042	7070	8014	9130	10552	11132
3245	4110	5107	6208	7122	8041	9198	10764	11350
3375	4125	5139	6210	7133	8044	9345		
3417	4220	5148	6232	7201	8045	9913		
3654	4300	5192	6262	7214	8061	9990		13448
3662	4305	5207	6345	7253	8065			
3685	4316	5217	6352	7357	8106			
	4352	5233	6354	7370	8117			
	4388	5251	6352	7389	8153			
	4428	5258	6356	7459	8161			
	4443	5272	6425	7489	8167			
	4444	5274	6430	7491	8207			
	4463	5278	6454	7496	8218			
	4477	5291	6516	7502	8306			
	4478	5332	6554	7528	8358			
	4479	5332.5	6561	7541	8373			

4497	5343	6565	7627	8450
4535	5423	6618	7641	8473
4536	5433	6620	7687	8513
4545	5454	6622	7718	8539
4567	5479	6636	7745	8555
4619	5498	6655	7783	8575
4652	5500	6686	7786	8618
4660	5522	6711	7821	8695
4676	5545	6721	7878	8774
4681	5555	6745	7885	
4683	5560	6751	7905	
4686	5566	6766	7965	
4725	5586	6774		
4733	5600	6785		
4753	5617	6790		
4773	5640	6801		
4785	5643	6813		
4799	5647	6834		
4811	5648	6835		
4817	5663	6852		
4826	5665	6865		
4862	5670	6879		
4867	5710	6949		
4906	5716	6977		
4912	5725	6996		
4929	5739			
4931	5763			
4936	5774			
4943	5801			
	5820			
	5837			
	5897			
	5900			

New Scheds for May / Jun 2026:

From logs submitted from JPL

6881	New Frequency for this Round Slip	First heard 09 May	TG1Y (x3) DE X9FW (x2)
6881//13362	New // for this Round Slip	First heard 15 May	TG1Y (x3) DE X9FW (x2)
6881//9251//13362	New // for this Round Slip	First heard 17 May	TG1Y (x3) DE X9FW (x2)
4000 (With // freqs)	New Frequency for this Round Slip	First heard 14 May	TG1Y (x3) DE X9FW (x2)
8290	New Frequency for this Round Slip	First heard 11 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K
5612	New Frequency for this Round Slip	First heard 09 June	Y3JI DE N6WX (Repeated)
9544	New frequency for this Round Slip	First heard 20 June	Y3JI DE N6WX (Repeated)

The following transmissions have appeared since the beginning of November 2025 sending, what would appear to be a test Round Slip, moving from one frequency to the next.

4911.5	New frequency for this Round Slip	Firs heard 15 May ABCDEFGHIJKLMNPOQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd)	
8465.5	New frequency for this Round Slip	First heard 17 May ABCDEFGHIJKLMNPOQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd)	
3786.5	New frequency for this Round Slip	First heard 09 June ABCDEFGHIJKLMNPOQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd)	
5168.5	New frequency for this Round Slip	First heard 13 June ABCDEFGHIJKLMNPOQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd)	
6865 //9251//13362	New frequency for this Round Slip	First heard 15 June	TG1Y (x3) DE X9FW (x2)
6880.67 //9251//13362	New frequency for this Round Slip	First heard 21 June	TG1Y (x3) DE X9FW (x2)

Freq in KHz	Call Slip
3611// 4000 //4522//5419	TG1Y (x3) DE X9FW (x2)
3611//4522	V TG1Y (x3) DE X9FW (x2)
3611//4522//5419	V TG1Y (x3) DE X9FW (x2)
3611//4522//5419//6881//9251//13362	TG1Y (x3) DE X9FW (x2)
3611//4522//5419//9251//13362	TG1Y (x3) DE X9FW (x2)
4860// 6840	V Q2M (x3) DE NYZ (x2)
5107	V N3DT (x3) DE LZHI (x2)
5419	V TG1Y (x3) DE X9FW (x2)
5419//9251//13362	TG1Y (x3) DE X9FW (x2)
5612	Y3JI DE N6WX M89 (Repeated)
5672	Y3JI DE N6WX (Repeated)

Freq in kHz	Call Slip
6840	VVV (x3) Q2M (x3) DE NYZ (x2)
6840// 8290 V Q2M (x3) DE NYZ (x2)	
6865 //9251//13362	TG1Y (x3) DE X9FW (x2)
6880.67 //9251//13362	TG1Y (x3) DE X9FW (x2)
6881	TG1Y (x3) DE X9FW (x2)
6881//13362	TG1Y (x3) DE X9FW (x2)
6881//9251//13362	TG1Y (x3) DE X9FW (x2)
7620	VVV WNF (x3) DE FXM (x2)
7133	V N3DT (x3) DE LZHI (x2)
8290	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K
9251	TG1Y (x3) DE X9FW (x2)
9251//13362	TG1Y (x3) DE X9FW (x2)
9544	Y3JI DE N6WX (Repeated)

Courtesy JPL

Logs:

Note: The EEE before Msg NR actually the barred letter E in morse /./.. I believe this denotes a high priority message, ie Flash msg.

3059	(In tfc)	1205z	18 May	RMKS 5002 TO 5012 BT	(Remote tuner Japan)	JPL	MON
3611// 4000 //4522//5419		1157z	14 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
3611//4522		1845z	10 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner South Korea)	JPL	SUN
		1458z	03 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1125z	19 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1037z	20 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
3611//4522//5419		1226z	01 May	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1127z	05 May	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1113z	06 May	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1513z	09 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1512z	11 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1200z	15 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1150z	17 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1051z	19 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1555z	21 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1208z	26 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1808z	27 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1526z	01 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1554z	04 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1116z	08 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1611z	11 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1557z	12 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1218z	14 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Taiwan)	JPL	SAT
		1242z	15 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1450z	16 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1200z	21 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1519z	23 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1554z	24 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
3611//4522//5419//6881//9251//13362		1011z	08 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
3611//4522//5419//9251//13362		1105z	22 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1127z	28 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1059z	02 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1121z	05 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1049z	07 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1114z	13 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1120z	22 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON

3786.5	(in tfc)	1548z	09 Jun	ABCDEFHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) Note: New frequency. Very strong.	(Remote tuner Japan)	JPL	TUE
4443	(In tfc)	1208z	05 May	Into tfc - DE 9ZZQ OZ9B YX9Q BYZ9 XIA3 IX8Y RO3J BT B24/KJQ3 AR	(Remote tuner Japan)	JPL	TUE
	(In tfc)	1238z	08 May	FF NR 285/EX 0038 RMKS 3579 TO 3598 BT C36A/Q2 AR (x3) FFF NR 285/EX 0039 RMKS 3598 TO 3579 BT C36A/Q2 AR (x3)	(Remote tuner Japan)	JPL	FRI
4477	(In tfc)	1525z	23 Jun	F F NR 404/EX 0013 RMKS 7615 TO 7689 BT R6L0/Y2K7 AR	(Remote tuner Japan)	JPL	TUE
4478	(in tfc)	1328z	09 Jun	SVC 057/XZ37/1784/29/77/22/X037A/COMM/1203 AR (x2)	(Remote tuner Japan)	JPL	TUE
4526	(In tfc)	1518z	26 May	RMKS 3572 TO 3588 BT	(Remote tuner Japan)	JPL	TUE
4683	(In tfc)	1510z	16 Jun	NR 2001 99 34 0616 2310 1514 BT Note: Only sent NR. No CK sent. Sending five number groups without cut numbers. Other stn on this freq.	(Remote tuner Taiwan)	JPL	TUE
4686	(In tfc)	1632z	10 Jun	NR 1. CK 91 2. 0611 0005 RMKS 3153 TO 3444 BT	(Remote tuner Japan)	JPL	WED
4725	CUWS	1630z	21 Jun	In tfc - DE CUWS - working outstations	(Remote tuner Japan)	JPL	SUN
4753	(In tfc)	1816z	27 May	NR CK 61 33 0528 0150 RMKS 5032298 TO 5032292 BT	(Remote tuner Japan)	JPL	WED
4773	(In tfc)	1744z	15 May	In tfc - CY4L DE 7HKE	(Remote tuner Japan)	JPL	FRI
4817	(In tfc)	1230z	18 May	FFF NR 006/EX 2028 RMKS 2571 TO 2554 BT BJM4/Y5EZ AR	(Remote tuner Japan)	JPL	MON
4860//6840		1120z	01 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1220z	01 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1720z	01 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1120z	06 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
		1720z	08 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1220z	10 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	SUN
		1320z	10 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Vietnam)	JPL	SUN
		1035z	11 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1635z	14 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1120z	15 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1120z	17 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1120z	18 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1220z	18 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1120z	21 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1620z	21 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1120z	22 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1820z	27 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
		1520z	28 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1520z	01 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1820z	05 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1120z	07 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1920z	08 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1120z	12 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1620z	12 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1120z	13 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1520z	13 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1120z	14 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	SUN
		1520z	14 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	SUN
		1120z	15 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1620z	15 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1120z	19 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1835z	20 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1635z	21 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1220z	22 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1620z	24 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
4906	(In tfc)	1221z	28 May	F NR 5943/EX 2020 RMKS 0028 TO 0029 BT UP3/WRJ AR (x3)	(Remote tuner Japan)	JPL	THU
4911.5	(In tfc)	1748z	15 May	ABCDEFHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) (Remote tuner Japan)	(Remote tuner Japan)	JPL	FRI
	(In tfc)	1126z	18 May	ABCDEFHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) (Remote tuner Japan)	(Remote tuner Japan)	JPL	MON
	(In tfc)	1226z	26 May	ABCDEFHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) (Remote tuner Japan)	(Remote tuner Japan)	JPL	TUE
	(In tfc)	1738z	01 Jun	ABCDEFHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) (Remote tuner Japan)	(Remote tuner Japan)	JPL	TUE
	(In tfc)	1756z	05 Jun	ABCDEFHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) (Remote tuner Japan)	(Remote tuner Japan)	JPL	FRI

4912	(In tfc)	1626z	22 Jun	F NR 0298/EX 0026 RMKS 4791 TO 9806 BT AO/JJ AR F NR 5541/EX 0029 RMKS 9806 TO 4791 BT A2D3/Y5 AR	(Remote tuner Japan)	JPL	MON
5107		2212z	05 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	TUE
		1612z	08 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	FRI
		1515z	09 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	SAT
		1622z	14 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	THU
		1603z	21 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	THU
		1212z	22 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	FRI
		1128z	26 May	V N3DT (x3) DE LZHI (x2) 80240/9854/2015/208//3570 AR	(Remote tuner Japan)	JPL	TUE
		1829z	27 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	WED
		1151z	28 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	THU
		1529z	01 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	MON
		1533z	02 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	TUE
		1457z	03 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	WED
		1618z	11 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	THU
		1600z	12 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	FRI
		1236z	13 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	SAT
		1525z	14 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Taiwan)	JPL	SUN
		1119z	15 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	MON
		1625z	21 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	SUN
		1517z	23 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	TUE
	(In tfc)	1532z	23 Jun	In tfc - N3DT DE LZHI	(Remote tuner Japan)	JPL	TUE
5168.5	(In tfc)	1519z	13 Jun	ABCDEFGHIJKLMNPOQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) (Remote tuner Japan)		JPL	SAT
	(In tfc)	1129z	19 Jun	ABCDEFGHIJKLMNPOQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) (Remote tuner Japan)		JPL	FRI
	(In tfc)	1535z	23 Jun	ABCDEFGHIJKLMNPOQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd) (Remote tuner Japan)		JPL	TUE
5192	(In tfc)	1623z	11 Jun	In tfc - RMKS 4121 TO 4178 BT (Remote tuner Japan)		JPL	THU
5217	(In tfc)	1226z	28 May	NR 131 CK 51 55 0528 201. RMKS 3531 TO 5375 K (Remote tuner Japan)		JPL	THU
5251	0NRB	1045z	16 Jun	In Tfc - DE 0NRB working outstations NR 0850/EX 1843 RMKS CQ BT 69A/... AR (Remote tuner Taiwan)		JPL	TUE
5332.5	3GJ9	1204z	14 Jun	1UZS DE 3GJ9 (Remote tuner Taiwan)		JPL	SUN
5419		1832z	10 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner South Taiwan)	JPL	SUN
		1845z	10 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner South Korea)	JPL	SUN
		1458z	03 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
5419//9251//13362		2211z	05 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1042z	19 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
5545	(In tfc)	1214z	14 May	NR 2241 CK 71 97 0514 2010 RMKS BT 3095 TO 3078 AR (Remote tuner Japan)		JPL	THU
	(In tfc)	1107z	19 Jun	RMKS 1908 TO 1974 K (Remote tuner Japan)		JPL	FRI
5555	(In tfc)	1530z	26 May	NR 1001/EX 2200 BT QJW2/E3R4 AR (x3) SK SK (Remote tuner Japan)		JPL	TUE
	(In tfc)	1526z	14 Jun	SVC F9QT/263/2308 K (Remote tuner Taiwan)		JPL	SUN
5566	(In tfc)	1020z	03 Jun	F NR 38752/EX 1702 BT L2/NY5K7 AR (Very weak) (Remote tuner Japan)		JPL	WED
5600	(In tfc)	1127z	05 Jun	Note: Sending groups of 5 cut numbers. Rarely seen - normally groups of 4 cut numbers. (Remote tuner Japan)		JPL	FRI
5612		1610z	09 Jun	Y3JI DE N6WX M89 (Repeated) Note: New frequency. Very strong. (Remote tuner Japan)		JPL	TUE
5663	(In tfc)	1527z	02 Jun	F NR 009/EX 0102 RMKS 6784 TO 6750 BT LQR/..1N AR (Poor copy) NR 022 CK 61 48 0603 0100 RMKS 6884 TO 6750 BT (Remote tuner Japan)		JPL	TUE
5672		1844z	09 May	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	SAT
		1253z	10 May	Y3JI DE N6WX (Repeated)	(Remote tuner Vietnam)	JPL	SUN
5725	(In tfc)	1219z	02 Jun	F NR 6018/EX 2017 RMKS 1152 TO 1157 BT DV3/LT1 AR (x3) (Remote tuner Japan)		JPL	TUE
5774	(In tfc)	1041z	12 Jun	NR 5012 CK 91 97 0612 1800 RMKS 0831 TO 3311 K (Both stations on this frequency) (Remote tuner Japan)		JPL	FRI
5837	(In tfc)	1529z	14 Jun	In tfc - DE 7AZ2 QSA 3 SK (Remote tuner Taiwan)		JPL	SUN
5900	(In tfc)	1105z	15 Jun	F NR 0183/EX 1236 RMKS 9621 TO 9633 BT (Stopped) (Remote tuner Japan)		JPL	MON
6354		1035z	01 May	In tfc - DE XQK6 - Working outstations F NR 0210/EX 1855 RMKS CQ BT Q7H/YJ AR VVV (Remote tuner Japan)		JPL	FRI
6356	(In tfc)	1200z	22 Jun	F F F NR 1407/EX 2000 BT A6S1/E3A0 AR QSY 08 QSY 08 VVV (Remote tuner Japan)		JPL	MON
6425	(In tfc)	1125z	14 Jun	UD7X DE IRN1 NR 694 CK 91 20 0614 0920 RMKS 7744 TO 8040 K (Remote tuner Taiwan)		JPL	SUN

6454	(In tfc)	1233z	15 Jun	NR .415 CK 49 20 0615 2030 RMKS 5410 TO 5411 K	(Remote tuner Japan)	JPL	MON
6565	(In tfc)	1105z	13 Jun	NR 6543 CK 99 46 0613 1830 RMKS CQ BT	(Remote tuner Japan)	JPL	SAT
	(In tfc)	1205z	22 Jun	NR ...9 CK 9. 53 0623 0000 RMKS 6205 TO 6242 BT	(Remote tuner Japan)	JPL	MON
6620	(In tfc)	1619z	21 May	NR 123/CCK CK 51 37 0522 0015 5180 TO 5123 5734 4578 5562 BT	(Remote tuner Japan)	JPL	THU
6711	(In tfc)	1111z	02 Jun	- QSL LSB - Into V26	(Remote tuner Japan)	JPL	TUE
6721	(In tfc)	1225z	21 Jun	FFF NR 903/EX 1930 RMKS 7833 TO 7821 BT Y8Z3/K5R4 AR	(Remote tuner Japan)	JPL	SUN
6813	(In tfc)	1048z	12 Jun	NR 02 CK 121 35 0612 1418 RMKS .178 TO 7526 K	(Remote tuner Japan)	JPL	FRI
	(In tfc)	1158z	12 Jun	(Both stations on this frequency) NR 022 CK 121 35 0612 1955 RMKS 6178 TO 6447 BT	(Remote tuner Japan)	JPL	FRI
				(Both stations on this frequency)			
6835	(In tfc)	0927z	20 Jun	SVC 3953/1720/1576963/1720/157	(Remote tuner Japan)	JPL	SAT
6840		1020z	01 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		2220z	05 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1020z	09 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
6840//8290		1020z	15 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1020z	17 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1020z	04 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1020z	10 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
		1020z	20 Jun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
6865//9251//13362		0856z	15 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
6880.67//9251//13362		1050z	21 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
				Note: New frequency. Very weak. Also on 6849.3, and 6883.77.			
6881		1045z	09 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
6881//13362		1005z	15 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
6881//9251//13362		1005z	17 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
6949	(In tfc)	1210z	22 Jun	In Tfc - 0000 RMKS CQ 1P BT	(Remote tuner Japan)	JPL	MON
6996	(In tfc)	1128z	22 May	NR 1226/EX 1927 BT C9AJ/KBR8 AR SK SK	(Remote tuner Japan)	JPL	FRI
7133		1006z	01 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	FRI
		0942z	05 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	TUE
		1012z	06 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	WED
	(In tfc)	0830z	09 May	FFFF NR 1248/EX.1510. BT GC5F/T4X1 AR	(Remote tuner Japan)	JPL	SAT
				FFFF NR 0021/EX 1520 BT BHA4/DCZ AR			
	(In tfc)	1010z	15 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	FRI
	(In tfc)	1009z	17 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	SUN
		1007z	19 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	TUE
		1034z	21 May	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	THU
		1024z	04 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	THU
		1051z	07 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	SUN
		1045z	08 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	MON
		1116z	13 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	SAT
		1154z	14 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Taiwan)	JPL	SUN
		1028z	15 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	MON
		0957z	17 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	WED
		1042z	19 Jun	V N3DT (x3) DE LZHI (x2)	(Remote tuner Japan)	JPL	FRI
	(In tfc)	0938z	20 Jun	In tfc - N3DT DE LZHI	(Remote tuner Japan)	JPL	SAT
7253	(In tfc)	1846z	27 May	NR 3112 CK 61 24 0528 0240 RMKS 503298 TO 5032974 BT	(Remote tuner Japan)	JPL	WED
7489	(In tfc)	1643z	21 Jun	In tfc - QSL NR 0049 SK	(Remote tuner Japan)	JPL	SUN
7496	(In tfc)	1214z	14 May	In tfc - RMKS 4021782 TO 4021780 BT (Possibly other end of 7459)	(Remote tuner Japan)	JPL	THU
7502	(In tfc)	1610z	12 Jun	NR 3185 CK 51 11 0613 0000 RMKS 8343 TO 5209 BT	(Remote tuner Japan)	JPL	FRI
7541	(In tfc)	1227z	14 May	NR 128 CK 91 05 0514 2000 RMKS BT 8155 TO 8099 AR K	(Remote tuner Japan)	JPL	THU
7620		1030z	05 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1130z	05 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1130z	07 Jun	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1130z	12 Jun	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1130z	14 Jun	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	SUN
		1130z	15 Jun	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON

7620//8350	1130z	01 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI	
	1230z	10 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	SUN	
	1230z	15 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	FRI	
	1030z	17 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN	
	1130z	17 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN	
	1130z	18 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON	
	1130z	22 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI	
	1030z	26 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE	
	1130z	26 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE	
	1130z	28 May	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU	
	1130z	02 Jun	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE	
	1130z	13 Jun	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT	
7687	(In tfc)	1219z	15 Jun	NR 0498 CK 35 28 0615 2018 RMKS 7443 TO 1714 BT	(Remote tuner Japan)	JPL	MON
7718	(In tfc)	1619z	15 Jun	In Tfc - RMKS 2209 TO 8343 K	(Remote tuner Japan)	JPL	MON
7786	(In tfc)	1051z	15 Jun	F NR 104/EX 151 BT A7Q/W53 AR QSY 15 VVV	(Remote tuner Japan)	JPL	MON
7905	(In tfc)	1853z	27 May	RMKS TO 5032971	(Remote tuner Japan)	JPL	WED
8041	(In tfc)	1231z	14 May	NR 1001 CK 99 40 0514 2013 RMKS 244. TO 2444 K	(Remote tuner Japan)	JPL	THU
8065	(In tfc)	1626z	09 Jun	NR 3490 CK 99 27 0610 0000 RMKS 4121 TO 4178 BT	(Remote tuner Japan)	JPL	TUE
8161	9XKL	1037z	08 Jun	In tfc - DE 9XKL working outstations	(Remote tuner Japan)	JPL	MON
8207	(In tfc)	1032z	08 Jun	SVC 157/37 /24/39/22/X03Z/COMM/1204 AR (Very fast and weak)	(Remote tuner Japan)	JPL	MON
8218	(In tfc)	1147z	13 Jun	SVC 9099/1938/1328	(Remote tuner Japan)	JPL	SAT
8290		1035z	11 May	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
8306	(In tfc)	1049z	05 May	F NR 1939/EX 1848 RMKS CQ BT HDA0/EZ AR NR 1940 CK 99 93 0505 1830 RMKS CQ BT	(Remote tuner Japan)	JPL	TUE
8373	(In tfc)	1130z	09 May	NR 047 CK 100 .2 0509 1915 RMKS .6CP TO BM3E BT	(Remote tuner Japan)	JPL	SAT
8465.5	(In tfc)	1029z	17 May	ABCDEFGHIJKLMNPOQRSTUVWXYZ TAU34567DN III AS VA M (Cont'd)	(Remote tuner Japan)	JPL	SUN
8473	(In tfc)	1635z	19 Jun	F NR 173/EX 0054 RMKS 4158 TO 4958 BT ABC1/DU2 AR K F NR 173/EX 0055 RMKS 4958 TO 4158 BT ABC1/DU2 AR K NR 768 CK 79 69 0620 0050 RMKS 4158 TO 4958 BT NR 154 CK 79 69 0620 0102 RMKS 4958 TO 4158 BT F NR 769/EX 0110 RMKS 4158 TO 4950 BT ABC1/DEF2 ARK F NR 154/EX 0110 RMKS 4959 TO 4158 BT ABC1/DE2 AR K NR 770 CK 79 69 0620 0100 RMKS 4158 TO 4959 BT NR 154 CK 79 69 0620 0100 RMKS 4850 TO 4158 BT	(Remote tuner Japan)	JPL	FRI
	(In tfc)	1219z	22 Jun	NR 87. CK 79 68 0622 2010 RMKS 4.58 TO 5945 BT (Very weak) NR 1.6 CK .9 59 0622 01. RMKS 4844 TO 4157 BT	(Remote tuner Japan)	JPL	MON
8539	(In tfc)	1628z	15 Jun	In tfc - RMKS 2209 TO 8343 K	(Remote tuner Japan)	JPL	MON
8555	(In tfc)	1044z	05 May	FFF NR 0001/EX 0800 BT ZBL1/K0C9 AR (X3) QSY 61 QSY 61 VVV	(Remote tuner Japan)	JPL	TUE
8618	(In tfc)	1035z	15 May	In tfc - Outstations to Control	(Remote tuner Japan)	JPL	FRI
9198	(In tfc)	0900z	15 Jun	NR 1009 CK 61 24 0615 162. RMKS 0519 TO 0559 K	(Remote tuner Japan)	JPL	MON
9251		1126z	05 May	TG1Y (x3) DE X9FW (x2) Moved to 3611//4522//5419kHz Night freqs	(Remote tuner Japan)	JPL	TUE
		1008z	11 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1018z	04 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1011z	17 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
9251//13362		1011z	01 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		0946z	05 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1010z	09 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1006z	19 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1032z	21 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1025z	26 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1008z	08 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		0950z	20 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		0942z	24 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner South Korea)	JPL	WED
9544		1010z	20 Jun	Y3JI DE N6WX (Repeated) New Freq – Very strong	(Remote tuner Japan)	JPL	SAT
13362		1003z	06 May	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1018z	04 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1011z	17 Jun	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED

M95 / Q26 O**M95 Morse Logs (Bold type indicates new logging)**

3169.50	1204z	01 May	In tfc - OTA - 1205z Q26	(Remote tuner Japan)	JPL	FRI
3182	1110z	17 Mar	Into tfc - OTA - 1110z Q26	(Remote tuner Japan)	JPL	SUN
3183.5	1113z	17 Mar	Into tfc - OTA - 1114z Q26	(Remote tuner Japan)	JPL	SUN
	1116z	17 Mar	Into tfc - OTA - 1117z Q26	(Remote tuner Japan)	JPL	SUN
3185.5//4333.75	1101z	18 Mar	Into tfc - OTA - 1117z Q26	(Remote tuner Japan)	JPL	MON
	1101z	19 Mar	Into tfc - OTA - 1117z Q26	(Remote tuner Japan)	JPL	TUE
3261	1504z	17 May	In tfc M95 NR 1391/CCK CK 91 81 0517 2300 RMKS 1985 TO 1566 K	(Remote tuner Japan)	JPL	SUN
3847 (In tfc)	1322z	05 Jun	NR 0052/CCK CK 151 25 0605 2115 RMKS VFLLC TO CYLL K	(Remote Japan)	JPL	FRI
3850	1519z	11 May	In tfc - OTA - 1524z Q26 MSG NR6396 1809 4592 3416 8899 MSG NR3171 1752 4592 3416 3545 MSG NR0693 1746 4592 1263 8899 ZNN SK Note: All 3 messages start with 4592.	(Remote tuner Japan)	JPL	MON
3903	Call Sign HBDD (x2)	Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz				
	1606z	08 May	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
	1619z	14 May	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	THU
	1525z	02 Jun	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
	1754z	05 Jun	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
	1614z	11 Jun	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	THU
	1636z	15 Jun	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	MON
	1625z	22 Jun	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	MON
3903//6886	Call Sign HBDD	Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz				
	1517z	09 May	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SAT
	1549z	11 May	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	MON
	1730z	15 May	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	FRI
	1455z	17 May	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SUN
	1512z	26 May	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	TUE
	1800z	27 May	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	WED
	1527z	01 Jun	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	MON
	1559z	08 Jun	Into tfc - OTA - 1512z Q26 V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	MON
	1604z	12 Jun	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	FRI
	1512z	13 Jun	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SAT
	1455z	16 Jun	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Taiwan)	JPL	TUE
	1556z	19 Jun	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	FRI
	1515z	23 Jun	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	TUE
4156//6352//9042	1145z	01 May	In Q26 - Into M95 - 1149z NR 02 CK 185 35 0501 1509 BT	(Remote tuner Japan)	JPL	FRI
	1145z	05 May	In Q26 - Into M95 - 1150z NR 052 CK 25 35 0505 1428 BT NR 10 CK 153 35 0505 1540 BT	(Remote tuner Japan)	JPL	TUE
	1144z	08 May	Into Q26 - Into M95 - 1150z NR 058 CK 45 35 0508 1513 BT NR 054 CK 22 35 0508 1658 BT NR 16 CK 178 35 05081724 BT	(Remote tuner Japan)	JPL	FRI
	1141z	09 May	Into M95 - BNGC DE XS30 NR 0368 CK 324 35 0509 1531 BT	(Remote tuner Japan)	JPL	SAT
	1144z	09 May	Into Q26 - Into M95 - 1151z NR 060 CK 35 35 0509 1511 BT NR 18 CK 180 35 0509 1522 BT	(Remote tuner Japan)	JPL	SAT
	1145z	14 May	In Q26 - Into M95 - 1151z NR 14	(Remote tuner Japan)	JPL	SAT
	1144z	15 May	In Q26 - Into M95 - 1148z NR 30 CK 143 35 0515 1520 BT	(Remote tuner Japan)	JPL	FRI
	1142z	17 May	Into Q26 - Into M95 - 1148z NR 34 CK 125 35 0517 1535 BT	(Remote tuner Japan)	JPL	SUN

1143z	18 May	Into Q26 - Into M95 - 1148z NR 078 CK 18 35 0518 1459 BT NR 084 CK 19 35 0518 1512 BT NR 35 CK 152 35 0518 1551 BT	(Remote tuner Japan)	JPL	MON
1142z	21 May	Into Q26 - Into M95 - 1149z NR 084 CK 32 35 0521 1530 BT NR 42 CK 130 35 0521 1536 BT	(Remote tuner Japan)	JPL	THU
1140z	22 May	Into V26 - Into Q26 - 1143z Into M95 - 1149z NR 086 CK 32 35 0522 1459 BT NR 44 CK 160 35 0522 1535 BT	(Remote tuner Japan)	JPL	FRI
1159z	(In tfc)	NR 44 CK 160 35 0522 1535 BT			
1143z	26 May	Into Q26 - Into M95 - 1149z NR 094 CK 37 35 0526 1518 BT NR 52 CK 170 35 0526 1543 BT	(Remote tuner Japan)	JPL	TUE
1143z	28 May	In Q26 - Into M95 - 1149z NR 56 CK 135 35 0528 1520 BT	(Remote tuner Japan)	JPL	THU
1143z	02 Jun	In Q26 - Into M95 - 1149z NR 04. CK .10 35 0602 1515 BT (Very fast)	(Remote tuner Japan)	JPL	TUE
1147z	05 Jun	In Q26 - Into M95 - 1149z NR 10 CK 161 35 0605 1514 BT	(Remote tuner Japan)	JPL	FRI
1147z	07 Jun	In Q26 - Into M95 - 1149z NR 019 CK 45 35 0607 15.. BT	(Remote tuner Japan)	JPL	SUN
1147z	08 Jun	In Q26 - Into M95 - 1149z NR 021 CK 51 35 0608 1528 BT NR 16 CK 178 35 0608 1539 BT	(Remote tuner Japan)	JPL	MON
1144z	12 Jun	In Q26 - Into M95 - 1149z NR 029 CK 42 35 0612 1504 BT NR 24 CK 148 35 0612 1516 BT	(Remote tuner Japan)	JPL	FRI
1140z	13 Jun	In Q26 - Into M95 - 1148z NR 031 CK 40 35 0613 1457 BT NR 26 CK 131 35 0613 1548 BT	(Remote tuner Japan)	JPL	SAT
1144z	14 Jun	Into Q26 - Into M95 - 1148z NR 33 CK 27 35 0614 1450 BT NR 28 CK 128 35 0614 1515 BT	(Remote tuner Taiwan)	JPL	SUN
1142z	15 Jun	Into Q26 - Into M95 - 1148z NR 069 CK 22 35 0615 1428 BT NR 035 CK 29 35 0615 1525 BT NR 30 CK 138 35 0615 1525 BT	(Remote tuner Japan)	JPL	MON
1146z	19 Jun	In Q26 - Into M95 - 1153z NR 043 CK 66 35 0619 1646 BT (Only copied one of the msgs)	(Remote tuner Japan)	JPL	FRI
1143z	21 Jun	In Q26 - Into M95 - 1149z NR 087 CK 15 35 0621 1436 BT NR 027 CK 37 35 0621 1445 BT NR 42 CK 126 35 0621 1521 BT	(Remote tuner Japan)	JPL	SUN
1146z	22 Jun	In Q26 - Into M95 - 1148z NR 049 CK 33 35 0622 1511 BT NR 44 CK 127 35 0622 1544 BT	(Remote tuner Japan)	JPL	MON
1146z	23 Jun	In Q26 - Into M95 - 1150z NR 051 CK 38 35 0623 1447 BT (Very weak. Only copied 1 msg)	(Remote tuner Taiwan)	JPL	TUE
4225//6516//9392	Call Sign XS24				
	0932z				
	0925z	(In tfc)			
	10 Jun	In M95 - OTA 0938z - ZNN SK - BNEC DE XS24	(Remote tuner Japan)	JPL	WED
	17 Jun	In tfc - BNEC DE XS24 NR 4116 CK 194 35 0617 1221	(Remote tuner Taiwan)	JPL	WED
4225//9392	Call Sign XS24	Note: New frequencies & Call Sign Previously XSV70 on 9153 // 4283			
(Into tfc)	2315z	05 May NR 37. CK 102 35 0505 0657 BT	(Remote tuner Japan)	JPL	TUE
4333.50	1104z	In tfc - OTA - 1123z Q26	(Remote tuner Japan)	JPL	FRI
	1104z	In tfc - OTA - 1128z Q26	(Remote tuner Japan)	JPL	FRI
4333.75	Note: New Q26 sked. Unable to find a //.				
	1112z	05 May In tfc - OTA - 1120z Q26 5AV6 5AV6 5AV6 DE Q0C6 Q0C6 QSA 4 BOZ KP	(Remote tuner Japan)	JPL	TUE
	1110z	15 May In tfc - OTA - 1120z Q26	(Remote tuner Japan)	JPL	FRI
	1101z	17 May In tfc - OTA - 1119z Q26	(Remote tuner Japan)	JPL	SUN
	1101z	18 May In tfc - OTA - 1119z Q26	(Remote tuner Japan)	JPL	MON

4525	(in tfc)	1125z	08 Jun	In tfc - OTA - 1131z	Q26	(Remote tuner Japan)	JPL	MON
4525.75	(In tfc) CQEN	1112z 1102z	16 Jun 21 Jun	In tfc - OTA - 1122z In tfc - OTA - 1119z	Q26 Q26	(Remote tuner Japan) (Remote tuner Japan)	JPL JPL	TUE SUN
				YXXYXXYXXY TXWA TXWA TXWA DE CQEN CQEN CQEN QSA 4 BOZ KP / YXXYXXYXXY 8KJ4 8KJ4 8KJ4 DE CQEN CQEN CQEN QSA ? /// YXXYXXYXXY 8KJ4 8KJ4 8KJ4 DE CQEN CQEN CQEN QSA 4 BOZ KP / YXXYXXYXXY 17A2 17A2 17A2 DE CQEN CQEN CQEN QSA ? /// YXXYXXYXXY 17A2 17A2 17A2 DE CQEN CQEN CQEN QSA 4 BOZ KP / YXXYXXYXXY UKI DE CQEN CQEN CQEN X 7KEKI OZ KP / YXXYXXYXXY X0PC X0PC X0PCWJXXYXXYXXY				
4526	(In tfc)	1115z	15 Jun	In Tfc - OTA - 1118z - Very weak	Q26	(Remote tuner Japan)	JPL	MON
4541	(In tfc)	1111z	15 Jun	In tfc - OTA - 1113z Switched to unk Digital mode briefly	Q26	(Remote Japan)	JPL	MON
4541.75	(In tfc)	1601z	04 Jun	In tfc - OTA - 1603z	Q26	(Remote tuner Japan)	JPL	THU
				Note: Since 01 Jun 26, 5394.74, 8001.75, and 12762.75 Q26 skeds are N/H. This could be a new frequency				
4542	Call Sign XS30	1131z	05 May	In Q26 - Into M95 - 1139z - BNGC DE XS30		(Remote tuner Japan)	JPL	TUE
				NR 0360 CK 325 35 0505 1555 BT				
4542//6876	Call Sign XS30	1136z	01 May	In Q26 - Into M95 - 1141z - BNGC DE XS30		(Remote tuner Japan)	JPL	FRI
				NR 03.. CK 422 35 0501 1620 BT (6876 did not go to M95)				
		1135z	08 May	In Q26 - Into M95 - 1139z - BNGC DE XS30		(Remote tuner Japan)	JPL	FRI
				NR 0366 CK 234 35 0508 1644 BT				
		1141z	08 May	Into M95 - BNGC DE XS30		(Remote tuner Japan)	JPL	SAT
				NR 0368 CK 324 35 0509 1531 BT				
		1137z	14 May	In Q26 - Into M95 - 1143z BNGC DE XS30		(Remote tuner Japan)	JPL	THU
				NR 0378 CK 418 35 0514 1559 BT				
		1131z	15 May	In Q26 - Into M95 - 1141z BNGC DE XS30		(Remote tuner Japan)	JPL	FRI
				NR 0380 CK 388 35 0515 1610 BT				
		1131z	17 May	Into Q26 - Into M95 - 1139z BNGC DE XS30		(Remote tuner Japan)	JPL	SUN
				NR 0384 CK 200 35 0517 1605 BT				
		1132z	18 May	Into Q26 - Into M95 - 1139z BNGC DE XS30		(Remote tuner Japan)	JPL	MON
				NR 03.6 CK 2.8 35 0518 BT (Poor copy today)				
		1131z	21 May	In Q26 - Into M95 - 1138z BNGC DE XS30		(Remote tuner Japan)	JPL	THU
				NR - Too poor to copy msg.				
		1134z	22 May	In Q26 - Into M95 - 1137z BNGC DE XS30		(Remote tuner Japan)	JPL	FRI
				NR 03.. (Poor copy today)				
		1131z	26 May	In Q26 - Into M95 - 1140z		(Remote tuner Japan)	JPL	TUE
				Note: Didn't copy msg.				
		1130z	28 May	Into V26 - Into Q26 - 1132z - Into M95 - 1140z		(Remote tuner Japan)	JPL	THU
				NR 0406 CK 293 35 0528 1604 BT				
		1131z	02 Jun	Into V26 - Into Q26 - 1131z - Into M95 - 1142z BNGC DE XS30		(Remote Japan)	JPL	TUE
				NR 0417 CK 377 35 0602 1624 BT				
		1131z	05 Jun	In Q26 - Into M95 - 1144z BNGC DE XS30		(Remote tuner Japan)	JPL	FRI
				NR 0429 CK 043 35 0605 1153 BT (2 messages sent, but only copied one)				
		1133z	07 Jun	Into Q26 - Into M95 - 1145z BNGC DE XS30		(Remote tuner Japan)	JPL	SUN
		1133z	08 Jun	In Q26 - Into M95 - 1142z BNGC DE XS30		(Remote tuner Japan)	JPL	MON
				NR 0437 CK 408 35 0608 1532 BT				
		1131z	12 Jun	In Q26 - Into M95 - 1142z BNGC DE XS30		(Remote tuner Japan)	JPL	FRI
				NR 0447 CK 385 35 0612 1644 BT				
		1133z	13 Jun	In Q26 - Into M95 - 1138z - BNGC DE XS30		(Remote tuner Japan)	JPL	SAT
				NR 0449 CK 266 35 0613 1601 BT				

	1133z		14 Jun	In Q26 - Into M95 - 1138z - BNGC DE XS30 NR 0451 CK 147 35 0614 1612 BT (Horrible CW op)	(Remote tuner Taiwan)	JPL	SUN
	1133z		15 Jun	In Q26 - Into M95 - 1138z - BNGC DE XS30 Note: Missed msg nr.	(Remote tuner Japan)	JPL	MON
	1133z		19 Jun	In Q26 - Into M95 - 1136z - BNGC DE XS30 NR 0461 CK 175 35 0619 1533 BT	(Remote tuner Japan)	JPL	FRI
	1132z		21 Jun	In Q26 - Into M95 - 1140z - BNGC DE XS30 NR 0465 CK 244 35 0621 1703 BK	(Remote tuner Japan)	JPL	SUN
	1132z		22 Jun	Into Q26 - Into M95 - 1141z - BNGC DE XS30 NR 0468 CK 431 35 0622 1556 BT	(Remote tuner Japan)	JPL	MON
	1132z		23 Jun	In Q26 - Into M95 - 1140z - BNGC DE XS30 Note: Lost the SDR. A second Q26 TX came up on 6875. Unable to copy M95 msg.	(Remote tuner Taiwan)	JPL	TUE
4769	(In tfc)	1247z	14 May	NR 278/CCK CK 91 34 0514 1855 RMKS 058 TO 0909 K	(Remote tuner Japan)	JPL	THU
4794	(In tfc)	1218z	28 May	NR 1505/CCK CK 91 84 0528 1930 RMKS 1353 TO 1023 BT	(Remote tuner Japan)	JPL	THU
4960	(In tfc)	1158z	06 May	NR 256/CCK CK 69 33 0506 1954 RMKS 7133 TO 7152 BT	(Remote tuner Japan)	JPL	WED
5134.50	SD7X	1220z	05 May	In tfc - OTA - 1224z Q26 HQHG HQHG HQHG DE SD7X SD7X SD7X YXYXYXYXYXY HR MSG GA 255=CCK 193 24 0505 2015 EYPM---M2PP 2789 1950 7023 5980 3620 0684 1683 7427 0000 0000 8534 9084 4898 8725 4992 7900 9846 8272 6961 6528 0184 5982 0108 9962 5726 2575 3580 3982 2437 4315 8933 7895 9662 5057 7076 5744 6817 4137 2730 7501 2614 5204 2183 6834 7372 0506 4675 9253 6835 3684 2813 1953 1442 1082 0759 1323 2314 2007 9548 9841 4861 2643 9149 0861 8737 7606 0613 9368 2161 3036 2095 2715 0204 9761 0740 3498 5180 2603 6448 4530 7825 5131 4286 0176 4309 5149 6126 9716 9749 8134 6779 1955 4364 0981 2717 1551 4369 7552 6576 2995-1 5383 0910 5850 1784 1394 0240 1688 3877 0000 0000 0820 3380 7842 7072 8264 4175 8549 2451 5316 9196 0925 2697 5204 3533 8749 1040 7504 2283 6976 6347 1556 6389 4358 4963 8332 6225 9709 4219 9609 1820 3036 3114 2719 4805 4680 8691 6252 0460 4724 9573 2526 0512 7614 8279 4530 7584 9291 1394 7336 1735 6946 8414 2581 6344 9585 6013 5634 0062 0948 8595 2147 2954 7388 5650 2489 1213 7991 2039 6797 1210 8716 3480 5606 0573 1924 1327 8750 6761 0902 8652 7396 8989 8115 QSL?QSL?QSL?QSL?	(Remote tuner Japan)	JPL	TUE
5220		1518z	17 May	In tfc - ZHGN DE SYDC NR 12212/CCK 445 0517 2243 VVV /FLYLL441 4730 BT	(Remote tuner Japan)	JPL	SUN
		1127z	(In tfc) 13 Jun	NR 001/CCK CK 145 24 0226 1915 RMKS ABCD TO 1234 K	(Remote tuner Japan)	JPL	SAT
5394.75//8001.75	1100z		01 May	Into tfc - OTA - 1104z Q26	(Remote tuner Japan)	JPL	FRI
	1500z		05 May	Into tfc - OTA - 1104z Q26	(Remote tuner Japan)	JPL	TUE
	2250z		05 May	Into tfc - OTA - 2258z Q26	(Remote tuner Japan)	JPL	TUE
	1700z		08 May	Into tfc - OTA - 1703z Q26	(Remote tuner Japan)	JPL	FRI
	1820z		10 May	Into tfc - OTA - 1830z Q26	(Remote tuner Taiwan)	JPL	SUN
	1700z		14 May	Into tfc - OTA - 1703z Q26	(Remote tuner Japan)	JPL	THU
	1700z		15 May	Into tfc - OTA - 1703z Q26	(Remote tuner Japan)	JPL	FRI
	1900z		18 May	Into tfc - OTA - 1904z Q26	(Remote tuner Japan)	JPL	MON
5394.75//8001.75//12762.75	1700z		01 May	Into tfc - OTA - 1704z Q26	(Remote tuner Japan)	JPL	FRI
	1100z		05 May	Into tfc - OTA - 1104z Q26	(Remote tuner Japan)	JPL	TUE
	1100z		06 May	Into tfc - OTA - 1103z Q26	(Remote tuner Japan)	JPL	WED
	1100z		08 May	Into tfc - OTA - 1103z Q26	(Remote tuner Japan)	JPL	FRI
	1100z		11 May	Into tfc - OTA - 1110z Q26	(Remote tuner Japan)	JPL	MON
	1100z		15 May	Into tfc - OTA - 1110z Q26	(Remote tuner Japan)	JPL	FRI
	1300z		15 May	Into tfc - OTA - 1303z Q26	(Remote tuner Japan)	JPL	FRI
	1100z		17 May	Into tfc - OTA - 1104z Q26	(Remote tuner Japan)	JPL	SUN
	1500z		17 May	Into tfc - OTA - 1504z Q26	(Remote tuner Japan)	JPL	SUN
	1700z		18 May	Into tfc - OTA - 1704z Q26	(Remote tuner Japan)	JPL	MON
	1100z		21 May	Into tfc - OTA - 1104z Q26	(Remote tuner Japan)	JPL	THU
	1100z		22 May	Into tfc - OTA - 1104z Q26	(Remote tuner Japan)	JPL	FRI
5394.75//12762.75	1100z		26 May	Into tfc - OTA - 1104z Q26	(Remote tuner Japan)	JPL	TUE
	1500z		28 May	Into tfc - OTA - 1503z Q26	(Remote tuner Japan)	JPL	THU
5457.50	(In tfc)	1215z	13 Jun	In tfc - OTA 1222z Q26	(Remote tuner Japan)	JPL	SAT
5535	(In tfc)	1502z	01 Jun	NR 189/CCK CK 69 35 0601 2255 RMKS 6134 TO 6132 BT			

