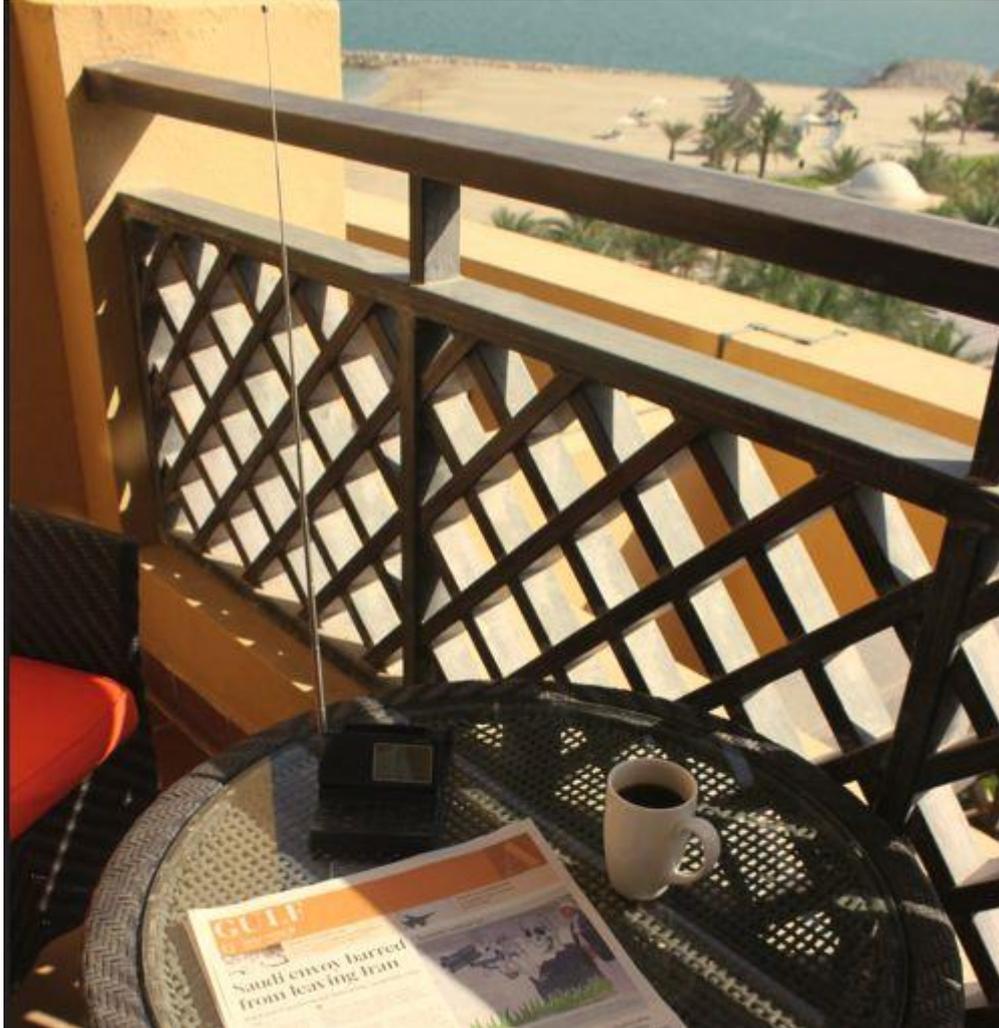


ENIGMA 2000 Newsletter



www.enigma2000.org



Ras al Khaimah 2013 listening to Number Stations. Note the headline: ‘Saudi Envoy barred from leaving Iran’

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Editorial

Following a short email from H-FD's daughter I was moved to post the following message on Group:

It is with deep regret and sadness that I write to inform you of the sudden, and most untimely, death on 8th January 2026 of our long term member Hans-Friedrich Dumrese.

Hans-Friedrich contributed to this group with monthly predictions and lately his 'News from the Lost and Found Department.'

Some members will have met Hans-Friedrich in 2019 at the GCHQ: Top Secret exhibition when ENIGMA2000 held a London Meeting.

I had the good fortune to sit with H-FD at the evening meal and exchange thoughts and jokes. I know others also spoke with Hans-Friedrich too.

I received this sad news in an email from his daughter today.

I'm sure we will remember H-FD for what he did and the advice he sometimes gave too.

H-FD. In Memorium.

Jochen, who knew H-FD better than most was moved to write this eulogy; it sums up H-FD splendidly:

Sad news from Germany – Silent Key Hans-Friedrich Dumrese

In the morning of January 8th 2026, Hans-Friedrich Dumrese from Trier in Southwestern Germany didn't wake up after sleeping. He got a heart attack – and passed away. He was 71 years old (in February he should have his 72nd birthday, which he can't celebrate any more). We are shocked and very sad about this too early death. Hans-Friedrich was a very friendly man and a very active hobby friend.

Born in February 1954, he found his love to utility and specifically numbers stations in earlier years (possibly already in the 1970s, but surely in the 80s). For decades, he wrote down many logs of heard numbers stations. Unfortunately he didn't make audio recordings, but his archive of written logs he gave further to others. In the „Spooks Numbers Database“ you can find logs from the 1980s and 1990s. But more than to Spooks, he had contact to ENIGMA2000 and (as far as I know) already to the Old ENIGMA Group in the 1990s. In any case, he was one of the German men of the first hour of E2K. In Germany and abroad, he had contacts to utility groups and friends.

I know Hans-Friedrich since 2002, as I came to ENIGMA2000, and I can say, that E2K was HIS group – as well as it is my one. From 2004 to 2015, ENIGMA2000's German Branch (E2Kde) was existing. Hans-Friedrich was one of the less Germans, who didn't belong to E2Kde, but made his logs independently. Anyway, we always worked together, although he was no E2Kde member. If he could, he always gave all his X06 finds to our team too.

Most of the time, we had contact via telephone. One of these speeches became popular within the German feature „Achtung Fünnef Zwo Null Null Trennung“, transmitted on the Deutschlandfunk on September 16, 2003. Today, this one is documented on Youtube (https://www.youtube.com/watch?v=rW7_6_vzUSU), and in the last minutes you can hear us talking in German about the disappeared station G04.

One of the great highlights in the younger past was without doubt our international meeting in London in October 2019, where I was together with Hans-Friedrich, who was a great supporter to me as a blind hobby friend. I could live in Dumrese's house, where I came in at the evening before our journey. He accompanied me through the whole journey, so that we came to London and back to Germany together. Many thanks to him also on this way. (see also Paul's report in EN115)

In addition to the utility and numbers stations, Hans-Friedrich had another great love of his life: his wife. With her he had 2 daughters, who are already adults today and have own families. To all of them, we want to express our deep condolence after passing of Hans-Friedrich. He was your relative and our common friend over several decades. Many thanks for the long time together. Hans-Friedrich, we'll miss you. – Hans-Friedrich, wir werden dich vermissen.

Silent 73s from Germany

Jochen Schäfer

Many thanks Jochen for doing a difficult job!

We hope to continue with H-FD's predictions, a most helpful addition. These will take a different format, as can be seen in this editions 'File Section.'

The Family III predictions are discontinued as a separate offering since these are contained within our 'Predictions.'

Of interest given the Iran events over the past few days:

Members will be aware of Ary's alert to an apparent Farsi language Number Station message intercepted on 7910kHz 1800z 28/02, then 01/03 and then last night 02/03. I have yet intercept the full message yet we were informed the message of 02/03 was of 1h16m duration.

On the night of 02/03 I received a recording from a known source and asked a contact to translate for me:

With my original assumed groupings incorrect, the figures Below is a copy of my present themselves as one long string [there are three unures and underlined as one might expect]. Below, my translators work:

Number Groups.

2:56 cacs.

4081489562985248552
12165598557524529
142883512~~3~~6155218
020231990961245
232656 129423
79363 1648028
57545 157811010
428660 912426923
118612889429328
0880 70200357202
14109796558116
128645670691055
1687649919621000
13678142057450
998309895071234
4485

0 (•)	(sefr)
1 (1)	(yek)
2 (2)	(do)
3 (3)	(se)
4 (4)	(chahâr)
5 (5)	(panj)
6 (6)	(shesh)
7 (7)	(haft)
8 (8)	(hasht)
9 (9)	(noh)

In keeping with past practice the ident V32 has been issued for this interesting station.

V30 was the last issue & I am aware of a Farsi language transmission circa 09/11/2001 following the US intervention with Afghanistan as well as a previous transmission somewhere around 1995 [Guy Denman]. V31 reserved.

An interesting transmission that may, or may not, be valid. *Our thanks to our translators*

Of immediate interest to those of us who monitor Number Stations is this piece I was alerted to on the Bletchley Park Volunteers Group:

What is known about the detained radio amateurs, who are threatened with execution.

16.01.2026 1041

<https://nashaniva.com/385810?ref=404media.co>

The detained radio amateurs are accused of espionage and treason. The names of three of the seven arrested are known. Who are these people?

The first of the detainees shown, Nikita Krasko, is 35 years old. The man previously worked as a courier and sold equipment. His last known place of work was in the construction industry.

Mikita's hobby is radio communication and technology in general. He shared photos from his travels on social networks. He is interested in sports cars and bicycles.

His radio call sign is EW1AEH.

Little is known about the second detainee, Andrei Repetii. He is about 50 years old, a Minsk resident. After school, he served in military unit No. 14356, repairing radar and artillery weapons.

Andrei Repetii. Screenshot from STB video

His former radio call sign is EW1ABT. Judging by old discussions, he loves technology and cars, wrote about communication equipment and electronics. Andrei was previously active on various radio amateur forums. It is known that quite recently he worked as a courier for a private company that sold car spare parts.

Vyacheslav Bianco is a 41-year-old Minsk resident. The video does not show him, but only quotes his words.

Vyacheslav Byanko. Photo: VKontakte

From 2005 to 2018, he had an individual entrepreneur. After that, he reorganized it into a different form of business. Judging by everything, Byanko's activities are related to technology.

Byanko is generally a fan of technology. In social networks and chats, he wrote a lot about it: electric cars (he himself has a BYD Song Plus Champion Edition), smartphones, as well as topics related to radio communications and electronics. He likes to take photos, go out into nature and travel. His radio call sign is EW1ACE.

Vyacheslav has a wife and two small children, as well as a dog, with whom he likes to walk in the park. Together with the children, they like to travel on bicycles.

What is the plot about?

The story about "radio amateur spies" appeared on STB on January 15, 2026. In it, the host Roman Protasevich says that under the guise of radio amateur communities, a structure for intercepting secret information allegedly operated.

Some of the arrested are charged with espionage (Article 358 of the Criminal Code) and treason (Article 356). The latter provides for punishment up to and including execution.

In the STB story, the monitoring of frequencies available on the air is interpreted as "extracting state secrets" and an attempt on Lukashenko's security. The publication of the recordings on the Internet is presented as "transferring information sovereignty" into foreign hands. At the same time, the connection of the people in the story with foreign intelligence is not proven in any way.

It claims to have eliminated a "large network" of more than 50 people. It is specified that seven people were arrested.

Earlier, on December 24, 2025, KGB Chairman Ivan Tertsel announced the liquidation of the "network" that was eavesdropping on pilots.

Allegedly, technical means were installed that allowed the interception of conversations between pilots of both civil and military aircraft. Also, Tertsel claimed, monitoring was conducted around regime facilities.

<https://nashaniva.com/385810?ref=404media.co> [There is some imagery of these poor ops].

This piece was translated directly using Google Translate. If you want to read the Ham Radio World offering it can be found here:

<https://www.hamradioworld.org/post/amateur-radio-operators-in-belarus-arrested-face-the-death-penalty>

What the compounding evidence is on the operators is unknown; perhaps they listened to the subject we all follow? The law is different throughout the world. I have listened to Number Stations in Asia, Australia, Czech Republic, Slovakia and other bits of Europe, Guyana, Trinidad, UAE, US and New Zealand. I certainly wouldn't even take a receiver with me in Russia or its past satellite states should I visit.

Years ago I asked a senior Special Branch Officer about listening to Number Stations and legality of doing so. 'We know about these stations and please continue what you are doing.' No names, no pack drill but I hope they have that written down.

ENIGMA2000 has always been careful in its operations, keeping our membership to a manageable level. We do simply vet those who sometimes apply. When E22 was active thanks to the cavalier activities of one member we were of interest of the Indian Research & Analysis Wing [RAW]. The member, recognising the active frequencies as those used by AIR, All India Radio, contacted them and asked what the three characters were about. 'Engineering Tests' he was told. The member and a few of us recognised they were only used when the Indian Prime Minister was out and about overseas.

We went to lengths to analyse the transmissions heard in the background of the E22 announcements.

After seeking the help of an associate, who like me grew up overseas [HK] we were able to exclude any of the three Chinese languages he spoke, I was able to say it was not Arabic.

However, all was not lost. I asked a Thai student if she would care to listen to the E22 recording. She did so and asked me to speed the offering up a tad. Using Adobe Audition I was able to do this; it was she said a newscast in Thai, a difficult tonal language, She stated the recording had been processed and her language has 16 vowels, 47 consonants as well as four tones. With the time I spent in Thailand I started to master the language simple parts. When I took my wife there in 2017 I amazed my missus by bollocking the woman who was late and who was meant to be taking us to our hotel.

We formed a theory as to the function of E22. We were probably correct because within two weeks of an intended Modi flight we received an application to join ENIGMA2000 by a person who was obviously of Indian extraction. They were never permitted to join.

So, what is happening here is anyone's guess; someone stated to me that it's a govt official trying to get some promotion by setting these hapless chaps up, What the true reason is I suspect we'll never know.

From Reddit:

MAYDAY from Belarus: Licensed operators facing death penalty for QSL cards

<https://www.reddit.com/r/amateurradio/comments/1q11ic2/comment/o0phb13/?context=3&ref=404media.co>



Hi folks, this is Siarhei (**EW1AEY**). I am writing this because my local community is being systematically liquidated in what I can only describe as a targeted intellectual genocide.

In early 2026, the Belarusian authorities launched the "Radio Amateurs Case." This name deliberately echoes the infamous "[Doctors' Plot](#)" of the Stalin era. Back then, the country's best specialists were designated as enemies of the state and subsequently executed. Today, it's happening to us.

They have detained over 50 licensed people, including callsigns **EW1ABT**, **EW1AEH**, and **EW1ACE**. These men were paraded on state television like war criminals and were coerced to publicly repent for the "crime" of technical curiosity. Propagandists presented the [Belarusian Federation of Radioamateurs and Radiosportsmen](#) (BFRR) as a front for a "massive spy network."

In a staggering display of technical ignorance, state propaganda unironically claims these men were "pumping state secrets out of the air" using nothing more than basic \$25 Baofeng handhelds and consumer-grade SDR dongles. Any operator knows that hardware like this is physically incapable of cracking the modern AES-256 digital encryption used by government security forces. It is a technical fraud, yet they are being charged with High Treason and Espionage. The punishment in Belarus for these charges is life in prison or the death penalty.

The most terrifying part for the global community is how our peaceful traditions have been weaponized. Our QSL cards and logbooks are being treated as criminal indictments. The state is transforming the history of technical exchange into evidence of treason. Every confirmation of a contact with an operator in Europe or the US is being presented as "clandestine reporting to NATO agents." Your friendly radio contact with an operator in Minsk is now their documented proof of espionage.

This is the intentional erasure of the last remnants of an intellectual society. They are destroying an emergency lifeline that historically coordinates rescue when all other communication fails. Think back to the 1956 film [If All the Guys in the World](#). It defined us as "men of goodwill" who shake hands across oceans to save lives. Today, that chain is being broken by cold iron.

I beg you to amplify this signal and help us spread this information. Please show this to any journalist you know, send it to human rights organizations, and share it with your local radio associations.

Martin Niemöller once warned that if you don't speak up for others, there will be no one left to speak for you. They have already come for the [editors and the journalists](#). Now they have come for the operators of amateur radio. Don't let our keys be silenced in total obscurity.

73 QRT SK

<https://www.reddit.com/r/amateurradio/comments/1qi1ic2/comment/o0phb13/?context=3&ref=404media.co>

To close the discussion here is, perhaps, the definitive piece:

**What did Belarusian "amateur radio spies" actually intercept? Here's what anyone can pick up
22.01.2026, 13:32**

<https://en.belsat.eu/91185507/what-did-belarusian-amateur-radio-spies-actually-intercept-heres-what-anyone-can-pick-up>

According to Pratasevich, enthusiasts were able to listen in on both the military and Lukashenka's security service. Seriously? We asked former security official Lupanosau and radio enthusiast Besarab. It turns out that this is indeed possible, but it would be better if the propaganda did not admit it.

On January 15, former political prisoner and now propagandist Raman Pratasevich spoke on the state television channel STV about the "elimination of a large network of radio spies." According to him, more than 50 people were brought to justice for "intercepting communications," and seven "key participants" were taken into custody on suspicion of "espionage" and "treason." Earlier, the head of the State Security Committee, Ivan Tsertsel, reported on the detention of some spies who allegedly eavesdropped on military and civilian pilots, but it is unclear whether they are the same ones.

According to Pratasevich, the State Security Committee uncovered a "secretive structure created with external support" disguised as a community of radio amateurs. The group's activities, Pratasevich said, were aimed at airfields, air defense positions, law enforcement agencies, and even the security service of Alyaksandr Lukashenka. According to the TV report, the intercepted conversations were "digitized in real time and made publicly available" — which means that "they effectively handed over part of the country's information sovereignty to foreign powers." It is alleged that they "searched for and recorded codes, call signs, and technical parameters of closed departmental channels."

The TV report showed two people accused of "treason": Andrei Repetiy and Mikita Krasko. Another person involved was mentioned: Viachaslau Benko. If the charges are proven, the detainees could face the death penalty.

Radio amateurs really heard a lot of interesting things

There is a large community of radio amateurs in Belarus; it is a hobby for many people. BYPOL representative and former employee of the Belarusian Ministry of Internal Affairs, police lieutenant colonel Stanislau Lupanosau, tells Belsat: he even had a colleague who was a radio amateur — a police officer who enthusiastically talked about his hobby.

Lupanosau admits that what Pratasevich said may be true in many respects. First, after 2020, Lukashenka's regime began hunting down law-abiding citizens. Second, the channels of the same security forces are indeed being monitored. This includes listening to what is being said about the movement of Lukashenka's motorcade

"Everne knows the call sign of Lukashenka's motorcade: it's 'Vostok' (East — Ed.)," says Lupanosau. "This is no secret to employees, to anyone familiar with this topic, or to radio amateurs."

Confidential data can be encrypted and transmitted via secure channels. However, as Lupanosau mentions, in 2020, it was possible to easily hear many things on the radio that law enforcement agencies would hardly want to say publicly, including conversations between external surveillance services and operational-search personnel.

Lupanosau recalls how the conversations of security forces who were monitoring the family of the murdered Raman Bandarenka were published, and how the radio broadcast revealed damage to the Russian “flying radar” – the A-50 aircraft – in Machulishchy. Lupanosau notes that this is not a crime of eavesdropping, but rather the publication of crimes committed by Lukashenka's security forces.

If a radio amateur hears secret conversations or restricted information, they can easily understand it through specific slang, notes Lupanosau. Those who are engaged in external surveillance talk as if they were involved in construction: in their conversations, there are no surveillance targets or agents, but rather “foremen” and ‘dispatchers’ who “took the object at this address.”

Lupanosau believes that the case of the radio amateurs may be linked to the “Hajun case”. The security forces may have identified people who shared the security forces' conversations with journalists and investigators. Theoretically, the radio amateurs could have made public some of the security forces' data, causing the operation to fail and putting someone's life at risk. However, Lupanosau has not heard of any special services employees dying because of intercepted communications.

What can they listen to? Everything on the air

The detention of radio amateurs outraged scientist Siarhei Besarab. He tells Belsat that he himself has been a radio amateur for over 20 years. His call sign is EU1AEY.

What can radio amateurs listen to? Besarab replies: everything that is transmitted on the open airwaves by electromagnetic waves in the accessible range – from kilohertz to gigahertz.

“And they have every right to do so, as outlined in Article 19 of the Universal Declaration of Human Rights, which guarantees the right to receive information ‘by any means,’” Besarab emphasizes. “Passive reception of radio broadcasts falls squarely into this category.”

It's easier to say what they can't do

Besarab lists what is unavailable to radio amateurs:

Cellular communications. In standards such as GSM, LTE, or 5G, the signal is encrypted, the phone constantly “jumps” between different base stations, changes frequencies, and uses complex SIM identification algorithms. It is technically possible to intercept it using devices called IMSI catchers: China has already done this with Uyghurs in Turkey. But this, says Besarab, will cost hundreds of thousands of dollars—it requires completely different equipment than the \$15 device shown in Pratasevich's program; cryptographically protected digital networks. According to Besarab, countries “where the heads of law enforcement agencies have at least a modicum of brains” use digital communications (DMR, TETRA, APCO-25 standards, etc.), encrypted in accordance with standards such as AES-256. Upon receiving such a signal, a radio amateur will see only a “beautiful stripe” on the screen of their radio system (SDR) and hear only a wheeze from the speakers; radio relay communication. This is what the military should be using. This is communication through a chain of very narrowly directed stationary antennas. To intercept it, you need to physically place the device on the path of the “sharp as a needle beam.” And this communication is usually not in the bands available to radio amateurs. Moreover, such communication can be encrypted; Starlink. This satellite communication system also works through a very narrow beam between the satellite and the terminal. In addition, it is communication via proprietary protocols and full end-to-end encryption; frequency hopping (FHSS). This is used in both military and civilian applications, including the Bluetooth protocol. Besarab describes it as “a radio that almost randomly changes its transmission frequency a hundred times per second.” Even if you know the algorithm and collect the signal in pieces, it can still be encrypted; lasers or fiber optics. As Besarab says, “where there are no radio waves, there are no radio amateurs.”

It turns out that in the age of mobile communications, there is not much left for radio amateurs. Besarab says, “Mathematics has defeated the antenna—encryption has defeated radio.” Digital transmission itself is a barrier for radio amateurs.

“The analog classics remain: fishermen and taxi drivers, aviation, train drivers and station attendants, as well as other radio amateurs,” says Besarab.

And, he adds, taxi drivers are switching to internet communications such as Zello or simply Telegram. Aviation, on the other hand, deliberately remains on public frequencies in case of emergencies and rescue needs.

So why was an amateur able to listen in on the military or Lukashenka's security detail?

Besarab recalls that many Russian soldiers died in the early days of the full-scale war against Ukraine because they used civilian radios, which are easy to intercept. It turns out that such radios are still used by the Belarusian military and Lukashenka's security detail.

“All these Tsertsels and Pratashevichs, without realizing it, are now telling the world in no uncertain terms: ‘Look, everything we have is completely medieval, analog, and shabby,’” Besarab says indignantly.

If Pratasevich's statements are true, it turns out that even a primary school student could eavesdrop on Lukashenka's security guards using an SDR whistle, which can be bought on Aliexpress for \$3. Our interlocutor admits that this is indeed the case: the “cyber partisans” have already shown the whole world that digital security in Belarus, as Besarab says, is “completely worthless.” Now, propaganda shows that hardware and special communications are “up for grabs.”

Can the Belarusian military and special services encrypt their communications in some way so that amateurs cannot eavesdrop on them? Besarab says: that's how everything is encrypted in normal countries! And in a normal country, the government would hire those radio amateurs who intercepted the communications of its security service to replace the officials who allowed this to happen — and who may have stolen money intended for secure communications.

Such people should not be imprisoned, but valued

Besarab is amazed by what radio amateurs are capable of: for example, they can talk to the International Space Station; they can send SMS messages to places where there could be no connection; they can identify meteorites... Besarab recalls how, in 2005 during Hurricane Katrina in the United States, in 2004 during the tsunami in the Indian Ocean, and in 1953 during the floods in the Netherlands, radio amateurs coordinated rescue operations when there was no communication.

As soon as people invented radio, radio amateurs appeared who did incredible things, Besarab says. Amateur radio operators included King Juan Carlos I of Spain and King Hussein bin Talal of Jordan, Indian national liberation movement leader Mahatma Gandhi and Bolivian President Carlos Menem, Apple co-founder Steve Wozniak, creator of the famous Fender guitars Leo Fender, and actor Marlon Brando. Actress Hedy Lamarr of the Golden Age of Hollywood and composer George Antheil also contributed to frequency hopping technology.

Besarab calls radio amateurs “the diamonds of any nation” because they are self-taught people who become technical specialists. All technologically developed countries “pamper them like their favorite children.” What happened in Belarus, he says, is heartbreaking.

Recently Sjarhei Besarab shared his story and comments on the world's most popular collective blog, Reddit. The story was retold by popular vlogger and radio host Josh Nass, who runs an English-language YouTube channel with 400,000 subscribers.

Ales Navaborski, Yan Fedarovich / JM belsat.eu

<https://en.belsat.eu/91185507/what-did-belarusian-amateur-radio-spies-actually-intercept-heres-what-anyone-can-pick-up>



I remember sitting in my hotel room in Hungary, late August 2006 I suspect, with my wife and daughter present. Using my Sony SW100E and a 3m antenna strung across the curtains I intercepted M10. My daughter could hear the Morse characters and looked over my shoulder to see what I was writing down. After I had finished she stated, "If you get caught you'll go to prison!"

The book, something about Mark Thatcher contained my schedules easily withdrawn from the spline. It was in that book because it was dumpable. [At a much later date the drivers at the Taxi company I use for travel offered me Prince Harry's 'Spare.' I refused and they said, 'Right Mr Paul, it's going in the bin.'

I pooh poohed my daughter's remark then; looking back on matters related I suspect she could have been right. ☹

I received an interesting email from a non-member concerning this matter:

In **En34** we asked for assistance:

ASSISTANCE REQUESTED on this FCO Clandestine Communications and Propaganda Radio site:

It is believed that Rendcomb, 5 miles north of Cirencester in Gloucestershire was a wartime FCO Clandestine Communications and Propaganda Radio site.(may not have been used since late 1940's or early 1950's).

There is little detail available about the use of this site and whilst we have ascertained there was an airstrip there, little else can be uncovered.

It has been mentioned to us that apart from propaganda, the base [if it existed], was also used as a DWS site.

*We would be pleased to receive any thoughts/information on this past site via g7vak@yahoo.co.uk or direct to Paul at his home address [See *QRZ* or *Monitoring Monthly: Feb, Mar, or May 06*].*

The contact writes:

Info on the station at Rendcomb is sparse (or should that be non-existent?) but I first found a ref to Rendcomb while researching the Beam Station at Somerton, Somerset - of all places. There was a throw-away ref to a "secret wartime radio station" at Rendcomb. I was immediately intrigued as I went to school at Rendcomb College and none of my friends knew anything about it - just the WW1 airfield connection. We were a geekish crowd into "military" and "planes" and we recall things like the "Woodpecker" in the late '70's when trying to listen to Radio Luxembourg in the Dorms at night on illegal radios we'd built - the closest we'd ever come to "secret radios at Rendcomb" - until now!!!!!! I actually then did 30 years in the Fleet Air Arm.

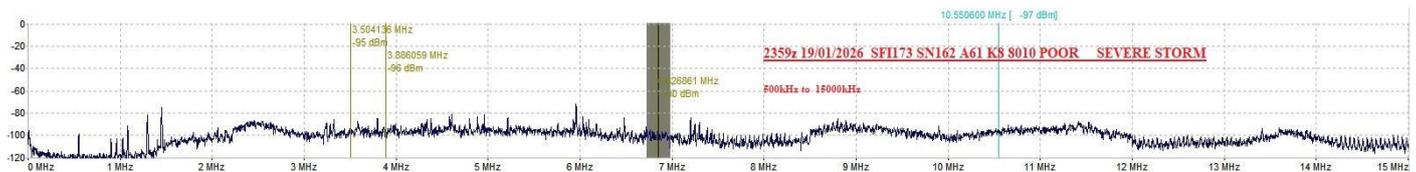
Re the Rendcomb Radio Station, that it existed is a certainty as Ellic Howe mentions it in his book, "The Black Game", pages 76 - 79 I've struggled to understand exactly how Rendcomb fitted in to the overall picture as the "battle" between the Ministry of Information, SIS and the BBC over how propaganda was going to be controlled was quite a fluid "campaign". By design (Harold Robbins appears to have been the Engineer involved in setting it up) it appears to fit with the "Whaddon Hall" set-up under Gambier-Parry as the next station Robbins was asked to set up was at Gawcott by G-P (see <https://www.theintelligencezone.com/blogs/the-whaddon-web-1> for a map). But that was controlled by G-P and SIS from Whaddon.