5569	(In tfc)	1051z	08 Jun	In tfc - OTA - 1102z	Q26	(Remote tuner Japan) (Remote tuner Japan)	JPL JPL	MON MON
6304.75		1533z	11 May	In tfc - OTA - 1536z	Q26	(Remote tuner Japan)	JPL	MON
				2NXB=2318=182 QSDDQ WRQI PPPP PPPP 2308 0103 9762 6364 2894 7073 9527 2418 8001 5699				
6369		0954z	10 Jun	In Q26 - OTA 0955z	M95	(Remote tuner Japan)	JPL	WED
6516	Call Sign XS24	0918z	09 May	In tfc - BNEC DE XS24		(Remote tuner Japan)	JPL	SAT
				NR 385 CK 135 35 0509 1428				
		1304z	02 Jun	OTA - 1306z Into M95 - 1308z - BNEC DE XS24	Q26	(Remote tuner Japan)	JPL	TUE
6557	Call Sign HBDD	1048z	19 May	Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz		(Remote tuner Japan)	JPL	TUE
				V WCJJ (x3) DE HBDD (x2)				
6557//11475	Call Sign HBDD	1113z	18 May	Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz		(Remote tuner Japan)	JPL	MON
		1124z	28 May	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	THU
6591		0849z	09 May	In tfc - OTA - 0851z	Q26	(Remote tuner Japan)	JPL	SAT
6678		1503z	02 Jun	Into tfc - OTA - 1512z	Q26	(Remote tuner Japan)	JPL	TUE
6806	Call Sign HBDD	1549z	02 Jun	Note: New frequency. Normally on 6886kHz				
				V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	TUE
6861.25		1601z	04 Jun	In tfc - OTA - 1612z	Q26	(Remote tuner Japan)	JPL	WED
6884.50		1131z	21 May	In Q26 - OTA - 1132z	Q26	(Remote tuner Japan)	JPL	THU
6886	Call Sign HBDD	1506z	08 May	Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz		(Remote tuner Japan)	JPL	FRI
		1546z	14 Jun	V WCJJ (x3) DE HBDD (x2) (Cont'd)		(Remote tuner Taiwan)	JPL	SUN
		1642z	24 Jun	V WCJJ (x3) DE HBDD (x2) (Cont'd)		(Remote tuner Japan)	JPL	WED
6905	(In tfc)	1215z	15 Jun	In tfc - OTA - 1227z	Q26	(Remote tuner Japan)	JPL	MON
	(In tfc)	1519z	16 Jun	In Tfc - OTA - 1420z	Q26	(Remote tuner Japan)	JPL	TUE
7856.50		1230z	01 May	In tfc - OTA - 1239z	Q26	(Remote tuner Japan)	JPL	FRI
8001.75		1101z	09 May	In tfc - OTA - 1103z	Q26	(Remote tuner Japan)	JPL	SAT
8001.75//12762.75		0955z	06 May	In tfc - OTA - 1000z	Q26	(Remote tuner Japan)	JPL	WED
		0900z	09 May	Into tfc - OTA - 0903z	Q26	(Remote tuner Japan)	JPL	SAT
		1500z	09 May	Into tfc - OTA - 1511z	Q26	(Remote tuner Japan)	JPL	SAT
		1100z	18 May	Into tfc - OTA - 1104z	Q26	(Remote tuner Japan)	JPL	MON
8038		1059z	09 May	In tfc - OTA - 1103z	Q26	(Remote tuner Japan)	JPL	SAT
		1106z	09 May	Into tfc - OTA - 1114z	Q26	(Remote tuner Japan)	JPL	SAT
				AUBZ AUBZ AUBZ DE SD7X SD7X SD7X XYXYXYXYXY IEC 56 15 ///				
				SD7X SD7X SD7X DE AUBZ AUBZ AUBZ XYXYXYXYXY IEC 16 46 /				
				Note: First time I see two stations on the same frequency!!!#				
		1105z	15 May	In tfc - OTA - 1105z	Q26	(Remote tuner Japan)	JPL	FRI
8042		1105z	09 May	Into tfc - OTA - 1103z	Q26	(Remote tuner Japan)	JPL	SAT
				67AL 67AL 67AL DE LXGF LXGF LXGF XYXYXYXYXY QSL 1910 AHR BOZ NIL SK U6W9 U6W9 U6W9 DE 4C1Z 4C1Z 4C1Z XYXYXYXYXY OK BOZ NIL SK X				
8042		1116z	09 May	Into tfc - OTA - 1121z	Q26	(Remote tuner Japan)	JPL	SAT
		1123z	23 Jun	In tfc - OTA - 1124z	Q26	(Remote tuner Taiwan)	JPL	TUE
8045		1100z	15 Jun	In Tfc	Q26	(Remote tuner Japan)	JPL	MON
8600		1033z	06 May	In tfc - OTA - 1034z - In M95 - QSA 1 SK - 1035z	Q26	(Remote tuner Japan)	JPL	WED
11475	Call Sign HBDD	1014z	01 May	Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz		(Remote tuner Japan)	JPL	FRI
		1058z	08 May	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	FRI
		1008z	09 May	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	SAT
		1003z	11 May	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	MON
		1019z	17 May	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	SUN
		1002z	19 May	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	TUE
		1030z	21 May	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	THU

	1023z	26 May	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	TUE
	1012z	04 Jun	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	THU
	1119z	05 Jun	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	FRI
	1047z	07 Jun	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	SUN
	1025z	10 Jun	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	WED
	1102z	13 Jun	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	SAT
	1243z	15 Jun	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	MON
	0952z	20 Jun	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	SAT
	1118z	22 Jun	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	MON
12762.75	2250z	05 May	Into tfc - OTA - 2558z Q26 NR 340 CK 122 35 0424 0658 BT		(Remote tuner Japan)	JPL	TUE
	1000z	09 May	In tfc - OTA - 1001z Q26		(Remote tuner Japan)	JPL	SAT
	1857z	09 May	In tfc - OTA - 1903z Q26		(Remote tuner Japan)	JPL	SAT
	1300z	10 May	Into tfc - OTA - 1303z Q26	Very weak	(Remote tuner Vietnam)	JPL	SUN
	1100z	19 May	Into tfc - OTA - 1103z Q26		(Remote tuner Japan)	JPL	TUE

Marker Beacons (MX MXI)

3168.5	2011z	12 May	MX CW Beacon "L" (Fast)		V.Weak	BR	TUE
5153.7	2018z	12 May	MXI CW Beacon "D" Sevastopol		Weak	BR	TUE
	2007z	19 Jun	MXI CW Beacon "D" Sevastopol		Weak	BR	FRI
5153.9	2020z	12 May	MXI CW Beacon "S" Severomorsk		Weak	BR	TUE
7508.7	2023z	12 May	MXI CW Beacon "D" Sevastopol		Good	BR	TUE
	2145z	24 May	MXI CW Beacon "D" Sevastopol		Fair	PLdn	SUN
	2315z	06 Jun	MXI CW Beacon "D" Sevastopol		Weak	PLdn	SUN
	0853z	13 Jun	MXI CW Beacon "D" Sevastopol		Weak	BR	SAT
	0535z	15 Jun	MXI CW Beacon "D" Sevastopol		Weak	PLdn	MON
	2008z	19 Jun	MXI CW Beacon "D" Sevastopol		Good	BR	FRI
7508.9	2024z	12 May	MXI CW Beacon "S" Severomorsk		Fair	BR	TUE
	0853z	13 Jun	MXI CW Beacon "S" Severomorsk		Weak	BR	SAT
	2010z	19 Jun	MXI CW Beacon "S" Severomorsk		Fair	BR	FRI
7509	2024z	12 May	MXI CW Beacon "C" Moscow		Fair	BR	TUE
8494.7	2025z	12 May	MXI CW Beacon "D" Sevastopol		Fair under QRM	BR	TUE
	2010z	19 Jun	MXI CW Beacon "D" Sevastopol		Good	BR	FRI
8494.9	2026z	12 May	MXI CW Beacon "S" Severomorsk		Fair under QRM	BR	TUE
	0852z	13 Jun	MXI CW Beacon "S" Severomorsk		Weak	BR	SAT
	2011z	19 Jun	MXI CW Beacon "S" Severomorsk		Fair	BR	FRI
8495.1	2012z	19 Jun	MXI CW Beacon "A" Astrakhan		Weak	BR	FRI
8497.8	1029z	11 May	MX CW Beacon "L" St Petersburg	Faulty - inserting odd dash or W	Fair	BR	MON
	2027z	12 May	MX CW Beacon "L" St Petersburg	Mostly OK - occasional glitch	Fair	BR	TUE
	0851z	13 Jun	MX CW Beacon "L" St Petersburg		Weak	BR	SAT
	2013z	19 Jun	MX CW Beacon "L" St Petersburg		Fair	BR	FRI
10459	1941z	04 May	MX CW Beacon "C" Moscow			BR	MON
10871.7	1027z	11 May	MXI CW Beacon "D" Sevastopol		Weak	BR	MON
	2034z	12 May	MXI CW Beacon "D" Sevastopol		Fair	BR	TUE
	2014z	19 Jun	MXI CW Beacon "D" Sevastopol		Fair	BR	FRI
10871.8	1025z	11 May	MXI CW Beacon "P" Kaliningrad		Fair	BR	MON
	2031z	12 May	MXI CW Beacon "P" Kaliningrad		Good	BR	TUE
	0850z	13 Jun	MXI CW Beacon "P" Kaliningrad		Fair	BR	SAT
	2016z	19 Jun	MXI CW Beacon "P" Kaliningrad		Weak	BR	FRI
10871.9	1026z	11 May	MXI CW Beacon "S" Severomorsk		Fair	BR	MON
	2032z	12 May	MXI CW Beacon "S" Severomorsk		Fair	BR	TUE
	2015z	19 Jun	MXI CW Beacon "S" Severomorsk		Weak	BR	FRI
10872	1026z	11 May	MXI CW Beacon "C" Moscow		Fair	BR	MON
	2033z	12 May	MXI CW Beacon "C" Moscow		Fair	BR	TUE
13527.7	1023z	11 May	MXI CW Beacon "D" Sevastopol		Weak	BR	MON
	2035z	12 May	MXI CW Beacon "D" Sevastopol		Fair	BR	TUE
	0848z	13 Jun	MXI CW Beacon "D" Sevastopol		Weak	BR	SAT
	2017z	19 Jun	MXI CW Beacon "D" Sevastopol		Fair	BR	FRI
13527.8	0847z	13 Jun	MXI CW Beacon "P" Kaliningrad		Fair	BR	SAT
13527.9	1024z	11 May	MXI CW Beacon "S" Severomorsk		Weak	BR	MON
	2026z	12 May	MXI CW Beacon "S" Severomorsk		Weak	BR	TUE
	2017z	19 Jun	MXI CW Beacon "S" Severomorsk		Weak	BR	FRI
	0849z	13 Jun	MXI CW Beacon "S" Severomorsk		Weak	BR	SAT
13528	1025z	11 May	MXI CW Beacon "C" Moscow		V.Weak	BR	MON
	2036z	12 May	MXI CW Beacon "C" Moscow		Fair	BR	TUE
	2018z	19 Jun	MXI CW Beacon "C" Moscow		Fair	BR	FRI
16331.7	1021z	11 May	MXI CW Beacon "D" Sevastopol		Good	BR	MON
	2027z	12 May	MXI CW Beacon "D" Sevastopol		Good	BR	TUE
	0830z	12 May	MXI CW Beacon "D" Sevastopol		Good	BR	MON
	0846z	13 Jun	MXI CW Beacon "D" Sevastopol		Good	BR	SAT
	0536z	15 Jun	MXI CW Beacon "D" Sevastopol		Weak	PLdn	MON
	2019z	19 Jun	MXI CW Beacon "D" Sevastopol		Good	BR	FRI

16331.8	1021z	11 May	MXI	CW	Beacon "P"	Kaliningrad	Fair	BR	MON
16331.9	2028z	12 May	MXI	CW	Beacon "S"	Severomorsk	Fair	BR	TUE
	0536z	15 Jun	MXI	CW	Beacon "S"	Severomorsk	Weak	PLdn	MON
	2020z	19 Jun	MXI	CW	Beacon "S"	Severomorsk	Fair	BR	FRI
16332.1	1022z	11 May	MXI	CW	Beacon "A"	Astrakhan	Weak	BR	MON
	2029z	12 May	MXI	CW	Beacon "A"	Astrakhan	Fair	BR	TUE
	2020z	19 Jun	MXI	CW	Beacon "A"	Astrakhan	Fair	BR	FRI
20047.7	1020z	11 May	MXI	CW	Beacon "D"	Sevastopol	Weak	BR	MON
20048.1	1019z	11 May	MX	CW	Beacon "A"	Astrakhan	Weak	BR	MON
	0829z	15 Jun	MX	CW	Beacon "A"	Astrakhan	Weak	BR	MON

Oddities

Log From 'E'

Before looking at the 'regular' oddities, we have a short log from 'E' of a few of the more unusual stations he has come across on the bands. It shows that there is still very much on short wave to be heard, & that there will always be those stations of unknown origin & that can't always be immediately identified, or their purpose known.

4625	2023z	25 Apr	Pop Mx on top of buzzer, again on 26 April
6240	1906z	03 May	Continuous Bell clang [Pirate?]
16112	1709z	18 May	Strange sounding CW also heard: 7055 & 10534kHz
11725	0711z	06 Jun	Strange morse, previously 7055kHz
5100	1925z	09 Jun	Rasping CW with Beep underneath

Many thanks for the log 'E'.

Peter, PoSW, also notes transmissions that initially sound like Morse, but turn out to be unintelligible:-

Strange CW activity:-

Some peculiar Morse- or perhaps that should be pseudo-Morse- noted LF of the 40 metre band in late May. "Pseudo" because although there are dots and dashes the length and spacing of these elements are all over the place and to my non-expert ear they do not form numerals or letters of the alphabet.

First monitored in detail on 30-May-26, Saturday, at around 1850 UTC, although activity had been noted a day or two earlier, similar kinds of signals noted on four frequencies, 6970, 6963, 6948 point something and 6941 point something at the same time. The "point something" because I am using traditional style receivers with the frequency readout to 1KHz. It appears these frequencies shift slightly every once in a while and on several occasions the frequencies above have been active but returning perhaps half an hour or so later they have moved to 6968 point something, 6961 point something, 6950 and 6943.

Signals are always strong at least in the late evening UK time, from about 1900 UTC onwards although weaker activity can be heard an hour or two earlier. All this is still going on in the last days of June.

Many thanks for your log & observations, Peter

Similar transmissions have also been reported in the 40m amateur band. It's possible these are one & the same. The Intruder Watch group, that monitors the amateur bands, report that these signals are FSK transmissions, 7kHz wide & sent at 20bd. Their use is unknown. Origin is reported as Russia – but unconfirmed.

Oddities – Logs:

S28 'The Buzzer'

4625	2040z	12 May	S28	'The Buzzer' Marker	USB	Fair	BR	TUE
	2022z	19 Jun	S28	'The Buzzer' Marker -With music played over tones	USB	Fair	BR	FRI

S30 'The Pip'

3756	2016z	12 May	S30	'Pip' marker (Night freq)	USB		BR	TUE
	2024z	19 Jun	S30	'Pip' marker (Night freq)	USB	Fair	BR	FRI

New Additional 'Pip' Markers

4141	2013z	12 May		'Pip' type Marker – (On alternative beat to 3756kHz)	USB		BR	TUE
	2024z	19 Jun		'Pip' type Marker – (On alternative beat to 3756kHz)	USB	Fair	BR	FRI
3363	2043z	12 May		'Pip' type Marker – In sync with 4141kHz	USB		BR	TUE
	2026z	19 Jun		'Pip' type Marker – Alternate In sync to 4141kHz	USB	Fair	BR	FRI

Contributors:

BR, 'E', Gert, JPL, PLdn, PoSW

Thank you all for your logs.

Voice, Polytone, Tones, Hybrids and FSK

E06

Peter and Richard both noticed the sparse appearances of this station:

An E06 had been showing up in April on Saturdays at 1600 UTC on 12211 kHz; had moved higher up the band in May:-
2-May-26:- 1603 UTC, 13457 kHz, found in progress with call "480", DK/GC "762 762 48 48", ended around 1613 UTC.
Reasonable signal with the usual fading up and down, but nothing readable on Saturdays 9th, 16th and 23th of May.

The only E06 logged in May and June - other than when the Thursday + Saturday E07 showed up with the E06 voice in late May.

Saturday	1600z	13547khz	1630z	11567kHz
Sunday	0730z	15634khz	0800z	12211kHz
03/05	'480' 762 48 67965 16878 15240 70815 61023 23256 93627 71392 60270 31596 43646 08561 80869 72382 04727 07058 37380 10674 84087 03037	46832 86165 37867 78734 62130 45913 09207 34143 71805 41053 43801 21962 87187 16328 96306 82543 45286 40927 74503 10394	17157 75389 70428 39756 49814 54251 02592 85814 762 48 00000	

E07

PoSW sends his logs and analysis of the E07 'English Man':

Both remaining E07 schedules showing up on the predicted frequencies, still following a not-altogether-believable-in-the-real-world routine of message/no message formats alternating on a weekly basis. Of special note was that the Thursday + Saturday schedule was heard with the E06 voice in late May; a simple mistake on someone's part or having some special meaning to the intended recipients?

Tuesday + Friday Schedule, 1500 UTC Start:-

12-May-26, Tue:- 1500 UTC, 16132 kHz, "124 124 124 1", DK/GC "927 186" x 2, weak signal, ended at 1517:50s UTC.
1520 UTC, 18232 kHz, stronger.
1540 UTC, 19432 kHz, strongest of the three sendings.

15-May-26, Fri:- 1500 UTC, 16132 kHz, "124" and "927 186" again, stronger than on the 12th.
1520 UTC, 18232 kHz and 1540 UTC, 19432 kHz, both good signals.

19-May-26, Tue:- 1500 UTC, 16132 kHz, "124 124 124 000", weak, clear signal.
1520 UTC, 18232 kHz, stronger.

22-May-26, Fri:- 1500 UTC, 16132 kHz, weak signal, and 1520 UTC, 18232 kHz, stronger,
"124 124 124 000".

26-May-26, Tue:- 1500 UTC, 16132 kHz, "124 124 124 1", message, DK/GC "824 82" x 2, lower group count than most, ended at 1509:20s UTC, strong signal.
Nothing audible at 1520z on 18232, something of a surprise considering how strong the first sending was, and the 1540 on 19432 was flattened by a strong pulse/buzz noise extending from around 19420 to 19440 kHz.

2-June-26, Tue:- 1500 UTC, 14945 kHz, "912 912 912 000", 5 to 6 on the S-meter.
1520 UTC, 16145 kHz, also S5-6.

9-June-26, Tue:- 1504 UTC, message in progress, missed start, ended just before 1512 UTC.
1520 UTC, 16145 kHz, "912 912 912 1", DK/GC "906 113" x 2.
Nothing readable at 1540z on predicted frequency 18245.

12-June-26, Fri:- 1500 UTC, 14945 kHz, "912" and "906 113" again, fair signal.
1520 UTC, 16145 kHz, stronger.
1540 UTC, 18245 kHz, weak.

16-June-26, Tue:- 1500 UTC, 14945 kHz, "912 912 912 000", weak signal.
1520 UTC, 16145 kHz, stronger.

19-June-26, Fri:- 1500 UTC, 14945 kHz, weak and 1520 UTC, 16145 kHz, stronger, "912 912 912 000".

23-June-26, Tue:- 1500 UTC, 14945 kHz, "912 912 912 1", message, DK/GC "514 123" x 2, good signal with fading, "Out" at 1512:40s UTC.
1520 UTC, 16145 kHz, also a good signal.
1540 UTC, 18245 kHz, much weaker, difficult copy.

Thursday + Saturday Schedule, 1000 UTC Start:-

2-May-26, Sat:- 1000 UTC, 17468 kHz, "428 428 428 000"
1020 UTC, 16,292 kHz, both sendings weak, clear signals.

9-May-26, Sat:- 1000 UTC, 17468 kHz, "428 428 428 1", message, DK/GC "5818 125" x 2, weak signal, ended just before 1013 UTC.
1020 UTC, 16292 kHz, slightly stronger.
1040 UTC, 14876 kHz, weak.

14-May-26, Thu:- 1000 UTC, 17468 kHz, "428 428 428 000", fair signal.
1020 UTC, 16292 kHz, weaker.

21-May-26, Thu:- 1006 UTC, 17468 kHz, message transmission in progress. Something different here, not the usual cheerful E07 voice but the rather depressed sounding OM

heard on the E06 number station. Weak signal.

1020 UTC, 16292 kHz, very weak, difficult copy.

1040 UTC, 14876 kHz, slightly stronger than the first two sendings, DK/GC "7193 149" x 2, ended at 1056:40s UTC.

23-May-26, Sat:- 1000 UTC, 17468 kHz, "428" and "7193 149" again, E06 voice, signal strength varying up and down.

1020 UTC, 16292 kHz, also varying signal strength.

1040 UTC, 14876 kHz, weak.

11-June-26, Thu:- 1000 UTC, 17453 kHz, "417 417 417 000", fair signal, back to the usual E07 voice.

1020 UTC, 16137 kHz, weak signal.

13-June-26, Sat:- 1020 UTC, 16137 kHz, "417 417 417 000", weak, clear signal, missed 1000 UTC sending.

18-June-26, Thu:- 1000 UTC, 17453 kHz, "417 417 417 1", message, DK/GC "3234 159" x 2, good signal with some fading up and down, ended at 1017:40s UTC.

1020 UTC, 16137 kHz, weaker.

1040 UTC, 14759 kHz, very weak.

20-June-26, Sat:- 1000 UTC, 17453 kHz, "417" and "3234 159", fair signal, interference from a strong wide-band pulse/buzz signal, the kind generally assumed to be someone's over-the-horizon-radar, - which obliged us by going off a few seconds after E07 started up.

1020 UTC, 16137 kHz, weak.

1040 UTC, 14759 kHz, fair signal.

25-June-26, Thu:- 1000 UTC, 17453 kHz, "417 417 417 000", weak.