Ellic says Rendcomb was controlled by Senate House at the University of London which was MoI. That makes more sense as it broadcast news to South America rather than SIS-type material though a SIS connection is vaguely hinted at in one reference. Mind you, there is a funny/quirky side to the story which I really like. Seemingly, even Gambier-Parry's PA, one Lisa Towse, gets in on the broadcasting act! Ellic doesn't say on who's authority and I assume it was while Gambier-Parry was still in the Cotswolds before he upped sticks and went to Whaddon - presumably with the now soon-to-be Mrs Lisa Gambier-Parry in tow!!! But maybe her trips to Rendcomb continued after they moved East. Who knows?

Sadly, my friends who still live in the area have also struggled to find anything out about the Station from local contacts - the Ellic reference is really the best there is to date - and I have found literally 2 other sources which fleetingly mention Rendcomb in passing - but have no detail whatsoever. The Somerton "link" that started this hare running could be just that this:- as an Beam Rx station paired with the Tx station at Dorchester, Somerton communicated with South America. I've no idea though I do know Somerton housed a small group of VI's too so there was the Beam Station side..... and a "Secret" side which, having spoken to someone who worked there, he never knew about!!!!!! Anyway, 20 years late (about right for me!!!!!!) here's what I know and I'll see what else I can turn up!

Propagation matters

In the closing days of January many of us were treated to auroral displays; not so yours truly, for the duration it lashed with rain at night. Some sightings were had towards the Midlands; the main effect being a much attenuated propagation. The MUF on a number of days not exceeding 4.7MHz. The A and K indices skwowing A147 and K8; as we all know a K figure that exceeds 5 indicates a very poor ionosphere,



Not much to be seen!

Propagation from Peter's point of view:

Propagation on the short-waves remains variable, especially observed on some of the E11 schedules with wide variations in signal strength when monitored from week to week.

There were several reports of the Aurora Borealis being visible, as has been the case on several occasions over the past year or so, and the local Anglia TV weather on 21-January said that the phenomenon was observed in the east of England during the previous night. It seems that when the sun spews out its various particles it is not only the ionosphere and short-wave propagation that takes a hit.

The following is from the BBC TV News channel "red button" on-screen text from 29- November of last year - I meant to include this before but I had mislaid my notes scribbled down at the time:-

"Thousands of Airbus planes had to be grounded for a software update after it was discovered that intense solar radiation could interfere with on-board flight control computers.

Around 6,000 A320 planes were thought to be affected, half the European firm's global fleet but many were able to fly again within hours after undergoing the update.

The UK's aviation regulator said there would be 'some disruption and cancelled flights' though impact at airports appears to be limited. Airbus said it discovered the issue after an investigation into an incident in which a plane flying between the US and Mexico suddenly lost altitude in October." [Tnx PoSW]

'E's' Newsround

US News

Aldrich "Rick" Ames finally proves that he is human

CIA traitor Aldrich Ames died in prison on 05 January aged 84. He betrayed more than 30 allied agents with at least 10 being executed and sabotaging numerous espionage operations.

These agents included Maj Gen Dmitri Polyakov, a senior member of the GRU, who supplied top level information to the CIA for more than a quarter of a century. He also betrayed Oleg Gordievsky, an MI6 agent inside the KGB who was later exfiltrated to the UK.

Ames, whose father had also been a CIA officer, was recruited in 1967. His first overseas posting was to Ankara in Turkey in the late, 1960s. It was not a success and he was recalled to CIA headquarters in Langley, Virginia, sent on a Russian course and given a post supporting operations against Soviet officials in Washington and New York. He left classified documents on a subway train in error during this time.

In 1981, he was sent to Mexico to recruit Soviet officials. With his marriage collapsing, and in clear breach of security, he began an affair with Rosario, a CIA agent inside the Colombian embassy. In Mexico he had little success recruiting agents and was recalled to HQ for another Soviet-focussed posting.

Two months after his return to the US, he was joined by Rosario, who became his wife, and her mother, both of whom had a taste for high living. Ames was soon in debt and in April 1985 devised what he thought "a clever plan" to sell the KGB some information for \$50,000 to pay off his debts. He placed this data in an envelope addressed to the KGB resident at the Soviet embassy in Washington and delivered it himself.

Ames later told his CIA and FBI interrogators that he realised then that having crossed a line, he could never step back. He barely hesitated before taking out a notebook when he met the Russians and wrote down a list of agent names for the KGB. Their elimination would help protect his security and show the KGB that he was genuine. Over the next 18 months, numerous sources the CIA and the FBI had inside the Soviet Union disappeared. At least 10 of the agents whose names were handed over by Ames in "the big dump", were subsequently killed. The killings were spaced out over a period of time to make it more difficult to identify a single reason as to how each of them had been blown. The CIA thought their communications had been compromised and the base at Warrenton was investigated with bogus messages sent out. Apparently there were so many problem people at the base that nobody stood out as suspicious. At least two KGB controlled sources provided false leads about the reason for the agent compromises in the mid-1980s. Whatever possibilities were looked at, it always came back to the awful possibility that the CIA's Soviet Division had a human penetration. A murderer stalked the corridors of the HQ and they were killing agents at every opportunity from 1984-85. It would also be painful because they would be a friend and trusted colleague. The suspect list had over 160 names on it and it was impossible to investigate them all. It came down to a process of which person did the CI team have a bad feeling about. Ames was top of the list.

Ames was later based in Rome, where he spent some of the £10,000 a month the KGB were paying him on a second-hand Jaguar. Wary of depositing the money in his Italian bank he opened a separate

account at Credit Suisse in Zurich, later telling his CIA and FBI debriefers, without any apparent sense of irony, that as he drove the Jaguar over the Alps into Switzerland, with his wife by his side, he pictured himself as the new James Bond. He also drank heavily at this time and had to be sent home in a car due to intoxication during a function.

He was eventually caught when Sandy Grimes, a CIA officer, found evidence that Ames had met a Soviet official, under the pretence of trying to recruit him, several times over the summer of 1985. After each of the meetings, some of which were not declared, Ames had made bank deposits of up to \$9,000. A colleague was also suspicious of his high living and reported it and other classified leads made him a suspect.

Ames was placed under surveillance by the FBI and, on 21 February 1994, he and Rosario were arrested at their home in Arlington, Virginia. He pleaded guilty two months later to providing highly classified information to the KGB and its successor, the SVR. In return for a short sentence for his wife he was sentenced to life imprisonment with no possibility of parole

The case generated an uproar and showed the damage one person in the right place can do in an intelligence agency. Some of the betrayed assets were controlled by number stations. How many more moles are out there in the West and how many CIA assets survived? What did he actually achieve apart from paying his mortgage, buying a Jaguar, making himself feel important and destroying his family?

Norway News

The Norwegian military said the Russian agents were caught in the port city of Kirkenes, which comes as the Kremlin has stepped intelligence gathering and sabotage operations in what is called hybrid warfare. Norway shares a 124-mile border with Russia in the far north and relations between Moscow and the West have deteriorated. Commander John Olav Fuglem of the newly formed Finnmark Brigade told Sweden's SVT, "We see a bigger threat up here and it is mainly espionage and gathering information. "When you live here, you become a little more vigilant. "And you quickly see if there are people with a different dialect who are walking around taking pictures, who are in places they should not be, or who are in places that are important to us. We notice that."

A Norwegian border guard also told SVT, "We have a lot to do here at the border and we have a good dialogue with those who live in the area. "They are attentive to whether there is something that does not seem right."

Sweden News

Swedish authorities have arrested a man suspected of spying for Russia, with investigators pointing to possible links with Russian intelligence services. The case, currently under investigation by the Swedish Security Service (Sapo), involves a 33-year-old IT specialist who previously worked with Sweden's Armed Forces.

According to sources, the suspect was detained on January 4 and formally placed in custody by the Stockholm District Court on January 7. Prosecutors allege that the individual may have been operating under the influence of Russian intelligence, though the nature of the alleged activities remains classified. "This is a very sensitive investigation," said senior prosecutor Mats Ljungqvist, who noted that conclusive assessments would follow the completion of ongoing inquiries. Ljungqvist added that the man is being held on suspicion of "serious espionage." Investigators confirmed that the suspect, a resident of central Sweden, was employed as a consultant by an IT company contracted to support Sweden's military between 2018 and 2022. In 2024, he founded his own cybersecurity consultancy, which publicly offered services involving "offensive cyber operations."

The man had previously enrolled in multiple university-level programs related to information security but did not complete any of them. During his studies, he reportedly failed several courses, including one focused on ethical hacking. The alleged offenses are believed to have occurred between January 2025 and January 2026. Prosecutors have not disclosed whether any classified information was compromised.

The Swedish Spy Church

Off the main road from Vasteras Sweden and towards the sparsely populated district of Hasslo, a narrow and bumpy forest path leads into a thick grove. Eventually it opens up into a peaceful, almost fairy-tale-like meadow, bathing in sunlight. At its centre stands a structure that is as stunning as it is unexpected: a Russian Orthodox church built entirely in timber and whose tall, onion-domed spire reaches up to the tree-top

The Church of the Holy Mother of God of Kazan is spectacular. It is flanked by an elongated west wing, and what appear to be more private quarters to the east. The reflective and dark-tinted windows make it hard to glimpse inside.

But there is something unwelcoming about the place. The grounds are protected by a high steel fence and several security cameras peek out from under the blue church roof-covering. A "No trespassing!" sign warns the curious to keep away. There is no doorbell and a telephone number attached to the locked gate goes unanswered. A passerby walking her dog says she finds the church beautiful, but that she rarely sees anyone in there, and that it doesn't seem to host many church activities apart from the two weekly services. There is also a guard dog.

The church is close to a key airport, roads and another key infrastructure. In late 2023, barely two weeks after the Vasteras church opened, Sweden's security police SAPO dropped a bombshell statement: Russia, it warned, was using the Moscow Patriarchate in Sweden "as a platform for intelligence-gathering and other activities threatening national security". It also stated that representatives of the Sweden-based chapter had been in contact with Russian intelligence services, encouraged support for Russia's invasion of Ukraine, and that their parish had "on several occasions, received significant funding from the Russian state".

It also has a 22m spire in a zone where nothing is allowed over 10m due to the presence of the airport. Perhaps they will add a discone?

The use of religious communities is a classic hybrid tactic of the Kremlin over many years. Through church networks, Russia and its intelligence services seek access to elites, politicians, and the media, building influence under the guise of "spiritual dialogue" and the defense of "traditional values and Christianity." Confession and counselling can also yield personal data about targets of interest. Clergy can be used as agents of influence and also advance the interests of the "Russian World." To support this activity, Moscow provides its affiliated religious structures abroad (including in the U.S.) with financial and informational resources, using them to promote pro-Russian propaganda in the West. Churches may also act as magnets for Russians living abroad who may be of interest to Russian intelligence (good place for covert meetings as well!) God help us!!!

Finnish News

Residents of Finland have reported incidents of unexplained voices and call disruptions during phone conversations with individuals in Russia. According to Finland's national public broadcaster, several Finnish citizens have encountered suspicious audio interruptions when calling Russian numbers via mobile networks.

The cases were documented by the media which interviewed multiple individuals who experienced anomalies during cross-border calls. In one instance, a woman identified as Anna recounted that a Russian-speaking male voice unexpectedly responded on the line during a family call to Petrozavodsk. In a separate case, another resident described hearing an unknown male voice when calling her mother in Vyborg, using a Russian Beeline number.

Jaakko Wallenius, head of Finnish telecom operator Elisa, told Yle that such intrusions are likely due to actions "on the Russian side." He noted that operators in Finland cannot prevent interception of calls once they pass into Russian networks. Finland's Security and Intelligence Service (Supo) explained to the media that Russian legislation requires telecom providers to store and monitor all communications data. This legal framework enables Russian authorities to intercept both traditional phone calls and conversations conducted through internet-based services.

Additionally, a draft law under discussion in Russia may mandate telecom providers to flag incoming calls from abroad, block those deemed suspicious, and share recordings with government agencies. The identity or origin of the voices heard during the calls remains unconfirmed, but Finnish officials reiterated that domestic operators are technically unable to monitor or interfere with telecommunications once they enter Russian territory.

Earlier, it was reported that Russian authorities are planning new rules that would require mobile operators to cut off mobile internet and SMS services for 24 hours for users who have recently used international roaming or whose SIM cards have remained inactive for over 72 hours.

Austrian News

Former intelligence official Egisto Ott has gone on trial in Vienna, accused of spying for Russia in what is being dubbed Austria's biggest spy trial in years.

Egisto Ott, who told the court on Thursday that he was not guilty, is charged with having handed over information to Russian intelligence officers and to Jan Marsalek, the fugitive executive of collapsed German payments firm Wirecard. The prosecutor told the court that Ott, 63, was "not romantic about Russia" but had acted out of financial motives and frustration with his career. "Simply put, this was betraying the country," he said.

The prosecutor argued that people like Ott were "very susceptible" to working for the Russians, saying: "They are frustrated in their careers and urgently need money." Ott had done "excellent" work for the Russian secret service", the prosecution added.

The former intelligence official had been broke since 2013 at the latest, the court heard: "The Russian secret service pays very well." He is alleged to have "abused his authority" as an Austrian intelligence official by collecting large amounts of personal data, such as locations, vehicle registration numbers, or travel movements. Prosecutors say he did this between 2015 and 2020 without authorisation, often using national and international police databases.

They also accuse him of supporting "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 between 2017 and 2021. As well as abuse of authority, Egisto Ott is charged with corruption and espionage against Austria and if found guilty faces up to five years in prison.

German News

A German hotel housing NATO staff has become a target for suspected Russian espionage, with Kremlin-linked spies thought to be monitoring the alliance's activities near a key support hub for Ukraine. The hotel, located on the outskirts of Wiesbaden, a quiet spa town in western Germany, has drawn attention after NATO officials staying there reported suspicious individuals watching the comings and goings of guests. A security alert was sent to staff warning them of a surveillance threat. The warning, issued by UK authorities and shared across NATO, said the hotel had become a focus for spying because of the high number of international officials staying there and its strategic location. Wiesbaden is home to the US Army's Clay Kaserne base, which hosts the NATO Security Assistance and Training for Ukraine (NSATU), a key hub for coordinating military support, training and logistics for Kyiv's defense against Russia.

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Training for Ukraine (NSATU), a key hub for coordinating military support, training and logistics for Kyiv's defense against Russia. The hotel is commonly used by alliance personnel, including British staff and NATO officials staying there reported suspicious individuals watching the comings and goings of guests

Polish News

The Russian nationals, named only as Igor R. and Irina R. in line with Polish privacy regulations, are accused of espionage and collaborating with Russia's Federal Security Service (FSB). Prosecutors say their alleged activities included gathering intelligence on Polish Foreign Ministry officials, academic exchange programs and Russian opposition activists living in Poland.

Investigators say Igor R. collected the information on encrypted electronic storage, which his wife, Irina, then tried to pass on to the FSB. The crimes allegedly took place between February and August 2022, Polish state news agency PAP reported.

Igor R. is also charged in connection with a July 2024 plot to send a parcel bomb containing nitroglycerin and military-grade detonators via courier service. The device was discovered in a courier warehouse in central Poland's Łódź region, PAP said. The married couple were arrested in 2024, months after being granted refugee status in Poland and formally charged in October last year. PAP, citing Krzysztof Kuk from the National Prosecutor's Office, reported that the pair could face up to 15 years in prison if convicted.

The trial is being held behind closed doors, without media access, at a district court in the southern Polish city of Sosnowiec, citing national security concerns.

Cyber attacks on Poland

The latest shots in Russia's hybrid war against NATO were allegedly fired on December 29th, when cyber-attacks hit 30 energy facilities in Poland, nearly causing a major blackout just as our temperatures plunged (very kind of them!) They marked a serious escalation of Russia's digital subversion in Europe beyond Ukraine.

These attacks targeted combined heat and power facilities, as well as systems that manage the distribution of energy from wind and solar sites, according to Dragos, a cyber-security firm. Poland gets 29% of its energy from renewable sources and the intruders gained control of operational technology—the interface between a computer network and a physical system—and damaged some equipment beyond repair. The attack was halted before it could cause a power outage which might have hit nearly half a million people.

The incident is notable for two reasons. One is that it marks an intensification of Russia's cyber campaign in Europe. Russian hackers have long breached European computer networks to steal secrets and to probe infrastructure for signs of weakness. They have gone much further in Ukraine, conducting audacious attacks on the power grid there in 2015 and 2016. But beyond Ukraine they have moved more carefully.

That now seems to be changing. In 2023 Russian-linked hackers sent commands to railway signal sites in north-west Poland, causing 20 trains to come to a halt. The next year they repeated that effort against Czech signalling systems. In both cases, the targets were on routes over which aid is sent to Ukraine. But Russia's campaign has since widened to include civilian targets with no direct link to the war. In 2024 hackers disrupted a small private French water mill, possibly mistaking it for a much bigger dam. And last year they attacked a dam in south-west Norway, causing the uncontrolled flow of water for four hours. The Polish attack also marks a shift. Earlier sabotage incidents were probably carried out by Sandworm, the name cyber-security researchers have given to a unit of the GRU, Russia's military intelligence agency, or by "hacktivist" groups that serve as fronts for them. The GRU has long had a reputation as a loud and clumsy cyber actor, prioritising disruption over stealth. For that reason, the Polish attacks were initially thought to be its handiwork.

But, according to Polish officials and cyber-security specialists, the perpetrators were probably hackers from the FSB, Russia's state security service. This unit is sometimes named "Berserk Bear" by cyber-threat companies. The FSB's cyber operations, aimed mostly at espionage, have historically been cautious.

This raises questions about Russia's foothold in European infrastructure beyond Poland. Berserk Bear's hackers regularly disappear, and generally, when they come back, they have evolved. They are likely hiding in critical infrastructure across the globe and have some access that nobody knows about and are ready to strike. Note the recent train problems during the Winter Olympics in Italy (where Russia has been banned) and at the Paris games in 2024.

Besides cyber-sabotage, there is plenty of the physical sabotage underway. On February 3rd German police arrested two men, from Romania and Greece, on suspicion of sabotaging naval vessels in Hamburg. Things are likely to get worse, says Chelsea Cederbaum, a former CIA analyst. She says Russia sees a window of opportunity to increase pressure while America and Europe are divided, notably over Greenland. This is also before America's presidential election in 2028, which could install a president who does not have an alarming relationship with Moscow. Russia's risk tolerance may increase if it sees NATO as weak and divided and the US less inclined to help woke, liberal Europeans.

Russian News

Lieutenant General Vladimir Alexeyev, deputy chief of the GRU, was shot in a block of flats in Moscow on 6 Feb. He was subject to sanctions imposed by America for his role in meddling in America's election in 2016 and by Britain for his part in the attempted assassination of Sergei Skripal in Salisbury in 2018. In 2022 he was the top intelligence officer for Russia's invasion of Ukraine, and oversaw planning for the long-range strike campaign that later unfolded.

The general is the eighth senior Russian officer to be targeted outside Ukraine since the full-scale invasion. The last one was General Fani Sarvarov, who was killed by a car-bomb in Moscow in December. Ukraine has not formally claimed responsibility for either operation.

It exposes the shortcomings of the FSB, Russia's security service, which seems incapable of preventing bold raids and undercover operations deep inside Russia; the latest was just seven miles from the Kremlin. Nonetheless, on February 8th the agency claimed that two suspects in the shooting had been detained in Dubai, and one extradited to Russia.

United Kingdom News

A development project set to be built beside GCHQ in Cheltenham has submitted its final, detailed plans required before the first phase of work can begin. The Golden Valley Development site, located in West Cheltenham, will see up to 200 hectares of land transformed into a world-class, multi-purpose development with the Cyber Innovation Centre at its heart.

Bringing together GCHQ's innovation programmes, academia, business and event space, the development will offer up to two million square feet of commercial floor space for this rapidly growing sector. It will be a vibrant and pioneering garden community, integrating hi-tech businesses with new homes and community uses, alongside the highest standards of environmental sustainability, design and place-making.

(Golden Valley sounds like a Chinese restaurant to me! | wonder if MSS/PLA chose the name? Hopefully HMG will check who is using those buildings! Will the development have dedicated secure fibre to the new embassy?) *See later*

MI5 recruitment controversy

According to UK media, Britain's domestic intelligence agency is encouraging BAME people to register their interest in an upcoming administrative role and attend events to support their applications. A note attached to the interest advert reads: "Please note that we are confining registrations of interest to these groups only, due to their current under-representation in our workforce." It adds: "We value a culture where different insights, perspectives and experiences are welcomed — and where you'll always be encouraged to contribute, shape our work and be yourself."

The Senior Admin Officer role will open on February 9, and will be open to anyone regardless of their ethnicity or background. The person hired into the role could find themselves "gathering information, writing reports, managing databases, arranging meetings and travel, or supporting intelligence operations". They could be working across a number of departments such as HR, Finance, Records Management or Information Management.

The UK's spy agencies came under fire earlier this year after it opened up what was dubbed a "racist" internship that was offered only to young people from a "Black, Asian, mixed heritage or ethnic minority background and from a socially or economically disadvantaged background".

The summer intelligence internship has been running at MI5, MI6, and GCHQ since 2023 and helps to "increase diversity within our organisations". At the time, shadow home secretary Chris Philp said: "I understand the need to encourage applications from a wide range of backgrounds, including under-represented minorities. But this is an overtly racist policy and it should be immediately discontinued. It implies it's impossible for any white person to be deprived or deserving of assistance."

Universities warned about espionage threat

University bosses have been told by ministers to report threats of foreign interference directly to the government and security services. Skills Minister Jacqui Smith said UK universities had become "a prime target for foreign states and hostile actors". She said the government did "not take this lightly" and would spend £3m on measures including a new secure platform for vice-chancellors and designated security leaders at universities to report suspicious approaches or interference.

It comes after senior leaders at 70 universities attended a briefing with MI5 director general Sir Ken McCallum to discuss what interference might look like, such as censoring research and intimidating staff.

Cuban News

Citing sources close to the US military extraction of President Maduro, The New York Times reported that a CIA source within the Venezuelan government revealed Maduro's location. The United States had issued a reward of \$50 million for information leading to his capture.

For decades, the Cuban secret service, trained during the Soviet era by the KGB, enjoyed a reputation for invincibility. Besides having foiled some 600 assassination attempts against late leader Fidel Castro, Cuba was reputed for its ability to infiltrate foreign intelligence services and recruit high-ranking informants, particularly Americans.

The most recent case to come to light was that of Victor Manuel Rocha, a former US diplomat sentenced in 2024 to 15 years in prison after working for over four decades for the Cuban state. But Cuba "didn't adequately read the Trump administration," said Arocha, noting that the administration's National Security Strategy unveiled in December clearly articulated Trump's goal of asserting US dominance over Latin America. Washington had regularly denounced Cuba's role, since the 2000s, in the Venezuelan security apparatus. The routine response from Caracas and Havana was that Cuba, in return for Venezuelan oil supplies, provided its ally with doctors and humanitarian workers.

Arocha argued that "so many years... doing the same thing successfully" blinded the Cubans to Trump's willingness to defy diplomacy and international law, so they did not see him coming. The Republican leader stunned the world by ordering the capture of the Venezuelan president in what his administration

said was a law enforcement operation that did not require authorization from Congress. "All the capabilities of Cuban intelligence were blocked for the first time in the region... because their traditional methods became irrelevant against this new decision-making style," Arocha said.

| wonder if the recipients of HM01 broadcasts are still in place and if they knew about this operation? Over 30 Cubans died in the raid apparently. It shows the limits of the DGI at a time when Cuba should be concerned about its future in a world turned upside down and has been subject to strong American sanctions causing fuel and food shortages. This has added to the woes generated by their own useless political and economic system. Could this be the end?

Havana Syndrome

The Defense Department has spent more than a year testing a device purchased in an undercover operation that some investigators think could be the cause of a series of mysterious ailments impacting US spies, diplomats and troops that are colloquially known as Havana Syndrome, according to four sources briefed on the matter.

A division of the Department of Homeland Security, Homeland Security Investigations, purchased the device for millions of dollars in the waning days of the Biden administration, using funding provided by the Defense Department, according to two of the sources. Officials paid "eight figures" for the device, these people said, declining to offer a more specific number.

The device is still being studied and there is ongoing debate — and in some quarters of government, skepticism — over its link to the roughly dozens of anomalous health incidents that remain officially unexplained. CNN has asked the Pentagon, HSI and the DHS for comment. The CIA also declined to comment (perhaps they have lost their hearing?!)

The device acquired by HSI produces pulsed radio waves, one of the sources said, which some officials and academics have speculated for years could be the cause of the incidents. Although the device is not entirely Russian in origin, it contains Russian components, this person added. Officials have long struggled to understand how a device powerful enough to cause the kind of damage some victims have reported could be made portable; that remains a core question, according to one of the sources briefed on the device. The device could fit in a backpack, this person said.

The acquisition of the device has reignited a painful and contentious debate within the US government about Havana Syndrome, known officially as "anomalous health episodes." The mysterious illness first emerged in late 2016, when a cluster of US diplomats stationed in the Cuban capital of Havana began reporting symptoms consistent with head trauma, including vertigo and extreme headaches. In subsequent years, there have been cases reported around the world.

With all the QRM we suffer now it looks as though the whole of the UK is being attacked with this weapon!

Cyprus News

Authorities in Cyprus are investigating the "unnatural death" of a diplomat at the Russian embassy. "The incident at the embassy is being treated as an unnatural death because it seems, based on the autopsy, it was a suicide," said Cyprus's police spokesperson, Vyron Vyrinos. The death comes as police also seek to get to the bottom of a corruption scandal rocking the country.

The Russian embassy refused to hand Cypriot authorities the suicide note reportedly written by the late diplomat Alexei Panov, 41, or allow access to the crime scene. Instead, police were forced to retrieve the body in the courtyard of the diplomatic compound.

In a post on Facebook, the mission identified "the employee" as AV Panov, saying he had "passed away" on 8 January. "His death is a deeply personal tragedy for his family and friends," said the post. "The deceased's family was provided with all the necessary help and support."

The death of Alexei Panov and the disappearance of Russian oligarch Vladislav Baumgartner could be linked, said an ambassador based in Nicosia. Dmitry Khmel'nitsky, an independent researcher who writes about Russia from Berlin, said Panov had been an officer in Moscow's military intelligence agency, the GRU, assertions echoed by well-placed Cypriot insiders. While in Cyprus, Panov oversaw the embassy's maintenance and management of espionage equipment, Khmel'nitsky was quoted as saying on the Telegram channel Echo. The prospect of him wanting to defect could not be ruled out, Khmel'nitsky said. Panov's death came within 24 hours of Vladislav Baumgartner, the former CEO of the Russian potash giant Uralkali, being reported missing in Cyprus. By Tuesday, the search for Baumgartner, 56, had broadened to include personnel from the British sovereign base areas. The oligarch, who had been living alone on the island, was last seen in Limassol, the coastal city favoured by Russian expatriates, where he had a home. Cyprus has long been a refuge for wealthy Russians, with the community's presence earning the country the nickname Moscow on the Med.

Vyrinos, the police spokesperson, said: "The operation to find the Russian businessman is ongoing."

There was, he said, "no indication, so far, of any link between the two" cases.

One western ambassador based in Nicosia was sceptical, saying: "Conspiracy theories may abound here, but I wouldn't be surprised if the two are linked." Echoing that sentiment, another EU diplomat said: "Two words come to mind. Mysterious and sinister." To us, another word comes to mind, ENIGMA.....!

Estonian News

In Estonia, a security guard at the Koidula border crossing has been caught passing information to Russia for at least three years, at the behest of the FSB. The individual involved is Vyacheslav Efimov, who held both Estonian and Russian citizenship. He had been working as a guard in Koidula's waiting area for several years. His frequent trips to Russia raised suspicions, attracting the attention of the FSB.

The Estonian Security Police (KaPo) reported that Efimov knew exactly who he was dealing with. He

passed on information about the checkpoint's operations, staff movements, their opinions on Russia's war against Ukraine, and events visible from the Russian side of the border. There was no direct coercion or blackmail, and Efimov did not receive any monetary compensation. His primary motivation was to avoid any issues with border crossings and retain his position in Estonia.

Efimov did not have access to classified government information, and the data he provided may seem minor at first glance. However, KaPo explained that the FSB uses this type of information to gain a comprehensive understanding of how Estonian border checkpoints operate. This allows them to identify vulnerabilities in border security, which can be exploited if needed.

Additionally, the FSB found the information about the checkpoint staff valuable for recruiting new agents. He's not the first to be apprehended. Estonia holds the record of convicting more Russian spies than any other NATO or EU country. The most high profile cases involved a mole in Estonia's own intelligence agency; another case involved an official with access to NATO secrets. The continuing drip of convictions and deportations captures the apprehensive mood in the frontline country where tensions with neighboring Russia have increased following Russia's full-scale invasion of Ukraine in 2022. Estonia is one of the staunchest supporters of Kyiv and is rearming rapidly to deter future aggression from Moscow

Thanks for such an excellent job E.

PLUS:

In Britain's press the leading storyline seems to be divided between Trump insulting Great Britain's [and allies] troops in Afghanistan to the seriousness that HRH King Charles III became involved, presumably leading to the apparent withdrawal of that remark. The other noticeable droning on concerns the purchase of the Royal Mint Building near to the Tower of London and near to the City of London financial area.

Not surprisingly it is served by a series of fibre optic runs; the cable chamber these run in is near a 'secret room' the Chinese intend to use for spying and presumably breaching the chamber walls to place probes on the fibre optic runs. One has to ask 'if it is secret, how do we know about it; moreso even though the room was redacted from the planning pack how do we know the Chinese intentions? Have a read of this fine article. Opening the URL allows the reader to see the redacted parts of the drawings.

It's worth noting the cable run in question is being rerouted, according to announcements made since Keir Starmer has authorised the use of this massive site.

Personally, it will be interesting to see if any antennas are erected on site. Those in Portland Place, the current hope of the Chinese Embassy, are long gone.

As for spying its something just about any embassy does. Its notable that the British Embassy in China [read Prof Aldrich's GCHQ] was, in the past, invaded, the Cipehr Room entered and the RockeX coding machine removed! Britain, would of course, never indulge in espionage, a most ungentlemanly act. Not a nation of bounders, what!

Uncovered: Secret room beneath Chinese embassy that poses threat to City

Telegraph obtains unredacted plans showing how close the underground complex will come to cables carrying sensitive British financial data

Gareth Corfield
20 January 2026 12:55pm GMT

<https://www.telegraph.co.uk/news/2026/01/12/revealed-china-embassy-secret-plans-spy-basement/>

China is to build a hidden chamber alongside Britain's most sensitive communication cables as part of a network of 208 secret rooms beneath its new London "super-embassy", The Telegraph can reveal.

This newspaper has uncovered detailed plans for an underground complex below the vast diplomatic site in central London, which Beijing has sought to keep from public scrutiny.

Despite the apparent security risk, Sir Keir Starmer's Government approved the embassy on Tuesday morning.

Later this month, the Prime Minister is due to visit China and meet Xi Jinping, the Chinese president.

The plans for the embassy, which are redacted in all publicly available versions, can only be revealed because The Telegraph has uncovered the unredacted documents.

The drawings show that a single concealed chamber will sit directly alongside fibre-optic cables transmitting financial data to the City of London, as well as email and messaging traffic for millions of internet users.

The same hidden room is fitted with hot-air extraction systems, possibly suggesting the installation of heat-generating equipment such as advanced computers used for espionage. The plans also show that China intends to demolish and rebuild the outer basement wall of the chamber, directly beside the fibre-optic cables.

The disclosures will reignite fears that Beijing could be seeking to spy on the information carried through the network, potentially gaining access to state and financial secrets.

Following the decision, MI5 and GCHQ admitted in a letter to Shabana Mahmood, the Home Secretary, and Yvette Cooper, the Foreign Secretary, that it was "not realistic to expect to be able wholly to eliminate each and every potential risk" linked to the embassy.

Other areas obscured by redactions include emergency back-up generators, a sprinkler plant, new lift shafts and communications cabling. The plans also conceal bathrooms and showers, potentially allowing officials to remain underground for extended periods.

Covering 22,000 sq m on the site of the former Royal Mint, the embassy would be the largest Chinese diplomatic mission in Europe.

The project has been mired in controversy since Beijing first sought planning permission under the previous Conservative government, not least because of its proximity to sensitive communications infrastructure. Dominic Cummings, Boris Johnson's former chief adviser, has claimed that MI5 and MI6 warned him China was "trying to build a spy centre underneath the embassy".

Most of the planning documents submitted to Tower Hamlets council were heavily redacted for what China described as “security reasons” a move that led Angela Rayner, then housing secretary, to delay approval and demand clarification.

The Telegraph can now reveal the unredacted plans, offering the clearest insight yet into China’s intentions for the hidden areas of its new diplomatic headquarters.

The secret room

Of the 208 rooms exposed by The Telegraph, the most striking lies beneath the Seamen’s Registry building on the north-west corner of the former Royal Mint site.

Its exterior wall borders Mansell Street, a busy artery at the Tower Hill interchange.

Plans show a triangular underground chamber measuring up to 40m across and 2-3m deep. Crucially, they indicate that the outer basement wall facing Mansell Street would be demolished and rebuilt.

It is not yet known which company China will appoint as its contractors to build its planned new embassy, or who will be responsible for demolishing and rebuilding the Seaman’s Registry basement wall.

Advertisement

But that construction work would place Chinese officials just over one metre from the fibre-optic cables running beneath the pavement – raising the prospect that they could be tapped.

Telecoms cable plans seen by The Telegraph show the fibre-optics here belong to companies including BT Openreach, Colt Technologies and US telecoms giant Verizon Business.

Carrying signals bearing the innermost financial secrets of the British economy, the cables stretch between the Telehouse group of data centres in Docklands and other centres around the capital. Linked together, these form the core of the London Internet Exchange (Linx). Beyond London, they connect to Atlantic cables linking to the US.

Linx is one of the biggest internet exchange points in the world, handling vast volumes of data spanning everything from financial transactions to instant messages and emails.

Its cables carry the financial transaction data relied upon by banks to update withdrawals and deposits, such as ordinary people’s salary packets and payments for goods bought online.

Further drawings from the plans of the secret room suggest at least two air-extraction systems will be installed, venting through an existing lightwell and a new grille – implying the need to remove large volumes of hot air from the basement.

One explanation is that China plans to install extensive computer infrastructure as part of an espionage operation linked to the Mansell Street cables.

Professor Alan Woodward, a security expert at the University of Surrey, said: “China won’t say what the basement is for. It could be legitimate classified communications equipment – but that can hide a multitude of sins.”

“If they wanted to tap the cables,” he added, “they wouldn’t need to go far. You wouldn’t know what was happening down there.”

Options for spying on the data could include diverting cables, inserting a wire tap or even placing a device directly on top of the cables. The fibres could even be bent so that light leaks through their casing, allowing it to be read by specialised equipment.

Prof Woodward described the demolition of the basement wall as a “red flag”.

“There’s a long history of cable-tapping by East and West alike. Anyone who can do it has done it.

“Espionage isn’t just about state secrets. Economic intelligence is central to the mission of foreign intelligence services.

“If I were in their shoes, having those cables on my doorstep would be an enormous temptation.”

China may, of course, have benign reasons for installing cooling systems. The space could house a data centre serving embassy staff, or even a gym or cafeteria.

Even so, the proximity to Britain’s most critical communications infrastructure will deepen concern.

The site borders the Wapping Telephone Exchange on three sides. The BT-owned exchange serves an area of roughly 2 sq km, encompassing hundreds of City firms, including Lloyd’s of London, as well as landmarks such as the Gherkin and the Walkie-Talkie.

Nearby cables also connect 11 data centres forming part of the London Internet Exchange.

Any nation state would be tempted to snoop on such traffic – particularly one with which Britain’s relations have been so fraught.

Flats and bathrooms

Plans also show proposals for flats within the Embassy House building on the eastern side of the site.

Detailed layouts suggest luxury accommodation for senior diplomats, alongside smaller studio-style units. There is no obvious evidence of the detention facilities feared by some critics.

Basement drawings reveal further living infrastructure, including toilets and showers at the southern end of Embassy House. Adjacent rooms vary in size, with the largest suitable for a gym. Others, smaller and more secure, lie behind winding corridors and multiple doors.

The plans also show lift shafts, power and communications ducts, and a tunnel linking the Seamen’s Registry to a vast car park beneath the complex.

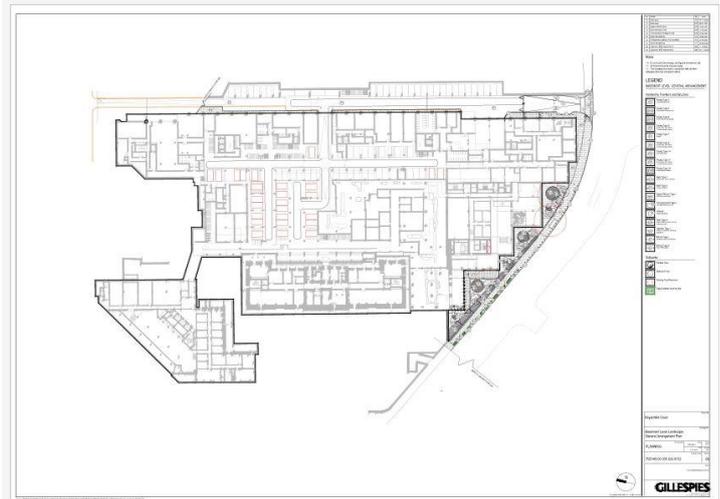
Utility drawings indicate rooms for high-voltage electricity, water supply and the embassy’s official telecoms connections.

At the northern end is a large space apparently designated for emergency generators, confirmed by a ground-floor drawing marked “New emergency generator ventilation”.

A Government spokesman said: “National security is our first duty and government security experts have been involved throughout the process so far.

“As the Home Office and Foreign Office have previously set out, all the security implications of the planning application have been identified and addressed.

“An independent planning decision will be made by the Secretary of State



China’s London embassy did not respond to requests for comment.

BT subsidiary Openreach said it had “robust security measures in place” and worked with the Government to protect its assets.

<https://www.telegraph.co.uk/news/2026/01/12/revealed-china-embassy-secret-plans-spy-basement/>

The cartoon was sent to ENIGMA2000 anonymously, just begs to be included. No idea of origin and thanks to sender:

Veterans aged 65 told to prepare for war MoD set to increase age at which retired soldiers, or the strategic reserve, can be called upon

Tom Cotterill
Defence Editor
15 January 2026 12:08pm GMT

<https://www.telegraph.co.uk/news/2026/01/15/veterans-aged-65-told-to-prepare-for-war/>

Military veterans aged 65 face being mobilised under new powers to prepare the Armed Forces for war.

The Government is set to increase the age at which the nation’s pool of retired soldiers, known as the strategic reserve, can be called upon from 55 to 65.

The new measures are being introduced as part of a new Armed Forces bill, which will be published in Parliament later.

The changes will make it easier to mobilise tens of thousands of former military personnel.

The Army has shrunk to its smallest number in more than 200 years, with just over 70,000 full-time, fully-trained troops ready to deploy to the frontline.

Under existing rules, the pool of retired soldiers can be called upon in the event of “national danger, great emergency or attack in the UK”.

However, under the new changes, this will be lowered to “warlike preparations”, which is already the threshold for reservists who have recently left the Armed Forces.

The measures come amid fears Britain could be dragged into a full-scale war with Russia in a matter of years.

Defence and security chiefs have repeatedly warned of the potential for large-scale war in recent months.

Al Carns, the Armed Forces minister, said just before Christmas that war was “already knocking on Europe’s door” and that Britain had to be prepared for a conflict that was “bigger” than those fought in Iraq and Afghanistan.

Last week, the UK announced it would be deploying troops to Ukraine, alongside France, if and when a ceasefire deal between Moscow and Kyiv is agreed.

While it is unclear exactly how many troops could be involved, reports have suggested up to 7,500 UK personnel could be deployed.

If this figure is accurate, it would effectively mean that around 21,000 personnel would be committed to Ukraine – with one cohort deployed, another in training and a third recovering for operations there.

However, military analysts have warned such a deployment would stretch the Armed Forces and would effectively become an “all of Army effort” to maintain.

Sources at the Ministry of Defence have pushed back against suggestions that 7,500 troops could be deployed, with insiders saying it could be lower.

£28 billion funding black hole

On Friday, the Government pledged to spend £200m to upgrade armoured vehicles and buy new kit in preparation for the peacekeeping mission.

The proposed changes would come into force next year if approved by Parliament, the BBC reported.

The Government estimates there are around 95,000 people within the strategic reserve, including veterans from the Royal Navy, Army, and RAF.

These are different to the reserve forces, which comprise personnel who volunteer part-time to serve in the military. Currently, there are almost 32,000 active reservists across the three wings of the Armed Forces.

The military has struggled to recruit and retain personnel in recent years. The Army has suffered the most, having shrunk from more than 100,000 personnel in 2010 to just over 70,000 now.

The most recent figures show a very marginal increase in the number of people joining the military. But it is still at its lowest ebb since the Napoleonic Wars.

Meanwhile, the Armed Forces is grappling with a £28 billion funding black hole over the next four years despite plans to boost defence spending.

Sir Keir Starmer was warned about the shortfall by the head of the military, Air Chief Marshal Sir Richard Knighton, a few days before Christmas.

On Monday, Sir Richard admitted Britain did not have the cash to deliver its military ambitions, which were set out by the PM in June as part of the Strategic Defence Review.

The Chief of the Defence Staff told MPs on the Commons defence committee: “I’ll be completely honest with you – we will not be able to do everything that we would wish to do as quickly as we might want to do it.

“If we wanted to do everything that’s currently in the programme and do all the extra things in the SDR [strategic defence review], could we do that with the budget that we have got? The answer’s no.”

UK not ready to defend itself

This is despite Sir Keir having announced last year that defence spending would rise from 2.3 per cent of GDP to 2.6 per cent by 2027. Looser pledges were also made in the strategic defence review to hit 3 per cent in the early 2030s and 3.5 per cent by 2035.

As part of the Strategic Defence Review, Sir Keir vowed to build 12 new nuclear attack submarines and spend billions more on new defence technology.

Britain’s military spending is the subject of increasing criticism, with a parliamentary report last year warning the country was not ready to defend itself against attack.

Earlier this month, the UK fell down the global defence spending rankings, and is now Nato’s 12th-biggest spender in terms of GDP compared with third in 2021.

News of the latest shortfall is said to have prompted Sir Keir to order a key MoD document, the defence investment plan, to be overhauled.

The Defence Investment Plan, which will set out how the Government’s long-term defence plans will be paid for, was originally due to be published in the autumn. However, it now appears to be stuck in financial purgatory, with Sir Richard telling MPs the MoD “do not have a date” for when it will be released.

It prompted concerns that the Armed Forces could soon be forced to make sweeping cuts to balance the books.

<https://www.telegraph.co.uk/news/2026/01/15/veterans-aged-65-told-to-prepare-for-war/>

I’m too old to serve now, half man half implants and walking stick! If I was called up, like many others I’d tell them to stuff it. Not wasting my guts on a foreign field for the likes of Starmer and his ineffectual govt.

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

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

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

Jan 2026:

4490	2000z	06 Jan	'197' 790 30 == 47658 25453 ... 55787 36544 ==	Fair with QSB, fast delivery. Good with no noted errors	BR	TUE
	2000z	08 Jan	NRH		BR	THU
	2000z	15 Jan	NRH		BR	THU
	2000z	20 Jan	'197' 510 30 == 04820 84929 ... 19504 28408 ==	Fair, fast. Hesitant in places. Error grp28 05930 05960	BR	TUE
	2000z	22 Jan	'197' 241 30 == 01837 22617	Fair, fast. Started good faded quickly. Poor copy	BR	THU
	2000z	27 Jan	'197' 209 30 == 09890 38769 ... 33376 01109 ==	Fair, fast. No errors in msg. DK / GC variation noted	BR	TUE
	2000z	29 Jan	'197' 889 30 == 86884 86883 ==	Fair with QSB, fast. Chaotic mid-msg. Missed start	BR	THU

5320	1800z	01 Jan	'197' 317 30 == 98142 12487 ==	Weak, fast. Errors noted – Shortened repeat grps.	BR	THU
	1800z	06 Jan	'197' 453 30 == 8.901 88590 ... 15740 94006 ==	Weak with QSB, fast. V. poor copy	BR	TUE
	1800z	08 Jan	NRH		BR	THU
	1800z	15 Jan	NRH		BR	THU
	1800z	22 Jan	'197' 690 30 == 66483 15426 ... 29837 10921 ==	Fair, fast. Poor copy at times. Error grp21 13241 1321	BR	THU
	1800z	29 Jan	NRH		BR	THU
5810	1500z	10 Jan	'197' 909 30 == 65744 76371 ... 17625 37261 ==	Weak/Fair. Fast delivery. Hesitant in places. No errors	BR	SAT
	1500z	17 Jan	'197' 782 30 == 71248 09853 ... 89353 80923 ==	Fair with QSB. Fast delivery. Errors in grps17-20	BR	SAT
	1500z	24 Jan	'197' 296 30 ==	Fair, fast. Started fair fading quickly. Mostly unreadable	BR	SAT
	1500z	31 Jan	'197' 687 30 == 50987 27645 ... 59867 10198 ==	V.Weak. Numerous errors. DK / GC variation noted	BR	SAT

Feb 2026:

4490	2000z	03 Feb	'197' 917 30 == 93765 01909 ... 00291 93765 ==	Fair with QSB. Errors grps 01, 05 & 13	BR	TUE
	2000z	05 Feb	'197' 185 30 == 50603 29580 ... 28560 39680 ==	Fair with QSB. Hesitant at start, otherwise excellent	BR	THU
	2000z	12 Feb	'197' 712 30 == 09301 57003 ... 40710 58208 ==	Fair with QSB. Good Morse with no errors	BR	THU
	2000z	17 Feb	'197' 263 30 == 23845 28567 ... 92873 23845 ==	Fair with QSB. Fast, hesitant delivery with errors	BR	TUE
5320	1800z	05 Feb	'197' Strong digital QRM. Very poor copy – No useful copy		BR	THU
	1800z	10 Feb	'197' 231 30 == 42145 78872 ... 752.4 26522 ==	Poor with QSB. Fast delivery. With noted errors	BR	TUE
	1800z	12 Feb	'197' 572 30 == 40682 58407 ... 07010 4901 ==	Weak, fast. Two errors noted. Grp30 sent as 4901 7901	BR	THU
5810	1500z	07 Feb	'197' 831 30 == 19376 37654 ... 11882 16543 ==	Weak/Fair with QSB. Fast delivery. No noted errors	BR	SAT
		14 Feb	'197' 901 30 == 89980 90901 ... 47288 75752 ==	Fair with QSB. Fast delivery. Excellent Morse.	BR	SAT
		21 Feb	'197' 163 30 == 37419 62739 ... 15629 75904 ==	Weak with QSB. Hesitant in places especially DK GC	BR	SAT

M01/1	4490Hz	2000z	06 January 2026
197 (R4m) 790 790 30 30 = =			
47658 25453 22431 47765 66980 50555 87690 56537 46564 35423			
09890 57654 45324 39865 25437 58696 35546 14325 68790 57647			
48754 33546 29800 57689 57689 35643 89709 44789 55787 36544			
= = 790 790 30 30 000			
<i>Courtesy BR</i>			

M01/1	5810kHz	1500z	10 January 2026
197 (R4m) 909 909 30 30 = =			
65744 76371 20918 17265 11092 39811 49058 48716 47839 16527			
55789 40922 37615 15426 30917 30371 10946 58675 09587 38117			
20251 46474 24352 37463 11762 37822 69068 56748 17625 37261			
= = 909 909 30 30 000			
<i>Courtesy BR</i>			

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.

Strong European Schedules – Missing?

Since the Autumn 2025 reorganisation of the M12 schedules, it has been noticeable that the strong, mid-evening transmissions between 1900 – 2100z appear to be absent. These always came in at remarkable strength into UK. What schedules remain are usually quite poorly received or missing completely, as can be seen from the logs below.

While poor conditions may account for some of the gaps, it is most unusual not to hear some mid-evening transmissions coming through at good strength. In contrast, the 2200z schedule at 2200z continues to with a strong signal here in Europe.

Asiatic M12 Logs

14875/13914/12171	0200/20/40z	23 Jan	891 1 (2381 89) 90570 32927 ... 27645 17730 000 000	(Via SDR Japan) Gert	FRI
18268/16146/ - - -	0200/20/40z	06 Feb	219 000	(Via SDR Japan) BR	FRI

European M12 Logs

January 2026: New scheds in bold type

6879/7652/8176	2200/20/40z	02 Jan	861 1 (3161 72) 33985 54685....		BR	FRI
	2200/20/40z	03 Jan	861 1 (3161 72) 33985 54685....		BR	SAT
	2200/20/40z	09 Jan	861 1 (3161 72) 33985 54685....		BR	FRI
	2200/20/40z	10 Jan	861 1 (3161 72) 33985 54685....		BR	SAT
	2200/20/40z	16 Jan	861 000		BR	FRI
	2200/20/40z	17 Jan	861 000		BR	SAT
	2200/20/40z	23 Jan	861 000		BR	FRI
	2200/20/40z	24 Jan	861 000		BR	SAT
	2200/20/40z	30 Jan	861 1 (2927 126) 54462 95993....		BR	FRI
	2200/20/40z	31 Jan	861 1 (2927 126) 54462 95993....		BR	SAT
11079/10279/9179	2300/20/40z	01 Jan	136 000		BR	THU
	2300/20/40z	05 Jan	136 1 (2958 123) 96451 45567....	(Via SDR Poland)	BR	MON
	2300/20/40z	08 Jan	136 1 (2958 123) 96451 45567....		BR	THU
	2300/20/40z	12 Jan	136 1 (905 116) 30780 93075....		BR	MON
	2300/20/40z	15 Jan	NRH		BR	THU
	2300/20/40z	19 Jan	NRH		BR	MON
	2300/20/40z	22 Jan	NRH		BR	THU
	2300/20/40z	26 Jan	NRH		BR	MON
	2300/20/40z	29 Jan	NRH		BR	THU

11161/10461/9261	2310/30/50z	04 Jan	142 1 (959 189)	79357 92275....		BR	SUN
	2310/30/50z	07 Jan	142 1 ( . . . . )	. . . . .	Very poor – No useful copy	BR	WED
	2310/30/50z	11 Jan	142 1 (893 78) ?	. . . . .	Weak	BR	SUN
	2310/30/50z	14 Jan	142 1 (4298 65)	27821 49194....		BR	WED
	2310/30/50z	18 Jan	142 1 (4298 65)	27821 49194....		BR	SUN
	2310/30/50z	21 Jan	142 1 (8708 98)	54520 00218....		BR	WED
	2310/20/40z	25 Jan	142 1 (8708 98)	54520 00218....		BR	SUN
	2310/30/50z	28 Jan	142 1 ( . . . . )	. . . . .	Very Poor – No useful copy	BR	WED
11564/10487/9319	1800/20/40z	01 Jan	NRH			BR	THU
	1900/20/40z	01 Jan	NRH			BR	THU
	1800/20/40z	08 Jan	NRH			BR	THU
	1800/20/40z	15 Jan	258 1 (7458 77)	. . . . . 2 .937....	Weak	BR	THU
	1900/20/40z	15 Jan	258 1 (8978 162)	60295 7 . 33.6....	(Via SDR Qatar)	BR	THU
	1800/20/40z	22 Jan	258 1 (3183 80)	. 7690 00		BR	THU
	1900/20/40z	22 Jan	258 1 (1570 180)	09860 31 . 82....		BR	THU
	1800/20/40z	29 Jan	258 1 (7610 65)	68234 65045....	(Unsure of Group Count)	BR	THU
	1900/20/40z	29 Jan	258 1 (5724 174)	3 . . 1. 98557....	(Unsure of Group Count)	BR	THU
	1900/20/40z	30 Jan	258 1 (7723 164)	17612 28449....		BR	SAT
12135/11452/10627	1900/20/40z	03 Jan	NRH			BR	SAT
	1900/20/40z	05 Jan	NRH			BR	MON
	1900/20/40z	11 Jan	NRH			BR	SUN
	1900/20/40z	12 Jan	NRH			BR	MON
	1900/20/40z	19 Jan	NRH			BR	MON
	1900/20/40z	24 Jan	NRH			BR	SAT
	1900/20/40z	25 Jan	573 1 (7871 117)	71879 25599....		BR	SUN
	1900/20/40z	26 Jan	573 1 (1855 113)	83400 19083....		BR	MON
1900/20/40z	31 Jan	NRH			BR	SAT	

February 2026:

6982/7593/8187	2200/20/40z	06 Feb	951 1 (2927 126)	54462 95993....		BR	FRI
	2200/20/40z	07 Feb	951 1 (2927 126)	54462 95993....		BR	SAT
	2200/20/40z	14 Feb	951 1 (4264 188)	29670 76134....		BR	SAT
	2200/20/40z	20 Feb	951 1 (4264 188)	29670 76134....		BR	FRI
	2200/20/40z	21 Feb	951 1 (4264 188)	29670 76134....		BR	SAT
	2200/20/40z	27 Feb	951 1 (4411 62)	53488 04782....		BR	FRI
	2200/20/40z	28 Feb	951 1 (4411 62)	53488 04782....		BR	SAT
11564/10487/9319	1900/20/40z	05 Feb	258 1 (2973 166)	76675 65170....	V.Fast	BR	THU
	1900/20/40z	07 Feb	258 1 (2973 166)	76675 65170....		BR	SAT
	1900/20/40z	12 Feb	258 1 (6959 155)	86280 05702....		BR	THU
	1900/20/40z	14 Feb	258 1 (6959 155)	86280 05702....		BR	SAT
	1900/20/40z	19 Feb	258 1 (2750 159)	16853 07567 ... 51087 66642 000 000		Gert	THU
	1900/20/40z	19 Feb	258 1 (2750 159)	16853 07567....		BR	THU
	1900/20/40z	21 Feb	258 1 (2750 159)	16853 07567....		BR	SAT
	1900/20/40z	26 Feb	258 1 (951 35)	57527 71822....		BR	THU
1900/20/40z	28 Feb	258 1 (951 35)	57527 71822....		BR	SAT	
12135/11452/10627	1900/20/40z	01 Feb	573 1 (1855 113)	83400 19083....		BR	SUN
	1900/20/40z	02 Feb	573 1 (2623 103)	22536 54121....		BR	MON
	1900/20/40z	09 Feb	573 1 ( . . . . . )	. . . . .	V.Weak – No useful copy	BR	MON
	1900/20/40z	15 Feb	573 1 (1986 111)	30999 26038....		BR	SUN
	1900/20/40z	16 Feb	573 1 (8 . 4)	6 . 558		BR	MON
	1900/20/40z	22 Feb	573 1 (8127 116)	66448 41910....		BR	SUN
12137/10937/10237	2310/30/50z	01 Feb	192 1 (623 115)	06134 75751....		BR	SUN
	2310/30/50z	04 Feb	192 1 (975 219)	99269 14210....	Unsure of grp02	BR	WED
	2310/30/50z	11 Feb	192 1 (3531 185)	56679 49484....		BR	WED
	2310/30/50z	18 Feb	192 1 (2513 68)	2668		BR	WED
	2310/30/50z	22 Feb	192 1 (2513 68)	2668		BR	SUN
	2310/30/50z	25 Feb	192 000			BR	WED

M12 11564/10487/9319kHz 1900/1920/1940z 19 February 2026

258 258 258 1(R2m) 2750 159 2750 159

16853 07567 55549 39166 58976 19615 67358 05882 17428 93598
95480 53784 28747 04305 78530 81297 03369 59809 83312 97440
69486 96296 71371 93615 90614 10334 53740 97733 06340 79668
86484 30301 12735 22640 18428 78171 93383 91106 07980 34094
66009 10418 78047 28905 12769 48164 52165 24969 25385 17349
43243 77176 98906 59368 49665 20555 36194 61932 48550 48642
65874 69623 99541 37768 07113 65179 41049 06107 85876 00359
87912 12262 51828 49218 31430 59068 18249 42466 80845 42449
58167 28771 72348 88990 36415 09308 31393 53365 72973 97871
41976 31450 42555 59336 68219 96385 10876 40278 21792 47589
07115 46058 39092 25025 29435 30980 25347 49688 27937 90596
02306 93727 81086 06100 90474 37102 97273 10551 01353 97803
33785 87682 33132 88003 58382 56462 69705 92490 80997 35044
48191 77970 20673 33256 35334 12108 89677 47322 59554 05434
83960 81704 25428 82376 95564 48248 50363 36454 68861 31116
99110 00325 37925 23988 13803 19431 12925 51087 66642
000 000

Courtesy Gert

Also heard was this short QSO between two stations on CW – This was weak, so not fully copied. The first Q code was missed on both sendings

6961 1515 – 1517z 12 Jan BR MON

VVV VV
 KM KM DE VM K
 KM KM KM DE VM VM K

IS IS DE VM K
 IS IS DE VM K
 IS IS DE VM K

RPRP ? RPRP RP ? DE RP QR. QR.