1020 UTC, 16137 kHz, very weak.

Onto other's logs with duplication

Tuesday/Friday

May 2026

1500z	16132kHz	1520z	18232kHz	1540z	18432kHz
01/05		124 1 3540 144 12019 ... 39529			1500z Fair, rest NRH
05/05		MISSED			
08/05		NRH			
12/05		NRH			
15/05		Too weak to copy			
19/05		124 000			1500z Fair, 1520z Weak
22/05		MISSED			
26/05		124 1 824 82 33081 ... 38443 000 000			1500z Weak, rest NRH
29/05		124 1 824 82 33081 ... 38443 000 000			1500z Fair, rest NRH

June 2026

1500z	14945kHz	1520z	16145kHz	1540z	18245kHz		
02/06		NOT MONITORED Lightning					
05/06		NRH					
09/06		912 1 906 113 61301 ... 44917 000 000				HJH	TUE
912 1 906 113							

61301 40005 02264 61096 29515 46061 69472 59293 96259 36762
10362 24426 74650 00781 81388 96964 74398 02632 11815 64657
78470 90942 58202 53420 14196 25423 55487 79760 05773 28400
88800 39391 53258 49219 35245 75841 75662 46979 62616 59763
87304 40446 14311 61334 95235 86955 97675 27094 96673 22126
95243 69377 20838 61135 89676 57973 80540 64147 72981 70632
97388 54240 06132 88566 44673 75388 80825 09339 13618 70253
31465 10585 77738 79609 05952 93987 74778 24172 71842 85023
04450 83131 69217 62594 52794 62021 84486 73446 49201 15816
84072 15266 44370 72147 05129 71370 05926 35911 15255 22969
16102 85614 27382 06812 81990 11849 85558 24524 63842 26336
88236 05646 44917
000 000

Courtesy HJH

12/06 NOT MONITORED

16/06	912 000	1500z Weak, 1520z Fair
19/06	912 000	1500z NRH, 1520z Weak
23/06	912 1 514 123 39203 ... 53893 000 000	via SDR Twente [Poor copy PLdn]
26/06	912 1 514 123 39203 ... 53893 000 000	1540z NRH, rest Weak
30/06	912 000	1500z Fair, 1520z Weak

Thursday/Saturday

May 2026

1000z	17568kHz	1020z	16292kHz	1040z	14876kHz		
07/05	428 1 (5818 125) 00701 24533 62593 44606 77876....					Fair/Fair/Fair	BR THU.
09/05	428 1 5818 125 00701 24533 62593 44606 77876 ...					Good Twente SDR	MG SAT
14/05	428 000					Weak/Fair	BR THU
16/05	NRH						
21/05	428 1 (7193 149) 14204 86842 49811 62904 98506....					- - - /Fair/Weak	BR THU
23/05	428 1 7193 149 14204 ... 83441 000 000					1040z NRH, rest Weak [Old voice used]?	PLdn SAT
28/05	428 000					Fair/Fair Alternative voice used again	BR THU
30/05	428 000					[Old voice] via Twente SDR	

June 2026

1000z	17453kHz	1020z	16137kHz	1040z	14760kHz		
02/06	NOT MONITORED, Lightning						
04/06	417 1 (5832 204) 42082 39875 92082....					V.Weak/Weak/Fair Start times as ~1000/27/54z	BR THU
06/06	417 1 5832 204 42082 ... 93046 000 000			[21m46s long]		via Twente SDR	PLdn SAT
11/06	417 000					Fair/Fair	BR THU
13/06	NOT MONITORED						
18/06	417 1 (3234 159) 90028 05587 70925 67949 90242....					Fair/Fair/Fair	BR THU
20/08	417 1 3234 159 90028 ... 10797 000 000					[17m29s lg Late starts] 1000z NRH, rest Weak	SAT
25/06	417 000					Weak	BR THU
27/06	417 000					SDR Twente	MG SAT

E11&E11a log May/June

RNGB offers logs from Group as well as those intercepted by himself and 'E'. Followed by PoSW's logs and analysis as necessary:

5082kHz	1645z	09/05 [360/00]				Gary H	SAT
	1645z	16/05 [360/00]				Gary H	SAT
	1645z	30/05 [366/00] Out 1648z Fair (Twente SDR)				Manolis	SAT
5231kHz	1605z	05/05 [237/00]				Gary H	TUE
5409kHz	2000z	07/05 [522/00] Out 2003z Fair				PLdn	THU
	2000z	14/05 [521/33 A 35028.....71058] Out 2010z Weak				PLdn	THU
	2000z	11/06 [522/00] Out 2003z Strong				PLdn	THU
	2000z	18/06 [528/37 49898.....39422] Out 2011z Fair				PLdn	THU
	2000z	25/06 [525/00] Out 2003z Strong				PLdn, Manolois	THU
5737kHz	1300z	21/05 [311/00]				Gary H	THU
	1300z	01/06 [319/00] Out 1303z Strong (Hungarian SDR)				Manolis	MON
6923khz	0930z	07/05 [271/38 76251 52548 42375 23843 86831 85805 59558 72808.....13006 77217] Good				RNGB	THU
	0930z	13/05 [273/00] Fair				RNGB, Brian	WED
	0930z	14/05 [270/00] Weak				Brian	THU
	0930z	20/05 [276/00] Very weak				Brian	WED
	0930z	21/05 [276/00] Fair				Brian	THU
	0930z	27/05 [270/00] Weak				Brian	WED

	0930z	28/05 [275/00] Weak	Brian	THU
	0930z	03/06 [277/00] Fair	RNGB, Brian	WED
	0930z	04/06 [278/00] Fair	RNGB, Brian	THU
	0930z	10/06 [275/35 89758 99912 58944 73320 09371 46443 89141 78230.....38316 20955 08353] Fair	RNGB, Brian	WED
	0930z	17/06 [270/00] Very weak	Brian	WED
	0930z	18/06 [276/00] Very weak	Brian	THU
	0930z	24/06 [278/00] Weak	Brian	WED
7377kHz	0700z	02/05 [492/00] Good	RNGB	SAT
	0700z	03/05 [491/00] Good	RNGB	SUN
	0700z	09/05 [496/00] Fair	Brian, Manolis	SAT
	0700z	16/05 [498/31 19148 24553 77151 32187 94657 11994 81774 93419.....78794 29998 46864] Good	RNGB	SAT
	0700z	30/05 [498/00] Good	RNGB	SAT
	0700z	31/05 [497/00] Good	RNGB	SUN
	0700z	13/06 [491/00] Fair	RNGB	SAT
	0700z	21/06 [491/00] Out 0703z Strong (Twente SDR)	Manolis	SUN
	0700z	27/06 [490/33 77405 98514 92269 45294 78675 04827 22582 45675.....39934 68059 25937] Fair	RNGB	SAT
7600kHz	1900z	04/05 [649/00] Out 1903z Strong	PLdn	MON
	1900z	07/05 [647/00] Out 1903z Fair	PLdn	THU
	1900z	14/05 [641/00] Out 1903z Weak	PLdn	THU
	1900z	18/05 [648/00] Out 1718z Fair	PLdn	MON
	1900z	25/05 [640/31 65410 92660 18181 91616 03886 41006 38184 09697..... 15039 99211] Out 1910z Strong	PLdn	MON
	1900z	01/06 [641/00] Strong	Manolis	MON
	1900z	04/06 [648/00] Out 1903z Strong	PLdn	THU
	1900z	11/06 [646/00] Out 1903z Fair	PLdn	THU
	1900z	15/06 [647/00] Out 1903z Strong	PLdn	MON
	1900z	18/06 [648/00] Out 1903z Fair	PLdn	THU
	1900z	22/06 [647/34 42868 98933 97351 95473 34057 19724 44061 44490.....25613] Out 1910z Fair	PLdn	MON
	1900z	29/06 [648/00] Out 1903z Strong	PLdn	MON
7863kHz	1715z	01/05 [975/00] Good	RNGB, PLdn	FRI
	1715z	06/05 [974/00] Strong	RNGB	WED
	1715z	08/05 [970/00] Out 1718z Strong	PLdn, Manolis	FRI
	1715z	15/05 [972/00] Out 1718z Good	Manolis	FRI
	1715z	20/05 [974/39 23611 41052 39911 93599 50429 36643 04971 90767.....87298 30245] Fair	Manolis	WED
	1715z	29/05 [974/00] Out 1718z Weak	PLdn	FRI
	1715z	05/06 [976/00] Out 1718z Weak	PLdn	FRI
	1715z	17/06 [975/00] Out 1718z Strong	PLdn	WED
	1715z	19/06 [975/00] Out 1718z Fair	PLdn	FRI
	1715z	24/06 [970/00] Out 1718z Strong	PLdn	WED
	1715z	26/06 [977/00] Out 1718z Fair	PLdn	FRI
7984kHz	0720z	01/05 [432/00] Good	RNGB	FRI
	0720z	07/06 [438/00] Good	RNGB, Brian	THU
	0720z	08/05 [439/00] Good	RNGB, Brian	FRI
	0720z	14/05 [435/00] Good	RNGB	THU
	0720z	15/05 [438/00] Good	RNGB, Brian	FRI
	0720z	21/05 [431/00] Good	RNGB	THU
	0720z	28/05 [430/39 03003 88351 30965 32752 19421 79340 04462 00306.....19550 69117] Good	RNGB, Brian	THU
	0720z	04/06 [436/00] Fair	Brian	THU
	0720z	05/06 [438/00] Fair	Brian	FRI
	0720z	12/06 [434/34 86893 09591 53804 40911 87578 39986 63293 94837..... 33287 97097] Strong	RNGB	FRI
	0720z	18/06 [431/00] Good	RNGB, Brian	THU
	0720z	19/06 [436/00] Good	RNGB	FRI
	0720z	25/06 [435/00] Fair	Brian	THU
	0720z	26/06 [432/00] Good	RNGB, Brian	FRI
8274kHz	1205z	05/05 [466/00] Good	RNGB	TUE
	1205z	06/05 [469/00] Out 1208z Weak	PLdn	WED
	1205z	19/05 [461/35 87195 21377 29292 49438 28176 99227 83510 53958.....97883 53781] Fair	Brian	TUE
	1205z	26/05 [462/00] Weak	Brian	TUE
	1205z	16/06 [469/00] Good	RNGB	TUE
8680kHz	0700z	01/05 [574/39 46327 05863 00945 87861 56332 05907 02748 19658.....57672 03005] Good	RNGB	FRI
	0700z	05/05 [576/00] Good	RNGB	TUE
	0700z	08/05 [576/00] Good	RNGB	FRI
	0700z	12/05 [575/00] Good	RNGB, Brian	TUE
	0700z	15/05 [577/00] Good	RNGB, Brian, PLdn	FRI
	0700z	12/06 [571/00] Out 0703z Weak	PLdn, Brian	FRI
	0700z	16/06 [574/35 48116.....77273] Out 0711z Weak	PLdn	TUE
	0700z	26/06 [575/00] Good	RNGB, PLdn	FRI
9150kHz	0600z	08/05 [352/00] Strong	RNGB	FRI
	0600z	24/05 [351/00] Out 0603z Weak	Manolis	SUN
	0600z	05/06 [355/00] Out 0603z Weak	Manolis	FRI
9610kHz	1910z	01/05 [618/00] Fair	RNGB	FRI
	1910z	03/05 [611/00] Strong	RNGB, PLdn	SUN
	1910z	08/05 [612/00] Out 1913z Weak	PLdn, Manolis	FRI
	1910z	10/05 [612/00] Out 1913z Weak	PLdn	SUN
	0745z	11/05 [267/00] Strong	RNGB, Brian	MON
	1910z	17/05 [616/36 33027.....90779] Out 1921z Weak	PLdn	SUN

	0745z	18/05 [266/00] Strong	RNGB, Brian	MON
	1910z	22/05 [612/00] Out 1913z Weak	PLdn	FRI
	1910z	24/05 [617/00] Out 1913z Fair	PLdn	SUN
	0745z	25/05 [267/36 00100 62398 80624 05733 20618 27108 78513.....94582 81626 74631] Strong	RNGB, Brian	MON
	1910z	29/05 [613/00] Out 1913z Weak	PLdn	FRI
	1910z	31/05 [616/00] Out 1913z Weak	PLdn	SUN
	0745z	01/06 [260/37 93639 74428 63837 11185 89215 79801 79264 21665.....17402 44855]	RNGB, Brian	MON
	1910z	05/06 [616/00] Out 1913z Fair	PLdn	FRI
	1910z	07/06 [618/00] Out 1913z Weak	PLdn	SUN
	0745z	08/06 [261/00] Fair	Brian	MON
	1910z	14/06 [611/33 94894.....39493] Out 1920z Weak	PLdn	SUN
	1910z	19/06 [613/00] Out 1913z Weak	PLdn	FRI
	1910z	21/06 [618/00] Good	RNGB, PLdn	SUN
	0745z	22/06 [264/00] Good	RNGB, Brian	MON
	1910z	28/06 [610/00] Out 1913z Fair	PLdn	SUN
	0745z	29/06 [269/00] Good	RNGB, Brian	MON
10210kHz	1045z	04/05 [691/00] Good	Brian	MON
	1045z	06/05 [692/00] Weak	Brixmis, Brian	WED
	1045z	13/05 [698/27 61651 77537 28175 51990 28000 68049 37048 25741.....46973 05451] Fair	Brian	WED
	1045z	18/05 [694/00] Good	Brian	MON
	1045z	25/05 [691/00] Fair	Brian	MON
	1045z	27/05 [697/00] Fair	Brian	WED
	1045z	01/06 [696/00] Fair	Brian	MON
	1045z	03/06 [697/00] Good	Brian	WED
	1045z	08/06 [691/00] Good	RNGB, Brian	MON
	1045z	10/06 [698/00] Fair	Brian	WED
	1045z	15/06 [692/00] Good	Brian	MON
	1045z	17/06 [694/00] Fair	Brian	WED
	1045z	22/06 [694/39 32188 97881 10026 33415 39105 72496 63632 66777.....33730 81556] Fair	Brian	MON
10356kHz	1530z	21/05 [267/00] Out 1533z Fair	Manolis	THU
	1530z	25/06 [267/00] Strong	Gary H	THU
10508kHz	0645z	04/05 [411/00] Good	RNGB	MON
	0715z	05/05 [639/00]	Ary	TUE
	0645z	06/05 [414/00] Good	RNGB	WED
	0715z	08/05 [634/00] Fair	RNGB	FRI
	0645z	11/05 [411/00] Strong	RNGB	MON
	0715z	12/05 [633/00] Good	RNGB, Brian	TUE
	0715z	15/05 [634/00] Good	RNGB, Brian, PLdn	FRI
	0715z	19/05 [636/00] Good	RNGB	TUE
	0645z	20/05 [416/38 41173 13312 22031 43715 51146 13662 98903 95828.....69551 82966] Strong	RNGB	WED
	0645z	01/06 [413/00] Out 0648z Strong (Twente SDR)	Manolis	MON
	0645z	03/06 [410/00] Out 0648z Strong (Twente SDR)	Manolis	WED
	0715z	05/06 [639/32 67370 52549 18774 38719 74496 81617 37664 45046.....59062 13968] Fair	Brian, PLdn	FRI
	0715z	12/06 [634/00] Out 0718z Weak	PLdn, Brian	FRI
	0715z	16/06 [633/00] Out 0718z Weak	PLdn	TUE
	0715z	19/06 [637/00] Good	RNGB, PLdn	FRI
	0715z	23/06 [631/00] Weak	Brian	TUE
	0715z	26/06 [630/00] Good	RNGB, Brian, PLdn	FRI
11092kHz	0645z	05/05 [511/32 55666 34986 52735 47206 82584 46656 80890 85643.....40135 13595] Strong	RNGB	TUE
	0645z	14/05 [511/00] Good	RNGB	THU
	0645z	28/05 [510/00] Good	RNGB	THU
	0645z	04/06 [515/00] Weak	Manolis	THU
11116kHz	0900z	04/05 [530/39.....82874 55264 65679	PLdn	MON
	0900z	11/05 [534/00] Fair	RNGB, Brian, PLdn	MON
	0900z	13/05 [536/00] Fair	Brian	WED
	0900z	18/05 [537/00] Good	RNGB, Brian, PLdn	MON
	0900z	20/05 [533/00] Fair	Brian	WED
	0900z	25/05 [530/00] Fair	Brian	MON
	0900z	01/06 [535/33 47390 34824 49336 40840 54541 18976 96525 16495.....41555 87099] Fair	RNGB, Brian	MON
	0900z	08/06 [537/00] Weak	Brian	MON
	0900z	10/06 [534/00] Good	RNGB, PLdn	WED
	0900z	15/06 [538/00] Fair with QRM	RNGB, PLdn, Brian	MON
	0900z	17/06 [530/00] Fair	Brian	WED
	0900z	22/06 [536/00] Good	RNGB, Brian, PLdn	MON
	0900z	24/06 [533/00] Out 0903z Fair	PLdn, Brian	WED
	0900z	29/06 [532/00] Fair	RNGB, Brian, PLdn	MON
12153kHz	1000z	01/05 [306/00] Good	RNGB, Brian	FRI
	1000z	05/05 [308/00] Good	RNGB, Brian	TUE
	1000z	08/05 [307/00] Good	RNGB, PLdn	FRI
	1000z	12/05 [300/22 02171 22269 33195 00990 28701 18128 13105 10477.....86534 68095] Fair	Brian	TUE
	1000z	19/05 [304/00] Out 1003z Weak	PLdn	MON
	1000z	26/05 [309/00] Fair	Brian, PLdn	TUE
	1000z	29/05 [304/00] Fair	Brian, PLdn	FRI
	1000z	02/06 [306/00] Fair	Brian	TUE
	1000z	05/06 [307/00] Fair	Brian	FRI
	1000z	09/06 [307/00] Fair	Brian	TUE
	1000z	12/06 [305/00] Good	RNGB, Brian	FRI

	1000z	16/06 [305/00] Out 1003z Fair		PLdn	TUE
	1000z	30/06 [304/32 38180 33956 10415 46516 52919 69115 21758 53608.....27028 38847 15730] Good		RNGB, Brian	TUE
12229kHz	1815z	01/05 [921/00] Out 1818z Strong		PLdn	FRI
	1815z	03/05 [929/00] Out 1818z Strong		PLdn	SUN
	1815z	08/05 [921/37 34024 71804 24851 83873 29078 06668 66614 10763.....70764 93799] Out 1825z Strong		PLdn, Manolis	FRI
	1815z	15/05 [926/00] Good		RNGB, PLdn,	FRI
	1815z	17/05 [929/00] Out 1818z Strong		PLdn	SUN
	1815z	22/05 [921/00] Out 1818z Weak		PLdn	FRI
	1815z	24/05 [925/00] Out 1818z Strong		PLdn	SUN
	1815z	29/05 [921/00] Out 1818z Strong		PLdn	FRI
	1815z	31/05 [922/00] Out 1818z Fair		PLdn	SUN
	1815z	05/06 [920/00] Out 1818z Strong		PLdn	FRI
	1815z	07/06 [922/00] Out 1818z Strong		PLdn	SUN
	1815z	12/06 [924/00] Out 1818z Weak		PLdn	FRI
	1815z	21/06 [920/32 32760..... 50643] Out 1825z Fair		PLdn	SUN
	1815z	28/06 [926/00] Out 1818z Fair		PLdn	SUN
12530kHz	0715z	01/05 [633/00] Fair		RNGB	FRI
	0715z	05/05 [NRH – used 10508kHz]		RNGB	TUE
12815kHz	0845z	04/05 [714/00] Fair		Brian	MON
	0845z	06/05 [713/00] Weak		Brian	WED
	0845z	11/05 [718/0] Fair		Brian, PLdn	MON
	0845z	13/05 [719/00] Out 0848z Fair		PLdn, Brian	WED
	0845z	18/05 [713/00] Good		RNGB, PLdn, Brian	MON
	0845z	20/05 [719/00] Fair		Brian, PLdn	WED
	0845z	27/05 [716/40 40640 48856 93952 71242 87516 61640 81028 17028.....24598 38010] Fair		Brian	WED
	0845z	01/06 [713/00] Good		RNGB, Brian, PLdn	MON
	0845z	03/06 [714/00] Fair		Brian	WED
	0845z	08/06 [718/00] Good		RNGB, Brian, PLdn	MON
	0845z	10/06 [713/00] Out 0848z Strong		PLdn	WED
	0845z	15/06 [710/00] Strong		RNGB, PLdn, Brian	MON
	0845z	17/06 [711/00] Fair		Brian	WED
	0845z	22/06 [715/36 08088 93963 85374 52502 54892 37543 67844 30243.....50035 15075 79677] Good		RNGB, Brian, PLdn	MON
	0845z	29/06 [713/00] Fair		RNGB, Brian	MON
12984kHz	1430z	02/05 [910/33 01465 02465 75267 47885 21572 06942 85607 73497.....79769 28589]		Gary H	SAT
	1430z	12/05 [917/00] Out 1433z Fair		PLdn	TUE
	1430z	19/05 [911/00] Out 1433z Weak		PLdn	TUE
	1430z	23/05 [910/00] Out 1433z Weak		PLdn	SAT
	1430z	06/06 [911/00] Out 1433z Strong		Manolis	SAT
	1430z	13/06 [911/00] Out 1433z Good		Manolis	SAT
	1430z	16/06 [912/00] Out 1433z Weak		PLdn	TUE
	1430z	20/06 [919/00] Out 1433z Weak		PLdn, Manolis	SAT
	1430z	27/06 [912/00] Out 1433z Weak		PLdn, Gary H	SAT
14410kHz	1745z	04/05 [248/37 76409 57294 13263 56140 95452 44752 30240 99820.....99109 54610] Weak		RNGB	MON
	1745z	24/05 [246/00] Out 1748z Strong		PLdn	SUN
	1745z	25/05 [249/00] Out 1748z Fair		PLdn	MON
	1745z	21/06 [240/00] Out 1748z Fair		PLdn	SUN
	1745z	22/06 [245/00] Out 1748z Fair		PLdn	MON
14575kHz	1645z	14/05 [335/00] Good		RNGB	THU
	1645z	19/05 [334/40 98225 96832 06617 68028 06741 35233 10419 10200.....80472 52091] Good		Manolis	TUE
	1645z	09/06 [330/00] Out 1648z Fair to Good		Manolis	TUE
15720kHz	1020z	01/05 [347/00] Weak (Swedish SDR)		RNGB	FRI
	1020z	08/05 [347/33 62711 11330 27320 23337 86501 39470 05259 61846 02005.....24366 84636] Weak		RNGB	FRI
	0745z	13/05 [343/00] Very weak		RNGB	WED
	0745z	20/05 [349/00] (Polish SDR)		Brian	WED
	1020z	22/05 [346/00] Weak		Brian	FRI
	0745z	27/05 [349/00] Weak		Brian	WED
	1020z	29/05 [348/00] Very weak (Polish SDR)		Brian	FRI
	0745z	03/06 [343/40 04312 73416 76938 98174 85338 76574 36670 17587.....31219 00604 10031] Fair		RNGB, Brian	WED
	0745z	10/06 [343/00] Weak (Polish SDR)		RNGB, Brian	WED
	1020z	12/06 [344/00] Very weak		Brian	FRI
	0745z	17/06 [342/00] Weak		Brian	WED
	0745z	24/06 [346/00] Very weak		Brian	WED
15915kHz	0715z	04/05 [753/00] Weak		RNGB, Brian	MON
	0715z	06/05 [757/00] Extremely weak (Swedish SDR)		RNGB	WED
	0715z	11/05 [750/00] Weak		RNGB, Brian	MON
	0715z	13/11 [752/00] Weak		RNGB, Brian	WED
	0715z	20/05 [753/31 38514 53021 98125 64325 6508314492 55797 55612.....26857 64356] Weak		RNGB	WED
	0715z	25/05 [750/00] Good		RNGB, Brian	MON
	0715z	27/05 [752/00] Weak		RNGB, Brian	WED
	0715z	01/06 [752/00] Very weak (Polish SDR)		Brian, Manolis	MON
	0715z	03/06 [750/00] Weak		RNGB, Brian	WED
	0715z	08/06 [753/34 28120 49709 70299 89256 04320.....etc] Weak		Brian	MON
	0715z	17/06 [755/00] Very weak		Brian	WED
	0715z	22/06 [750/00] Fair		RNGB, Brian	MON
	0715z	24/06 [753/00] Weak		RNGB	WED
	0715z	29/06 [752/00] Weak		Brian	MON