DE VM RP QSY QSY 33 F3 K
 DE R QSY F3 F3 K

RR

Nothing further heard until 1900z

6961	1900z	12 Jan	0 (R3m)	MON
6961	0700z 0730z 0745z	13 Jan	0 (R3m)	TUE
	1100z	13 Jan	0 (R3m)	TUE
	1500z 1530z 1545z	13 Jan	0 (R3m)	TUE
	1900z 1930z 1945z	13 Jan	0 (R3m)	TUE
	2300z	13 Jan	0 (R3m)	TUE
6961	0700z	14 Jan	0 (R3m)	WED
	1100z 1130z 1145z	14 Jan	0 (R3m)	WED
	1500z 1530z 1545z	14 Jan	0 (R3m)	WED
	1900z 1930z 1945z	14 Jan	0 (R3m)	WED
	2330z 2345z	14 Jan	0 (R3m)	WED
6961	0300z 0330z 0345z	15 Jan	0 (R3m)	THU
	0700z 0730z 0745z	15 Jan	0 (R3m)	THU
	1100z 1130z 1145z	15 Jan	0 (R3m)	THU
	1500z 1530z 1545z	15 Jan	0 (R3m)	THU
	1900z 1930z 1945z	15 Jan	0 (R3m)	THU
	2300z 2330z 2345z	15 Jan	0 (R3m)	THU
6961	0300z 0330z 0345z	16 Jan	0 (R3m)	FRI
	0700z	16 Jan	0 (R3m)	FRI
	0800z 0830z 0845z	16 Jan	0 (R3m)	FRI
	1100z 1130z 1145z	16 Jan	0 (R3m)	FRI
	1435z	16 Jan	9 (R10m)	FRI
	1600z 1700z	16 Jan	0 (R10m)	FRI
	1800z 1900z 2000z	16 Jan	0 (R10m36s)	FRI
	2100z 2200z 2300z	16 Jan	0 (R10m36s)	FRI

6961 0000 – 2300z 17 Jan - 04 Feb 0 (R10m36s) Last report 0600z on Wed 04 Feb.

These hourly transmissions continued hourly, most likely around the clock. Due to propagation & poor band conditions the signal was not always audible. Using a French SDR, it was possible at times to confirm the station was still active.

A couple of changes to the routine were logged by Ary on Monday, 19 January, Apart from these, the transmissions continued to be sent hourly

6961	0900z	19 Jan	0 (R9m 40s)	MON	Shorter duration
6961	0916z	19 Jan	0 (R2m 36s)	MON	Additional to the hourly transmission

Ary caught another QSO exchange on 28 January, which included some French text – So appears to be related to the M23 series of transmissions. Both stations were on the same frequency. Note the same call signs used as heard in the QSO on Monday, 12 January – KM, VM, IS & RP

6961 1529 – 1537z 28 Jan AB WED

RP RP RP ?
 KM KM DE VM K
 RR AS AS
 IS IS DE VM VM K

DE IS IS QRK 4 QSA 5 K
 RR QRK 5 QSA 4 AS

RP RP RP ?

KM IS DE VM K

DE IS K

DE VM QRU QRV ? K

DE IS QSA 5 QRV K

=

AA MERCI POUR QSO
BB POUR EFFORT NUM = AR AR K

DE II QSL QSL K

RR

DE KM KM (too weak to copy) K

RR

RP RP DE VM CELA VAUT POUR TRI AUSSI =
RP RP DE VM VM SK SK

Tuesday 03 & Wednesday 04 February - Additional Frequency of 18412kHz in Use

Ary reported a series of 5's - Very irregular, with short pauses and dashes between.

18412	1000z ongoing	03 Feb	5's Irregular	Weak, not audible in Holland from 1656z	AB	TUE
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BR reported a fair signal on Twente until 1544z, then suddenly became very weak, Switched? Best signal was received on West Portugal SDR. Not heard from around 1700z. 18412kHz has previously used by M23. Transmissions still 24h a day on 6961kHz.

18412	0714z	04 Feb	5's		AB	WED
	0715z	04 Feb	5 (at various speeds) - (R1m39s), 0 (R2m27s) 5 (x2) then off		AB	WED
	0930z	04 Feb	5 (repeated with pauses). Also a brief change to '0' at 0935z, then reverting back to 5 Ongoing with '5', much more regular today, with periodic short pauses of a few seconds.		BR	WED
	1100z	04 Feb	3 (from 1100z), back to 5, back to 3, then 0		BR	WED
	1112z	04 Feb	Changed to sequences: 1 (x10) 2 (x5) 0 (x10) Repeated		BR	WED
	1126z	04 Feb	Changed to 5 (x5) 0 (x10) 1 (x10) 2 (x5) Repeated - Ongoing 1136z		AB/BR	WED

Thursday 05 Feb - Another Frequency of 5198kHz in Use

18412	1045z	05 Feb	5 (11x) 0 (8x) 1 (8x) 2 (1x) (Repeated)		AB/BR	THU
5198	2214z	05 Feb	5 (11x) 0 (8x) 1 (8x) 2 (1x) (Repeated)		AB	THU

Friday 06 Feb

18412	Not heard after it faded to nil at 1652 yesterday				AB	FRI
5198	0600z	06 Feb	5 (11x) 0 (8x) 1 (8x) 2 (1x) (Repeated)	Faded to nil at ca 0900z	AB	FRI

Monday 09 Feb - Changed From 5198kHz to 15850kHz

15850	1221z	09 Feb	5 (11x) 0 (8x) 1 (8x) 2 (1x) (Repeated)	Faded to nil at ca 0900z	AB/BR	MON
			Not heard after 0800z on Tue 10 Feb			

Thursday 12 Feb - Another Frequency Change to 6198kHz

6198	2100z	12 - 20 Feb	5 (11x) 0 (8x) 1 (8x) 2 (1x) (Repeated)	Faded to nil at ca 0900z	AB/BR	THU
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Ary caught another QSO exchange on Wednesday, 18 February:- This time on 8030kHz, which was not transmitting any M23 signals at that time:-

8030	1520z	18 Feb			AB	WED
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KM DE VM K
VM DE KM QSA 4 QRK 4 K
DE VM QSA 5 QRK 5 QRU ? K
OK OK (unreadable) PSE (rest unreadable)

Friday 20 February - Sequence of Transmissions Ends

The last log of M23 for February, was at 0005z on Friday, 20 February, when the continuous transmissions on 6198kHz ended. Nothing further was heard.

Once again, our sincere thanks to Ary, (AB), UDXF & associates, for their excellent work in logging these transmissions & for sharing that information with us.

M23 - PoSW Report

Peter, (PoSW), also managed to catch some of the M23 output on 8030kHz over January & February, & notes a data signal, possibly related, sent following the cessation of the CW groups :-

One example noted:-

15-Jan-26, Thursday:- 1512 UTC, 8030 kHz, noted by chance when casually tuning around, strong slow CW sending groups consisting of "0" and "5" only, "...55005 50505 55550 05550 05500...". something similar reported in En152, page 11 on 10352 during November of last year. Stopped just after 1525z followed by a long dash.

Monitored this frequency again on following days but was not heard again. However, some kind of data signal was heard, something like the FT8 heard on the amateur bands, did not appear to be regular in timing, showing up in a random manner active for perhaps ten, twelve seconds or so.

Update - still being heard on this frequency in the last days of February.

Thanks PoSW

Morse Stations - Not Number Related

M51 XIX

3881//6825 100 grp 5-ltr messages with headers

No reports – M51b format in use

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

6825 1243z 20 Jan 600 CLAIR= /LES ONDES ENTREETENUES PGRES: C ? ITI TAIT LA SYNTONIE R ITI ALIS ITI E
Fair PLdn TUE

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

3881//6825 2202z 19 Jan Non-stop 5-character groups composed of M51a messages Strong//Strong BR MON

Peter, (PoSW), also logged the activity of M51b & the associated F9TM amateur station on 05 February. This station regularly activates the amateur call & has been heard on the 80m amateur band, while engaged in QSO's with amateur stations.

Peter writes:- The Morse on 6825//3881 has continued in the new year and a couple of variations have been noted:-

05-Feb-26, Thu - 1615 UTC, 6825 kHz, strong CW, not the usual fast 5-character groups, sounded like hand-keyed characters not in defined groups.
1846 UTC, 3536 kHz, 80 meter amateur band, strong CW call-sign F9TM exchanging reports with French amateur stations who were all somewhat weaker in signal strength.
Nothing on 6825.

Many thanks for the report, PoSW

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).

3152	4000	4478	5232	6323	7501	8039	10485	12760
3212	4061	4482	5237	6385	7505	8166		
3231	4065	4483	5238	6476	7523	8733		13448
3239	4123	4485	5248	6515	7577	8888		
3333	4132	4493	5445	6565	7653			
3344	4141	4545	5450	6666	7922			
3345	4144	4566	5454	6708	7940			
3360	4168	4569	5468	6789				
3363	4187	4637	5472	6791				
3434	4216	4666.666	5555	6813				
3515	4222	4669	5566	6833				
3599	4263	4725	5583	6884				
3606	4286	4780	5622	6947				
3615	4327	4781	5630	6988				
3618	4329	4782	5665					
3749	4331	4795	5798					
3758	4333	4809	5910					
3801	4358	4811						
3872	4359	4890						
3892	4383	4901						
3894	4392	4928						
3978	4450	4936						
	4457	4953						
	4477							

New Scheds for Jan / Feb 2026:

From logs submitted from JPL

4522	New Call Sign & Frequency	First heard 01 January	V TG1Y (x3) DE X9FW (x2)
5419	New Call Sign & Frequency	First heard 04 January	V TG1Y (x3) DE X9FW (x2) (2 nd Day-time freq.)
3611	New frequency for this Round Slip	First heard 06 January	V TG1Y (x3) DE X9FW (x2)
13362	New frequency for this Round Slip	First found 19 February	V TG1Y (x3) DE X9FW (x2)
4906	New frequency for this Round Slip	First heard 01 January	V PD4N (x3) DE WY7H (x2)
	New Round Slip for this Frequency	First heard 19 January	V GC6U (x3) DE XYG2 (x2)
4508	New frequency for this Round Slip	First heard 29 January	V GC6U (x3) DE XYG2 (x2)
7716	New frequency for this Round Slip	First heard 31 January	V GC6U (x3) DE XYG2 (x2)
4416	New frequency for this Round Slip	First found 09 February	V GC6U (x3) DE XYG2 (x2) (Freq change from 4508kHz)

The following transmission is the latest of a series that appeared since the beginning of November 2025 sending, what would appear to be a test Round Slip, moving from one frequency to the next.

4532.5 New frequency for this Round Slip First heard 06 Jan
 ABCDEFGHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M BT (Con't)

Chart of M89 Freq & Call signs heard in Jan / Feb 2026 New Schedules shown in Bold Type From logs submitted from JPL

<u>Freq in KHz</u>	<u>Call Slip</u>
3611	V TG1Y (x3) DE X9FW (x2)
3611//4522	V TG1Y (x3) DE X9FW (x2)
3950	VVV BZS (x3) DE OMB (x2) (R5)
4416	V GC6U (x3) DE XYG2 (x2)
4508	V GC6U (x3) DE XYG2 (x2)
4522	V TG1Y (x3) DE X9FW (x2)
4720	VVV WNF (x3) DE FXM (x2) QSA ? K
4720//5150	VVV WNF (x3) DE FXM (x2)
4726	V QPL (x3) DE 4WQ (x2) (R5)

<u>Freq in kHz</u>	<u>Call Slip</u>
4860// 6840	V Q2M (x3) DE NYZ (x2)
4906	V PD4N (x3) DE WY7H (x2) V GC6U (x3) DE XYG2 (x2)
5150	VVV WNF (x3) DE FXM QSA ? K
5419	V TG1Y (x3) DE X9FW (x2)
5672	Y3JI DE N6WX (Repeated)
6840	VVV (x3) Q2M (x3) DE NYZ (x2)
7716	V GC6U (x3) DE XYG2 (x2)
13362	V TG1Y (x3) DE X9FW (x2)

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.

3344	(In tfc)	1645z	23 Jan	NR 010/EX 0000 BT P2S7/L9GJ AR QSY 02	(Remote tuner Japan)	JPL	FRI
3345	(In tfc)	1703z	06 Jan	F NR 018/EX 0104 RMKS 1539 TO 1538 BT N2D3/M8A4 AR F NR 018/EX 0106 RMKS 1538 TO 1539 BT N2D4/M8A4 AR	(Remote tuner Japan) (Both stns on this freq)	JPL	TUE
3360	(In tfc)	1334z	30 Jan	RMKS 8576 TO 8552 BT	(Remote tuner Japan)	JPL	FRI
3363	(In tfc)	1801z	04 Feb	NR 034 CK 89 55 0105 0204 RMKS 4736 TO 4193 K	(Remote tuner Japan)	JPL	WED
3434	(In tfc)	1650z	23 Jan	NR 038/EX 0005 FF X85W/J2V8 AR NR 038/EX 0006 BT X8FW/J2V8 AR QSY 04 K	(Remote tuner Japan)	JPL	FRI
3599	(In tfc)	1257z	12 Feb	NR 3004 CK 71 55 02012 0830 RMKS 7291 TO 7298 BT	(Remote tuner Japan)	JPL	THU
3611		1717z	06 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1153z	10 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
3611//4522		1218z	27 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
3615	(In tfc)	1610z	09 Feb	NR 5633 CK 51 90 02-10 0000 RMKS 9347 TO 2085 BT	(Remote tuner Japan)	JPL	MON
3758	(In tfc)	1247z	08 Jan	NR 1004 CK 71 51 0108 2000 RMKS 8044 TO 8055 BT In tfc - Both stations on this freq	(Remote tuner Japan)	JPL	THU
3810	(In tfc)	1702z	09 Jan	NR 4011 CK 91 18 0110 0030 RMKS XXQX TO NNXX AR In tfc - Both stns on this freq M89	(Remote tuner Japan)	JPL	FRI
3950		1915z	08 Feb	VVV BZS (x3) DE OMB (x2) (R5)	(Remote tuner Japan)	JPL	SUN
		2028z	08 Feb	VVV BZS (x3) DE OMB (x2) (R2) (OTA - 2030z)	(Remote tuner Japan)	JPL	SUN
4061	(Into tfc)	1715z	05 Feb	NR CK 91 93 0206 0205 RMKS 6301 TO 6111 BT	(Remote tuner Japan)	JPL	THU
4065	(In tfc)	1315z	30 Jan	NR 4656 CK 49 24 0130 2115 RMKS 2554 TO 2552 BT Other station on 4187kHz	(Remote tuner Japan)	JPL	FRI
	(In tfc)	150z	31 Jan	NR 0003 CK 291 55 0131 1801 09 9991250 02 ZNN K - 1103z	(Remote tuner Japan)	JPL	SAT
4123	(In tfc)	1252z	09 Feb	F NR 8003/EX 2036 RMKS CQ BT XYJ2/PH3J AR	(Remote tuner Japan)	JPL	MON
4187	(In tfc)	1322z	30 Jan	RMKS 2552 TO 2554 BT	(Remote tuner Japan)	JPL	FRI
4216	448U	1734z	04 Feb	In tfc - DE 448U	(Remote tuner Japan)	JPL	WED
4329	ED3G	1219z	23 Feb	In tfc - DE ED3G	(Remote tuner Japan)	JPL	MON

4358	(In tfc)	1305z	08 Jan	F NR 1105/EX 2106 RMKS 9953 TO 9959 BT GOS/DF AR NR 1107 CK 99 32 0108 2000 RMKS 9953 TO 9959 BT	(Remote tuner Japan)	JPL	THU
4359	(In tfc)	1301z	09 Feb	NR 0038 CK 121 68 0209 1855 RMKS 9444 TO 9125 BT	(Remote tuner Japan)	JPL	MON
4416		1200z	09 Feb	V GC6U (x3) DE XYG2 (x2) Note: Frequency change from 4508kHz	(Remote tuner Japan)	JPL	MON
4478		1725z	06 Jan	VVV O4VB (x3) DE 6CPO (x2) SVC 925/XZ12/9578/68/67/16/X912A/COMM/0698 AR	(Remote tuner Japan)	JPL	TUE
	(In tfc)	1708z	01 Feb	HW SVC 437/XX56/8512/57/56/25/X352A/COMM/8546 AR NIL SK NIL SK	(Remote tuner Japan)	JPL	SUN
	(In tfc)	1505z	19 Feb	SVC 438/XZ50/8458/50/72/25/X450C/COMM/8545 AR NIL SK NIL SK	(Remote tuner Japan)	JPL	THU
4493	(In tfc)	1345z	19 Jan	NR 94 CK 91 70 0119 2135 RMKS 5444 TO 8534 BT	(Remote tuner Japan)	JPL	MON
4508		1318z	29 Jan	V GC6U (x3) DE XYG2 (x2) Note: Frequency change from 4906kHz	(Remote tuner Japan)	JPL	THU
	(In tfc)	1331z	31 Jan	In tfc - OTA 1145z	(Remote tuner Japan)	JPL	SAT
		1648z	31 Jan	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	SAT
	(In tfc)	1253z	01 Feb	In tfc - GC6U DE XYG2	(Remote tuner Japan)	JPL	SUN
		1222z	02 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Taiwan)	JPL	MON
		1709z	03 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	TUE
		1728z	06 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	FRI
		1932z	08 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	SUN
		1915z	11 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	WED
		1253z	16 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	MON
		1217z	17 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	TUE
		2027z	19 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	THU
		1206z	23 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	MON
		1652z	27 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	FRI
4518	(In tfc)	1337z	19 Jan	NR 012 CK 91 21 0119 2100 RMKS 5950 TO 5944 BT	(Remote tuner Japan)	JPL	MON
4522		Replaced 3JWV DE QH4P					
		1905z	01 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1230z	02 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1825z	03 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1228z	04 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1202z	05 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1129z	06 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1813z	07 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1228z	08 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1248z	09 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1228z	10 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1811z	11 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1758z	12 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1127z	13 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1849z	14 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1818z	18 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1352z	19 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1603z	20 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1205z	22 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1605z	23 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1126z	24 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1159z	26 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1648z	27 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1316z	29 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1310z	30 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1045z	31 Jan	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1234z	01 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1707z	03 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1041z	04 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1708z	05 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1725z	06 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1929z	08 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1040z	09 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1917z	11 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1207z	12 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1255z	16 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1219z	17 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1459z	19 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1208z	23 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
4532.5	(In tfc)	1816z	06 Jan	ABCDEFGHIJKLMN OPQRSTUVWXYZ TAU34567DN III AS VA M BT (Con't)	(Remote tuner Japan)	JPL	TUE
	(In tfc)	1738z	09 Jan	ABCDEFGHIJKLMN OPQRSTUVWXYZ TAU34567DN III AS VA M BT (Con't)	(Remote tuner Japan)	JPL	FRI

4545	(In tfc)	1233z	02 Jan 26	NR 8693 CK 49 63 1031 0621 RMKS 9764 TO 9532 BT NR 4732 CK 89 34 1103 0936 RMKS 9364 TO 9471 BT NR 4732 CK 99 34 1103 0936 RMKS 9364 TO 9471 BT NR 2341 CK 49 39 0509 1206 RMKS 3963 TO 4982 BT NR 2341 CK 58 39 0609 1206 RMKS 3963 TO 4982 BT NR 5001 CK 49 78 0913 0921 RMKS 7831 TO 9771 BT Note: No messages sent, only message header.	(Remote tuner Japan)	JPL	FRI
	R8TH	1232z	02 Feb	In tfc - DBAC DE R8TH NR 5001/EX 0500 RMKS CQ BT 9MKU/ZSCH AR	(Remote tuner Taiwan)	JPL	MON
4554	(In tfc)	1515z	03 Jan	460/3811/3111/13/16/5111/313/B AR (Repeated) NR 0003 CK 121 43 0103 2100 RMKS 8155 TO 8555 BT	(Remote tuner Japan)	JPL	SAT
4637	(In tfc)	1325z	10 Jan	NR...CK 081119 RMKS 81 TO .. BT Both stn on this freq	(Remote tuner Japan)	JPL	SAT
4666.666	(In tfc)	1507z	19 Feb	NR 3917 CK 50 52 0219 2200 RMKS 3325 TO 5566 BT	(Remote tuner Japan)	JPL	THU
4720		1130z	26 Jan	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	MON
		1130z	31 Jan	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	SAT
		1130z	19 Feb	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	THU
4720//5150		1230z	06 Jan	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote Thailand)	JPL	TUE
		1130z	09 Feb	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	MON
4726		1130z	13 Jan	V QPL (x3)DE 4WQ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
4860//6840		1920z	01 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1735z	02 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1820z	03 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1320z	04 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1155z	06 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	TUE
		1820z	06 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	TUE
		1220z	07 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
		1305z	09 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K Normally, sked is at 20z pass the hour.	(Remote tuner Japan)	JPL	FRI
		1820z	09 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1220z	10 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1320z	10 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1820z	12 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1120z	13 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1820z	18 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1620z	23 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1120z	26 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	MON
		1555z	30 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1320z	01 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1220z	02 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	MON
		1720z	03 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1720z	04 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
		1720z	06 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		2045z	08 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1120z	10 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1920z	11 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
		1220z	12 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1320z	16 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1220z	17 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1720z	17 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		2020z	19 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1220z	23 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1220z	27 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1835z	27 Feb	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K (NRH at 1720z)	(Remote tuner Japan)	JPL	FRI
4906		1910z	01 Jan	V PD4N (x3) DE WY7H (x2) (Freq change only)	(Remote tuner Japan)	JPL	THU
		1734z	05 Jan	V PD4N (x3) DE WY7H (x2)	(Remote tuner Japan)	JPL	MON
		1817z	07 Jan	V PD4N (x3) DE WY7H (x2)	(Remote tuner Japan)	JPL	WED
		1803z	08 Jan	V PD4N (x3) DE WY7H (x2)	(Remote tuner Japan)	JPL	THU
		1658z	09 Jan	V PD4N (x3) DE WY7H (x2)	(Remote tuner Japan)	JPL	FRI
		1827z	11 Jan	V PD4N (x3) DE WY7H (x2)	(Remote tuner Japan)	JPL	SUN
		1800z	12 Jan	V PD4N (x3) DE WY7H (x2)	(Remote tuner Japan)	JPL	MON
		1850z	14 Jan	V PD4N (x3) DE WY7H (x2)	(Remote tuner Japan)	JPL	WED
		1128z	13 Jan	V PD4N (x3) DE WY7H (x2) In traffic	(Remote tuner Japan)	JPL	TUE
		1819z	18 Jan	V PD4N (x3) DE WY7H (x2)	(Remote tuner Japan)	JPL	SUN
		1811z	19 Jan	V GC6U (x3) DE XYG2 (x2) (Changed Round Slip)	(Remote tuner Japan)	JPL	MON
		1604z	20 Jan	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	TUE
		1652z	22 Jan	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	THU
		1651z	27 Jan	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	TUE
4936	(In tfc)	1848z	19 Jan	NR 7324 CK 99 75 0120 0230 RMKS 9317 TO 9505 BT	(Remote tuner Japan)	JPL	MON
5150		1130z	26 Jan	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	MON
		1130z	31 Jan	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	SAT
		1130z	19 Feb	VVV WNF (x3) DE FXM (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	THU
5232	(In tfc)	1250z	30 Jan	In tfc - FFF tfc - to weak to copy	(Remote tuner Japan)	JPL	FRI

5237	(In tfc)	1310z	10 Jan	FFF NR 028/EX 2115 BT ..PQ/..CI AR QSY ... Weak/fading FFF NR 028/EX 2115 BT 5MPQ/5PCI AR QSY .. QSY .. FFF NR 023/EX 2118 U.J8/G9Q AR FFF NE 034/EX 2118/ UTJ8/9. AR QSY 15 QSY 15 FFF NR 039/EX 2121 BT F.C./ICP2 AR FFF NR 039/EX 2121 BT FFC3/.... AR FFF NR 039/EX 2121 BT LF.3/IC.3 AR QSY 16 QSY 16 QSY 16 FFF NR 041/EX 2124 BT ..N5/... AR FFF NR 041/EX 2124 BT B8N5/... AR FFF NR 041/EX 2124 BT B7N5/2AR QSY 17 QSY 17 VV FFF NR 045/EX 2128 BT 8K/MJE AR FFF NR 045/EX 21.. BT MCS/1LL AR (Cont'd - Fading)	(Remote tuner Japan)	JPL	SAT
5402	(In tfc)	1250z	07 Jan	NR 0144 CK 51 55 0107 2030 RMKS 0646 TO 5636 BT	(Remote tuner Japan)	JPL	WED
5419		1235z	04 Jan	V TG1Y (x3) DE X9FW (x2) Note: This is the 2nd daytime frequency. Now for the night time frequencies.	(Remote tuner Japan)	JPL	SUN
		1153z	10 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
5468	(In tfc)	1756z	09 Jan	FF NR 365/EX 0155 BT 114G/4E55 AR K	(Remote tuner Japan)	JPL	FRI
5472	(In tfc)	1314z	19 Jan	FF NR 1642/EX 2140 BT RMKS 2544 TO 9885 BT YK3/XSD9 AR NR 2285/EX 2108 RMKS 9785 TO 2544 BT C7Z9/OJA0 AR K NR 1653 CK 75 31 0119 2030 RMKS 2544 TO 9784 BT NR 2286 CK 75 31 0119 20.. RMKS 9884 TO 2544 BT	(Remote tuner Japan) (Both on this freq)	JPL	MON
5555	6OQI	1128z	04 Feb	In tfc - DE 6OQI NR 125 CK 41 23 0204 1830 BT	(Remote tuner Japan)	JPL	WED
5566	(In tfc)	1255z	30 Jan	FFF NR 299/EX 2100 RMKS 5992 TO 5773 BT PLM3/TGHH AR FFF NR .50/EX 2103 RMKS 57.3 TO BT TSDT/JUL AR (Other station on this frequency)	(Remote tuner Japan) (Fading hard to copy)	JPL	FRI
5665	(In tfc)	1248z	02 Feb	NR 050 CK 77 85 0202 2050 RMKS 3089 TO 4553 BT NR 040 CK 89 10 0202 2058 RMKS 3173 TO 3189 BT	(Remote tuner Taiwan)	JPL	MON
5672		1300z	02 Jan	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	FRI
		1307z	10 Jan	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	SAT
		1834z	19 Jan	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	MON
		1728z	31 Jan	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	SAT
		1730z	17 Feb	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	TUE
5750		1210z	06 Jan	VVV AYL (x3) DE M5W (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	TUE
5784	WSN9	1240z	07 Jan	In tfc - WSN9 working outstations , T9WF, etc - Weak) F NR 1034/EX 2002 RMKS CQ BT CA1/LF2 AR	(Remote tuner Japan)	JPL	WED
6323	(In tfc)	1241z	23 Feb	RMKS TO 5410	(Remote tuner Japan)	JPL	MON
6385	(In tfc)	1229z	23 Feb	NR 8033/CCK CK 99 45 0223 2020 RMKS 9563 TO 9503 BT (Both stns on this freq)	(Remote tuner Japan)	JPL	MON
6515	9CPA	1051z	09 Feb	F NR 0007/EX 1855 RMKS CQ BT EW/XO AR	(Remote tuner Japan)	JPL	MON
6708	5NY6	1054z	09 Feb	In tfc - DE 5NY6	(Remote tuner Japan)	JPL	MON
6833	(In tfc)	1238z	10 Jan	RMKS 6689 TO 6674 BT Stn on 6833 is working stn on 6813.	(Remote tuner Japan)	JPL	SAT
6840		1846z	14 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
		1320z	29 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1120z	31 Jan	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
6884	(In tfc)	1144z	02 Jan	NR 0028/EX CK 1.... RMKS 6688 TO 6689 BT F8W2/P8RH AR (Very weak- Fading)	(Remote tuner Hong Kong)	JPL	FRI
6947	(In tfc)	1310z	03 Jan	FF NR 0006/EX 1839 RMKS FQ6M/FI8 AR K	(Remote tuner Japan)	JPL	SAT
7501	(In tfc)	1221z	09 Jan	NR 0008/EX 2020 BT BBJ2/23AC AR QSY TO NR 09 QSY TO NR 09	(Remote tuner Japan)	JPL	FRI
7577	(In tfc)	1225z	09 Jan	NR 009/EX 2024 BT T3D2/9D2V AR QSY TO NR 10 QSY TO NR 10	(Remote tuner Japan)	JPL	FRI
7653	(In tfc)	1228z	09 Jan	NR 010/EX 2027 BT C8Z3/E2T5 AR SK SK SK	(Remote tuner Japan)	JPL	FRI
7716		1318z	31 Jan	V GC6U (x3) DE XYG2 (x2) RMKS 1545 TO 5638 BT Note: Frequency change from 4906kHz	(Remote tuner Japan)	JPL	SAT
		1043z	04 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	WED
		1156z	10 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	TUE
		1210z	12 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	THU
		1118z	19 Feb	V GC6U (x3) DE XYG2 (x2)	(Remote tuner Japan)	JPL	THU
8039	(Intfc)	1239z	09 Feb	NR 5655 CK 51 27 0209 1030 RMKS 6652 TO 6650 BT	(Remote tuner Japan)	JPL	MON