16335kHz	0830z	01/05 [185/00] Weak		RNGB, Brian	FRI
	0830z	04/05 [182/00] Fair		RNGB, Brian	MON
	0830z	08/05 [182/00] Very weak		Brian	FRI
	0830z	11/05 [185/27 19045 45249 37831 50073 01938 87874 48103 50456..... 30042 00645] Fair		Brian	MON
	0830z	18/05 [184/00] Weak		RNGB, PLdn	MON
	0830z	22/05 [189/00] Fair		RNGB, Brian	FRI
	0830z	25/05 [184/00] Fair		Brian	MON
	0830z	29/05 [188/00] Weak		Brian	FRI
	0830z	01/06 [181/00] Out 0833z Good		Manolis	MON
	0830z	05/06 [180/00] Good		RNGB	FRI
	0830z	08/06 [189/00] Good		RNGB, Brian, PLdn	MON
	0830z	12/06 [184/00] Weak		RNGB	FRI
	0830z	15/06 [180/00] Good		RNGB, PLdn, Brian	MON
	0830z	19/06 [188/00] Weak		RNGB	FRI
	0830z	22/06 [181/39 39795 83022 13986 35336 00021 85346 47504 95155.....62867 34280 37645] Fair		RNGB, Brian, PLdn	MON
	0830z	29/06 [180/00] Good		RNGB, Brian, PLdn	MON
17378kHz	0930z	05/05 [131/37 34413 19770 62540 13590 59766 42960 22591 60788.....36451 77300] Weak		RNGB, Brian	TUE
	0930z	12/05 [131/00]		Brian	TUE
	0930z	19/05 [130/00] Good		RNGB, Brian	TUE
	0820z	20/06 [135/00] Extremely weak (Polish SDR)		Brian	WED
	0930z	26/05 [135/00] Weak		Brian	TUE
	0930z	27/05 [130/00] Fair		Brian	WED
	0930z	02/06 [132/00] Weak		Brian	TUE
	0820z	03/06 [132/00] Good		RNGB, Brian	WED
	0820z	09/06 [138/00] Weak		Brian	TUE
	0820z	10/06 [130/00] Weak		RNGB, Brian	WED
	0820z	17/06 [136/00] Very weak (Polish SDR)		RNGB, Brian	WED
	0820z	23/06 [132/00] Very weak		Brian	TUE
	0820z	24/06 [135/00] Weak		Brian	WED
	0930z	30/06 [138/34 56403 88084 61727 46603 59658.....etc] Weak		Brian	TUE
19184kHz	0845z	05/05 [159/00] Good (Polish SDR)		RNGB, Brian	TUE
	0845z	07/05 [151/00] Very weak		Brian	THU
	0845z	12/05 [155/27 38188 17575 09748 49716 10003.....] NRH UK Copy via SDR Poland		Brian	TUE
	0845z	19/05 [159/00] Fair		Brian	TUE
	0845z	21/05 [157/00] Very weak		Brian	THU
	0845z	26/05 [156/00] (Polish SDR)		Brian	TUE
	0845z	02/06 [155/00] Weak		RNGB, Brian	TUE
	0845z	04/06 [150/00] Good		RNGB, Brian	THU
	0945z	09/06 [152/00] Good		RNGB, Brian	TUE
	0845z	11/06 [152/00] Fair		Brian	THU
	0845z	18/06 [151/00] Very weak		Brian	THU
	0845z	23/06 [157/39 50424 67375.....] NRH UK (SDR Poland) (V.Weak)		Brian	TUE
	0845z	30/06 [150/00] Fair with QRM		RNGB, Brian	TUE
20640kHz	0745z	05/05 [221/00] Fair (Polish SDR)		RNGB	TUE
	0745z	07/05 [224/00] Good (Polish SDR)		RNGB	THU
	0745z	14/05 [223/35 97451 75699 22997 69465 24835 60116 43344 80972.....38981 32370] Good (Polish SDR)		RNGB	THU
	0745z	21/05 [221/00] Weak		RNGB, Brian	THU
	0745z	26/05 [225/00] Good (Polish SDR)		RNGB	TUE
	0745z	28/05 [228/00] Very weak		RNGB, Brian	THU
	0745z	02/06 [220/00] Weak		Brian	TUE
	0745z	04/06 [221/00] Weak		Brian	THU
	0745z	09/06 [228/00] Weak		Brian	TUE
	0745z	11/06 [225/00] Fair		Brian	THU
	0745z	18/06 [221/00] Fair (Polish SDR)		RNGB	THU
	0745z	23/06 [223/00] Weak (Polish SDR)		Brian	TUE
	0745z	25/06 [221/00] Fair		Brian	THU
	0745z	30/06 [225/32 34100 08728 15380 21662 60700.....etc] Weak		Brian	TUE
21906kHz	0600z	01/06 [946/00] Very strong		Manolis	MON
	0600z	03/06 [906/00] Out 0603z Very strong		Manolis	WED

Peter's logs with analysis where stated:

5409 kHz, 2000 UTC
3-May-26, Sun:- "522/00"
7-May-26, Thu:- "522/00"
17-May-26, Sun:- "521/33", message, "Out" at 2009:46s UTC.
21-May-26, Thu:- "524/00"
24-May-26, Sun:- "525/00"
28-May-26, Thu:- "521/00"
31-May-26, Sun:- "522/00"
7-June-26, Sun:- "528/00"
11-June-26, Thu:- "522/00"
14-June-26, Sun:- "527/00"
18-June-26, Thu:- "528/37", message, "Out" at 2010:37s UTC.
21-June-26, Sun:- "528/37" again.

7377 kHz, 0700 UTC
2-May-26, Sat:- "492/00"

3-May-26, Sun:- "491/00"
10-May-26, Sun:- "496/00"
16-May-26, Sat:- "498/31", message, "Out" at 0709:26s UTC.
23-May-26, Sat:- "498/00"
24-May-26, Sun:- "490/00"
30-May-26, Sat:- "498/00"
31-May-26, Sun:- "497/00"
6-June-26, Sat:- "491/00"
7-June-26, Sun:- "490/00"
14-June-26, Sun:- "496/00"
20-June-26, Sat:- "492/00"
21-June-26, Sun:- "491/00"
28-June-26, Sun:- "490/33", message, "Out" at 0709:57s UTC.

7600 kHz, 1900 UTC

4-May-26, Mon:- "649/00"
7-May-26, Thu:- "647/00"
11-May-26, Mon:- "648/00"
14-May-26, Thu:- "641/00"
18-May-26, Mon:- "648/00"
21-May-26, Thu:- "643/00"
25-May-26, Mon:- "640/31", message, "Out" at 1909:29s UTC.
28-May-26, Thu:- "640/31" again.
8-June-26, Mon:- "646/00"
11-June-26, Thu:- "646/00"
18-June-26, Thu:- "648/00"
22-June-26, Mon:- "647/34", message, "Out" a few seconds before 1910 UTC.
25-June-26, Thu:- "647/34" again.

7863 kHz, 1715 UTC

1-May-26, Fri:- "975/00"
6-May-26, Wed:- "974/00"
8-May-26, Fri:- "970/00"
13-May-26, Wed:- "970/00"
20-May-26, Wed:- "974/39", message, "Out" just before 1726 UTC.
27-May-26, Wed:- "976/00"
29-May-26, Fri:- "974/00"
3-June-26, Wed:- "977/00"
10-June-26, Wed:- "972/35", message, "Out" at 1725:14s UTC.
12-June-26, Fri:- "972/35" again.
17-June-26, Wed:- "976/00"
19-June-26, Fri:- "975/00"
26-June-26, Fri:- "977/00"

7984 kHz, 0720 UTC

15-May-26, Fri:- "438/00"
22-May-26, Fri:- "431/00"
5-June-26, Fri:- "438/00"
19-June-26, Fri:- "436/00"
26-June-26, Fri:- "432/00"

12153 kHz, 1000 UTC

12-May-26, Tue:- "300/22", message, "Out" at 1007:37s UTC.
15-May-26, Fri:- "300/22" again.
19-May-26, Tue:- "304/00"
29-May-26, Fri:- "304/00"
16-June-26, Tue:- "305/00"

12229 kHz, 1815 UTC

10-May-26, Sun:- "921/37", message, "Out" at 1825:38s UTC.
15-May-26, Fri:- "926/00"
17-May-26, Sun:- "929/00"
22-May-26, Fri:- "921/00"
24-May-26, Sun:- "925/00"
29-May-26, Fri:- "921/00"
31-May-26, Sun:- "922/00"
5-June-26, Fri:- "920/00"
7-June-26, Sun:- "922/00"
12-June-26, Fri:- "924/00"
14-June-26, Sun:- "925/00"
19-June-26, Fri:- "920/32", message, difficult copy due to a very strong "raucous buzz" interference extending from about 12220 to 12240 kHz.
21-June-26, Sun:- "920/32" again, no interference, "Out" at approx 1824:43s UTC.

12984 kHz, 1430 UTC

9-May-26, Sat:- "917/39", message, "Out" at 1440:58s UTC.
12-May-26, Tue:- "917/00"
16-May-26, Sat:- "910/00"
19-May-26, Tue:- "911/00"
23-May-26, Sat:- "910/00"
26-May-26, Tue:- "914/00"
30-May-26, Sat:- "915/00"

2-June-26, Tue:- "919/00"
 9-June-26, Tue:- "911/00"
 13-June-26, Sat:- "911/00"
 16-June-26, Tue:- "912/00"
 20-June-26, Sat:- "919/00"
 23-June-26, Tue:- "911/00"
 27-June-26, Sat:- "912/00"

14410 kHz, 1745 UTC
 25-May-26, Mon:- "249/00"
 31-May-26, Sun:- "248/00"
 7-June-26, Sun:- "246/00"
 14-June-26, Sun:- "242/36", message, weak signal, sank into noise.
 21-June-26, Sun:- "240/00"
 22-June-26, Mon:- "245/00"

16335 kHz, 0830 UTC
 15-May-26, Fri:- "181/27", message, weak signal, sank into noise and became unreadable.
 22-May-26, Fri:- "189/00"
 25-May-26, Mon:- "184/00"
 29-May-26, Fri:- "188/00"
 5-June-26, Fri:- "180/00"
 8-June-26, Mon:- "189/00"
 12-June-26, Fri:- "184/00"
 15-June-26, Mon:- "180/00"
 19-June-26, Fri:- "188/00"
 26-June-26, Fri:- "183/39", message, "Out" at 0841:11s UTC.

Thanks Richard, Peter and 'E'

S06

S06 log May/June

S06 RUSSIAN MAN from PoSW

First + Third Fridays in the Month Schedule:-

Frequencies used in May and June of last year were 11149 and 9205 kHz which turned out to be the case in this year:-

1-May-26:- 1900 UTC, 11149 kHz, very weak signal, local interference, unable to confirm as S06. Second sending much better.
 2000 UTC, 9205 kHz, "842 842 842 00000", over-riding the local interference.

15-May-26:- 1900 UTC, 11149 kHz, managing to be heard over the local QRM, "842 842 842 00000".
 2000 UTC, 9205 kHz, good signal.

Moved up by one hour in June:-

5-June-26:- Nothing readable at 2000 UTC on 11149.
 2100 UTC, 9205 kHz, "842 842 842 00000", weak signal.

19-June-26:- 2000 UTC, 11149 kHz, "842 842 842 00000", strong enough to be heard over the local RF noise.
 2100 UTC, 9205 kHz, weak, difficult copy.

Followed by RNGB's logs

1st & 3rd Fridays	1900z	11149kHz	2000z	9205khz
01/05 '842' 00000				
15/05 '842' 00000				
	2000z	11149khz	2100z	9205khz
05/06 '842' 00000				

S11a log May/June

5149khz	0830z	02/05 [372/00] Good	RNGB	SAT
	0830z	10/05 [379/00] Fair	RNGB	SUN
	0830z	17/05 [371/00] Fair	RNGB	SUN
	0830z	23/05 [378/31 16127 99653 22297 08061 42787 03848 27965 55436.....17237 70637 99280] Good	RNGB	SAT
	0830z	31/05 [376/00] Fair	RNGB	SUN
	0830z	06/06 [371/38 80874 54422 11392 72889 38695 20753 32462 35314.....20282 42435] Fair	RNGB	SAT
	0830z	14/06 [378/00] Fair	RNGB	SUN
	0830z	21/06 [376/00] Good	RNGB, Manolis	SUN
	0830z	27/06 [371/00] Fair	RNGB	SAT
6814khz	1040z	01/05 [480/37 59102 10010 39136 32179 00669 76421 05332 67414.....64039 86950] Weak	RNGB	FRI

0915z	04/05 [485/00]	Good		RNGB	MON
1040z	08/05 [483/00]	Fair		RNGB	FRI
0915z	11/05 [482/00]	Fair		RNGB	MON
1040z	15/05 [484/00]	Fair		RNGB	FRI
0915z	18/05 [481/00]	Fair		RNGB	MON
1040z	22/05 [481/00]	Very weak	(Polish SDR)	RNGB	FRI
0915z	01/06 [483/00]	Weak		RNGB, Manolis	MON
0915z	08/06 [487/00]	Fair		RNGB	MON
1040z	12/06 [482/00]	Strong		RNGB	FRI
0915z	15/06 [487/00]	Fair		RNGB	MON
1040z	19/06 [483/00]	Weak		RNGB	FRI
0915z	22/06 [487/32 36174 54749 41278 10838 52980 75202 77387 53180.....73732 76135]	Fair	(Polish SDR)	RNGB	MON
0915z	29/06 [481/00]	Weak		RNGB	MON
9339khz	0700z	04/05 [472/00]	Strong	RNGB	MON
	0700z	07/05 [477/00]	Strong	RNGB	THU
	0700z	11/05 [472/32 78755 82245 18490 49758 89323 30835 52623 91406.....261567 05630]	Good	RNGB	MON
	0700z	21/05 [472/00]	Strong	RNGB	THU
	0700z	25/05 [470/00]	Good	RNGB	MON
	0700z	28/05 [476/00]	Strong	RNGB	THU
	0700z	01/06 [472/00]	Good	RNGB, Manolis	MON
	0700z	18/06 [477/32 93094 05471 89297 93275 24611 42711 83151 85217.....38012 04555 67693]	Good	RNGB	THU
	0700z	22/06 [479/00]	Good	RNGB	MON
9448kHz	1400z	15/05 [421/00]	Strong	Gary H	FRI
12457khz	1850z	02/05 [285/00]	Fair	RNGB	SAT
	1850z	16/05 [280/36 79003 71741 99891 32480 47302 30251 09941 01397.....13631 06608]	Strong	RNGB	SAT
	1850z	23/05 [288/00]	Konyets 1853z Fair	PLdn, Manolis	SAT
	1850z	30/05 [288/00]	Konyets 1853z Stong	Manolis	SAT
	1850z	13/06 [288/33 88739.....88739]	Konyets 1901z Fair	PLdn	SAT
	1850z	17/06 [280/00]	Konyetz 1853z Weak	PLdn	WED
	1850z	20/06 [286/00]	Konyets 1853z Fair	PLdn	SAT
	1850z	27/06 [288/00]	Konyets 1853z Strong	PLdn	SAT
18773kHz	0735z	01/05 [380/00]	Very weak (Polish SDR)	RNGB	FRI
	0735z	06/05 [383/00]	Fair (Polish SDR)	RNGB	WED
	0735z	08/05 [382/00]	Fair (Polish SDR)	RNGB	FRI
	0735z	13/05 [383/00]	Weak	RNGB	WED
	0735z	15/05 [383/00]	Weak	RNGB	FRI
	0735z	20/05 [387/00]	Fair (Polish SDR)	RNGB	WED
	0735z	27/05 [384/38 16989 54996 66664 34082 47741 66006 9460716264 43679]	Fair	RNGB	WED
	0735z	03/06 [383/00]	Good	RNGB	WED
	0735z	05/06 [387/00]	Good	RNGB	FRI
	0735z	10/06 [383/32 86437 78548 96464 03771 54579 73664 90073.....46330 24848]	Fair (Polish SDR)	RNGB	WED
	0735z	17/06 [387/00]	Fair	RNGB	WED
	0735z	19/06 [383/00]	Fair (Polish SDR)	RNGB	FRI
	0735z	26/06 [389/00]	Fair	RNGB	FRI

Thanks Richard

V07 With thanks from Daniel, DanAR

May 2026

0700z 14469kHz 0700z 13369kHz 0700z 12169kHz
 14469kHz 0700z 03/05 (431 1 3347 89 56065 ... 72577 000 000) QSA2 DanAR SUN

431 431 431 1
 3347 89
 56065 79582 88717 53800 69376
 74628 78399 62826 73980 68506
 32082 91581 89864 27690 59301
 08075 37916 86722 76827 42476
 09386 67159 60647 38827 22386
 33101 39504 87937 19146 53994
 17220 95636 89562 09222 16981
 57607 83717 86308 68190 06488
 43073 71559 55376 62269 39620
 09411 60203 00964 24008 93297
 01854 15468 82075 87544 24182
 20899 96709 04009 40351 60577
 86099 31711 55426 31816 67916

90551 26429 27695 85178 51633
28333 85088 50882 00575 10165
70698 55708 87564 97655 70907
09143 13697 45374 15552 99057
64888 04222 47816 72577
000 000

Courtesy DanAR

14469kHz 0700z 10/05 NRH (09/05 Victory Day)

DanAR

SUN

14469kHz 0700z 17/05 (431 1 7426 69 34128 97194 38 96 6993) Weak Signal

DanAR

SUN

431 431 431 1

7426 69

34128 97194 38 96 6993 77116

Courtesy DanAR

14469kHz 0700z 24/05 (431 1 3313 113 92509 ... 61909 000 000) QSA3

DanAR

SUN

431 431 431 1

3313 113

92509 62425 52171 29561 78267

77721 30293 07962 77579 51949

64011 95288 31487 65398 66907

13514 99130 38422 97230 07328

03798 46058 03519 81262 57704

70987 95102 50101 45958 36643

31803 95131 17232 27561 39186

79214 45442 42827 71252 09995

45391 51362 68876 05243 81095

67497 53054 87489 73234 22284

50340 26667 83160 16540 52693

44565 59429 05690 78895 54762

43275 82877 15309 80404 65752

80256 32443 95159 77271 97481

85966 30939 15688 60480 10512

17892 20032 38054 56392 25854

20217 37837 37459 37637 91881

60537 18546 52932 66881 21967

46889 03296 72093 45876 29623

77731 92559 12482 11089 86455

19185 15546 94732 85014 35514

52292 28900 90801 28023 08403

00458 63847 61909 000 000

Courtesy DanAR

14469kHz 0700z 31/05 (431 1 6370 87 69651 ... 37867 000 000) QSA2

DanAR

SUN

431 431 431 1

6370 87

69651 83448 35574 97892 05878

98541 19329 26604 99511 16286

85416 81512 40508 61996 34394

09518 12536 63500 24139 64912

80911 06233 43213 31252 71134

74404 92207 96680 09003 30296

29774 47169 50027 17320 72385

37901 60230 05534 60128 16493

04958 40170 84167 91036 04759

68697 36238 26887 01577 74396

97316 70010 04115 53089 39065

26836 82193 50876 23826 83003

34948 56706 26077 19027 83063

30382 91809 76838 32155 16573

53507 59690 48483 49736 87364

17750 10571 12019 68784 64927

97680 56147 58710 25694 25265

10364 37867 000 000

Courtesy DanAR

June 2026

0700z 13927kHz

0720z

13427kHz

0740z

12127kHz

NIL REPORT

V13

11430kHz	SAM Thursday 05/26 @13:00- 13:14 UTC. Asian flute music intro synth female voice Mandarin 5 figure groups despite excellent conditions very poor signal..		
11430kHz	13:30 -13:44 UTC same as above. Very poor signal.	Darryl	THU
11430kHz	22/05 11430kHz SAM 12:59UTC- 13:12UTC synth female voice mandarin 5 figure groups. Good signal. 13:29UTC - 13:42UTC same as above. N.B: time difference starting 1 minute earlier than usual finishing two minutes earlier... of late have been unable to determine schedule s/eems sporadic. Om shanti.	Darryl	FRI
Sunday 05/26	12:59UTC- 13:12UTC 11430kHzSAM poor signal		
"	13:29UTC-13:42UTC	"	"
"	13:59UTC-14:13UTC 14944kHzSAM poor signal	"	"
14:59UTC-15:13UTC	"	"	"
Synth female voice five figure groups in Mandarin throughout.		Darryl	SUN
Monday 25/05	12:59UTC-13:12UTC 11430KkHz SAM .		
	13:29UTC- 13:43UTC 11430kHz SAM.		
	13:59UTC-14:13UTC 14944kHz SAM.		
	14:29UTC- 14:43UTC 14944kHz SAM.		
	14:59UTC- 15:13UTC 14944kHz SAM.		
Synth female voice Mandarin five figure groups very poor signal throughout		Darryl	MON
08/06 13:00-13:30UTC	carrier signal no message on 11430kHz SAM. 13:30-13:43UTC synth female Mandarin voice message 5 figure groups on 11430kHz SAM. 14:00-14:30UTC carrier signal no message on 8300kHz SAM. 14:30-14:43UTC synth female Mandarin voice message 5 figure groups on 8300kHzSAM. Carrier continued in parallel with: 15:00-15:13UTC synth female Mandarin voice message 5 figure groups on 14944kHz SAM. 15:29-15:42UTC synth female Mandarin voice message 5 figure groups on 14944kHz SAM. Poor signal throughout	Darryl	MON
09/06 13:00-13:13UTC	synth female voice Mandarin 5 figure groups on 11430kHz SAM. 13:29-13:42UTC synth female voice Mandarin 5 figure groups on 11430kHz SAM. Poor signal throughout.	Darryl	TUE
11/06 13:00-13:13UTC	on 11430kHz SAM synth female voice Mandarin 5 figure groups. 13:30-13:43UTC on 11430kHz SAM synth female voice Mandarin 5 figure groups. 14:00-14:13UTC on 11430kHz SAM synth female voice Mandarin 5 figure groups. Signal improved to good as time passed. Unfortunately I just cannot distinguish well enough individual numbers to say wether or not repeat message et cetera	Darryl	THU
15/06 13:00-13:13UTC	on 11430kHz SAM synth female voice Mandarin5 figure groups good signal. This recording (better) 13:30-13:44UTC on 11430kHz..	Darryl	MON
16/06 12:59-13:13UTC	on 11430kHz SAM synth female voice Mandarin 5 figure groups poor signal. Same again 13:29-13:43UTC...	Darryl	TUE
17/06 13:00-13:14UTC	on 11430kHz SAM female synth voice Mandarin 5 figure groups. Same again 13:30-13:44UTC poor signal throughout...	Darryl	WED
18/06 13:00-13:13UTC	on 11430kHz SAM synth female voice Mandarin 5 figure groups very poor signal. Same again 13:30-13:43UTC...	Darryl	THU
19/06 13:00-13:13 and 13:30-13:43UTC	on 11430kHz SAM synth female voice Mandarin 5 figure groups good signal. It's been a longtime since I've been able to determine any semblance of a consistent schedule but that's what happened this past Mon- Friday...	Darryl	FRI
21/06 13:00-13:13UTC	and again 13:30-13:43UTC on 11430kHz SAM female synth voice Mandarin 5 figure groups very poor signal.	Darryl	SUN
22/06 13:00-13:43UTC	on 11430kHz SAM continuous carrier no broadcast ...	Darryl	MON
23/06 13:00-13:58UTC	on 11430kHz SAM continuous carrier no broadcast.	Darryl	TUE
24/06 13:00-13:14UTC	on 11430kHz SAM synth female voice Mandarin 5 figure groups when remarkably (!) flute intro music immediately/ restarted@ 13:14-13:29UTC with 2nd broadcast. I've never heard it do that before. @ 13:30-13:44UTC a 3rd message all good signal. Clearly active...	Darryl	WED
29/06 12:59-13:12UTC	on 11430kHzSAM synth female voice Mandarin 5 figure groups. This recording 13:29-13:42UTC same freq better signal. [Sound file on Group] Because conditions so good today I can state V13 heavily jammed currently on 14944kHz. Couldn't tell previously...	Darryl	MON
30/06	Excellent conditions spirit of radio alive well and in rude health... 12:59-13:12UTC and again 13:29-13:42UTC on 11430kHz SAM synth female voice Mandarin figure groups	Darryl	TUE