8733	ED3G	1242z	09 Feb	In tfc - WF4T DE ED3G	(Remote tuner Japan)	JPL	MON
8888	(In tfc)	1110z	04 Feb	NR 002 CK 59 71 0204 1830 RMKS 1488 TO 1429 K	(Remote tuner Japan)	JPL	WED
10485	(In tfc)	1210z	08 Jan 26	SAT7 Woking CNV4 , CEQ4 F NR 1103/EX 2014 RMKS CQ BT RSM/KD AR F NR 1104 CK 99 43 0108 2000 RMKS CQ BT	(Remote tuner Japan)	JPL	THU
13362		0325z	19 Feb	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU

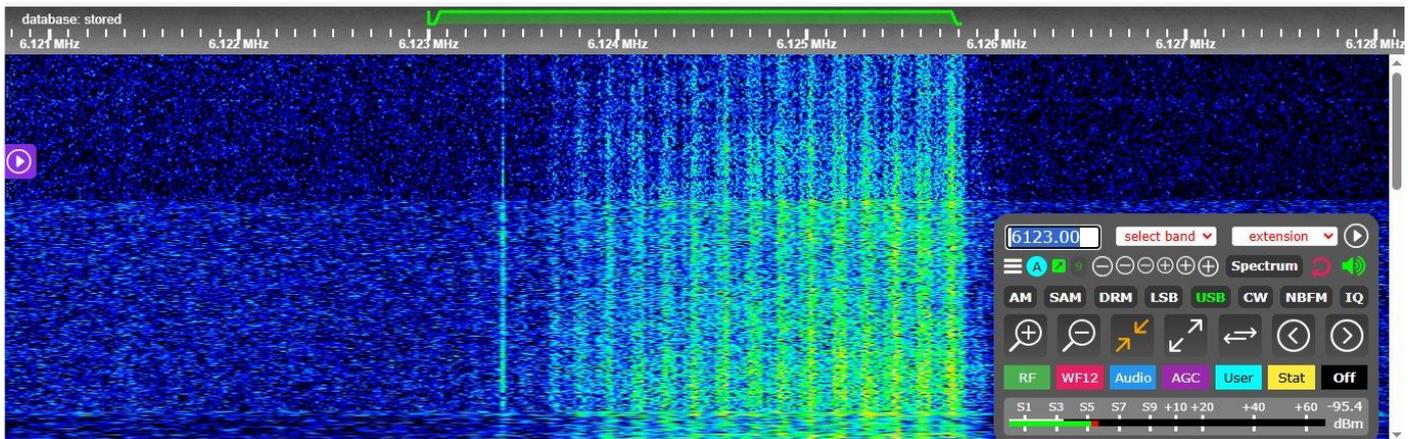
M95 / Q26 O

M95 Morse Logs (Bold type indicates new logging)

3540	(In tfc)	1810z	05 Jan	NR .../CCK CK 58 16 0105 0200 RMKS 9736 TO 9764 BT (Other stn on 3618)	(Remote tuner Japan)	JPL	MON
3568	(In tfc)	1835z	05 Jan	NR .24/CCK CK 51 37 0105 0230 RMKS 7958 TO 7312 7386 8909 7834 BT (Both stns on this freq)	(Remote tuner Japan)	JPL	MON
3605.75		1743z	04 Feb	Into tfc - OTA - 1747z Q26	(Remote tuner Japan)	JPL	WED
		1800z	05 Feb	Into tfc - OTA - 1807z Q26 FFF 1PNA 1PNA 1PNA (Remote tuner Japan)	(Remote tuner Japan)	JPL	THU
		1800z	06 Feb	Into tfc - OTA - 1810z Q26 (Remote tuner Japan)	(Remote tuner Japan)	JPL	FRI
		1900z	10 Feb	Into tfc - OTA - 1904z Q26 (Remote tuner Japan)	(Remote tuner Japan)	JPL	TUE
				I thought that 5394.75 and 3605.75 were in //, but 5394.75 stopped before 3605.75			
3618	(In tfc)	1805z	05 Jan	RMKS 9764 TO 9736 BT (Other stn on 3540)	(Remote tuner Japan)	JPL	MON
3859	(In tfc)	1259z	08 Jan	NR 0079/CCK CK 91 17 0108 2035 RMKS 4674 TO 4670 BT	(Remote tuner Japan)	JPL	THU
3903	Call Sign HBDD (x2)			Replaced YHDX DE SAQC on 3968, 6936, 5479 & 10722kHz			
	1804z	11 Jan		V WCJJ (x3) DE HBDD (x2) Chirpy sound	(Remote tuner Japan)	JPL	SUN
	1836z	18 Jan		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SUN
	1641z	29 Jan		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	THU
	1555z	16 Feb		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	MON
	1457z	19 Feb		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	THU
	1650z	27 Feb		V WCJJ (x3) DE HBDD (x2) Chirpy sound	(Remote tuner Japan)	JPL	FRI
3903//6886	Call Sign HBDD			Replaced YHDX DE SAQC on 3968, 6936, 5479 & 10722kHz			
	1758z	02 Jan		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
	1326z	30 Jan		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
	1311z	31 Jan		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SAT
	1228z	01 Feb		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SUN
	1726z	03 Feb		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
	1710z	05 Feb		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	THU
	1726z	06 Feb		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
	1933z	08 Feb		V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SUN
3978		2002z (In tfc)	08 Feb	In tfc M95	(Remote tuner Japan)	JPL	SUN
4123	TBYB	1750z	17 Feb	In tfc - DE TBYB (Remote tuner Japan)	(Remote tuner Japan)	JPL	TUE
				NR 084/CCK CK 81 32 0218 0100 RMKS 9413 TO 9398 TO 9366 TO U383 BT			
4156//9042		1151z (Into M95)	02 Jan	NR 03 CK 48 35 0102 1512 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	FRI
		1151z (Into M95)	05 Jan	NR 04 CK 145 35 0102 1526 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	MON
		1155z (Into M95)	13 Jan	NR 010 CK 61 35 0105 1517 BT (Too weak to copy other msgs) (Remote tuner Japan)	(Remote tuner Japan)	JPL	TUE
		1145z	24 Jan	NR 0.6 CK .4 35 0113 1453 BT V.Weak (Remote tuner Japan)	(Remote tuner Japan)	JPL	TUE
		1144z	26 Jan	NR 26 CK 2.1 35 0113 1515 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	SAT
		1149z (In M95)	19 Feb	In Q26 - Into M95 - 1152z (Remote tuner Japan)	(Remote tuner Japan)	JPL	MON
				NR 048 CK 51 35 0124 1452 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	THU
				NR 48 CK 175 35 0124 1513 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	THU
				In Q26 - Into M95 - 1152z (Remote tuner Japan)	(Remote tuner Japan)	JPL	MON
				NR 052 CK 50 35 0126 1525 BT (Unable to copy next msg - faded out)			
				NR 001 CK 15 35 0219 1435 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	THU
				NR 38 CK 154 35 0219 1527 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	THU
4156//6352//9042		1147z (In tfc)	04 Feb	In tfc - Q26 - Into M95 - 1154z (Remote tuner Japan)	(Remote tuner Japan)	JPL	WED
				NR 90 CK 63 35 0204 1435 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	WED
		1151z (In M95)	17 Feb	NR 0967 CK 48 35 0218 1502 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	TUE
				NR 34 CK 165 35 0217 1523 BT (Remote tuner Japan)	(Remote tuner Japan)	JPL	TUE
		1146z (In Q26)	23 Feb	In Q26 - M95 - 1148z (Remote tuner Japan)	(Remote tuner Japan)	JPL	MON

				NR 009 CK 33 35 0223 1505 BT NR 46 CK 157 35 0123 1513 BT			
	1150z	(In M95)	23 Feb	NR 54 CK 139 35 0227 1505 BT NR 035 CK 26 35 0227 1613 BT	(Remote tuner Japan)	JPL FRI	
4225//9392	Call Sign XS24	Note: New frequencies & Call Sign Previously XSV70 on 9153 // 4283					
	2338z	(In tfc)	18 Jan	NR 055 CK 137 35 0119 0708 BT (Ends ZNN SK)	(Remote tuner Japan)	JPL SUN	
4367	1203z		09 Feb	Into Q26 - OTA 1204z M95	(Remote tuner Japan)	JPL MON	
4478	(In tfc)	1708z	31 Jan	NR 01/CCK CK 31 40 0201 0100 RMKS 8546 TO 8158 8405 4520 80815 8413 8494 8501 8410 BT HR WK NR 450 NIL SK NIL SK - 1711z (Appears to be a broadcast)	(Remote tuner Japan)	JPL SAT	
4542	Call Sign XS30						
	1610z	(In tfc)	20 Jan	Q26 - LSB - OTA 1617z - Into M95 - 1619z BNGC DE XS30 NR ..5 CK 666 35 0ADA 014U BT	(Remote tuner Japan) New sked? 6876 N/H	JPL TUE	
4542//6876	Call Sign XS30						
	1142z		02 Jan	In Q26 - Into M95 - 1148z V BNGC DE XS30 NR 0007 CK 642 35 0102 1619 BT	(Remote tuner Hong Kong)	JPL FRI	
	1139z		06 Jan	In Q26 - Into M95 - 1150z V BNGC DE XS30 NR 0024 CK 040 35 0106 1641 BT NR 0025 CK 652 35 0106 1642 BT	(Remote tuner Hong Kong)	JPL TUE	
	1133z		24 Jan	In tfc - Q26 - LSB - OTA 1139z - Into M95 - 1140z BNGC DE XS30 NR 0090 CK 36. 35 0124 1605 BT	(Remote tuner Japan)	JPL SAT	
	1131z		26 Jan	In Q26 - Into M95 - 1141z V BNGC DE XS30 NR 0094 CK 423 35 0126 1534 BT	(Remote tuner Hong Kong)	JPL MON	
	1132z		31 Jan	Into tfc - Q26 - LSB - Lost of use of SDR	(Remote tuner Hong Kong)	JPL SAT	
	1150z		02 Feb	In M95 - BNGC DE XS30	(Remote tuner Taiwan)	JPL MON	
	1139z		04 Feb	In Q26 - M95 1142z - BNGC DE XS30 NR 0125 CK 343 35 0204 1527 BT	(Remote tuner Japan)	JPL WED	
	1134z		09 Feb	In Q26 - M95 1145z - BNGC DE XS30 NR 0145 CK 032 35 0209 1702 BT	(Remote tuner Kong Kong)	JPL MON	
	1132z		10 Feb	In Q26 - BNGC DE XS30 Q26	(Remote tuner Japan)	JPL TUE	
	1153z		12 Feb	In M95 - BNGC DE XS30	(Remote tuner Japan)	JPL THU	
	1605z		16 Feb	Into Q26 - BNGC DE XS30 // 6876 N/H Q26	(Remote tuner Japan)	JPL MON	
	1135z		17 Feb	In Q26 - Into M95 - 1146z - BNGC DE XS30 NR 0168 CK 578 35 0218 1552 BT	(Remote tuner Hong Kong)	JPL TUE	
	1131z		19 Feb	Into Q26 - Into M95 - 1144z - BNGC DE XS30 NR 0175 CK 454 35 0219 1523 BT	(Remote tuner Hong Kong)	JPL THU	
	1143z		23 Feb	In M95 - BNGC DE XS30 M95	(Remote tuner Hong Kong)	JPL MON	
5163	P9LR	1718z	17 Feb	In tfc - LARU DE P9LR NR 084/CCK CK81 82 0218 0100 RKMS 1452 TO 1210 TO 1233 TO A202 BT	(Remote tuner Japan)	JPL TUE	
5254.2		1819z	(In tfc)	07 Jan	(In tfc - OTA 1820z) Q26	(Remote tuner Japan)	JPL WED
5232	(In tfc)	1717z	09 Jan	NR 050/CCK CK 51 37 0110 0115 RMKS 7948 TO 7314 7312 7339 7378 BT Msg sent twice - Possibly a broadcast msg. Ended with VA VA	(Remote Japan)	JPL FRI	
	(In tfc)	1710z	22 Jan	NR 124/CCK CK 51 37 0123 0200 RMKS 7948 TO 7909 7845 7342 7351 BT	(Remote tuner Japan)	JPL THU	
	WKXI	1700z	23 Jan	VVV UBVE (x3) DE WKXI (x2) (Repeated) M95 NR 131/CCK CK 51 39 0124 0100 RMKS 7948 TO 7890 7854 7312 7365 BT (Msg sent twice - Bdcast)	(Remote tuner Japan)	JPL FRI	
	(In tfc)	1718z	31 Jan	NR 0.1/CCK CK 51 29 0201 0113 RMKS 7948 TO 7909 7834 ..44 7350 BT In tfc - Appears to be a broadcast)	(Remote tuner Japan)	JPL SAT	
5322	(In tfc)	1216z	07 Jan	NR 0066/CCK CK 91 20 0107 1950 RMKS 3485 TO 3482 BT	(Remote Japan)	JPL WED	
5338		1210z	(In tfc)	02 Jan	(In tfc) Q26	(Remote tuner Japan)	JPL FRI
5394.5	1700z		04 Feb	Into tfc - OTA - 1703z Q26 Note: The frequency should be 5395 vice 5394.5 Terrible QRM on this frequency.	(Remote tuner Japan)	JPL WED	

5394.75	1700z	05 Feb	Into tfc - OTA - 1703z	Q26	(Remote tuner Taiwan)	JPL	THU	
		2102z	In tfc - OTA - 2104z	Q26	(Remote tuner Japan)	JPL	SUN	
		1302z	09 Feb	In tfc - OTA - 1304z	Q26	(Remote tuner Japan)	JPL	MON
		1300z	10 Feb	Into tfc - OTA - 1304z	Q26	(Remote tuner Japan)	JPL	TUE
		1900z	10 Feb	Into tfc - OTA - 1904z	Q26	(Remote tuner Japan)	JPL	TUE
		1900z	11 Feb	Into tfc - OTA - 1904z	Q26	(Remote tuner Japan)	JPL	WED
		1300z	12 Feb	Into tfc - OTA - 1904z	Q26	(Remote tuner Japan)	JPL	THU
		1700z	12 Feb	Into tfc - OTA - 1904z	Q26	(Remote tuner Japan)	JPL	THU
		1300z	16 Feb	Into tfc - OTA - 1903z	Q26	(Remote tuner Japan)	JPL	MON
		1300z	19 Feb	Into tfc - OTA - 1904z	Q26	(Remote tuner Japan)	JPL	THU
5394.75//8001.75	1700z	17 Feb	Into tfc - OTA - 1903z	Q26	(Remote tuner Japan)	JPL	TUE	
		1100z	19 Feb	Into tfc - OTA - 1904z	Q26	(Remote tuner Japan)	JPL	THU
		1300z	23 Feb	Into tfc - OTA - 1304z	Q26	(Remote tuner Japan)	JPL	MON
		1700z	23 Feb	Into tfc - OTA - 1304z	Q26	(Remote tuner Japan)	JPL	MON
		1300z	27 Feb	Into tfc - OTA - 1303z	Q26	(Remote tuner Japan)	JPL	FRI
		1700z	27 Feb	Into tfc - OTA - 1703z	Q26	(Remote tuner Japan)	JPL	FRI
5395	CXLB (In tfc) (In tfc) (In tfc)	1219z	07 Jan	In tfc - CXLB working CE5F, XTF2, CEQ8, and 1 more stn	(Remote tuner Japan)	JPL	WED	
		1704z	24 Jan	In tfc Q26	(Remote tuner Japan)	JPL	SAT	
		1702z	30 Jan	In tfc - OTA 1704z	Q26	(Remote tuner Japan)	JPL	FRI
		1701z	31 Jan	In tfc - OTA 1703z	Q26	(Remote tuner Japan)	JPL	SAT
		1700z	01 Feb	Into tfc - OTA - 1703z	Q26	(Remote tuner Japan)	JPL	SUN
		1700z	02 Feb	Into tfc - OTA - 1703z	Q26	(Remote tuner Japan)	JPL	MON
		1700z	03 Feb	Into tfc - OTA - 1703z	Q26	(Remote tuner Japan)	JPL	TUE
		5450	(In tfc)	1242z	04 Jan	(In tfc - Other station on 5402)	(Remote tuner Japan)	JPL	SUN
5502	(In tfc)	1250z	04 Jan	(In tfc - On other station on 5450) NR 008/CCK CK 91 91 0104 2035 RMKS 9133 TO 9595 BT	(Remote tuner Japan)	JPL	SUN	
5544	1812z	27 Feb	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI		
5566	(In tfc)	1258z	04 Jan	(In tfc - Very weak) NR 016/CCK CK 51 .. 0104 RMKS 7948 TO 7890 73.. 7486 7458 BT	(Remote tuner Japan)	JPL	SUN	
5569	(In tfc)	1826z	03 Jan	(In tfc - Very weak) Q26	(Remote tuner Japan)	JPL	SAT	
6123	(In tfc)	1849z	05 Jan	Note: Switched to voice - Female USB - V26 Switched to Unknown Digital - Other stn not on this freq.	(Remote tuner Japan)	JPL	MON	



6123kHz 1849z 05 Jan

Unknown Digital Mode in Progress

Courtesy JPL

6352	(In tfc)	1212z	31 Jan	In tfc // 9042 // 4152 N/H Note: New frequency NR 62 CK 185 35 0131 1512 BT NR 047 CK 19 35 0131 1648 BT	(Remote tuner Japan)	JPL	SAT
6352//9042	1150z	09 Feb	Into Q26 - M95 - 1151 NR 080 CK 56 35 0209 1507 BT NR 18 CK 183 35 0209 1530 BT	(Remote tuner Japan)	JPL	MON	
		1143z	10 Feb	Into Q26 Q26	(Remote tuner Japan)	JPL	TUE
		1156z	12 Feb	In M95	(Remote tuner Japan)	JPL	THU
6557	Call Sign HBDD	1151z	10 Feb	Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
		1114z	19 Feb	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	THU
		1234z	27 Feb	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
6557//11475	Call Sign HBDD	1009z	03 Jan	Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SAT
		1111z	06 Jan	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
		1111z	31 Jan	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SAT

	1227z	02 Feb	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Taiwan)	JPL	MON
	1103z	04 Feb	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Taiwan)	JPL	WED
	1035z	09 Feb	V WCJJ (x3) DE HBDD (x2)	Chirpy sound on 11375	(Remote tuner Japan)	JPL	MON
6886	Call Sign HBDD		Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz				
	1919z	01 Jan	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	THU
	2203z	02 Jan	V WCJJ (x3) DE HBDD (x2)		(SDR Twente)	BR	FRI
	1309z	02 Jan	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	FRI
	1312z	04 Jan	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	SUN
	1728z	(In tfc) 05 Jan	V WCJJ (x3) DE HBDD (x2)	RMKS CQ - weak	(Remote tuner Japan)	JPL	MON
	1741z	08 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	THU
			Possibly the 11475 txer in the day, is used for the 6886 night time txer.				
	1651z	09 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	FRI
	1333z	10 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	SAT
	1756z	12 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	MON
	1816z	19 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	MON
	1650z	22 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	THU
	1603z	23 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	FRI
	1654z	24 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	SAT
	1652z	27 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	TUE
	1313z	29 Jan	V WCJJ (x3) DE HBDD (x2)	Chirp now gone	(Remote tuner Japan)	JPL	THU
	1641z	29 Jan	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	THU
	1238z	30 Jan	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	FRI
	2156z	06 Feb	V WCJJ (x3) DE HBDD (x2)	Fair	(SDR Twente)	BR	FRI
	1928z	11 Feb	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	WED
	1205z	12 Feb	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	THU
	1228z	12 Feb	V WCJJ (x3) DE HBDD (x2)		(Remote tuner Japan)	JPL	THU
8001.75	1300z	16 Feb	Into tfc - OTA - 1903z Q26		(Remote tuner Japan)	JPL	MON
			Note: New Q26 schedule and maybe // to 5394.75				
	1700z	16 Feb	Into tfc - OTA - 1903z Q26		(Remote tuner Japan)	JPL	MON
			Note: Too much noise on 5394.75 to determine if active.				
9042	2343z	18 Jan	In Q26 - Into M95 2352z - Very weak // 4156 N/H		(Remote tuner Japan)	JPL	SUN
			NR 005 CK 44 35 0119 0612 BT				
			NR 006 CK 20 35 0119 0617 BT				
			NR 37 CK 111 35 0119 0655 BT				
	1157z	31 Jan	In M95 - 1152z	// 4152 N/H	(Remote tuner Japan)	JPL	SAT
			NR 052 CK 42 35 0131 1510 BT				
			NR 62 CK 185 35 0131 1512 BT				
	2330z	(In tfc) 06 Feb	In tfc - Q26		(Remote tuner South Korea)	JPL	FRI
			DDDD22221111 DDDD22221111 DDDD22221111 DDDD22221111 DDDD22221111				
			DDDD22221111 DDDD22221111 DDDD22221111 DDDD22221111 DDDD22221111				
			(Some sort of test transmission?)				
11475	Call Sign HBDD		Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz				
	1208z	08 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	THU
	1207z	22 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	THU
	1123z	24 Jan	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	SAT
	1151z	10 Feb	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	TUE
	1234z	27 Feb	V WCJJ (x3) DE HBDD (x2)	Chirpy sound	(Remote tuner Japan)	JPL	FRI
12762.75	1100z	09 Feb	In tfc - OTA - 1104z Q26		(Remote tuner Japan)	JPL	MON

Marker Beacons (MX MXI)

3657	2114z	13 Jan	MX	CW	Beacon "V" Khiva	Weak	BR	TUE
4557.7	2116z	13 Jan	MXI	CW	Beacon "D" Sevastopol	Weak	BR	TUE
	2110z	07 Feb	MXI	CW	Beacon "D" Sevastopol	Good	BR	SAT
4558.3	1549z	22 Feb	MXI	CW	Beacon "K"	(Via SDR Japan)	AB	SUN
4558.4	1549z	22 Feb	MXI	CW	Beacon "M" Magadan	(Via SDR Japan)	AB	SUN
4557.9	2111z	07 Feb	MXI	CW	Beacon "S" Severomorsk	Weak	BR	SAT
5153.7	2117z	13 Jan	MXI	CW	Beacon "D" Sevastopol	Weak	BR	TUE
	2112z	07 Feb	MXI	CW	Beacon "D" Sevastopol	Weak	BR	SAT
5153.9	2113z	07 Feb	MXI	CW	Beacon "S" Severomorsk	Weak	BR	SAT
	1541z	22 Feb	MXI	CW	Beacon "S" Severomorsk		AB	SUN
5154.1	2117z	13 Jan	MXI	CW	Beacon "A" Astrakhan	Weak	BR	TUE
	2113z	07 Feb	MXI	CW	Beacon "A" Astrakhan	Weak	BR	TUE
	1541z	22 Feb	MXI	CW	Beacon "A" Astrakhan		AB	SUN
5154.3	1549z	22 Feb	MXI	CW	Beacon "K"		AB	SUN
5156.8	2114z	07 Feb	MX	CW	Beacon "L" St Petersburg	Fair	BR	SAT
	1541z	22 Feb	MX	CW	Beacon "L" St Petersburg		AB	SUN

This series of transmissions on 5351.8kHz, reported by Ary, (AB), was first thought to be part of the M23 series of transmissions in progress at this time. However, when the non-standard output changed to a continuous 'P', it is now believed to be a Russian beacon. Signal strength readings on various SDRs along with use of the correct .8 spacing of the frequency would seem to confirm this.