V15 North Korean Intelligence via Radio Pyongyang

Nil Reports

V24

Nil Reports

V26

Nil Reports

Polytones

XPA1 Wed/Fri

May 2026

1210z	13419kHz	1230z	12219kHz	1250z	11419kHz
01/05		424 000 06471 00001 00000 ... 10140			1250z NRH, rest Weak, 1210z TTYQRM S8
06/05		424 1 03917 00104 32866 ... 75670			1210z MISSED, 1230z Weak, 1250z Weak, QSB4 [3m28s long]
08/05		Full msg 3m28s long			1210z TTYQRM5, rest Unworkable
13/05		Nil copy --- LIGHTNING			
15/05		424 1 03917 00104 32866 ... 75670			1210z TTYQRM5, rest Weak
20/05		Message 5m51s long			1210z TTYQRM5, rest Unworkable
22/05		424 1 03769 00337 84244 ... 57773			Courtesy of Ary; 5m51s lg AB FRI

424 424 424 1 424 424 424 1 424 424 424 1
03769 00337 84244 51673 69701 27523 10161 60877 16696 46132
62694 74617 21294 18243 81109 61551 32995 21676 57217 91817
38808 90271 97275 00415 24055 12570 02896 95831 72504 75761
39035 96584 79137 08435 40373 60474 93592 94542 04764 68904
36241 41049 84521 81196 82604 37629 39383 18099 67190 67547
82618 51813 40621 07401 11050 59224 06967 70101 39569 29827
40260 25213 70311 11518 44357 13480 84109 34794 65778 51023
18583 08323 96498 51673 82641 28828 22129 13148 47445 02888
52142 32619 26638 78053 44316 74195 88402 77544 13742 74153
00515 82715 90823 11255 57328 76346 36966 66825 06880 48390
54624 93864 82783 37725 29317 92342 04437 13098 65362 50231
62457 64662 42462 60025 93949 07823 38673 46608 69936 11022
11408 61465 68529 19553 08273 83131 92520 72125 90414 21143
65100 24548 24136 44148 19317 13711 25370 85837 60834 07154
20504 91404 05205 62311 63370 59739 35692 93130 70608 22828
60826 26239 25027 74835 20656 12036 40316 19979 08417 49251
09353 78615 07709 60349 03055 11736 65066 68148 86706 35297
85922 02228 53564 81857 93442 10470 33326 37129 80127 70836
62961 29511 23555 03585 63970 76080 57560 77966 42025 55983
64631 43406 21033 52176 80454 67534 57355 87401 53228 16988
69848 63501 60197 21533 66279 80858 17158 02560 57845 60853
98249 24079 29083 78938 95435 29481 12532 93490 60683 38740
93084 55947 89582 96145 70605 37908 80495 96839 42848 29143
78781 76049 19368 49730 05077 44481 80604 88838 39310 96313
97696 29322 28655 88791 06522 20601 70923 88756 13394 63065
97724 38831 29689 87527 62795 26012 90833 21646 93752 23330
62967 59728 22739 71258 02501 71160 17961 97341 05388 04289
85922 84790 50300 90567 17114 34578 20178 97754 95454 19355
92377 17686 59922 04906 14741 70483 33732 41691 82757 82810
26117 69364 80970 24897 11512 20713 80601 05846 97698 95891
70666 22272 03872 26851 33758 37887 24149 26904 76406 40913
42430 10735 88017 77361 88699 65471 11767 05025 68951 38410
97578 22618 90149 64731 09618 98005 77791 65036 40371 14444
89081 22996 15368 06801 34187 55946 39062 28731 40854 57773
Courtesy Ary

27/05	OFF WATCH!				
29/05	Full msg 5m53s long				1210z TTYQRM5, 1230z Unworkable 1250z NRH

June 2026

1210z	13545kHz	1230z	12145kHz	1250z	11145kHz
03/06		511 1 05424 00213 12396 ... 54143			1250z NRH, rest Weak, 1230z QSB3
05/06		NOT MONITORED			

10/07 511 1 05424 00213 12396 ... 54143

1210Z Weak, QSB3, 1230z Fair, 1250z Unworkable

511 511 511 1 511 511 511 1 511 511 1

05424 00213 12396 75862 13746 32250 85115 26022 52919 97510
85775 32126 23033 28185 83948 20613 78821 33475 99050 70472
01843 81291 70790 91182 86239 99785 44729 36383 39393 24123
54139 16058 31846 07205 38780 21024 89190 47136 62407 53878
50141 71676 23929 67178 20708 54296 34433 24970 37619 44168
40616 15927 29519 55586 31946 79152 51104 08833 64808 73765
58740 49699 89196 92258

29251 52743 64589 91398 35568 71247 12703 93667 36942 93377
77716 67623 46502 16439 87121 71330 54847 78471 78484 27308
44210 84153 95012 87969 13368 66335 16300 44631 11781 10626
26010 62579 40759 86174 21380 64941 81665 39888 66692 40720
69581 44181 61602 11889 48274 91072 23875 61798 07021 70816
12900 34463 27399 65265 62374 99226 58201 28012 14281 82975
29512 22313 20220 36540

61289 58882 87172 64880 37657 49294 63881 21820 25913 12686
54844 45437 62693 81738 67213 18268 84422 13735 75903 07952
42809 56932 53068 77480 51220 94078 89250 08587 31743 79415
67589 70476 78471 54895 33011 65520 06754 59235 15740 89364
86602 33257 97893 50951 99725 92105 30128 70041 11238 47491
47638 19176 43153 29204 34712 23839 89426 57592 39403 76398
33974 08099 23803 66782

32274 85663 45978 91020 64792 11268 34676 09967 73379 71748
11063 25616 42035 99007 95262 93655 39228 11111 19959 17725
94283 16921 11205 54143 Courtesy PLdn

12/06 Very poor copy; 4m36s lg

17/06 Full message, unworkable 4m06s lg

19/06 Full message, unworkable 4m06s lg

24/06 511 1 04723 00165 50412 ... 35644

1230z Weak, rest Unworkable 1210x TTYQRM4

26/06 511 1 04723 00165 50412 ... 35644

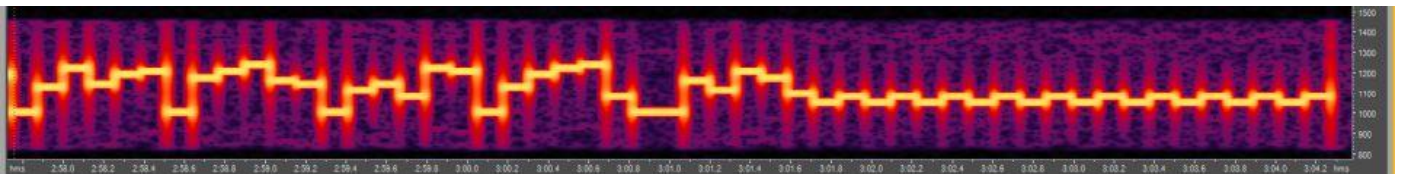
1250z Unworkable, rest Weak, QSB3

XPA2 Mon/Wed (p)

Monday/Wednesday

May 2026

0700z 16336 kHz 0720z kHz 0740z 18053kHz



16336kHz 0700z 04/05 note last space duration twice in length of those preceding

04/05 00568 00188 48943 ... 41750

Via TwenteSDR Last space x2, see above

06/05 00568 00188 48943 ... 41750

0700z Weak, rest Unworkable

11/05 00568 00188 48943 ... 41750

0700z Fair, 0720z Weak, 0740z Strong

00568 00188 48943 88420 03203 43195 53785 15523 45817 76920
14476 03219 29035 35190 68890 15393 93925 25447 65417 75292
94648 67827 26742 49102 40924 14320 76189 04820 59447 95744
37536 54722 94740 26478 04217 78760 96229 41736 67816 80901
96484 31131 56723 69982 03336 94858 43484 14932 88981 23855
87088 36631 65271 06631 48074 19636 86546 13546 60845 25640
35332 85175 09660 28778 92914 79918 76145 96468 31865 93095
43745 43394 36656 57685 37357 21677 97820 06608 04149 59945
19140 38549 47003 46657 37636 80996 80042 32520 11488 08375
98856 34597 84744 55183 80752 60957 57241 33293 51125 11578
85849 96761 53549 85775 78775 47812 55146 74036 02433 79726
03646 48734 62135 04933 48046 13145 15473 94338 63205 96000
39297 66807 94886 59064 63016 04294 74098 73350 02017 27415

77829 19551 51385 84781 99671 09963 00043 71382 74541 41158
 87308 08819 50403 39776 82458 65225 47516 79496 19248 83715
 86475 71581 89417 14670 14545 32488 56283 98334 32271 22161
 28842 96316 13944 06268 32889 95992 38355 07977 22264 43621
 50733 93965 51141 01889 50477 83861 91253 83269 97305 56971
 66599 40682 19614 43242 90484 08356 28367 57943 13387 26899
 41750 *Courtesy PLdn*

13/05 00568 00188 48943 ... 41750

0700z Fair, 0720z Weak, 0740z Fair

18/05 00593 00301 79420 ... 52670

0740z Very strong, rest Strong

00593 00301 79420 82876 56233 34166 75074 61556 23826 89548
 83097 06250 63485 61851 78846 87500 30313 15282 24521 91798
 68850 59680 53470 19656 07437 68842 28058 42701 12193 60014
 50421 48187 13790 05982 15122 73845 31975 98381 52371 59228
 22086 67635 12576 26742 13884 08678 66169 20273 96343 46484
 22123 68120 09772 37133 04355 45645 22666 10511 75445 79331
 82599 89054 48058 10522 56512 83455 14654 13492 13495 88787
 36523 16013 22855 07118 27994 52968 00818 37729 20321 25888
 20190 33261 58867 74407 78604 30719 26592 52095 82820 11843
 85505 08822 19656 74783 83115 96013 33479 73929 30444 48521
 30488 07195 86321 14082 49347 97895 70158 45838 93484 66662
 17378 33656 40117 88955 22498 38834 94320 37470 81705 76176
 93498 91179 31603 19475 65652 71236 13653 49973 06009 15595
 21744 35412 05891 87108 72850 48714 83568 85180 67103 72893
 90514 21883 79588 34501 58311 31135 62016 62825 13103 60690
 32016 86283 20875 44503 75694 03624 83925 88725 87486 43023
 65304 45346 89194 96793 25989 35560 98625 92631 41858 89357
 47598 37419 50164 54296 83691 55911 33604 95503 40446 03349
 39486 58822 34485 31927 20208 82357 18190 93458 69041 71133
 47178 83564 49633 74699 71644 56160 15807 99241 09782 73899
 45653 83329 07695 81257 33038 83364 57373 48878 05996 07360
 16050 30933 40029 72624 31192 02772 59149 42560 46239 83918
 45550 15945 45289 17107 36633 71019 51229 30062 02951 52162
 04827 35198 82033 76897 61165 28837 55986 15783 91334 17910
 22614 57000 63320 37130 32845 22925 93808 00684 24670 89420
 10158 06950 65435 09347 57335 84674 53034 70076 65573 78046
 55408 80971 54230 34074 32003 89125 89188 87464 24017 57933
 96334 38745 32765 04349 01663 21737 76551 56548 75745 71675
 33291 52094 36215 51565 01645 63257 29681 82071 35346 14271
 89721 09911 49092 99600 48335 81420 55939 88570 62694 63603
 92610 99112 72640 52670 *Courtesy PLdn*

20/05 00593 00301 79420 ... 52670

Fair, 0720z QRM2

25/05 00593 00301 79420 ... 52670

Fair, 0720z QRM2

June 2026

0700z 14878kHz 0720z 15863kHz

0740z 16347 kHz

01/06 00589 00139 37626 ... 62024

Fair

03/06 00589 00139 37626 ... 62024

0700z NRH, rest Weak, 0720z QSB3

08/06 00589 00139 37626 ... 62024

0700z Weak, rest Fair Hiram, PLdn MON

00589 00139 37626 22652 82959 32929 86964 53076 48111 32751
 10233 75749 29557 78975 72784 88134 72579 89532 34739 16216
 27277 84938 39245 27453 47873 68401 56154 39105 15061 58135
 97255 28575 14872 17749 94963 01657 00187 46015 82838 88651
 56123 92487 26324 34242 14836 55781 42819 73060 21292 01136
 08940 57702 88203 29566 54752 03008 28404 57689 22076 49553
 20834 52213 65313 05359 24126 84111 83244 74087 63713 81592
 89584 81282 40959 08376 98625 28434 54086 01671 17813 85304
 04038 49455 96800 76279 50148 05644 09252 78036 92117 48512
 95337 33365 12708 02777 70408 65376 77719 39799 42485 20321
 11238 38872 81390 84410 24169 46246 87376 26434 21035 39661
 69598 11789 80561 89582 56813 42473 15264 37605 20722 11854
 72724 70029 11757 12907 74866 11672 86415 81912 26914 20892
 60325 40682 55903 03803 82077 76298 45487 18228 80615 03654
 69481 62024 *Courtesy PLdn*

10/09 00589 00139 37626 ... 62024

0740z Strong, rest MISSED

15/06 03000 00001 00000 ... 10140

0700z Weak, rest Strong

17/06 01769 00001 00000 ... 10140

0740z Fair, rest Strong

22/06 02096 00001 00000 ... 10140

0700z Fair, rest Strong

24/06	06855 00001 00000 ... 10140	Fair
29/07	08768 00001 00000 ... 10140	0700z Fair, rest Strong

XPA2 Mon/Sat

Monday/Saturday

May 2026

1500z	18326kHz	1520z	17411kHz	1540z	16031kHz
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04/05	00951 00193 84061 ... 14601	1500z MISSED, rest Fair
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00951 00193 84061 40830 12523 18733 28337 72892 79300 34592
34627 48633 95388 04065 16644 58623 79229 39871 49654 52379
36379 65130 03321 88734 16444 49760 86667 28408 60005 91328
17670 17528 69094 49852 02784 77927 08271 35969 47299 29865
65151 77934 82546 48222 92000 87867 79210 61484 58356 54252
62341 79562 19303 16267 24825 50274 14455 84787 95558 33390
13858 99351 51894 38481 26880 79809 23098 36480 37774 90086
70728 13154 84248 13419 31455 79369 08629 45475 96891 68029
46072 82208 40762 41301 30150 24710 02764 44198 00798 30647
87258 95161 69510 60119 10132 88597 89187 52762 59818 65646
38336 74280 51925 22894 37542 10345 31089 37487 34899 17737
52780 73740 19591 27054 13774 18359 11266 77374 92615 66437
63399 35314 78915 56399 51343 54561 62508 54389 01645 22920
84994 64187 98692 37960 88557 81119 09991 45767 10660 32298
63598 43298 96563 70404 50048 74678 11209 48375 80852 65280
11814 32409 82617 26463 68255 70633 27086 41485 48115 69220
36176 16859 85896 07641 76555 28364 26633 53776 33941 17502
86179 63706 57714 90866 33901 77919 76537 77081 51160 67317
27382 65883 32622 82220 15705 44406 55082 24394 72977 12058
37685 43410 34165 77859 30151 14601 *Courtesy PLdn*

09/05	NOT MONITORED	
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11/05	09455 00001 00000 ... 35666	1500z Weak, Rest Unworkable
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16/05	NRH, poor condx	
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18/05	03212 00150 15765 ... 12747	1500z MISSED, 1520z Fair, 1540z Weak
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03212 00150 15765 01664 59005 67231 95688 96612 30950 32543
38509 50824 88807 79329 36627 47727 71330 78289 45251 40323
31332 33450 48379 07437 22049 39379 22330 93782 88227 47177
49328 45008 48444 89591 88062 33151 44521 10411 50600 73536
48531 93481 04453 44673 07477 56852 62484 55073 11864 82094
12789 48071 56315 95526 07161 79108 29585 36151 26133 04835
32169 58602 10911 34394 53544 59041 79077 56120 82083 07404
73931 85511 96281 09000 55507 28079 51088 95664 29370 90229
23489 41735 82152 99132 25822 43521 01835 48073 21511 17065
77357 28422 65644 75444 70668 51999 10013 93544 36101 18599
06612 34313 79315 24985 78272 82824 25364 20379 07965 29998
28128 26259 54195 16259 89022 39330 95529 52309 65355 87312
45023 21453 10328 45325 81862 96604 55294 50232 86236 37373
41379 08775 96822 41354 28469 94861 72892 32025 62886 88690
21311 26244 82284 97208 08206 64870 32431 94394 75998 60282
80584 88221 12747 *Courtesy PLdn*

23/05	03212 00150 15765 ... 12747	1540z Weak, rest Fair
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25/05	06824 00001 00000 ... 37260	Fair
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30/05	Null Message 2m11s long	1540z Unworkable, rest NRH
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June 2026

1500z	18043kHz	1520z	17416kHz	1540z	16042kHz
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01/06	MISSED DUE TO LIGHTNING	
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06/06	MISSED	
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08/06	06346 00001 00000 ... 35662	1540z Fair, rest NOT MONITORED
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13/06	NOT MONITORED, off watch	
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15/06	02404 00250 27179 ... 34012	1500z NRH, rest Strong, gc states 250 grps, only 240 received [5m22s lg]
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02404 00250 27179 71377 30645 00504 79692 41092 55765 01290
 49921 90655 16745 37112 55504 95975 34997 39289 38751 04029
 08693 96810 96334 93593 66983 78410 48389 03611 57344 93777
 30313 41071 51391 73352 93402 21858 85186 31858 93715 16223
 67542 26381 81608 66859 14684 83255 68433 34767 58904 62895
 28310 82825 99901 05850 63756 87885 85463 63419 61926 69399
 75121 33900 01495 51481 80736 28907 17965 11143 53321 99056
 39293 91538 91450 42718 22872 37187 29039 14405 67506 28564
 02224 22559 10147 80989 29144 56205 87204 78343 69249 19262
 90380 96555 84730 71219 76999 49607 12368 81162 47408 94445
 50773 43783 63923 62919 06767 44510 79583 40185 78549 97370
 49554 59135 31116 86448 74042 06481 50644 29732 66928 60179
 56164 04606 19478 68747 32457 96861 29102 43116 04889 37049
 59593 95504 72460 40056 71574 40541 91135 79770 43083 52704
 59962 08314 35167 36670 17181 87654 78374 92404 97952 36388
 99060 50757 43227 59813 61200 96267 78844 88942 34254 59540
 53201 33482 20597 04386 24690 75417 67039 25367 27902 46347
 67692 70972 56598 07989 40104 65662 62812 57650 48436 13779
 81729 05657 39792 44201 71776 72037 64260 57714 32218 53922
 01126 34041 40020 77081 93767 26818 93797 89129 64921 44185
 84234 21101 13215 23893 01240 58225 17669 94118 15069 31192
 63398 24386 50937 72047 23123 95869 60778 31570 79555 58339
 50276 01868 28609 00313 00992 26952 08320 41149 53766 96608
 83478 16228 20499 51678 26670 89748 62613 79315 82688 07956
 44024 14952 34012

Courtesy PLdn

20/06	Full message 5m22s lg.	1100z NRH, 1120z 1m06s of intro only, 1140z Weak unworkable
22/06	09437 00001 00000 ... 36664	Fair
27/06	02495 00001 00000 ... 35663	1500z Unworkable, rest Weak
29/06	08762 00090 58984 ... 35526	1500z Weak, QSB3, rest Strong

08762 00090 58984 26231 45752 50238 13000 36485 07463 83304
 16970 72656 02142 24189 56809 61427 83318 19475 01377 32285
 84563 09821 76933 97251 52083 51194 36688 46810 25342 25416
 08254 60626 08886 41622 45567 95988 97767 57887 26971 78010
 60011 26535 68653 29880 89817 48286 24770 78259 28219 44107
 23329 67182 88825 32144 06960 70310 74496 61073 07901 73365
 63812 50080 46284 93126 00003 26893 20170 96266 25650 85703
 44005 07834 58682 16572 63624 64093 33132 82325 10529 36742
 87801 43105 76565 16509 88980 63850 62025 80887 89704 44468
 96303 52939 35526

Courtesy PLdn

XPA2 Tues/Friday

Tuesday/Friday

May 2026

1100z	16159kHz	1120z	14359kHz	1140z	13459kHz
01/05	06526 00001 00000 ... 10140				1140z Weak, rest Unworkable
05/05	03041 00001 00000 ... 10140				1100z NRH, rest Weak, 1140z QSB3
08/05	04927 00001 00000 ... 10140				1100z Unworkable, rest Weak
12/05	08799 00030 81110 ... 67466				1140z Weak, rest Unworkable [Last space 2x duration]
15/05	08799 00030 81110 ... 67466				Weak
19/05	Message 3m42s				Weak, deep fades
22/03	08788 00120 47161 ... 06665				1100z NRH, rest Weak
26/05	Message 4m08s Too weak for manual process				1140z NRH, rest Very weak
29/05	02305 00145 73524 ... 12254				1100z NRH, rest Weak, QSB3/4