5351.8	0512z 0508z 0526z 0855z	06-09 Feb 10-15 Feb 16-19 Feb 20-23 Feb	MX MX MX MX	CW CW CW CW	Beacon Beacon Beacon Beacon	'1' 'GPP' 'IPP' 'P'	(Repeated continuously) (Repeated continuously – With some breaks) (Repeated continuously – With some breaks) (Repeated continuously)	AB AB AB AB/BR	THU-MON TUE-SUN MON-THU FRI
7508.7	2119z	13 Jan	MXI	CW	Beacon	"D" Sevastopol	Good with QSB	BR	TUE
	0902z	15 Jan	MXI	CW	Beacon	"D" Sevastopol	V.Weak	BR	THU
	2117z	07 Feb	MXI	CW	Beacon	"D" Sevastopol	Good	BR	SAT
	1540z	22 Feb	MXI	CW	Beacon	"D" Sevastopol		AB	SUN
	0818z	23 Feb	MXI	CW	Beacon	"D" Sevastopol	Fair	BR	MON
7508.8	1540z	22 Feb	MXI	CW	Beacon	"P" Kaliningrad		AB	SUN
7508.9	0901z	15 Jan	MXI	CW	Beacon	"S" Severomorsk	Weak	BR	THU
	2118z	07 Feb	MXI	CW	Beacon	"S" Severomorsk	Fair	BR	SAT
	1540z	22 Feb	MXI	CW	Beacon	"S" Severomorsk		AB	SUN
7509	0903z	15 Jan	MXI	CW	Beacon	"C" Moscow	V.Weak - Fading	BR	THU
	2119z	07 Feb	MXI	CW	Beacon	"C" Moscow	Fair	BR	SAT
	0819z	23 Feb	MXI	CW	Beacon	"C" Moscow	Weak	BR	MON
8494.7	2120z	07 Feb	MXI	CW	Beacon	"D" Sevastopol	Fair under digital QRM	BR	SAT
	1537z	22 Feb	MXI	CW	Beacon	"D" Sevastopol		AB	SUN
8494.8	1537z	22 Feb	MXI	CW	Beacon	"P" Kaliningrad		AB	SUN
8494.9	0900z	15 Jan	MXI	CW	Beacon	"S" Severomorsk	Fair under Digital QRM	BR	THU
	2121z	07 Feb	MXI	CW	Beacon	"S" Severomorsk	Fair under Digital QRM	BR	SAT
	1537z	22 Feb	MXI	CW	Beacon	"S" Severomorsk		AB	SUN
8495.1	1537z	22 Feb	MXI	CW	Beacon	"A" Astrakhan		AB	SUN
8495.2	1549z	22 Feb	MXI	CW	Beacon	"F" Vladivostok	(Via SDR Japan)	AB	SUN
8495.3	1549z	22 Feb	MXI	CW	Beacon	"K"	(Via SDR Japan)	AB	SUN
8495.4	1549z	22 Feb	MXI	CW	Beacon	"M" Magadan	(Via SDR Japan)	AB	SUN
8497.8	1541z	22 Feb	MX	CW	Beacon	"L" St Petersburg		AB	SUN
	0820z	23 Feb	MX	CW	Beacon	"L" St Petersburg	Fair	BR	MON
10871.3	1549z	22 Feb	MXI	CW	Beacon	"K"	(Via SDR Japan)	AB	SUN
10871.7	0857z	15 Jan	MXI	CW	Beacon	"D" Sevastopol	Weak	BR	THU
	2124z	07 Feb	MXI	CW	Beacon	"D" Sevastopol	Fair	BR	SAT
	1536z	22 Feb	MXI	CW	Beacon	"D" Sevastopol		AB	SUN
10871.8	0855z	15 Jan	MXI	CW	Beacon	"P" Kaliningrad	Good	BR	THU
	1536z	22 Feb	MXI	CW	Beacon	"P" Kaliningrad		AB	SUN
	0813z	23 Feb	MXI	CW	Beacon	"P" Kaliningrad	Good	BR	MON
10871.9	1536z	22 Feb	MXI	CW	Beacon	"S" Severomorsk		AB	SUN
	0815z	23 Feb	MXI	CW	Beacon	"S" Severomorsk	Weak	BR	MON
10872	2124z	07 Feb	MXI	CW	Beacon	"C" Moscow	Fair with QSB	BR	SAT
	1536z	22 Feb	MXI	CW	Beacon	"C" Moscow		AB	SUN
	0814z	23 Feb	MXI	CW	Beacon	"C" Moscow	Weak	BR	MON
13527.7	0852z	15 Jan	MXI	CW	Beacon	"D" Sevastopol	Fair	BR	THU
	1534z	22 Feb	MXI	CW	Beacon	"D" Sevastopol		AB	SUN
	0812z	23 Feb	MXI	CW	Beacon	"D" Sevastopol	Weak	BR	MON
13527.8	0853z	15 Jan	MXI	CW	Beacon	"P" Kaliningrad	Fair	BR	THU
	1534z	22 Feb	MXI	CW	Beacon	"P" Kaliningrad		AB	SUN
13527.9	1534z	22 Feb	MXI	CW	Beacon	"S" Severomorsk		AB	SUN
13528	0851z	15 Jan	MXI	CW	Beacon	"C" Moscow	Fair	BR	THU
	1534z	22 Feb	MXI	CW	Beacon	"C" Moscow		AB	SUN
	0811z	23 Feb	MXI	CW	Beacon	"C" Moscow	Fair	BR	MON
16331.7	0849z	15 Jan	MXI	CW	Beacon	"D" Sevastopol	Good	BR	THU
16331.7	1532z	22 Feb	MXI	CW	Beacon	"D" Sevastopol		AB	SUN
	0809z	23 Feb	MXI	CW	Beacon	"D" Sevastopol	Good	BR	MON
16331.9	0849z	15 Jan	MXI	CW	Beacon	"S" Severomorsk	Fair	BR	THU
		22 Feb	MXI	CW	Beacon	"S" Severomorsk		AB	SUN
	0809z	23 Feb	MXI	CW	Beacon	"S" Severomorsk	Weak	BR	MON
16332.1	0850z	15 Jan	MXI	CW	Beacon	"A" Astrakhan	Weak	BR	THU
	1533z	22 Feb	MXI	CW	Beacon	"A" Astrakhan		AB	SUN
	0810z	23 Feb	MXI	CW	Beacon	"A" Astrakhan	Weak	BR	MON
20047.7	0847z	15 Jan	MXI	CW	Beacon	"D" Sevastopol	Fair	BR	THU
	1215z	10 Feb	MXI	CW	Beacon	"D" Sevastopol	Weak	PLdn	TUE
	1535z	22 Feb	MXI	CW	Beacon	"D" Sevastopol		AB	SUN
	0807z	23 Feb	MXI	CW	Beacon	"D" Sevastopol	Fair	BR	MON
20047.9	1215z	10 Feb	MXI	CW	Beacon	"S" Severomorsk	Fair	PLdn	TUE
20048.1	0806z	23 Feb	MX	CW	Beacon	"A" Astrakhan	Weak	BR	MON

14/02 '480' 357 46 47830 18363 49627 14364 03502 35458 40609 51516 53192 43043 76170 52401 67689 45692 67453 16805 34038 06769 01876 61976
80398 70508 48049 21504 96579 25161 56179 07629 35159 91731 31720 54909 47278 27252 15039 93264 14851 63875 41424 34625
71808 97872 94240 62314 64823 61537 357 46 00000

21/02 '480' 375 44 03642 71346 27625 25231 48149 72176 35940 39172 16793 92979 91742 89142 95498 94294 72068 14679 49307 40703 86738 40409
64145 82614 21708 51591 83465 64182 30304 92934 90385 34393 92913 76497 67098 97514 71917 60490 20732 02983 15297 86291
41361 54764 28549 70696 375 44 00000

Sundays '480' (Repeat of Saturday) 0730z 12107kHz 0800z 9481kHz

PoSW writes:

Heard on Saturdays at 1630 UTC, 6792 kHz, in February of last year alternating on a weekly basis between E06 and S06 voices. In Feb of this year has been heard with E06 voice only, same day, time and frequency. Also shown in En152 prediction list. Call "480":-

7-Feb-26:- DK/GC "765 765 44 44" (?), not very strong, difficult copy at times.

21-Feb-26:- DK/GC "375 375 44 44", signal strength up and down.

Prediction list also suggests a Sunday 0730 UTC transmission on 12093; found it on a slightly higher frequency:-

15-Feb-26:- 12107 kHz DK/GC "357 357 46 46", varying signal strength.

22-Feb-26:- 12107 kHz, DK/GC "375 375 44 44", looks like a repeat of the previous evenings 1630z sending. Ended at 0742:20s UTC approx.

E07 Jan/Feb

Peter leads into others logs as he covers both schedules:

Just two regular schedules, apparently, the first continues to use the same frequencies as in the last few years:-

Tuesday + Friday Schedule. 1500 UTC Start:-

2-Jan-26, Fri:- 1500 UTC, 13375 kHz, "313 313 313 000", good signal.
1520 UTC, 12175 kHz, slightly weaker.

6-Jan-26, Tue:- 1500 UTC, 13375 kHz, "313 313 313 1", message, weak signal, difficult copy, DK/GC unreadable, became stronger a few minutes in, ended at 1514:20s UTC.

1520 UTC, 12175 kHz, stronger, DK/GC "887 143" x 2, interference from a wide-band pulse interference extending from approx 12164 to 12186 kHz which had gone when checked at 1527z. Nothing readable from the third sending at 1540z on predicted frequency 10375.

9-Jan-26, Fri:- 1500 UTC, 13375 kHz, "313" and "887 143" again, weak signal.
1520 UTC, 12175 kHz, stronger. Nothing readable from the third sending.

13-Jan-26, Tue:- 1500 UTC, 13375 kHz, "313 313 313 000", varying signal strength.
1520 UTC, 12175 kHz, around a "5" on the S-meter.

16-Jan-26, Fri:- 1500 UTC, 13375 kHz, very weak signal, could just make out the "000" of the "no message" routine.
1520 UTC, 12175 kHz, stronger.

27-Jan-26, Tue:- 1500 UTC, 13375 kHz, "313 313 313 000", strong signal.
1520 UTC, 12175 kHz, slightly weaker.

30-Jan-26, Fri:- 1500 UTC, 13375 kHz, strong signal and 1520 UTC, 12175 kHz, weaker, "313 313 313 000".

3-Feb-26, Tue:- 1500 UTC, 15858 kHz, "841 841 841 1", message, DK/GC "765 175" x 2.
3 to 4 on the S-meter, gradually became stronger, ended at 1517 UTC.
1520 UTC, 14458 kHz, interference from one of those wide pulse-buzz things extending from about 14435 to 14460 kHz, at its fiercest between 14445-1450; over-the-horizon radar?
1540 UTC, 12158 kHz, good signal on a clear frequency.

6-Feb-26, Fri:- 1500 UTC, 15858 kHz, "841" and "765 175" again, weak signal, became slightly stronger a few minutes in.
1520 UTC, 14458 kHz, stronger, again interference from a strong pulse-buzz extending from approx 14440 to 14465 - which obliged us by going off air just after 1524z.
1540 UTC, 12158 kHz, good signal.

10-Feb-26, Tue:- 1500 UTC, 15858 kHz, "841 841 841 000", around 6 to 7 on the S-meter of the Lowe HF125.
1520 UTC, 14458 kHz, also S6 to 7.

17-Feb-26, Tue:- 1500 UTC, 15858 kHz, "841 841 841 1", message, weak signal, DK/GC unreadable.
1520 UTC, 14458 kHz, much stronger, DK/GC "953 99" x 2.
1540 UTC, 12158 kHz, fair signal.

20-Feb-26, Fri:- 1520 UTC, 14458 kHz - missed the first sending - "841" and "953 99" again. Weak at first then became stronger.
1540 UTC, 12158 kHz, good signal.

24-Feb-26, Tue:- 1500 UTC, 15858 kHz, "841 841 841 000", strong signal.
1520 UTC, 14458 kHz, also strong.

Saturday + Thursday Schedule, 1000 UTC Start:-

Some desperate searching required to find this relative newcomer:-

3-Jan-26, Sat:- 1012 UTC, 18281 kHz, message in progress, signal strength up and down, ended at approx 1019:40s UTC, must be a high group count.

1026 UTC, 17437 kHz, second sending in progress.

1050 UTC approx, 16152 kHz, third sending in progress, weak signal.

8-Jan-26, Thu:- 1000 UTC, 18281 kHz, "241 241 241 000", weak signal.

1020 UTC, 17437 kHz, stronger.

10-Jan-26, Sat:- 1000 UTC, 18281 kHz, strong signal and 1020 UTC, 17437 kHz, weaker with a distinct echo effect on the voice at times, "241 241 241 000".

15-Jan-26, Thu:- 1004 UTC, 18281 kHz, missed the start, message in progress, ended just after 1016:30s UTC.

1020 UTC, 17437 kHz, "241 241 241 1", DK/GC "9507 171" x 2.

1040 UTC, 16152 kHz, weak signal.

17-Jan-26, Sat:- 1000 UTC, 18281 kHz, "241" and "9507 171" again, strong signal.

1020 UTC, 17437 kHz, also strong.

1040 UTC, 16152 kHz, weakest sending of the three.

31-Jan-26, Sat:- 1000 UTC, 18281 kHz, "241 241 241 1", message, DK/GC "997 187" x 2,

echo effect on the voice at times, ended a few seconds before 1018 UTC.

1020 UTC, 17437 kHz, again echo on speech noticeable.

1040 UTC, 16152 kHz, weak signal.

12-Feb-26, Thu:- 1024 UTC, 17451 kHz, must be the second sending, message in progress.

1040 UTC, 16243 kHz, "342 342 342 1", DK/GC "9981 126" x 2, strong signal with some fading, echo effect on voice when the signal dipped.

19-Feb-26, Thu:- 1000 UTC, 18364 kHz, "342 342 342 000", good signal.

1020 UTC, 17451 kHz, interference from a strong FSK data signal.

21-Feb-26, Sat:- 1000 UTC, 18364 kHz, "342 342 342 000", strong signal.

1020 UTC, 17451 kHz, FSK interference again.

26-Feb-26, Thu:- 1000 UTC, 18364 kHz, "342 342 342 1", message, DK/GC "634 191" x 2. Varying signal strength, ended at 1018:20s UTC.

1020 UTC, 17451 kHz, FSK interference, seems to be a permanent resident on this frequency.

1040 UTC, 16243 kHz, weak at first, became stronger around 1050z.

Onto others' logs

Tuesday/Friday January 2026

1500z	13375kHz	1520z	12175kHz	1540z	10375kHz
02/01	313 /000				1500z Fair, 1520z Weak
06/01	313 1 887 143 34478 ... 12846 000 000				Weak, 1520z QRM3

313 313 313 1 887 143 887 143

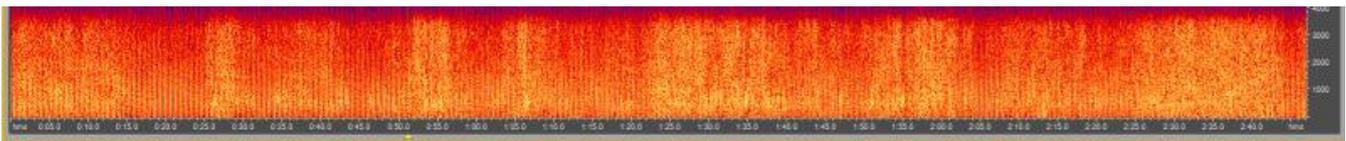
34478 31917 28395 76341 95655
62992 98552 76060 38495 04790
01277 85898 36985 08091 52803
14379 13774 39926 30875 18330
04742 72796 72006 70474 39885
95723 14891 92779 35709 31370
22758 82653 62156 39390 30433
81135 57089 84074 72639 25854
03196 01855 55269 67725 84715
81224 84114 50846 54869 18894
70351 59975 16962 22232 97929
01580 22971 17012 32709 24377
96183 43124 89237 27744 23440
67660 57487 92622 11988 11657
19572 69588 34157 65123 88376
82736 82926 88093 20369 80056
15913 38666 58930 42254 51526
98571 68567 18875 10646 87295
10595 41510 32156 17800 77934
23309 70044 35930 21452 94908
83334 03371 90135 35400 96690
34460 24638 54354 13735 54173
97885 31901 67805 87754 41317
33243 67978 63384 05929 50825
00363 05216 23990 57605 02249
01624 44371 69767 10617 23861
04460 15927 06065 28074 40416
07901 31105 19715 42283 22824
40139 27750 12846
000 000

Courtesy HJH

09/01	NOT MONITORED						
13/01	313 000					Weak	
16/01	313 000					1500z NRH, 1520z Fair	
20/01	313 1 993 188 47134 ... 11560 000 000					<u>Via Twente SDR</u> : Weak, 1540z Fair with QSB to nil	
23/01	313 1 993 188 47134 ... 11560 000 000					1540z NRH, rest Weak, 1500z QSB3	
27/01	313 000					Fair	BR, PLdm TUE
30/01	313 000					Weak	KW

February 2026

1500z	13858kHz	1520z	14458kHz	1540z	12158kHz		
03/02	841 1 765 175 81781 ... 13582 000 000					Weak. 1500z QRM2, 1520z QRM3/4	PLdn, HJH TUE
06/02	841 1 765 175 81781 ... 13582 000 000					Weak., 1500z QRM3	PLdn, HJH FRI
10/02	841 000					1500z Weak, 1520z Fair	



13/02	841 000					1500z Strong, 1520z Fair OTHRQRM2 [See above].	
17/02	841 1 953 99 84109 ... 98768 000 000					1500z NRH, rest Weak	
20/02	841 1 953 99 84109 ... 98768 000 000					Fair	
24/02	841 000					!500z Fair, 1520z Strong	

Thursday/Saturday

January 2026

1000z	18281kHz	1020z	17437kHz	1040z	16152kHz		
01/01	241 1 898 208 08012 ... 56123 000 000					Via TwenteSDR [Weak at PLdn]	
03/01	241 1 898 208 08012 ... 56123 000 000					Weak	
08/01	241 000					Good/Fair	BR THU
10/01	NOT MONITORED						
15/01	241 1 (9507 171) 34170 07201 80289 83389 40567....					Fair/Fair/Fair	BR THU
17/01	241 1 (9507 171) 34170 07201....					- - - /Weak/Fair	BR SAT
22/01	241 000					Fair / NRH (OTHRQRM5)	BR THU
24/01	241 000					via TwenteSDR: Strong	
29/01	241 1 (997 187) 14282 01075 19106 25058 61102....					Good/Fair/Fair	BR THU
31/01	241 1 (997 187) 14282 01075 19106 25058 61102....					Fair/Fair/Fair	BR SAT

February 2026

1000z	18364kHz	1020z	17451kHz	1040z	16243kHz		
05/02		Poor Condx, not found					
07/02	342 342 342 000						Ary SAT
12/02	342 1 (9981 126) 29828 70644 68338 48657 76959....					Good/Good/Fair	BR THU
14/02	342 1 9981 126 29828 ... 52680 000 000					Good/Fair/Fair	BR SAT
19/02	342 000					Fair/Good	BR THU

21/02	342 000	Fair/Good	BR	SAT
26/02	342 1 634 191 26961 ... 97872 000 000	Good/ Weak - Strong TTY QRM/ Fair	BR	THU

E11 & E11a log Jan/Feb

Into the New Year transmission problems have mostly been rectified apart from one Ary caught on the 5th January.
20286kHz 05-01-2026 0600z E11a 159/24 Attention 44 11 77 66 33 11 Attention4 1 7 6 3 1 Out

Now on with the logs:

E11 & E11a log Jan/Feb

4505kHz	1610z	07/01 [393/00] Out 1613z Strong	PLdn	WED
	1610z	14/01 [399/35 11748 18660 80007 45793 35685 03004 43967 03787.....25472 78463]	Gary H, PLdn	WED
	1610z	21/01 [391/00] Out 1613z Fair	PLdn	WED
	1610z	28/01 [393/00] Strong	Gary H, PLdn	WED
	1610z	11/02 [393/00] Out 1613z Strong	PLdn	WED
	1610z	14/02 [393/00]	Gary H	SAT
	1610z	18/02 [393/00] Out 1613z Fair	PLdn	WED
4909kHz	1645z	04/01 [368/00] Out 1648z Fair	PLdn	SUN
	1300z	05/01 [319/00] Weak (Polish SDR)	Brian	MON
	1645z	11/01 [366/00] Out 1648z Fair	PLdn	SUN
	1645z	17/01 [369/00]	Gary H	SAT
	1300z	19/01 [316/00] Fair (Polish SDR)	Brian, PLdn	MON
	1645z	25/01 [369/00] Out 1648z Fair	PLdn	SUN
	1300z	26/01 [311/00] (Polish SDR)	Brian	MON
	1300z	29/01 [319/00] Weak (Polish SDR)	Brian	THU
	1645z	01/02 [364/40 36001.....55983] Out 1656z Fair	PLdn	SUN
	1645z	08/02 [360/00] Out 1648z Weak	PLdn	SUN
	1645z	14/02 [369/32 56800 63457 97646 50630 58245 31058 76882 29287.....97688 49619]	Gary H	SAT
	1300z	16/02 [314/00] Out 1303z Good	dMHz	MON
	1645z	22/02 [360/00] Out 1648z Weak	PLdn	SUN
5082kHz	2000z	01/01 [524/00] Out 2003z Fair	PLdn	THU
	1715z	07/01 [978/00]	Gary H	WED
	2000z	08/01 [524/00] Out 2003z Weak	PLdn	THU
	2000z	11/01 [525/00] Out 2003z Strong	PLdn	SUN
	2000z	15/01 [522/00] Out 2003z Weak	PLdn	THU
	2000z	18/01 [525/00] Out 2003z Strong	PLdn	SUN
	2000z	22/01 [525/39 90199.....45073] Out 2011z Weak	RNGB	THU
	1715z	23/01 [974/00]	Gary H	FRI
	2000z	29/01 [528/00] Out 2003z Strong	PLdn	THU
	2000z	01/02 [525/00] Out 2003z Very strong	PLdn	SUN
	1715z	04/02 [978/00]	Gary H	WED
	2000z	08/02 [528/00] Out 2003z Weak	PLdn	SUN
	2000z	12/02 [521/00] Out 2003z Strong	PLdn	THU
	1715z	13/02 [974/32 46894 34034 13979 77591 67627 85295 09618.....44881 75082] Good	dMHz	FRI
	2000z	15/02 [527/00] Out 2003z Fair	PLdn	SUN
	2000z	19/02 [525/00] Out 2003z Weak	PLdn	THU
	2000z	22/02 [522/00] Out 2003z Fair	PLdn	SUN
	2000z	26/02 [527/35 69456.....21743] Out 2010z Fair	PLdn	THU
5371kHz	0700z	03/01 [496/39 52303 42598 12531 47441 16822 63770 81495 72707.....97204 48442] Good	RNGB, PLdn	SAT
	0700z	18/01 [495/00] Out 0703z Fair	PLdn	SUN
	0700z	07/02 [498/34 42069 22000 57997 34719 48525 85976 70295.....74607 31806 12115] Good	RNGB, PLdn	SAT
	0700z	14/02 [492/00] Out 0703z Fair	PLdn	SAT
	0700z	22/02 [496/00] Out 0703z Weak	PLdn	SUN
5409kHz	1530z	01/01 [267/00]	Gary H, PLdn	THU
	1530z	08/01 [267/31 27949 44021 64663 07138 99345 65163 01394.....36466 63424] Out 1539z Strong	PLdn	THU
	1530z	15/01 [266/00] Out 1533z Fair	PLdn	THU
	1530z	22/01 [262/00] Out 1533z Weak	PLdn	THU
	1530z	29/01 [269/00] Out 1533z Weak	PLdn	THU
	1530z	12/02 [268/00] Fair	Brixmis, PLdn	THU
	1530z	19/02 [260/00] Out 1533z Weak	PLdn	THU
5432kHz	1605z	04/01 [230/00] Out 1608z Strong	PLdn, Gary H	SUN
	1605z	06/01 [232/34 25860.....65562] Out 1615z Fair	PLdn	TUE
	1605z	13/01 [231/00] Out 1608z Strong	PLdn	TUE
	1605z	18/01 [232/00] Out 1608z Fair	PLdn	SUN
	1605z	20/01 [235/00]	Gary H, PLdn	TUE
	1605z	25/01 [233/00] Out 1608z Fair	PLdn	SUN
	1605z	27/01 [230/00] Out 1608z Strong	PLdn	TUE
	1605z	01/02 [237/00] Out 1608z Fair	PLdn	SUN
	1605z	03/02 [237/00] Out 1608z Fair	PLdn	TUE
	1605z	08/02 [230/00] Out 1608z Weak	PLdn	SUN
	1605z	10/02 [232/00] Out 1608z Fair	PLdn	TUE
	1605z	15/02 [235/00] Out 1608z Strong	PLdn	SUN

	1605z	17/02 [236/36 14446 84443 28294 37605 55990 49434 55990.....34090 00851]	Good	dMHz, PLdn	TUE
	1605z	24/02 [231/00]	Out 1608z Weak	PLdn	TUE
6804kHz	0700z	02/01 [573/00]	Good	RNGB, PLdn	FRI
	0700z	06/01 [573/00]	Out 0703z Weak	PLdn	TUE
	0700z	09/01 [579/00]	Good	RNGB	FRI
	0700z	13/01 [574/36 75288.....	Weak, unworkable	PLdn	TUE
	0700z	16/01 [574/36 75288 64310 82878 69492 28055 14749 54193.....93910 55486]	Rpt of Tuesday	RNGB	FRI
	0700z	23/01 [579/00]	Good	RNGB	FRI
	0700z	30/01 [576/00]	Out 0703z Weak	PLdn	FRI
	0700z	03/02 [570/00]	Out 0703z Weak	PLdn	TUE
	0700z	06/02 [575/00]	Out 0703z Weak	PLdn	FRI
	0700z	10/02 [571/00]	Out 0703z Fair	PLdn	TUE
	0700z	17/02 [573/00]	Out 0703z Weak	PLdn	TUE
	0700z	24/02 [573/37 59176.....26861]	Out 0710z Weak	PLdn	TUE
6849kHz	1900z	01/01 [640/00]		dMHz, PLdn	THU
	1815z	02/01 [922/00]	Out 1818z Strong	PLdn	FRI
	1815z	04/01 [925/00]	Out 1818z Strong	PLdn	SUN
	1900z	05/01 [647/34 63604 72657 65011 71994 15519 21701 95692 63298.....26613 63314]	Out 1910z	PLdn	MON
	1815z	11/01 [924/00]	Out 1818z Fair	PLdn	SUN
	1815z	18/01 [925/00]	Out 1818z Fair	PLdn	SUN
	1900z	19/01 [641/00]	out 1903z Very weak	PLdn	MON
	1900z	22/01 [644/00]	Out 1903z Strong	PLdn	THU
	1815z	25/01 [924/38 09723.....91174]	Out 1826z Fair	PLdn	SUN
	1900z	26/01 [644/00]	Out 1903z Good	dMHz	MON
	1900z	29/01 [643/00]	Out 1903z Fair	PLdn	THU
	1815z	30/01 [920/00]	Out 1818z Strong	PLdn	FRI
	1815z	01/02 [927/00]	Out 1818z Very strong	PLdn	SUN
	1900z	02/02 [647/37 84558 89263 09309 8136736237 72818 74347.....70173 71207]	Out 1911z	PLdn	MON
	1815z	06/02 [929/00]	Out 1818z Strong	PLdn	FRI
	1815z	08/02 [924/00]	Out 1818z Fair	PLdn	SUN
	1900z	09/02 [640/00]	S4	Brixmis, PLdn	MON
	1900z	12/02 [646/00]	Out 1903z Strong	PLdn	THU
	1815z	13/02 [927/32 84557 88169 83108 45657 67993 91265 37683 63463.....03851 43744]	Good	dMHz, PLdn	FRI
	1900z	16/02 [649/00]	Out 1903z Strong	PLdn	MON
	1900z	19/02 [648/00]	Out 1903z Strong	PLdn	THU
	1815z	22/02 [920/00]	Out 1818z Strong	PLdn	SUN
	1900z	23/02 [643/00]	Out 1903z Strong	PLdn	MON
	1900z	26/02 [643/00]	Out 1903z Fair	PLdn	THU
	1815z	27/02 [925/00]	Out 1818z Strong	PLdn	FRI
7469kHz	0930z	01/01 [279/00]	Out 0933z Weak	PLdn	THU
	0930z	07/01 [270/00]	Weak	Brian	WED
	0930z	08/01 [278/00]	Good/Fair	Brian	THU
	0930z	14/01 [270/00]	Weak, faded to nil	PLdn, Brian	WED
	0930z	15/01 [273/00]	Fair	Brian, PLdn	THU
	0930z	21/01 [275/00]	Out 0933z Weak	PLdn, Brian	WED
	0930z	28/01 [273/33 76945 49497 94754 76952 62300 70565 47484 21541.....42754 11437]		RNGB, Brian	WED
	0930z	05/02 [271/00]	Fair	Brian	THU
	0930z	11/02 [270/00]	Good	RNGB, PLdn, Brian	WED
	0930z	12/02 [278/00]	Fair	Brian	THU
	0930z	19/02 [273/38 85195 81926.....77505 52632]	Fair	Brian	THU
	0930z	25/02 [277/00]	Fair	RNGB, PLdn	WED
	0930z	26/02 [275/00]	Fair	Brian, PLdn	THU
7850kHz	0600z	02/01 [355/00]	Out 0603z Weak	PLdn	FRI
	0600z	04/01 [359/00]	Weak	PLdn	SUN
	0600z	08/02 [353/32 49120.....07523]	Out 0610z Weak	PLdn	SUN
	0600z	13/02 [352/00]	Out 0603z Strong	PLdn	FRI
	0600z	15/02 [354/00]	Out 0603z Fair	PLdn	SUN
	0600z	27/02 [351/00]	Out 0603z Strong	PLdn	FRI
8180kHz	0720z	02/01 [431/00]	Good	RNGB	FRI
	0720z	08/01 [434/00]	Good	RNGB	THU
	0720z	09/01 [434/00]	Good	RNGB	FRI
	0720z	15/01 [438/32 25510 51404 43524 84124 14945 93936 43869 70361.....03902 31046]	Strong	RNGB	THU
	0720z	23/01 [431/00]	Good	RNGB	FRI
	0720z	29/01 [434/00]	Good	RNGB	THU
	0720z	13/02 [NRH]		RNGB	FRI
	0720z	19/02 [435/38 86998 12157 92684 82114 97719 98735 84875 86874.....70836 41476]	Strong	RNGB	THU
9079kHz	1000z	02/01 [308/00]	Good	Brian	FRI
	1000z	06/01 [304/00]	Fair	Brian	TUE
	1000z	09/01 [305/00]	Fair	Brian	FRI
	1000z	17/01 [306/30 27318 12547 52742 31517 95530 57491 75873 62661.....26345 89195]	Good	Brian, PLdn	FRI
	1000z	20/01 [308/00]	Good	PLdn	TUE
	1000z	23/01 [308/00]	Fair	Brian	FRI
	1000z	27/01 [305/00]	Fair	Brian	TUE
	1000z	03/02 [300/00]	Good	RNGB, Brian	TUE
	1000z	06/02 [309/00]	Good	Brian	FRI
	1000z	10/02 [307/00]	Strong	Brian	TUE
	1000z	13/02 [305/00]	Good	Brian	FRI