June 2026

1100z	15874kHz	1120z	14474kHz	1140z	13374kHz
02/06	Null Message				1100z MISSED, rest Poor copy, unworkable
05/06	NOT MONITORED				

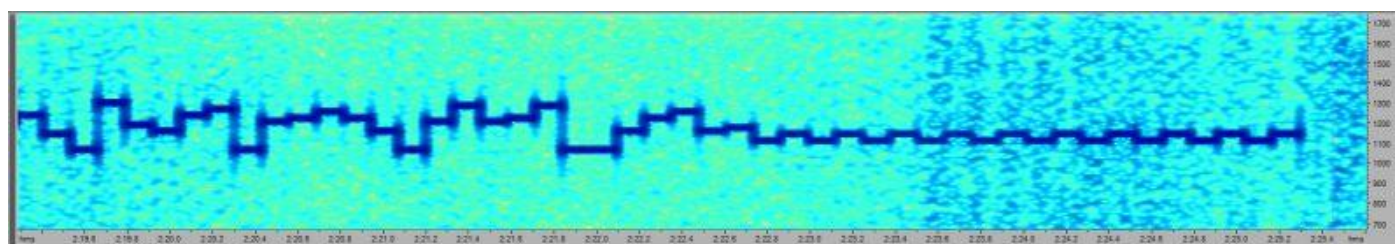
09/06 09003 00001 00000 00140 1100z Weak [S4] Hiram TUE

12/06 Very poor copy, unworkable across schedule

16/06 05821 00183 92701 ... 23354 Fair, 1100/1120z QSB2

05821 00183 92701 35007 01590 55928 42086 92284 53343 72382
12336 33839 66357 92874 90366 60530 07140 85186 21270 67694
60949 76604 56363 27905 01398 67546 60873 79753 12416 92173
87266 81136 87143 59365 24493 27558 36978 65515 34731 65030
26010 13691 00557 33910 67202 73986 12402 51018 30424 64274
45993 34912 77724 35318 79240 51979 89508 47324 72150 58205
44792 41711 12064 47986 19880 60452 75771 39608 32374 76521
50647 28998 45882 53171 91847 91673 47021 27150 75795 14137
14966 61497 67295 41047 99227 11593 77365 49696 97939 03151
22539 48447 61007 76470 74141 49534 32875 37170 72581 54443
16989 39511 42554 57904 32397 80642 74077 12804 43412 37301
13946 22537 38099 77237 64808 62416 44193 62624 24628 76852
21451 07669 83436 82346 92362 01538 19913 96510 65735 42818
91023 61981 76250 57002 10140 03035 64574 18615 61158 74741
77514 65073 50972 37128 42962 13034 38800 60030 23982 30179
61678 23490 52873 11076 23483 15664 33972 73599 77616 65318
22367 79060 02282 35131 78593 45909 86984 12652 14985 49797
89510 52715 43706 03025 76956 15659 72287 99254 66961 71750
23856 18910 80478 28911 51012 23354 Courtesy PLdn

19/06 05821 00183 92701 ... 23354 1140z Weak, rest Fair



End 1120z Transmission 23/06/2026 Note last space

23/06 06355 00168 07268 ... 04601 1140z Unworkable, rest Weak

06355 00168 07286 48452 30032 44649 00664 37218 20251 41196
25475 88113 23014 87193 63127 24396 44471 25938 57220 03479
08877 22426 92839 81428 70981 91225 57630 02712 35898 63850
67212 98828 02288 90963 47933 54126 45597 45234 28329 54847
80557 48557 90928 26051 04876 65228 72193 69050 79711 98148
48224 19740 68588 00782 71050 27633 89861 00555 07239 69220
10128 33441 57291 85302 63715 86439 99386 14873 20892 61450
46409 57909 32937 31720 14610 57777 23436 71805 49802 54553
01160 72193 41006 66178 52141 69483 54014 07322 81542 50984
31446 40493 53178 14424 67503 88868 48584 97531 38010 81314
97665 97781 77159 50495 73667 94504 57186 43932 46655 48641
02924 67072 80308 36576 26364 59053 79785 99821 51625 47148
98589 43800 63013 52466 37677 24377 71437 17088 27888 33820
91774 93577 19086 89796 80829 57660 68230 66048 51981 21237
10241 30884 11293 98691 91653 02916 98837 61250 81454 95092
72722 48882 98046 51218 25246 21218 93682 70359 03877 14957
93217 28066 39729 76438 04782 15259 60355 92057 34640 38348
04601 Courtesy PLdn

26/06 Full message 4m20s lg

30/06 NOT MONITORED

Other XPA2

XPA2

15872 kHz 1800z 08/05 [msg] 1805z Good, QSB MG FRI

09:00 XPA2 18182 kHz
09:20 XPA2 17428 kHz
09:40 XPA2 16321 kHz
XPA2 17428,0 kHz 0920z 06.06.2026 QSA4 QRM1 QRN1 QSB1 Hiram Saturday
09:20:06 XPA2 Start Tones Found (correcting by -22 Hz)

06762 00001 00000 10140 Hiram SAT

11:00 XPA2 18614 kHz
11:20 XPA2 17473 kHz
11:40 XPA2 16136 kHz

XPA2 18614,0 kHz 1100z 11.06.2026 QSA4 QRM1 QRN1 QSB1 Hiram THU

00357 00100 11251 62828 31647 76470 06612 52016 10362 48084
28084 03233 52612 56072 09862 04591 46018 46065 04625 00111
88567 33384 56071 94727 23008 61372 11380 65869 48344 28882
33472 26612 03762 03351 51257 62312 08186 94822 22211 54132
42724 48516 60322 49764 41314 70892 38088 70797 52992 07492
75153 85621 11420 28056 27209 86367 18730 91668 28475 62955
82878 51675 34017 33973 71798 83479 47771 94735 64774 10842
10862 75874 33971 92734 57360 92034 44439 40536 90870 97163
96102 63867 94219 09608 84469 78083 90957 87201 83812 59839
95264 58810 25228 36284 17349 84640 09354 53024 39406 73894
32456 74493 41561 *Courtesy Hiram*

XPB1

Nil Reports

Tones, Hybrids and FSK

HM01

Nil reports

X06 Mazielka (1c) logs section

Date	Day	UTC	Freq	Scale	Monitor	Comments
20260506	Wed	1108-1122	16115	215346	Dave/AU	Alert2 (TX to Mumbai, G25) 1
20260506	Wed	1123-1125	14650	215346	Anon26334	2.2
20260508	Fri	0840	12177	356412	Ary, Andrew	TX to Berlin, G126(1)
20260509	Sat	0756	20158	3-6-1-	Schorschi	X06b before XPA2
20260509	Sat	0758	20158	1--6--	Schorschi	X06b before XPA2
20260510	Sun	1459	14622	6-----	Schorschi	X06d
20260512	Tue	1003-1012	17470	216354	Dave	TX to Chennai, G388
20260512	Tue	1145-1147	11025	612534	Dave	TX to Ashgabat, G89
20260513	Wed	0736-0742	11483	412356	Dave	TX to Budapest, G97
20260518	Mon	0804	14392	532614	Dave	TX to Paris, G147
20260519	Tue	0746-0748	14615	125643	Andrew/SE	TX to Ulanbatar, G383
20260519	Tue	0830-0852	14358	154263	Andrew, Dave	Very long TX to Rome, G148
20260521	Thu	0918-0925	18197	645321	Dave	TX to Ho Chi Minh City, G417
20260524	Sun	1029-1031	14414	145632	Andrew	TX to Algiers, G284
20260528	Thu	0807-0809	16153	153624	Andrew	TX to Damascus, G249
20260602	Tue	0750-0752	15989	125643	Dave	TX to Ulanbatar, G317
20260603	Wed	0633-0639	14405	256341	Andrew	TX to Beirut, G311
20260603	Wed	1115-1118	16115	215346	Andrew	TX to Mumbai, G25
20260603	Wed	1223-1226	17506	231654	Rycat	TX to Abuja, G422
20260604	Thu	0810-0814	19858	351264	Andrew	TX to Abu Dhabi, G440
20260604	Thu	0919-0921	20837	645321	Andrew	TX to Ho Chi Minh City, G410
20260604	Thu	1408	18575	352416	Andrew	TX to Dar es Salaam, G43
20260605	Fri	0847-0852	16219	324615	Andrew	TX to Madrid, G52

20260608	Mon	0808-0810	14871	156234	Andrew	TX to Kampala, G68(2)
20260608	Mon	0941-0944	19235	463125	Andrew	TX to Rabat, G77
20260609	Tue	1003-1006	17470	216354	Andrew	TX to Chennai, G388
20260611	Thu	0806-0810	16153	153624	Dave	TX to Damascus, G249
20260614	Sun	0927-0931	16060	261453	Andrew	TX to Cairo, G138
20260614	Sun	1057-1100	17430	145632	Dave	TX to Algiers, G135
20260615	Mon	0806	11438	532614	Andrew	TX to Paris, G147
20260615	Mon	0835	16350	363636	PLdn	Fair X06a
20260617	Wed	0641-0645	15819	256341	Andrew	TX to Beirut, G169
20260617	Wed	1051	16115	215346	Dave	TX to Mumbai, G167
20260618	Thu	0744-0748	19858	351264	Andrew	TX to Abu Dhabi, G435
20260619	Fri	1012-1020	14824	625413	Dave	TX to Tel Aviv, G193
20260619	Fri	1337-1344	14720	241563	Andrew	TX to Karachi, G187
20260622	Mon	0804	13940	156234	Andrew	TX to Kampala, G203
20260622	Mon	0920-0923	13517	463125	Andrew	TX to Rabat, G222
20260623	Tue	0755-0803	13420	534216	Ary/NL, Dave	TX to Bagdad, G232
20260623	Tue	0812-0814	17523	542136	Dave	TX to Beijing, G88
20260623	Tue	1017-1018	20813	216354	Andrew	TX to Chennai, G228
20260623	Tue	1153-1155	11025	612534	Dave	TX to Ashgabat, G234
20260625	Thu	0652-0655	14419	521634	Ary, Andrew	TX to Bucharest, G261
20260625	Thu	0804	16153	153624	Andrew	TX to Damascus, G249
20260628	Sun	0924-0931	16060	261453	Andrew	TX to Cairo, G285

- 1) 0822 and 0904 UTC: M42/MFSK-66
- 2) Carrier remained till 0811

Many thanks as usual to all contributors to the logs section.

Till next time: Good-bye, and please stay healthy with these hot temperatures

Jochen Schäfer, Numbers-, X06 Database and Teamkopf

Many thanks Jochen !

'E's' NEWSROUND

US News

The Mexican government says two US agents who died in a car crash in a remote location in April were not authorised to operate in the country. The officials, who reportedly worked for the CIA, had taken part in a raid on suspected drug labs in the northern state of Chihuahua before their vehicle skidded off a mountain road and exploded.

Following an investigation ordered by President Claudia Sheinbaum, Mexico's security ministry said that "neither had formal accreditation to participate in operational activities" and that federal authorities had not been informed of their presence. Sheinbaum has come under intensifying pressure from US President Donald Trump to crack down on drug trafficking, but has repeatedly declined offers of US-led counter-narcotics operations in the country. She has been adamant that foreign officials can only operate on Mexican soil if given prior clearance by the federal government, and has insisted the Latin American nation's sovereignty should not be breached.

Mexico's security ministry said on Saturday that immigration records showed one of the agents had entered the country as a "visitor", while the other had travelled on a diplomatic passport. "Neither had formal accreditation to participate in operational activities within national territory," the ministry said in a statement, noting that Mexican law prohibits foreign agents from taking part in operations without federal approval.

US media previously reported that the two individuals, who have not been named, had worked for the CIA as part of an expanded effort to combat narcotics trafficking in the region - a key focus of the Trump administration. Last September, a Reuters investigation found the CIA had been running covert operations in Mexico for years to track down the country's most-wanted drug traffickers.

CIA officer arrested

David Rush, a former CIA official accused of stashing millions in gold bars at his Virginia home is a "master manipulator" who lied to his neighbours about being a pilot and leveraged his "access to seniority", US prosecutors say.

The government also says it found millions of dollars in cash and dozens of luxury watches during its search. At a hearing in Virginia on Friday, government lawyers said Rush "cannot be trusted" and was "fully willing and able to skirt the rules". Rush is a former senior executive in a US government agency in Virginia (CIA) and had top secret clearance and access to special classified programmes. Between November 2025 and March 2026, Rush received gold bars and foreign currency for "work-related expenses", according to court filings. But he allegedly did not document what he did with them and the CIA was unable to locate the bars. It is reported that he set up a fictitious espionage

operation and got others to join this non-existent programme. The FBI found more than 300 gold bars worth about \$40m (£29.6m) at his home last month, as well as \$2m (£1.48m) in cash and more than 30 luxury watches.

They have also alleged he fraudulently took military leave with pay after being honourably discharged from the US Navy, and that he lied about his education and military service when applying for his job. He said he was a Captain in the US Navy Reserve but he was a lieutenant. Rush is accused of falsely telling employers he had been a military pilot. He was reportedly vetted and polygraphed which according to the US media failed to reveal that he was a pathological liar. He apparently served at the CIA for many years and got promoted on a false CV.

US commentators say that vetting failed, management failed and physical security allowed hundreds of pounds of gold to be removed from government buildings undetected. This has alarming security implications; how would foreign nationals feel about working for an organisation which is run like this? How many more people are on the payroll with false CVs and personality flaws? Corruption at the top of government leads to corruption lower down. If people can easily steal gold from the US government, then presumably the same applies to information which is far easier to extract.....

Europe-wide news

Russian activist Vladimir Osechkin lives under constant police protection, a necessity since 2022 after French officials said Russia was attempting to assassinate him. The gravity of this threat was seen in April 2025, when a group of Russian men reportedly staked out Osechkin's home in southwestern France for several hours, capturing videos and photos for a possible assassination. Years prior, Osechkin recalled seeing a red dot, which he believed to be a laser sight for a gun, appear on his wall.

This is not an isolated incident. Across Europe, a disturbing pattern of alleged Russian assassination plots has emerged. Last year, Lithuanian authorities thwarted attempts to kill a Lithuanian supporter of Ukraine and another Russian activist. Germany has similarly disrupted two plots: one targeting the head of a German weapons company supplying Ukraine, and another against a Ukrainian military official. In 2024, Polish authorities arrested a man implicated in a scheme to assassinate Ukrainian president Volodymyr Zelenskyy. That same year, a Russian military helicopter pilot who defected was killed in Spain, with Russian operatives considered the prime suspects.

Three Western intelligence officials from different countries confirm a significant escalation in targeted killings since Vladimir Putin's invasion of Ukraine. This is more blatant and covers military defectors and Russian activists and foreign supporters of Ukraine. This is a campaign to undermine European countries that support Ukraine, including 191 acts of sabotage, arson and other disruption linked to Russia by Western officials mapped across Europe since the beginning of the war. Many accused in that campaign are people who were recruited as cheap proxies for Russian intelligence operatives. The fact that most of the plots made public by Western officials since 2022 have been foiled could indicate that it's harder for Moscow to carry them out with proxies rather than its own operatives. However, the attempted killings may serve additional purposes such as scaring the Kremlin's opponents into silence and wasting European law enforcement and intelligence resources. Targets will likely never be safe and Russia can clearly kill people if it wants to. This activity will highly likely continue. When the Ukraine war finally ends will Russia seek vengeance against us and more resources will be freed up for such operations?

military intelligence service. Five Eyes warns China's spies "seek to acquire privileged military, political and economic intelligence that can provide China with a strategic and tactical advantage".

UK News

Chinese intelligence operation

A UK immigration officer has been found guilty of working for Chinese intelligence as part of a "shadow policing operation". Chi Leung "Peter" Wai, 38, used his access to the main immigration database to track Hong Kong dissidents based in the UK. He was found guilty under the National Security Act of assisting a foreign intelligence service alongside Chung Biu "Bill" Yuen, 65, who was initially his contact with the Hong Kong authorities. Wai was also found guilty of misconduct in public office.

Wai started working as a Border Force officer at Heathrow Airport in December 2020, which gave him access to a vast database of information about foreign nationals in the UK. He searched it on his days off and sick days, earning money on the side by tracking Hong Kongers who had fled pro-democracy crackdowns for his Chinese contacts. There seems to have been no checks on his access to the database to prevent him doing this.

But he had been providing information on dissidents before then, referring to them in messages as "cockroaches". Yuen became his contact with Chinese authorities. A former Hong Kong police officer, he worked as the office manager of the Hong Kong Economic and Trade Office (HKETO) in London.

The pair were introduced in 2017 and by the middle of 2021, Wai was reporting directly to Yuen about the activities of Hong Kong dissidents and pro-democracy protesters in the UK. Wai also drew a fellow Border Force officer, an ex-Royal Marine called Matthew Trickett, into his surveillance of Hong Kong dissidents, the court heard. Trickett was found dead in a suspected suicide soon after they were caught by counter-terrorism police.

Wai, who holds both British and Hong Kong passports, had many jobs - including as a Metropolitan Police officer from 2015 to 2019. He was in the Royal Navy for eight years, and worked for a

company providing security for events in Chinatown. Wai had also set up his own company, DS Security. After leaving the Met, he became a volunteer constable for City of London Police. Sentencing update: Chi Leung "Peter" Wai, 40, was sentenced to 10 years and Chung Bui "Bill" Yuen, 65, given an eight year term after being found guilty of assisting a foreign intelligence service, an offence under the National Security Act.

Chinese intelligence warning

Chinese spies are posing as recruitment agents to trick UK government and military staff into disclosing state secrets, MIS has warned. In a joint warning issued in a bulletin by the Five Eyes alliance, made up of UK, US, Australia, Canada and New Zealand agencies, it warned undercover operatives are using legitimate sites including LinkedIn, Indeed and Upwork to advertise fake analyst jobs. Applicants are then pressured into revealing "non-public" information which can be used by the Chinese military intelligence service. Five Eyes warns China's spies "seek to acquire privileged military, political and economic intelligence that can provide China with a strategic and tactical advantage".

The Five Eyes bulletin says Chinese agents post fake job adverts online before sifting through applicants' CVs to identify candidates worth exploiting. Virtual interviews are carried out to discover if they have access to key areas of interest, like government contacts or military activities. The last stage sees job hopefuls asked to write trial reports on topics including China's international relations or defence. Recruits are then paid up to a thousand dollars per report through payment platforms.

MI5 Bomb Hoax

An asylum seeker who left a fake stick of dynamite outside the headquarters of MIS has been jailed for two and a half years for carrying out a bomb hoax. Brazilian national Julian Valente Pereira, 32, staged the protest at Thames House in Millbank on 1 January, a day after his final appeal for asylum was dismissed. Pereira was found guilty in February at City of London Magistrates' Court of placing an article with the intention of inducing another to believe the item was going to explode. Sentencing him at the Old Bailey, Judge Mark Lucraft KC said the defendant "may well" be deported from the UK.

RAF VIP aircraft jammed

An RAF jet which was carrying defence secretary John Healey had its signals jammed as it flew near the Russian border. Mr Healey had been visiting British soldiers in Estonia and was travelling back to the UK when the electronic attack happened. It is thought Russia was behind the incident. Smartphones and laptops were unable to connect to the internet and pilots had to use a different navigation system as the plane's GPS was disabled for the entire three-hour flight. A defence source said: "This is reckless Russian interference, but the RAF is well prepared to deal with this activity."

GCHQ speech

Almost 500,000 Russian soldiers have been killed since it launched its full scale invasion of Ukraine in 2022, according to the UK's largest spy agency. The numbers were revealed by GCHQ director Anne Keast-Butler in her inaugural public speech as she set out the threats facing the UK and the measures she believes need to be taken to confront them.

The spy chief warned the UK is at a "moment of consequence" with Russia "relentlessly targeting" critical infrastructure across the country.

MOD Security Breaches

Metro reports that more than 40 suspected security breaches are being reported to the Ministry of Defence every day. Close to 19,000 incidents that could have compromised British defence assets were flagged to officials from January 2025 to February 2026. This included thousands of reports of lost hardware, such as phones and laptops, as well as assets classed as attractive to terrorists. Defence personnel also raised questions over dozens of occasions where people were left unaccompanied on defence sites and more than 20 suspected undeclared relationships with nationals from restricted countries.

Data obtained has revealed that almost 19,000 security incidents were reported through the MoD's Security Incident Reporting Form (SIRF) in 2025 and the first two months of 2026, an average of 45 a day.

Spy camera in government building

The discovery of a "secret spy camera" has sparked espionage fears over the Chinese mega-embassy in London. A hidden camera was uncovered by security officials within a suite of offices which houses the Home Office and the Department for Housing, Communities and Local Government (MHCLG).

The revelation of the hidden camera located in the offices on Marsham Street in Victoria, central London, has sparked espionage fears as the building had been involved in the controversial planning application for the China's proposed mega-embassy.

A source familiar with the incident - which occurred in the last two months - told the i Paper the Security Services had been informed. What remains unclear is who placed the camera in a sensitive location and how long it was there. The device was discovered in a communal area of a shared building used by multiple civil servants and not in or near ministerial offices.

There is no suggestion the camera was planted by Russia or China-linked actors.

Hungarian News

The new Hungarian government led by Péter Magyar reportedly intends to shut down the so-called “logistics hub” of Russian intelligence in Budapest and will soon receive a classified list of Russian undercover agents for their subsequent expulsion.

According to investigative journalists, local counterintelligence has prepared an updated document containing the names of more than a dozen identified officers of Russia's Foreign Intelligence Service (SVR) and the Main Directorate of the General Staff (GRU), who are still operating in the Hungarian capital under diplomatic cover.

This decisive move by the new administration is aimed at closing a long-standing counterintelligence gap in the European Union and NATO security system, eliminating a convenient operational base that Russian intelligence services have reportedly used for subversive operations across the Schengen area.

According to sources in security services, Hungarian counterintelligence agencies had already “attempted similar measures and submitted a comparable list to the government of Viktor Orban shortly after Russia’s full-scale invasion of Ukraine in February 2022. However, at that time, proposals for mass expulsions of Russian diplomats were rejected by the country’s leadership, leaving Hungary as one of the few EU and NATO member states that did not participate in coordinated expulsions of Russian agents across Europe.

Instead, under the previous government, counterintelligence operations relied on so-called “quiet expulsions,” where suspected Russian spies were discreetly sent back to Moscow without public statements, in order to avoid provoking the Kremlin. Because of this policy, SVR and GRU residencies based in the Russian embassy on Bajza Street in Budapest remained largely intact and retained significant operational capacity.

As of now, Hungarian authorities have not issued a formal statement regarding the reported transfer of the secret list to the press or the exact timeline for further expulsions, but counterintelligence pressure on the alleged espionage hub in Budapest is reportedly increasing rapidly.

Polish News

The ABW said on Wednesday that Russian, Belarusian and Chinese intelligence activity against Poland has intensified, with espionage investigations in the past two years matching the total recorded over the previous three decades.