	1000z	17/02 [302/00] Strong	Brian	TUE
	1000z	24/02 [306/28 24120 28792 04914 33510 73822 11837 76382 28633.....67984 43368] Good	RNGB, Brian	TUE
10213kHz	0745z	05/01 [267/31 27949 44021 64663 07138 99345 65163 01394 49154.....36466 63424] Strong	RNGB	MON
10487kHz	1910z	06/02 [617/00] Weak	RNGB	FRI
	1910z	15/02 [617/00] Out1913z Very weak	PLdn	SUN
	1910z	27/02 [612/00] Out 1208z Weak	PLdn	FRI
11559kHz	1205z	06/01 [466/00] Fair	Brian, PLdn	TUE
	1205z	07/01 [463/00] Weak QSB to nil	PLdn, Brian	WED
	1205z	13/01 [463/31 40731 05812 23998 34393 18355 43236 04558 39608.....20215 94181]	Gary H, PLdn	TUE
	1205z	21/01 [464/00] Weak	Brian, PLdn	WED
	1205z	27/01 [466/00] Weak	Brian	TUE
	1205z	28/01 [465/00] Very weak	Brian, Gary H	WED
	1205z	03/02 [463/00] Good	RNGB, Gary H, Brian, Pldn	TUE
	1205z	04/02 [460/00]	Brixmis, PLdn	WED
	1205z	10/02 [462/00] Weak	Brixmis, PLdn	TUE
	1205z	11/02 [461/00] Good	RNGB, Brian, Gary H	WED
	1205z	17/02 [466/00] Fair	Brian	TUE
	1205z	24/02 [466/31 91326 50557 96689n01895 45704 37149 86327 62082.....03408 71687] Fair	Brian	TUE
12067kHz	0845z	05/01 [711/00] Fair	Brian	MON
	0845z	07/01 [714/00] Good	RNGB, Brian	WED
	0845z	12/01 [719/00] Very weak	Brian	MON
	0845z	14/01 [719/00] Out 0848z Good	Brian	WED
	0845z	19/01 [719/34 25948 40325 43866 38057 37791 40582 58057.....49944 74642] Fair	Brian	MON
	0845z	28/01 [714/00] Good	Brian	WED
	0845z	02/02 [710/00] Fair	RNGB, Brian	MON
	0845z	04/02 [710/00] Fair	Brian	WED
	0845z	09/02 [714/00] Good	Brian	MON
	0845z	11/02 [716/00] Good	RNGB, Brixmis, Brian	WED
	0845z	16/02 [719/00] Very weak	Brian	MON
	0845z	23/02 [715/39 29994.....89985]	Brian	MON
	0845z	25/02 [715/39 29994 46169 08108 05771 02211 74952 87835 30388.....50461 89985]	RNGB	WED
12924kHz	1745z	05/01 [246/00] Out 1748 Fair	PLdn	MON
	1745z	01/02 [242/00] Out 1748z Strong	PLdn	SUN
	1745z	15/02 [240/00] Out 1748z Weak	PLdn	SUN
	1745z	22/02 [247/33 76973 71700 76899 45685 90165 66772.....41729 48896] Out 1755z Fair	PLdn	SUN
13363kHz	1430z	03/01 [918/00] Out 1433z Weak	PLdn	SAT
	1430z	06/01 [917/00] Out 1433z Weak, QSB ¾	PLdn	TUE
	1430z	10/01 [917/00] S3	Brixmis, Gary H	SAT
	1430z	17/01 [910/00]	Gary H	SAT
	1430z	20/01 [911/00] Out 1433z Fair	PLdn	TUE
	1430z	27/01 [911/39 59999 82735 22213 53286 54395 81685 71750 20926.....27239 16470]	Gary H, PLdn	TUE
	1430z	03/02 [914/00]	Gary H, Pldn	TUE
	1430z	07/02 [917/00] Out 1433z Fair	PLdn	SAT
	1430z	10/02 [917/00] Out 1433z Strong	PLdn	TUE
	1430z	14/02 [919/00] Out 1433z Strong	PLdn	SAT
	1430z	17/02 [912/37 02223.....79203] Out 1440z Weak	PLdn	TUE
	1430z	24/02 [917/00] Out 1433z Fair	PLdn	TUE
	1430z	28/02 [919/00] Out 1433z Strong	PLdn	SAT
13911kHz	0715z	23/01 [634/00] Good	RNGB	FRI
	0715z	30/01 [637/30 78865 22193 99651 88629 67860 02980 11879 61736..... (missed ending)	RNGB	FRI
	0715z	10/02 [639/00] Fair	RNGB	TUE
	0715z	13/02 [634/00] Good	RNGB	FRI
	0715z	17/02 [630/00] Good	RNGB	TUE
	0715z	24/03 [631/35 28330 71624 35789 89905 81478 45928 39509 34196.....	RNGB	TUE
14410kHz	1045z	05/01 [691/00] Fair	Brian	MON
	1045z	07/01 [698/00] Out 1048z Fair	PLdn, Brian	WED
	1045z	12/01 [696/00] Fair	Brian, PLdn	MON
	1045z	14/01 [697/00] Out 1048z Strong	PLdn, Brian	WED
	1045z	19/01 [692/00] Out 1048z Strong	PLdn	MON
	1045z	26/01 [690/00] Out 1048z Strong	PLdn, Brian	MON
	1045z	28/01 [694/00] Out 1048z Strong	PLdn, Brian	WED
	1045z	02/02 [692/22 55102 58419 65566 74272 79409 95501 84999.....95557 25373]Fair	Brian	MON
	1045z	04/02 [696/22 80703 69519 46588 93027 92701 12861.....28889 35365] Not a repeat of MON	PLdn, Brian	WED
	1045z	09/02 [692/00] Good	Brian, PLdn	MON
	1045z	11/02 [690/00] Good	Brixmis, PLdn, Brian	WED
	1045z	16/02 [696/00] Very weak	Brian, PLdn	MON
	1045z	18/02 [694/00] Good	Brixmis, PLdn	WED
	1045z	23/02 [690/00] Out 1048z Fair	PLdn, Brian	MON
	1945z	25/02 [697/00] Good	Brian, PLdn	WED
14611kHz	0820z	06/01 [135/00] Good	RNGB, Brian, PLdn	TUE
	0820z	07/01 [134/00] Weak	RNGB, PLdn	WED
	0820z	13/01 [135/00] Out 0823z Weak	PLdn	TUE
	0820z	14/01 [130/00] Weak	Brian	WED
	0820z	21/01 [131/00] Weak	Brian	WED

0930z	27/01 [134/00]	Note time change		Ary	TUE
0930z	03/02 [132/36 10251 60065 29998 27677 96023 40473 84986 96461.....46816 05839]	Good		RNGB, Brian	TUE
0930z	10/02 [132/00]	Good		RNGB, Brian	TUE
0820z	11/02 [134/00]	Weak		Brixmis, Brian	WED
0930z	17/02 [134/00]	Weak		RNGB, Brian	TUE
0820z	18/02 [134/00]	Good		RNGB	WED
0930z	24/02 [138/00]	Good		RNGB, Brian	TUE
0820z	25/02 [138/00]	Fair		RNGB	WED
15915kHz	0900z	05/01 [537/00]	Weak	Brian, PLdn	MON
	0900z	07/01 [535/00]	Out 0903z Fair	PLdn, Brian	WED
	0900z	12/01 [530/00]	Weak	Brian	MON
	0900z	14/01 [537/00]	Out 0903z Fair	PLdn, Brian	WED
	0900z	19/01 [535/00]	Weak	Brian, PLdn	MON
	0900z	21/01 [536/00]	Weak	Brian	WED
	0900z	26/01 [536/36 16958 11734.....20121 73944]	Out 0910z Weak	Brian, PLdn	MON
	0900z	02/02 [537/00]	Strong	Brian, PLdn	MON
	0900z	04/02 [538/00]	Out 0903z Fair	PLdn, Brian	TUE
	0900z	09/02 [536/00]	Good	RNGB, Brian, PLdn	TUE
	0900z	11/02 [530/00]	Fair	RNGB, PLdn, Brian	WED
	0900z	16/02 [534/00]	Weak	Brian, PLdn	MON
	0900z	18/02 [533/00]	Out 0903z Weak	PLdn	WED
	0900z	23/02 [530/40 84097.....18516]	Out 0911z Fair	PLdn	MON
	0900z	25/02 [530/40 84097 14118 45540 23868 16407 27843 68915 98456.....15646 18516]	Good	RNGB, Brian, PLdn	WED
17378kHz	0845z	01/01 [159/00]	Out 0748z Fair	PLdn	THU
	0745z	02/01 [343/00]	Fair	RNGB, PLdn	FRI
	0845z	06/01 [159/24 65270 31983 84595 29191 50642 39612 88632 57986 .....44760 65118]	Fair	Brian	TUE
	0745z	14/01 [342/00]	Weak	RNGB	WED
	0845z	15/01 [150/00]	Out 0848z Weak	PLdn, Brian	WED
	0845z	20/01 [159/00]	Weak	Brian	TUE
	0745z	21/01 [342/00]	Fair	RNGB	WED
	0845z	22/01 [151/00]	Fair	RNGB, PLdn	THU
	0845z	27/01 [156/00]	Very weak	Brian	TUE
	0845z	29/01 [152/00]	Weak	Brian, PLdn	THU
	0845z	03/02 [159/22 76369 07085 43729 33109 97562 34461 78836 99828.....32992 10918]		RNGB, PLdn, Brian	TUE
	0745z	04/02 [343/00]	Fair	RNGB	WED
	0845z	05/02 [159/22 76369....etc]	Repeat of Tuesday	Brian	THU
	1020z	06/02 [349/00]	Fair	RNGB, Brian	FRI
	0845z	12/02 [156/00]	Out 0848z Weak	PLdn	THU
	1020z	13/02 [349/00]	Weak	Brian	FRI
	0845z	17/02 [154/00]	Weak	Brian	TUE
	0845z	19/02 [151/00]	Weak	Brian, PLdn	THU
	0845z	24/02 [157/00]	Fair	RNGB, PLdn, Brian	TUE
	0745z	25/02 [342/00]	Very weak	RNGB	WED
	0845z	26/02 [151/00]	Good	RNGB, Brian, PLdn	THU
	1020z	27/02 [340/00]	Very weak	Brian	FRI
20167kHz	0715z	07/01 [752/00]	Fair (Polish SDR)	RNGB	WED
	0715z	14/02 [759/00]	Weak	RNGB	WED
	0715z	21/01 [753/00]	Fair (Polish SDR)	RNGB	WED
	0715z	28/01 [751/39 92385 83028 34781 34056 32512 81770 .....32475 71123]	Weak (Polish SDR)	RNGB	WED
	0715z	04/02 [752/00]	Fair	RNGB	WED
	0715z	11/02 [755/00]	Fair (Polish SDR)	RNGB	WED
	0715z	18/02 [752/00]	Fair (Polish SDR)	RNGB	WED
23031kHz	0745z	01/01 [225/00]	Weak	RNGB	THU
	0745z	15/01 [227/00]	Weak	RNGB	THU
	0745z	29/01 [228/00]	Weak	RNGB	THU
	0745z	03/02 [227/00]	Good (Polish SDR)	RNGB	TUE
	0745z	05/03 [223/00]	Good (Polish SDR)	RNGB	THU
	0745z	12/02 [220/39 06269 20157 86872 29947 90141 89768 36025 48222 18136.....14284 37950]		RNGB	THU
	0745z	19/02 [229/00]	Fair	RNGB	THU
	0745z	24/02 [229/00]	Weak	RNGB	TUE
23353kHz	0830z	09/01 [188/00]	Weak	RNGB, Brian	FRI
	0830z	12/01 [181/00]	Weak	RNGB, Brian	MON
	0830z	16/01 [182/00]	Fair (Polish SDR)	RNGB, Brian	FRI
	0830z	19/01 [183/00]	Weak	RNGB	MON
	0830z	23/01 [184/00]	Good (Polish SDR)	RNGB, Brian	FRI
	0830z	02/02 [180/22 72056 13525 58742 21451 99850 59873 24562.....54589 44746]	(Polish SDR}	RNGB, Brian	MON
	0830z	06/02 [188/00]	Fair (Polish SDR)	RNGB	FRI
	0830z	09/02 [181/00]	Weak	Brian	MON
	0830z	13/02 [182/00]	Weak	Brian	FRI
	0830z	16/02 [188/00]	Very weak	Brian	MON
	0830z	20/02 [183/00]	Weak	Brian	FRI
	0830z	23/02 [182/00]	Very weak	Brian	MON
	0830z	27/02 [181/00]	Fair	RNGB, Brian	FRI

PoS W follows on with his logs and comments. Interestingly many of these also heard by 'E'

As always the vast majority of transmissions of the "oblique zero zero" - no message - format lasting just over three minutes.

4505 kHz, 1610 UTC.

3-Jan-26, Sat:- "392/00"
10-Jan-26, Sat:- "395/00"
31-17-Jan-26, Sat:- "399/35", message, weak signal, sank into noise and became unreadable.
24-Jan-26, Sat:- "399/00"
28-Jan-26, Wed:- "393/00"
31-Jan-26, Sat:- "395/00"
7-Feb-26, Sat:- "391/38", message, weak signal, became unreadable.
11-Feb-26, Wed:- "393/00", unusually a strong signal this afternoon.
18-Feb-26, Wed:- "393/00"
21-Feb-26, Sat:- "399/00"

4909 kHz, 1645 UTC.

3-Jan-26, Sat:- "367/00"
4-Jan-26, Sun:- "368/00"
11-Jan-26, Sun:- "366/00"
18-Jan-26, Sun:- "363/00"
24-Jan-26, Sat:- "365/00"
31-Jan-26, Sat:- "364/40", message, stronger than usual, "Out" just after 1656 UTC.
1-Feb-26, Sun, "364/40" again.
7-Feb-26, Sat:- "363/00"
15-Feb-26, Sun:- "369/32", message, weak signal, sank into noise.
22-Feb-26, Sun:- "360/00"

5082 kHz, 2000 UTC:-

1-Jan-26, Thu:- "524/00"
8-Jan-26, Thu:- "524/00"
15-Jan-26, Thu:- "522/00"
18-Jan-26, Sun:- "525/00"
22-Jan-26, Thu:- "525/39, message, weak, difficult copy, ended a few seconds after 2011z.
29-Jan-26, Thu:- "528/00", unusually strong signal.
5-Feb-26, Thu:- "527/00"
15-Feb-26, Sun:- "527/00"
19-Feb-26, Thu:- "525/00"

5371 kHz, 0700 UTC:-

3-Jan-26, Sat:- "496/39", message, "Out" at 0710:55s.
4-Jan-26, Sun:- "496/39" again.
10-Jan-26, Sat:- "496/00"
11-Jan-26, Sun:- "495/00"
17-Jan-26, Sat:- "490/00"
24-Jan-26, Sat:- "492/00"
31-Jan-26, Sat:- "497/00"
1-Feb-26, Sun:- "492/00"
7-Feb-26, Sat:- "498/34", message, "Out" at 0710:4s UTC.
8-Feb-26, Sun:- "498/34" again.
15-Feb-26, Sun:- "498/00"
21-Feb-26, Sat:- "490/00"

5409 kHz, 1530 UTC:-

8-Jan-26, Thu:- "267/31", message, "Out" at 1539:20 UTC.
15-Jan-26, Thu:- "266/00"
22-Jan-22, Thu:- "262/00"
5-Feb-26, Thu:- "261/31", message, "Out" at 1539:30s UTC.
12-Feb-26, Thu:- "268/00"
19-Feb-26, Thu:- "260/00"

5432 kHz, 1605 UTC:-

4-Jan-26, Sun "230/00"
6-Jan-26, Tue:- "232/34", message, "Out" at 1615z.
11-Jan-26, Sun:- "232/34" again.
13-Jan-26, Tue:- "231/00"
18-Jan-26, Sun:- "232/00"
27-Jan-26, Tue:- "230/00"
1-Feb-26, Sun:- "237/00"
8-Feb-26, Sun:- "230/00"
10-Feb-26, Tue:- "232/00"
15-Feb-26, Sun:- "235/00"
17-Feb-26, Tue:- "236/36", message, "Out" at 1615:22s UTC.
22-Feb-26, Sun:- "236/36 again. Very strong noise maker of some kind on the HF side, doesn't sound like the usual "XJT", maybe a close relative.
24-Feb-26, Tue:- "231/00", the noise maker still there, tuning in a receiver at 1550z approx noted that it went off at around 1557 then started up again a couple of minutes later.

6804 kHz, 0700 UTC:-

2-Jan-26, Fri:- "573/00"
6-Jan-26, Tue:- "573/00"
9-Jan-26, Fri:- "579/00"
13-Jan-26, Tue:- "574/36", message, "Out" at 0710:23s UTC.
16-Jan-26, Fri:- "574/36" again.
27-Jan-26, Tue:- "571/00"
30-Jan-26, Fri:- "576/00"
3-Feb-26, Tue:- "570/00"
10-Feb-26, Tue:- "571/00"
17-Feb-26, Tue:- "573/00"
20-Feb-26, Fri:- "571/00"
24-Feb-26, Tue:- "573/37", message, "Out" at 0710:28s UTC.

6849 kHz, 1815 UTC:-

4-Jan-26, Sun:- "925/00"
9-Jan-26, Fri:- "922/00"
11-Jan-26, Sun:- "924/00"
18-Jan-26, Sun:- "925/00"
25-Jan-26, Sun:- "924/38", message, interference from a strong "XJT" noise-maker which was parked on this frequency in November of last year but then went away and has now returned, made E11 largely unreadable.
30-Jan-26, Fri:- "920/00", no sign of the "XJT".
1-Feb-26, Sun:- "927/00"
6-Feb-26, Fri:- "929/00"
15-Feb-26, Sun:- "927/32", message, "Out" at 1824:44s UTC.
20-Feb-26, Fri:- "927/00"
22-Feb-26, Sun:- "920/00"

6849 kHz, 1900 UTC:-

8-Jan-26, Thu:- "647/34", message, ended a second or two before 1910 UTC.
22-Jan-26, Thu:- "644/00"
29-Jan-26, Thu:- "643/00"
2-Feb-26, Mon:- "647/37", message, "Out" at 1910:42s UTC.
5-Feb-26, Thu:- "647/37" again.
9-Feb-26, Mon:- "640/00"
16-Feb-26, Mon:- "649/00"
19-Feb-26, Thu:- "648/00"
23-Feb-26, Mon:- "643/00"

8180 kHz, 0720 UTC:-

1-Jan-26, Thu:- "435/00"
8-Jan-26, Thu:- "434/00"
9-Jan-26, Fri:- "434/00"
15-Jan-26, Thu:- "438/32", message, "Out" just before 0729:40s UTC.
16-Jan-26, Fri:- "438/32" again.
22-Jan-26, Thu:- "431/00"
23-Jan-26, Fri:- "431/00"
29-Jan-26, Thu:- "434/00"
30-Jan-26, Fri:- "435/00"
5-Feb-26, Thu:- "432/00"
19-Feb-26, Fri:- "435/38", message, "Out" at approx 0730:50s UTC.
26-Feb-26, Thu:- "438/00"

12067 kHz, 0845 UTC:-

12-Jan-26, Mon:- "719/00"
14-Jan-26, Wed:- "719/00"
28-Jan-26, Wed:- "714/00"
4-Feb-26, Wed:- "710/00"
9-Feb-26, Mon:- "714/00"
16-Feb-26, Mon:- "719/00"
18-Feb-26, Wed:- "713/00"
23-Feb-26, Mon:- "715/39", message, "Out" after 0856 UTC.
25-Feb-26, Wed:- "715/39" again.

13363 kHz, 1430 UTC:-

3-Jan-26, Sat:- "918/00"
6-Jan-26, Tue:- "917/00"
10-Jan-26, Sat:- "917/00"
13-Jan-26, Tue:- "917/00"
17-Jan-26, Sat:- "910/00"
24-Jan-26, Sat:- "911/00"
27-Jan-26, Tue:- "911/39", message, "Out" at 1441:6s UTC.
31-Jan-26, Sat:- "911/39" again.
3-Feb-26, Tue:- "914/00"
7-Feb-26, Sat:- "917/00"
10-Feb-26, Tue:- "917/00"
17-Feb-26, Tue:- "912/37", message, "Out" at 1440:30s UTC
21-Feb-26, Sat:- "912/37" again.
24-Feb-26, Tue:- "917/00"

14611 kHz, 0820 UTC:-

6-Jan-26, Tue:- "135/00"
13-Jan-26, Tue:- "135/00"
14-Jan-26:- Wed:- "130/00"
27-Jan-26, Tue:- Nothing readable.
28-Jan-26, Wed:- "714/00"
3-Feb-26, Tue:- Nothing readable.
4-Feb-26, Wed:- "132/36", message, "Out" at 0830:28s UTC.
Seems to have gone on Tuesdays but still showing up with a reasonable signal on Wednesdays.
Update:- reference to Priyom suggests now on at 0930 UTC on Tuesdays, see below.
11-Feb-26, Wed:- "134/00"
18-Feb-26, Wed:- "134/00"
25-Feb-26, Wed:- "138/00"

14611 kHz, 0930 UTC:-

10-Feb-26, Tue:- "132/00"
17-Feb-26, Tue:- "134/00"
24-Feb-26, Tue:- "138/00"

15915 kHz, 0900 UTC:-

12-Jan-26, Mon:- "530/00"
14-Jan-26, Wed:- "537/00"
26-Jan-26, Mon:- "536/33", message, "Out" at 0909:48s UTC.
28-Jan-26, Wed:- "536/33" again.
2-Feb-26, Mon:- "537/00"
4-Feb-26, Wed:- "538/00"
9-Feb-26, Mon:- "536/00"
11-Feb-26, Wed:- "530/00"
16-Feb-26, Mon:- "534/00"
18-Feb-26, Wed:- "533/00"
23-Feb-26, Mon:- "530/40", message, "Out" at 0911:20s UTC. A group count of forty is the highest I have ever heard from this number station.
25-Feb-26, Wed:- "530/40" again.

17378 kHz, 0745 UTC:-

2-Jan-26, Fri:- "343/00"
9-Jan-26, Fri:- Nothing readable.
30-Jan-26, Fri:- Nothing readable.
4-Feb-26, Wed:- "343/00", good signal, first time a readable signal heard from this one for a while.
11-Feb-26, Wed:- Nothing readable.
18-Feb-26, Wed:- "344/38", message, strong signal this morning, "Out" at 0755:54s UTC.
20-Feb-26, Fri:- Nothing readable.
25-Feb-26, Wed:- Nothing readable.

17378 kHz, 0845 UTC:-

1-Jan-26, Thu:- "159/00"
6-Jan-26, Tue:- "159/24", message, "Out" just after 0853 UTC.
8-Jan-26, Thu:- "159/24" again.
15-Jan-26, Thu:- "150/00", very strong signal.
27-Jan-26, Tue:- "156/00"
29-Jan-26, Thu:- "152/00"
3-Feb-26, Tue:- "159/00", message, shorter than most, "Out" at 0852:40s UTC.
5-Feb-26, Thu:- Nothing readable.
10-Feb-26, Tue:- Nothing readable.
19-Feb-26, Thu:- "151/00"
24-Feb-26, Tue:- "157/00"
26-Feb-26, Thu:- "151/00"

S06 log Jan/Feb

Friday	1900z	7923kHz	2000z	5943kHz
06/02	'842'	00000		
Wednesday	1730z	9425khz	1800z	6783kHz
18/02	'480'	129 46 67878 65172 15680 46132 01682 69574 67581 01916 20971 07687 96067 24873 92971 26719 23169 18691 19765 04879 78187 75087 50690 05419 73560 32954 93679 92762 73905 75356 21867 78562 47020 60643 42473 30472 54573 82701 51586 12747 28729 24251 37685 60870 07071 85495 63124 50620 129 46 00000		
25/02	'480'	612 45 71464 61701 56287 04549 74740 57018 87647 34676 80819 42374 71786 35870 79408 38196 90182 72434 10958 71472 56313 42462 69731 39489 34356 59243 62148 46769 31573 34245 84134 29342 24716 68650 57608 93290 28197 16270 04757 15716 95425 27806 61614 65487 81241 72939 75961 612 45 00000		

Peter adds his logs:

First + Third Fridays in the Month schedule:-

2-Jan-26:- 2100 UTC, 5943 kHz, "842 842 842 00000", good signal with deep QSB at times, must be the second sending, looks like the same frequencies and "call" as in the past couple of years are being used again in 2026. First sending at 2000z would have been in the region of 7923 kHz.

16-Jan-26:- 2000 UTC, 7923 kHz, "842 842 842 00000", strong signal.

2100 UTC, 5943 kHz, weaker.

Moved back by one hour in February:-

6-Feb-26:- 1900 UTC, 7923 kHz, "842 842 842 00000", weak signal.
2000 UTC, 5943 kHz, weaker.

20-Feb-26:- 1900 UTC, 7923 kHz,"842 842 842 00000", good signal.
2000 UTC, 5943 kHz, also a good signal. Pre-transmission tone noted at 1948z with a single "842" a couple of minutes later.

Other S06:-

Saw this Wednesday schedule predicted on the Priyom website:-

11-Feb-26:- 1800 UTC, 6783 kHz, S06 calling "480", DK/GC "921 921 43 43",
strong and at times very strong signal. Ended just after 1812 UTC and cut carrier straight away.

18-Feb-26:- 1800 UTC, 6783 kHz, call "480", DK/GC "129 129 46 46", not as strong as last time.