The agency, Poland's domestic counterintelligence and security service, said it opened 69 espionage investigations in 2024 and 2025. That was the same number as in the entire period from 1991 to 2023. Forty-eight of the new investigations began in 2025 and 21 in 2024.

Since Russia launched its full-scale invasion of Ukraine, 91 people have been given the status of suspects, while 82 have faced charges linked to various forms of espionage under Poland's Criminal Code. The agency said it had detained 62 people.

The report points to a sharp increase in hostile activity by Russian services, closely cooperating Belarusian services, and Chinese intelligence. Poland has been one of Ukraine's key political, military, and logistics supporters since 2022, making it a major target for espionage, sabotage, and disinformation operations.

The ABW said Russia's activities toward Poland include attempts to discredit the country internationally, weaken public trust in the state and its institutions, and promote pro-Russian, anti-system, anti-European Union, and anti-NATO narratives. It said Russian operations also aim to polarize and intimidate Polish society and exploit historical tensions, especially in Polish-Ukrainian relations. The agency said its counterintelligence officers, working with other services, had prevented attempts to attack identified anti-Putin activists. It also said Russian operations were becoming more professional, with networked sabotage cells built around closed organized-crime structures.

The report said some foreign agents were being trained on Russian territory for terrorist activity, with foreigners making up a large part of those recruited. In 2025, the ABW launched a Telegram chatbot in Polish, English, Ukrainian and Russian. The tool allows people to report contact by foreign services, especially offers to carry out sabotage, reconnaissance of targets, or other hostile activity. The agency said the effects of its work went beyond criminal proceedings. It said counterintelligence operations had stopped specific foreign intelligence activities through entry bans, expulsions from Poland, and decisions to refuse or revoke accreditation for representatives of foreign states.

The report said Belarusian services continue to treat Poland as a priority operational target. Their activity is focused partly on infiltrating and disrupting Belarusian opposition communities in Poland. Many Belarusians fled to Poland after the repression that followed the disputed 2020 presidential election in Belarus.

The ABW said Belarusian military intelligence also cooperates closely with Russia and works to identify Polish and allied military sites, as well as critical infrastructure. It said Belarusian services conduct mass recruitment on Belarusian territory and then try to send agents to Poland. The agency warned that in 2024 and 2025, Belarusian citizens were increasingly targeted for recruitment through blackmail and direct coercion.

The report also warned of growing Chinese intelligence activity in Poland. It said the People’s

Republic of China uses economic expansion in the region to gain influence over the economy and politics, while Poland is subject to pressure and lobbying. It warned that Chinese officers had tried in the past two years to recruit experts, scientists, officials, and people linked to Poland's security ministries under the cover of well-paid assignments.

Norwegian News

Norway has arrested a Chinese citizen on suspicion of attempted espionage, in the second such case this month. The man was suspected by the PST security service of "attempted illegal intelligence activities in Nordland". The man was later remanded in custody for four weeks, although his lawyers rejected the allegations.

In the earlier case, according to PST prosecutor Thomas Blom, a woman was accused of using a company registered in Norway "as a cover for an attempt by a Chinese state actor to establish a receiving station to download data from satellites in the polar orbit".

The suspect, identified only as a Chinese woman, allegedly attempted "to establish a receiver for downloads from satellites in polar orbits suitable for collecting data that could harm fundamental Norwegian interests if it becomes known to a foreign state.

Norwegian authorities had conducted searches at two locations linked to the arrest — a site on a northern island hosting the Andoya Spaceport, a vital component of Europe's space ambitions, and another in Innlandet in the south.

Austrian News

Former intelligence official Egisto Ott has been found guilty of spying for Russia, in what has been dubbed Austria's biggest spy trial in years. A jury in Vienna found Ott, 63, guilty of having handed over information to Russian intelligence officers and to Jan Marsalek, the fugitive executive of collapsed German payments firm Wirecard.

Ott, who denies the charges, was sentenced to four years and one month in prison. His lawyer has appealed against the verdict. The spy scandal has revived fears that Austria remains a hotbed of Russian espionage activity. In addition to spying, Ott was found guilty of misuse of office, bribery, aggravated fraud and breach of trust.

The court heard how he had supported "a secret intelligence service of the Russian Federation to the detriment of the Republic of Austria" by collecting secret facts and a large amount of personal data from police databases from 2015 to 2020. Prosecutors said Ott gave this information to Marsalek and unknown representatives of the Russian intelligence service, and received payment in return.

Marsalek, who is also an Austrian citizen, is wanted by German police for alleged fraud and is currently believed to be in the Russian capital, Moscow, having fled via Austria in 2020. Alleged to be a Russian intelligence asset, Marsalek is the subject of an Interpol Red Notice and, as such, could be arrested if found in the territory of any of the countries belonging to the 196-member international police organisation.

Prosecutors told the court that Marsalek commissioned Ott to obtain a laptop containing secret electronic security hardware used by EU states for secure electronic communication. The laptop, they said, was handed over to the Russian intelligence service. Ott was also found guilty of having passed phone data from senior Austrian interior ministry officials to Russia. He obtained the work phones after they accidentally fell into the River Danube on an interior ministry boating trip. The court heard how he copied their contents and passed them on to Marsalek, and Moscow. The prosecution told the court that Ott was "not romantic about Russia", but had acted out of financial motives and frustration with work.

Russian News

A car bomb in the Moscow region in early June killed a general in charge of heavy ammunition supplies for the Russian army, reports said. The car exploded in Balashikha, killing its driver. He was named as Damir Davydov, head of the Russian defence ministry's missile and artillery wing. A second car bomb was discovered and blown up by authorities in south-west Moscow, reports said. Throughout the war several brazen assassinations have taken place of senior figures involved in Moscow's war effort, with Ukrainian security services either claiming responsibility or being blamed by Russian authorities.

Iranian News

According to Iranian media, Mehdi Farid, an Iranian defence worker was hanged at an undisclosed location on 22 April 2026. He was sentenced to death on the charge "intelligence collaboration and espionage for the Mossad service."

According to the official account, Mehdi was the head of a defence committee in a sensitive state organisation. He initiated contact with Mossad online and transmitted classified data regarding his organisation. The case alleged that he subsequently received cash in euros during a covert meeting in Tehran, which he used to purchase secure communication devices and set up an encrypted network. The accusations culminated in a "technical phase" where Mehdi allegedly received specialised training and attempted to sabotage his organisation's internal network and servers using hardware and malware, including a Trojan-infected flash drive, provided by Israeli intelligence.

Many more espionage cases are pending. In early April Iranian intelligence forces dismantled a spy network in the northwestern province of West Azarbaijan, seizing a significant cache of advanced espionage and communication equipment, and arresting a spy along with several separatist militants.

A statement from the Public Relations Department of Iran's Ministry of Intelligence revealed that authorities intercepted a large shipment of sophisticated spying devices, including 45 units built in the US and Israel, as they were smuggled into the country via northwestern borders. The devices were reportedly intended for distribution among operatives nationwide.

Israeli News

An unnamed 14-year-old Israeli citizen has been indicted on espionage charges for allegedly carrying out tasks for Iranian intelligence in exchange for crypto-currency payments. According to prosecutors, the minor from central Israel was recruited via Telegram in April 2025 and communicated with an Iranian agent who transferred over \$1,170 into his digital wallets. The teen allegedly completed several assignments, including filming the Kirya military headquarters in Tel Aviv, taking videos near Sourasky Medical Center and in Ramat Gan, and spraying pro-Iranian graffiti.

Prosecutors filed an indictment with the Jerusalem District Court against another Israeli citizen, Ali Jaber, alleging that he knowingly maintained contact with a foreign agent tied to Iranian intelligence and conveyed information that could aid the enemy. Recruited via Telegram by an operative named "Joan" under the guise of temporary work, Jaber completed several paid assignments, including photographing a traffic circle in Eilat and a room inside the Ovda Air Force Base where he was employed for renovation work.

Four Israelis were arrested in recent weeks on suspicion of jointly spying for Iran, in what appears to be a serious but still largely undisclosed security case. They are being investigated by the Shin Bet (Israeli security) and police. While a gag order was imposed in this case, some Israeli media sources suggested that Iranian intelligence tasked the soldiers with carrying out various missions, including photographing sensitive facilities. After the gag order was partially lifted it was reported that the ringleader was paid to manufacture explosives in his apartment, and possibly assassinate former PM Naftali Bennett.

There seems to be a pattern here, likely part of a broader trend of Israeli citizens involved in espionage activities on behalf of Iran. This phenomenon is not only a major security challenge, but also an alarming problem of an unprecedented number of people suspected of such acts and who they are. What once seemed the realm of extreme ideological activists, misfits, criminals or professional agents has, in recent years, evolved into a more serious issue: ordinary Israelis, often with no prior ideological commitment or security record, Jewish and non-Jewish, recruited into hostile intelligence-gathering operations for cash, excitement, or a sense of purpose with no regard for the consequences. It is bad enough in peacetime but is far more serious in wartime.

The numbers remain relatively small but the trend is striking. Since the outbreak of the Gaza war in October 2023, Israeli authorities have identified dozens of cases involving Israeli citizens spying for Iran. By mid-2025, at least 45 suspects had been arrested in 25 separate cases, with charges filed against around 40 of them. According to Shin Bet, 25 individuals were indicted for Iranian espionage last year alone. The government reported a 400% increase in such activity compared to 2024. This is likely to be not just more arrests, but acceleration in Iranian recruitment and spying efforts. At least 120 separate Iranian spying operations were thwarted in Israel in a single year, indicating that the known cases are a snapshot of activity. Even more worrying to Israel is the diversity of those involved. Investigations have shown that recruits range from teenagers (as young as 13) to soldiers and middle-aged civilians, Jewish and non-Jewish. This suggests a broad recruitment effort rather than specific targeting.

The suspects are not often ideologically pro-Iran or anti-Israel. Instead, three characteristics seem to be present. First, many suspects were recruited with small sums of money often hundreds or a few thousand dollars per job. The Israeli government itself launched a publicity campaign called "Easy Money, Heavy Price," highlighting how central cash inducement had become. This shows that espionage is no longer primarily driven by ideology or coercion, but by a "gig-economy" that involves small tasks, no real commitment and gradual incremental escalation.

Many of those recruited appear to come from poor, low status backgrounds: teenagers, recent immigrants, or individuals with lousy jobs. Some lacked a sense of belonging or were susceptible to manipulation on the internet. Iranian case officers reportedly exploited this vulnerability through social media, posing as friendly contacts before gradually making requests. The progression often began with innocuous tasks such as taking photographs or gathering open source information before escalating into more dangerous and illegal activity.

Many suspects apparently appear to be blind to the gravity of their actions. They transition from being a nobody to a covert warrior for the other side. Some viewed their activities as low-level or even harmless, despite passing on information about military bases, air defence systems, or the homes of senior officials.

The operational tasks assigned to these recruits are often low-tech, but valuable. They photograph sensitive locations, including military installations and infrastructure, monitoring movements of senior political figures, high-level officials, or military forces and installing surveillance devices near key facilities. All useful data for sabotage or assassination.

In one case, a network of Israeli citizens reportedly carried out hundreds of missions, collecting intelligence on air bases, missile defence systems and government facilities. Even trivial data can become highly valuable when collected and assessed with other material particularly if artificial intelligence is applied to the process. | wonder if they also do SIGINT?

It is a clever tactic, like that used by the Russians in Europe. Rather than relying solely on highly trained agents, pursue a large recruitment model, casting a wide net and accepting a lot of failure but having an occasional success. Iran is probably less concerned with the quality of individual agents than with the total take of the intelligence they can provide or covert actions achieved.

This activity shows the fractures and division in Israeli society. Even in a war, it appears that not all Israelis are on the same page and loyalty is strained in these difficult times. When contact with Iranian intelligence begins as an online talk, the line between social interaction and treachery becomes thin and blurred. This continues despite stiff prison sentences but many people are likely still getting away with it. This occurs in a security-minded vigilant state like Israel; imagine what is happening in open, liberal Europe with a far larger population and closer proximity to Russia?

Espionage is no longer confined to a few covert operatives crossing borders under fake names. It is increasingly internal and on-line. The strain of a deeply divided society, external attacks, terrorism, widening economic gaps, and the pressure of conflict with neighbours and an uncertain future will add to trust being eroded and lack of national cohesion. No doubt there will be more arrests and recruitments in the coming months in a never-ending conflict.

Taiwanese News

Taiwan's intelligence agency said on Sunday it is establishing an information-reporting channel for Chinese nationals to offer tips securely, at a time when tensions between Beijing and the self-ruled island remain elevated.

In a statement, Taiwan's National Security Bureau said they are launching a webpage that will act as a secure channel for Chinese nationals to provide intelligence-related information, saying that an increasing number of people have recently approached relevant agencies in Taiwan wishing to "provide various types of information."

Cuban News

US officials have raised concerns that Russia and China are expanding intelligence operations in Cuba, increasing Washington's anxiety about foreign surveillance activity close to American territory.

US intelligence assessments reported by The Wall Street Journal said Beijing and Moscow have upgraded electronic surveillance facilities on the island and increased the number of intelligence personnel there since 2023. Officials said the sites are positioned to monitor US military activity in the southern American state of Florida, including communications linked to US Central Command in Tampa and US Southern Command near Miami, according to the newspaper.

The assessments identified 18 known signals-intelligence sites in Cuba. US officials said China operates three sites, while Russia operates two, with some facilities believed to be run jointly with Cuban authorities. The remaining sites are understood to belong to Cuba. Washington sees the developments as part of a broader effort by US rivals to strengthen their presence in the Western Hemisphere.

The Trump administration has used the intelligence findings to support a tougher stance toward Havana, arguing that Cuba has become a platform for Russian and Chinese operations near the US mainland. Cuban intelligence activity has also reportedly increased around Guantanamo Bay, the US naval base on the island.

US officials said Russia and China share some intelligence with Havana, though they are believed to keep most of the collected information for their own use. The US has responded by stepping up surveillance of Cuba, including drone flights and satellite monitoring, following a directive from former Director of National Intelligence Tulsi Gabbard.

Some former US officials have questioned whether the latest findings represent a major new threat, noting that Russian and Chinese intelligence activity in Cuba has been known for years. Critics argue the timing of the warnings may also reflect the administration's broader push to justify stronger action against Havana.

If HM01 reactivates will this invite stronger US action? How do the Cubans communicate with those assets or are they still in place? That is an ENIGMA.....!

Thanks 'E' for another cracking Newsround

GIZZA JOB



Chart Section Index

Predictions

M01 Schedule

Polytones, XPA1, XPA2

En155

July 2026

PREDICTIONS

Daily Calendar

JULY 2026

Zulu Time

	Fam 3 [E11/S11a]	E07	V32 0200 or 1800z	XPA1	XPA2	XPA2 M/W(p)
SUN	0600 9150 0700 7377 0830 5149 1605 5231 1645 5082 1745 14410 1815 12229 1910 9610		7842 or 7910 or Search			
MON	0315 18511 0510 16357 0645 10508 0830 16335 0845 12815 0900 11116 0915 6814 1045 12089 1300 5737	1745 14410 1900 7600	7842 or 7910 or Search		Mon/Sat 1500 <u>18033*</u> 1520 17416 1540 16091 *adjust	Mon/Wed 0700 14837 0720 15854 0740 16326
TUE	0445 9968 0645 11092 0700 8680 0715 12530 0745 14940 0820 17378 0845 19184 1000 12153	1205 8274 1400 9448 1605 5231	Tue/Fri 1500 16232 1520 18332 1540 19132	7842 or 7910 or Search		Tue/Fri 1100 14958 1120 13958 1140 12158
WED	0315 18511 0510 16357 0820 17378 0845 12815 0900 11116 0930 6923 1045 8845	1400 9448 1430 12984 1610 4783 1715 7863 1850 12457		7842 or 7910 or Search	Wed/Fri 1210 13368 1230 12168 1250 11168	Mon/Wed 0700 14837 0720 15854 0740 16326
THU	0315 8565 0445 9968 0645 11092 0700 9331 0720 7984 0745 14940 0820 6252 0845 19184 0930 6923	1300 5737 1530 10356 1645 14575 1730 8088 1900 7600 2000 5409	Thu/Sat 1000 19235 1020 18368 1040 17421	7842 or 7910 or Search		
FRI	0600 9150 0700 8680 0715 12530 0820 6252 0830 16335 0915 6814 1000 12153	1400 9448 1715 7863 1815 12229 1910 9610	Tue/Fri 1500 16232 1520 18332 1540 19132	7842 or 7910 or Search	Wed/Fri 1210 13368 1230 12168 1250 11168	Tue/Fri 1100 14958 1120 13958 1140 12158
SAT	0700 7377 0830 5149 1430 12984 1610 4783 1645 5082 1850 12457		Thu/Sat 1000 19235 1020 18368 1040 17421	7842 or 7910 or Search		Mon/Sat 1500 <u>18033*</u> 1520 17416 1540 16091 *adjust

PREDICTIONS

Daily Calendar

AUGUST 2026

Zulu Time

	E11/S11a	E07	V32 0200z & 1800z	XPA1	XPA2	XPA2 MW[p]
SUN	0600 9150 0700 7377 0830 5149 1605 5231 1645 5082 1745 14410 1815 12229 1910 9610		7842 or 7910 or Search			
MON	0315 18511 0510 16357 0645 10508 0830 16335 0845 12815 0900 11116 0915 6814 1045 12089 1300 5737	1745 14410 1900 7600	7842 or 7910 or Search		SEARCH MSa 1500 1520 1540	SEARCH MW 0700 0720 0740
TUE	0445 9968 0645 11092 0700 8680 0715 12530 0745 14940 0820 17378 0845 19184 1000 12153	1205 8274 1400 9448 1605 5231	Tue/Fri 1500 17453 1520 18353 1540 19253	7842 or 7910 or Search	TuF 1100 13887 1120 12187 1140 10387	
WED	0315 18511 0510 16357 0820 17378 0845 12815 0900 11116 0930 6923 1045 8845	1400 9448 1430 12984 1610 4783 1715 7863 1850 12457		7842 or 7910 or Search	Wed/Fri 1210 13491 1230 12191 1250 10691	SEARCH MW 0700 0720 0740
THU	0315 8565 0445 9968 0645 11092 0700 9331 0720 7984 0745 14940 0820 6252 0845 19184 0930 6923	1300 5737 1530 10356 1645 14575 1730 8088 1900 7600 2000 5409	Th/Sa 1000 18241 1020 17456 1040 15937	7842 or 7910 or Search		
FRI	0600 9150 0700 8680 0715 12530 0820 6252 0830 16335 0915 6814 1000 12153	1400 9448 1715 7863 1815 12229 1910 9610	Tue/Fri 1500 17453 1520 18353 1540 19253	7842 or 7910 or Search	Wed/Fri 1210 13491 1230 12191 1250 10691	TuF 1100 13887 1120 12187 1140 10387
SAT	0700 7377 0830 5149 1430 12984 1610 4783 1645 5082 1850 12457		Th/Sa 1000 18241 1020 17456 1040 15937	7842 or 7910 or Search	SEARCH MSa 1500 1520 1540	

M01 FREQUENCY LIST

Frequencies may vary by a few kHz

JAN FEB NOV DEC

M01/1

197

DAY	TIME UTC	FREQ kHz
TUE / THU	1800	5320
TUE / THU	2000	4490
SAT	1500	5810
SUN	0700	5465

MAR APRIL SEPT OCT

M01/2

463

DAY	TIME UTC	FREQ kHz
TUE / THU	1800	5475
TUE / THU	2000	5020
SAT	1500	6260
SUN	0700	6510

MAY JUNE JULY AUG

M01/3

025

DAY	TIME UTC	FREQ kHz
TUE / THU	1800	5280
TUE / THU	2000	4905
SAT	1500	6435
SUN	0700	6780

XPA1 Wednesday/Friday schedule

Zulu >	XPA1 Wed/Fri Schedule		
Month v	H+10 1210 / 1310z	H+30	H+50
Jan	14852	13952	11552
Feb	14374	13374	11474
Mar	14451	13451	12151
Apr	13368	12168	11168
May	13419	12219	11419
June	13545	12145	11145
July	13368	12168	11168
Aug	13491	12191	10691
Sept	12137	11137	10237
Oct	14564	13564	11464
Nov	13875	13375	10875
Dec	13465	12165	10265

XPA2 p Schedule [Mon/Wed]

Zulu >	XPA2 Sched p		
Month v	H 00 0700 / 0800z	H+20	H+40
Jan			
Feb			
Mar	17459	18578	19101
Apr	16342	17454	18345
May	16336	17462	18053
June	14878	15863	16347
July	14837	15845	16326
Aug			
Sept			
Oct			
Nov			
Dec			

SPECIAL MATTERS

Thanks to all our contributors:

Ary, BR, dMHZ, DanAR, Darryl, E, Gert, Hiram, HJH, Jochen, JPL, MG, PLdn, PoSW, RNGB

Apologies to any missed



MESSAGES:

E: Many tnx your continued excellent input; hope all goes well.

RELEVANT WEBSITES

ENIGMA 2000 Website:

<http://www.enigma2000.org>

Frequency Details can be downloaded from:

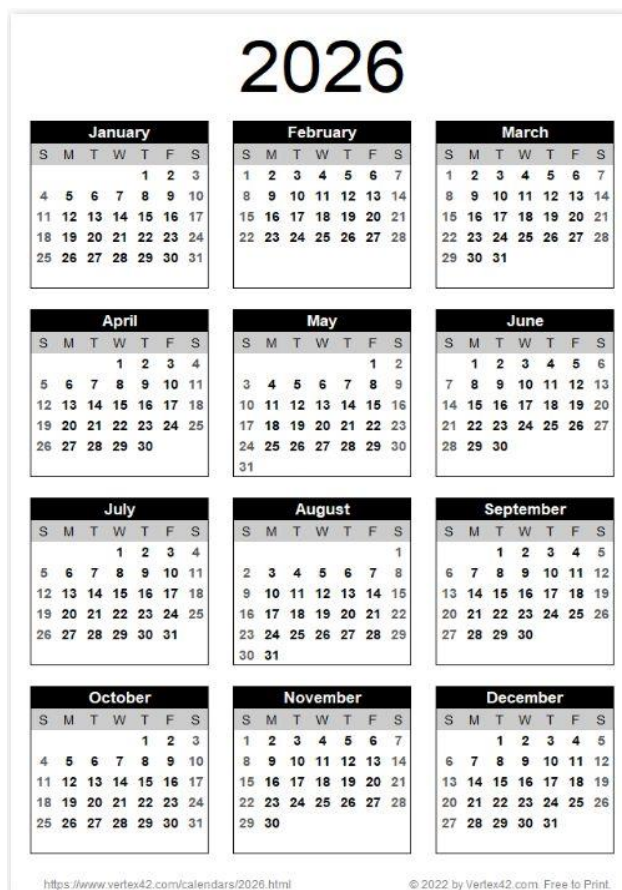
<http://www.cvni.net/radio/>

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/>



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