S11a log Jan/Feb

5371kHz	0830z	03/01 [373/00] Fair		RNGB, PLdn	SAT
	0830z	04/01 [376/00] Konyets 0833z Weak		PLdn	SUN
	0830z	10/01 [377/00] Good		RNGB	SAT
	0630z	11/01 [370/00] Good		RNGB	SUN
	0830z	18/01 [376/00] Good		RNGB, PLdn	SUN
	0830z	24/01 [377/38 28815 95428 12391 73396 25763 25883 26797.....12597 55708] Fair		RNGB	SAT
	0830z	31/01 [378/00] Fair		RNGB	SAT
	0830z	07/02 [378/00] Fair		RNGB	SAT
	0830z	08/02 [379/00] Fair		RNGB	SUN
	0830z	14/02 [372/00] Fair		RNGB, PLdn	SAT
	0830z	15/02 [373/00] Good		RNGB, PLdn	SUN
	0830z	28/02 [371/00] Fair		RNGB	SAT
6252kHz	0915z	12/01 [487/00] Fair		RNGB	MON
	0915z	19/01 [482/32 52563 69470 98005 26571 09543 07566 02361 14956.....01829 16801] Good		RNGB	MON
	0915z	26/01 [483/00] Fair (Polish SDR)		RNGB	MON
	1040z	06/02 [482/00] Good (Polish SDR)	Note – new times	RNGB	FRI
	0915z	09/02 [480/35 50809 85324 79697 47135 46323 43850.....24395 24474] Good (Polish SDR)		RNGB	TUE
	1040z	20/02 [481/00] Good (Polish SDR)		RNGB	FRI
	0915z	23/02 [482/00] Good (Polish SDR)		RNGB	MON
	1040z	27/02 [484/00] Good (Polish SDR)		RNGB	FRI
9050kHz	0700z	01/01 [477/00] Strong		RNGB, PLdn	THU
	0700z	08/01 [476/35 67727 49810 58325 64496 92909 02507 88993 97796.....95194 24538] Fair		RNGB	THU
	0700z	15/01 [472/00] Weak		RNGB, PLdn	THU
	0700z	19/01 [477/00] Konyets 0703z Weak		PLdn	MON
	0700z	22/01 [476/00] Weak		RNGB, PLdn	THU
	0700z	29/01 [472/00] Good		RNGB	THU
	0700z	12/02 [477/00] Good		RNGB	THU
	0700z	19/02 [475/34 36652 03407 95882 30220 15265 89027 75795 33420.....11412 26532]		RNGB	THU
	0700z	23/02 [477/00] Konyets 0703z Weak		PLdn	MON
	0700z	26/02 [471/00] Strong		RNGB	THU
10448kHz	1400z	13/01 [422/00] Weak		PLdn	TUE
	1400z	03/02 [422/34 84938 74812 75677 04535 41397 64100 42542 99197.....61202 84401 57302]		RNGB	TUE
	1400z	17/02 [427/00] Konyets 1403z Weak		PLdn	TUE
11486kHz	1850z	11/02 [288/00] Konyets 1853z Weak		PLdn	WED
19515kHz	0725z	02/01 [382/00] Good (Swedish SDR)		RNGB	FRI
	0725z	07/01 [382/00] Weak (Polish SDR)		RNGB	WED
	0725z	09/01 [385/00] Weak (Polish SDR)		RNGB	FRI
	0725z	14/01 [385/00] Weak (Swedish SDR)		RNGB	WED
	0725z	16/01 [389/00] Fair (Swedish SDR)		RNGB	FRI
	0725z	21/01 [385/00] Fair (Polish SDR)		RNGB	WED
	0725z	23/01 [382/00] Weak (Polish SDR)		RNGB	FRI
	0725z	28/01 [384/34 01411 40962 11989 64550 37257 55140.....53256 84155] Weak (Polish SDR)}		RNGB	WED
	0725z	04/03 [380/00] Weak		RNGB	WED
	0725z	11/02 [382/00] Fair (Polish SDR)		RNGB	WED
	0725z	13/02 [387/00] Fair (Polish SDR)		RNGB	FRI
	0725z	18/02 [384/00] Fair		RNGB	WED
	0725z	25/02 [385/33 84319 80629 79951 46469 27315.....15136 22777] Extremely weak		RNGB	WED

V07

Thanks DanAR

Sunday January 2026

0200z 17436kHz 0220z 14636kHz 0240z 13436kHz

No Reports

February 2026

0200z 18217kHz 0220z 16317kHz 0240z 15817kHz

15817kHz0200z	01/02	238 238 238 000	QSA2	DanAr	SUN
15817kHz0200z	08/02	238 238 238 1 4919 116 02632 79329 99914 92231 95932 ... 98886 25454 000 000	QSA2 DanAr		SUN
15817kHz0200z	15/02	238 238 238 1 3478 114 95803 37325 32223 73220 08198 ... 02445 02577 000 000	QSA2 DanAr		SUN
15817kHz0200z	22/02	238 238 238 1 7304 73 11514 34217 57229 78703 ... 02610 41519 000 000	QSA2 DanAr		SUN

V13

Nil Reports

V15 North Korean Intelligence via Radio Pyongyang

Nil Reports

V24 South Korean Intelligence

Nil Reports

V26

Nil Reports

Polytones

XPA1 Wed/Fri

January 2026

1310z 14852kHz 1330z 13952kHz 1350z 11552kHz

02/01	895 000 07999 00001 00000 ... 42270	1310z Weak, rest Fair
07/01	895 1 nnnnn 00177 80363 ... 72322	1330z Weak, QSB to nil, rest Unworkable
09/01	NOT MONITORED	
14/01	895 1 00510 00177 80363 ... 72322	1300z Weak. 1330z Fair.0840z Unreadable
16/01	865 1 00510 00177 80363 ... 72322	1330z Fair, rest Strong. 1350z QRM2
21/01	895 000 02361 00001 00000 ... 33260	Weak
23/01	895 000 09247 00001 00000 ... 35667	1350z NRH, rest Fair, 1330z QRM2

895 895 895 1 895 895 895 1 895 895 895 1

06982 00301 62391 16245 98570 27874 42224 05795 01024 49529
27388 36847 41354 19580 90035 01887 12908 61324 91979 78084
98076 81567 81428 53177 19548 48463 63354 31543 11993 19174
13792 91782 79507 84750 88734 28559 03784 71468 58826 36740
88801 90377 18729 10703 57352 08100 28622 96315 59849 96095
52150 07249 47200 69912 30548 58878 30941 61817 32703 12572
01666 30076 01911 90785

95122 87386 84896 94618 81576 02353 93477 41437 32142 99891
86540 84885 97356 73309 91461 40365 40101 03053 79359 51584
64997 00964 57139 06780 62966 23748 18695 53111 54557 91701
44781 43828 00960 79133 08862 37523 66810 25499 24177 44389
47850 61702 09836 58705 40933 74951 34854 29920 52820 60531
74987 55028 40225 23061 83751 04452 83563 08349 11060 85266
64921 69333 77283 22311

39508 29325 62408 37087 88239 19497 16132 04995 78080 32006
41295 75285 21096 52436 77243 28436 61471 52938 09205 36693
60096 46946 48523 82592 73182 01892 91780 53423 26836 85008
45925 63959 08778 67239 75103 93444 87231 47156 85668 93152
95785 12239 62375 06511 07710 53570 75519 73136 09389 22838
41203 80594 72019 70269 43451 01072 96244 12776 11323 52924
63221 86095 77842 63421

91200 88996 22249 71697 29495 21515 44861 75273 13167 13678
94007 81091 48492 52247 56479 07896 33848 32210 90320 41540
04908 32029 81182 25740 21628 13417 93508 27945 99451 08050
37345 73017 56633 58709 88504 30734 28392 96920 35554 15645
62246 03051 97828 67695 97965 63020 96430 25118 64627 34814
00004 82171 75090 24880 37323 90154 52726 14317 98629 79361
41990 69807 39274 15973

98419 31809 81019 40723 51835 09751 04689 14279 33858 70933
82368 75796 17810 30384 55542 35323 04120 12538 05211 66787
23571 81354 04218 76701 38820 24912 06327 12582 33831 41969
05816 03161 32546 13521 12130 11153 31939 02202 04117 12827
18611 62362 29679 26136 80547 33578 20028 50511

Courtesy PLdn

February 2026

1310z 14374kHz 1330z 13374kHz 1350z 11474kHz

334 334 334 1 334 334 334 1 334 334 334 1

06982 00301 62391 16245 98570 27874 42224 05795 01024 49529
27388 36847 41354 19580 90035 01887 12908 61324 91979 78084
98076 81567 81428 53177 19548 48463 63354 31543 11993 19174
13792 91782 79507 84750 88734 28559 03784 71468 58826 36740
88801 90377 18729 10703 57352 08100 28622 96315 59849 96095
52150 07249 47200 69912 30548 58878 30941 61817 32703 12572
01666 30076 01911 90785

95122 87386 84896 94618 81576 02353 93477 41437 32142 99891
86540 84885 97356 73309 91461 40365 40101 03053 79359 51584
64997 00964 57139 06780 62966 23748 18695 53111 54557 91701
44781 43828 00960 79133 08862 37523 66810 25499 24177 44389
47850 61702 09836 58705 40933 74951 34854 29920 52820 60531
74987 55028 40225 23061 83751 04452 83563 08349 11060 85266
64921 69333 77283 22311

39508 29325 62408 37087 88239 19497 16132 04995 78080 32006
41295 75285 21096 52436 77243 28436 61471 52938 09205 36693
60096 46946 48523 82592 73182 01892 91780 53423 26836 85008
45925 63959 08778 67239 75103 93444 87231 47156 85668 93152
95785 12239 62375 06511 07710 53570 75519 73136 09389 22838
41203 80594 72019 70269 43451 01072 96244 12776 11323 52924
63221 86095 77842 63421

91200 88996 22249 71697 29495 21515 44861 75273 13167 13678
94007 81091 48492 52247 56479 07896 33848 32210 90320 41540
04908 32029 81182 25740 21628 13417 93508 27945 99451 08050
37345 73017 56633 58709 88504 30734 28392 96920 35554 15645
62246 03051 97828 67695 97965 63020 96430 25118 64627 34814
00004 82171 75090 24880 37323 90154 52726 14317 98629 79361

41990 69807 39274 15973

98419 31809 81019 40723 51835 09751 04689 14279 33858 70933
82368 75796 17810 30384 55542 35323 04120 12538 05211 66787
23571 81354 04218 76701 38820 24912 06327 12582 33831 41969
05816 03161 32546 13521 12130 11153 31939 02202 04117 12827
18611 62362 29679 26136 80547 33578 20028 50511

Courtesy PLdn

04/02	334 1 06982 00301 62391 ... 50511	1350z Weak to unworkable, rest Fair
06/02	334 1 06982 00301 62391 ... 50511	1350z Weak, rest Fair, 1310z QSB2
11/02	334 1 00271 00239 21061 ... 77770	1350z Fair, rest Strong
13/02	334 1 00271 00239 21061 ... 77770	1350z Weak, rest Strong

334 334 334 1 334 334 334 1 334 334 334 1

00271 00239 21061 10877 67200 66516 19252 37730 04010 80325
67318 38571 65211 69033 51294 81882 45092 03690 62090 96046
89487 70554 48433 97135 34839 74190 21293 96230 76335 48967
12034 46385 28043 96213 92538 21875 86636 17601 16838 72733
78162 62139 32406 02812 75524 34125 40132 66017 27588 60486
42898 18896 80274 70587 52364 07111 34642 60839 72758 79071
24283 44413 57154 57452

30352 88979 20716 47198 74122 24641 67067 66034 88316 82393
09453 86419 21323 15095 73430 34373 59897 75482 01433 76234
61233 19825 20472 81469 26590 32097 61440 84346 51546 77295
52279 01143 74333 28628 19642 57756 65611 93782 83618 43763
65019 15866 43412 17770 27388 73487 90451 91656 99983 22583
96668 15736 58848 79468 70720 46515 86404 12236 89468 39669
41287 59800 81277 89846

16239 72042 17712 55312 75781 54381 26740 22112 89154 66962
22347 04099 93739 27833 88183 68166 95500 84695 03340 47418
63666 21980 09553 44818 31361 22862 91804 95133 09090 76508
00895 71422 19229 02506 93698 59505 75119 44786 91829 58548
03021 36584 05591 31714 73023 93365 35128 07423 66479 83545
82224 26475 45330 68880 45578 42087 94083 30547 10901 93479
66587 16442 70687 96403

02808 03182 86203 61189 64858 92079 05365 21389 18195 13353
84549 60796 04483 53371 07247 07342 34382 23973 34876 47395
95358 91753 76084 74833 97688 25531 91451 79798 44198 90126
62002 75853 94006 62144 44118 93621 73606 20767 69672 04843
12230 16968 09627 17126 69395 67838 53345 32972 12951 77770

Courtesy PLdn

18/02	334 1 00271 00239 21061 ... 77770	1350z Weak, rest Strong
20/02	334 1 00271 00239 21061 ... 77770	1350z Fair, rest Strong
25/02	07196 00445 73400 ... 22335	1330z Strong, rest Fair. 1350z QRM2

334 334 334 1 334 334 334 1 334 334 334 1

07196 00445 73400 76871 30592 73365 08493 69256 78884 31559
33193 80952 51042 79934 90362 03893 86182 35594 95862 74291
13487 58207 34633 15297 05656 64856 64825 26442 22077 85390
08157 65545 54713 79361 04692 84712 12048 55763 96656 53545
04892 17559 90731 69400 45383 03793 09668 13436 14483 22170
55351 99758 85061 59404 24129 75003 64779 62725 78410 40203
44282 34627 84260 17807

44067 49754 19995 51357 15549 66303 98149 64285 34355 13849
93443 79399 59320 42998 35929 94736 52206 78673 52649 20490
03031 99855 44762 30056 85122 99499 78862 73552 13121 44786
87808 56535 45171 70941 61860 14376 07730 44590 53357 84550
69171 85048 18685 97354 22604 05394 90744 79336 73789 88299
56473 18832 38697 96548 12476 69430 52084 02402 75900 75497
09799 99747 66761 03029

90008 71860 66177 52154 11090 38243 17386 71874 96616 19350
58308 80744 29283 70284 00664 14386 50384 66245 51038 36232
92636 26633 13494 20286 17554 25739 75187 77860 18080 42788
50031 45325 89723 08328 36900 85363 41565 88889 53982 58258
39495 92753 67875 80663 46391 58679 84308 50643 21667 38140
54904 93888 85101 52635 82499 11825 72182 95267 16899 61276
19770 36060 93809 10992

17292 56301 12301 63415 74864 63037 53720 42475 66134 37880
76572 04474 13859 84074 55455 75404 26204 75727 65046 12074
72829 72565 56500 09110 58154 78354 18315 30277 07019 90475
87172 97578 65045 36944 68448 59017 26117 58772 08305 06930
98298 47304 78670 63775 44314 06094 83959 25840 13308 00175
51718 85391 64711 33021 76296 94826 77816 42732 82527 77297
49059 27287 26509 85972

04450 36854 45086 61627 48251 89111 15240 11738 15876 64683
88337 72694 80504 44575 24696 10463 84416 51810 01478 51928
40537 80386 35790 56388 05522 72173 24001 12130 35654 50231
04844 96616 94671 44246 06038 77194 46169 78779 85475 69922
75910 95947 40087 09594 87351 87545 54859 48908 33986 42113
24394 59023 18361 71909 20982 86553 61377 27076 69291 32684
38804 39705 27703 35491

19060 50988 38352 08974 25288 14399 60542 98643 25684 26151
09379 32987 86353 00176 07810 51419 35535 10771 34936 49795
25569 70625 07633 34602 03731 01157 56590 38404 20631 93336
79232 41850 90841 34580 76783 88983 18197 89977 48656 00251
73346 46613 93678 72906 28028 94410 68498 49959 30698 38893
30177 46471 24787 75612 28544 36571 77215 05220 45107 82849
61646 42291 03221 36494

36530 08332 06991 29949 23819 76795 65283 71763 84346 28638
16983 56789 78169 57354 00686 65995 49098 47912 39537 66803
31351 08989 96818 64962 82322 76076 68043 74952 79060 89117
90313 54090 53326 91350 77683 66287 46555 25740 29283 60551
04519 77304 42313 84225 49472 77763 09014 47677 42725 93808
66312 98264 06918 47429 00890 38100 60680 06474 55525 39640
48077 00247 08489 22335 *Courtesy PLdn*

27/02 07196 00445 73400 ... 22335

1330z Strong, rest Fair

XPA2 Mon/Wed [p] **January 2026**

0800z 11493kHz 0820z 13393kHz 0840z 13993kHz

05/01 00939 00641 83236 ... 64362

0800z Fair, rest Strong [Repeat from 29/12/2025]

00939 00641 83236 40546 58995 81914 14223 91189 61337 48305
26124 77819 81609 06587 74048 07620 72274 26098 60751 76928
10535 67741 55303 07553 44341 55702 58056 20905 10332 84462
93326 15823 74889 39091 47286 48247 60036 16707 54910 04910
91964 09829 56661 69694 59873 85409 05191 64650 95333 41800
00150 66959 63481 35282 33841 70431 04231 56739 46214 29121
84544 66246 53066 89359 12728 11825 43926 85276 54844 42585
61176 27635 51192 08134 32524 97319 32428 61319 08322 15302
37506 03845 48084 93541 28255 05564 56198 60053 31333 74894
72960 83389 17457 41158 09496 24814 56754 59631 51218 44230
27909 98620 79183 75040 72963 63199 39397 15023 66060 07637
35095 95095 37386 73379 43709 99704 96642 43093 39909 05154
96758 40164 73372 05257 05328 06488 05525 51286 99287 74833
62836 21046 84684 35423 29782 65110 99673 55441 46133 83104
67513 23946 13886 03611 04373 12589 13740 82631 56974 28177
31134 49796 72615 80068 82279 99225 03483 92036 98502 76803
94920 24610 85794 13730 92927 07128 54098 18170 66607 22794
95433 18731 29379 62728 66357 81437 08578 83225 03740 58021
08937 60890 46716 63443 53383 87112 21723 52073 10606 74750
81819 72452 58478 78273 69907 90979 10768 05253 33477 91836
14189 06997 87660 41552 27045 28539 31799 22769 62611 18210
63067 90910 59274 59825 33764 36633 75381 50130 13288 00663
34102 57310 77043 52097 10007 81403 51496 71786 25114 41453
80030 53755 22796 09293 40378 34273 17566 74231 75209 67845
61616 83949 55711 39570 51733 69247 32690 88392 36636 84619
67371 86144 62318 99722 42888 88019 88390 39581 09674 36858
18364 05708 33384 44672 88402 79653 77966 34928 08409 57560
63386 80499 94307 61574 58231 39449 35381 36789 60143 69596
11645 46947 74190 00267 81453 80968 05488 93002 27277 07640
49666 11511 65476 87399 54292 16745 41390 08290 93304 39879
18076 06672 45777 67434 98959 63485 08429 80226 68546 82915
51320 28140 46023 28148 43105 46532 56609 69513 97229 12360
34127 08652 21163 15491 09476 12176 93957 67842 61537 82619
90863 68817 82189 34351 68014 92275 23842 24442 67670 44658
64818 90340 71231 82188 96760 97478 22253 07053 37607 59313
09278 75359 44856 12208 60509 16327 98534 11342 62191 91280
50714 76666 90798 71706 75414 43808 38776 94995 26340 98455
99203 57391 38718 53444 90847 32688 51834 91497 12975 25098
36808 00211 56420 22751 02232 34978 01858 56924 21910 50135

26249 72988 94450 41168 74108 88295 52037 53558 91186 34777
98058 12526 87811 84388 40145 40653 00900 59302 88118 67774
07205 42325 51183 22443 67949 14927 38385 00841 39202 76625
16684 47825 74257 13036 49595 49593 37664 59344 55845 58826
96859 19608 89601 85005 86269 48870 21176 24722 90333 29234
55449 51876 41200 96110 93572 24827 45078 86324 64288 30580
25324 26095 32237 68083 78264 33832 84041 78057 68494 60690
11845 06567 19661 60120 27646 79838 09984 13881 48737 46991
48512 98646 26839 26907 05084 62640 66003 38272 22991 82212
06607 62378 80782 66945 20331 63414 78319 37597 47041 04163
84716 21707 52405 86548 55877 56826 72031 73695 38163 42055
79034 29120 91219 90974 79074 41985 31843 40901 93441 01879
66748 02619 81635 79719 17712 63477 21828 95360 52663 98233
59555 85832 10213 78509 54851 37422 09933 93003 96792 44881
25964 84752 73665 16486 90509 93817 03938 66018 79560 88549
32376 31550 48825 59757 86508 53238 76960 38699 66605 35245
49156 88717 43053 57235 62889 17437 18175 32161 63186 18367
31551 67787 16186 81755 65835 69892 09292 73425 42942 48951
27311 06666 39972 94191 23936 27393 43823 57503 37461 76883
64741 62072 29402 83802 30627 22493 75669 58050 61996 22862
80287 87436 81767 39684 92604 71012 17000 03125 31086 21491
44421 78615 74737 44505 55872 73473 25764 06846 95975 09751
51164 44262 38302 06246 93849 62564 27505 53730 82666 64033
16778 06360 93362 40133 87192 73823 21145 35765 36296 50789
26067 24881 46599 36654 43052 79887 64535 66268 08095 14556
98287 03872 53453 64362

Courtesy PLdn

07/01 00939 00641 83236 ... 64362

0800z Fair, rest Strong

12/01 00696 00510 39275 ... 54103

0800z Fair, QSB2, rest Strong

00696 00510 39275 73861 56660 73149 40094 58003 26101 70604
34859 40865 81018 50671 45108 72005 27781 31500 75108 32207
18716 51197 98634 72181 39564 70188 42988 17759 58777 48852
26770 83185 04922 52951 37444 44118 36667 17758 15688 55041
80056 34450 71775 87322 55588 87621 00407 71844 88777 38223
99980 88644 00865 10532 66409 54073 12175 32074 74499 22977
03676 22252 88322 77727 76663 77773 64681 42952 19547 10675
99535 56733 74713 56229 04400 55440 16708 28444 97693 47376
44674 63274 13992 23616 59739 77546 51086 05167 51100 09077
20082 13280 29866 33838 76527 40568 49333 93778 71156 12553
23852 34219 27816 53381 00495 96607 75394 28886 93113 15905
72310 90714 11514 23154 71401 26729 66339 86091 04875 55916
65442 13186 31173 15662 73374 32260 51807 17740 92516 26528
08559 16500 36255 52153 80914 98633 40122 53758 98152 74713
53351 95149 09814 39594 94800 10309 60382 62223 19779 40994
55227 03056 13277 75560 13877 01931 01555 10821 33441 98851
85906 95999 63265 86648 70374 37606 07440 27770 61971 64993
42223 52284 55592 30114 41958 19887 30199 00736 38070 06692
75377 16284 25666 64464 16996 88540 95170 27333 03085 08620
28588 36597 73404 98667 55595 50137 38823 70829 60397 98400
53048 75534 41004 59099 73319 14809 21107 17884 93376 62807
55005 37166 75006 97199 56186 14090 44051 83773 20139 92900
11222 80021 77440 64437 03832 11297 52581 15383 23806 33665
99981 40175 75678 26885 82063 54607 22650 70191 42180 16378
19778 84375 73772 27005 07544 14814 63066 38492 05319 29627
37722 16616 69274 08170 32262 43884 88611 38282 83816 08196
01638 00592 23464 66610 00066 90946 60719 41112 73322 16400
66448 94755 44288 84876 37804 46448 66760 43962 04170 07558
19735 95916 08222 82587 84200 39847 20599 21575 66994 53997
03764 08185 84108 81317 47188 32308 91843 80510 94140 33300
20051 06955 21091 72663 46032 90253 26083 50993 02105 62885
55354 62866 50005 77077 10276 21150 15688 91188 86998 54313
55611 95525 94951 23305 81532 44011 97420 53017 75195 14665
05854 63885 81656 56461 56881 30669 88660 54131 77846 92188
42881 59598 04953 81318 16671 71984 44354 36987 51873 60807
33253 36442 56751 18655 58770 62822 23482 69993 38520 31622
68488 33039 59777 40052 91750 71169 29338 53366 24112 72777
53846 84314 66859 57222 03211 55536 32525 66106 17204 54966
04498 81441 51917 42744 04226 14186 80511 40832 53156 76658
22322 31448 77506 26200 35571 20550 64356 93915 43870 86467
73272 82533 97568 62080 54704 33000 77759 40096 93698 04761
03358 31643 09196 44580 15539 33961 21800 96270 20064 13508
58040 68583 30080 94466 00558 85397 23329 39969 32371 08254
36368 26643 60775 29278 16259 84030 78783 99339 64855 49756
47486 80737 33706 60730 39055 90236 48833 43666 80954 93387
72620 94007 87544 06991 81006 51444 62077 49887 66686 59055
32297 80533 25953 87103 18777 40593 05969 69417 87069 11705
96588 23840 17355 29983 88356 68839 39669 51139 29811 61932
23835 01808 14978 54687 87543 55962 71078 60335 95566 40666
37652 19158 07844 80972 00981 09335 59224 37778 48238 24047
94007 94841 99639 14813 48138 55299 63194 07743 00493 09565
43839 76958 54103

Courtesy PLdn

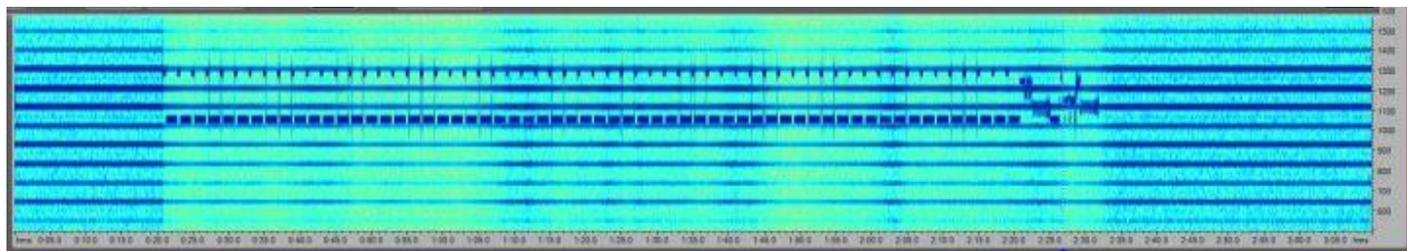
14/01	00690 00510 38275 ... 54103	0800z Fair, rest Very strong
19/01	00696 00510 39275 ... 54103	0840z Very strong, rest Strong
21/01	00696 00510 39275 ... 54103	0800z Fair, rest Strong
26/01	02127 00179 67184 ... 23316	0800, Weak QSB3, rest Fair
28/01	02127 00179 67184 ... 23316	Strong

02127 00179 67184 75588 14500 71874 97859 27145 79088 58702
96137 26707 62724 08089 89027 02714 33580 00252 42148 24080
19512 00014 26835 46467 80517 79097 77026 25848 47557 82388
71071 40142 50611 74467 75997 39642 50541 15773 37607 42229
60255 90213 22347 11873 65058 77214 45302 32118 25885 58964
90529 08351 36245 83300 67072 73419 05891 55756 11965 70627
51341 26694 54715 23993 96600 98641 78171 93843 03919 24067
97114 34931 61903 14924 68434 46415 55907 70961 74576 58495
65773 70490 74429 93362 80553 87983 49000 93713 50119 89732
64014 78518 71948 84265 99028 00994 47837 74852 52027 46432
31819 43195 83231 27468 38120 80358 91668 25169 00572 28832
44770 80747 47558 10121 76919 27064 52939 58447 35862 86323
03108 13992 32607 12391 21966 76384 74972 07726 78858 53605
84930 69852 23001 40738 77122 08832 17794 06099 64304 68876
56410 69306 11152 19584 53042 30566 77952 65965 67455 55858
71835 87235 96541 11988 67778 03713 61045 71780 40786 55119
63485 30272 01277 76784 15023 16292 66697 40204 48078 84478
19773 75193 74814 50190 69459 75692 13885 69691 58086 29470
92064 23316

Courtesy PLdn

February 2026

0800z 13387kHz 0820z 13887kHz 0840z 14787kHz



02/02	07805 00001 00000 ... 37657	Strong, 0800z QRM, see above
04/02	06047 00001 00000 ... 34662	Very strong
09/02	03272 00126 82156 ... 72016	Strong, 0800z LocalQRM2

03272 00126 82156 36742 37300 80149 80786 37134 46033 51263
23118 94544 02775 94489 65620 49424 22732 71605 56528 19354
34959 32270 69178 35986 79142 90997 96622 65328 02713 86170
33356 55682 26321 81839 88363 51889 66857 78839 52449 52647
53799 02801 69545 46395 99792 93600 71462 77970 59599 93400
26439 72022 62283 06357 40512 68452 52216 94087 42640 30321
02285 24034 91477 27785 67196 53930 79179 91399 21475 96620
57706 09518 54304 84825 46967 81708 49582 69820 65056 93939
75068 87032 45581 73575 78738 47511 89030 07187 49321 64164
71141 31754 96205 13022 03597 81057 83077 69188 85362 11477
52223 25985 77861 87142 23185 21451 58812 22065 93452 08612
72346 23953 80957 56051 03725 79784 59053 73270 73988 24507
61938 96945 36204 62279 58770 13378 69421 98581 72016

Courtesy PLdn

11/02	03272 00126 82156 ... 72016	Very strong 0800z LocalQRM2 [Water boiler]!
16/02	03272 00126 82156 ... 72016	0800z Strong, Local QRM2, rest Very strong
18/02	03272 00126 82156 ... 72016	Very strong
23/02	06672 00001 00000 ... 35265	Very strong
25/02	09940 00001 00000 ... 35665	0800z Strong, rest Very strong. 0800z QRM2

XPA2 Mon/Sat

January 2026

1600z	9317kHz	1620z	8117kHz	1640z	7517kHz
03/01	00758 00064 59648 ... 25042				1000z Very weak, rest Weak [Rpt of 29/12/2026].
05/01	08185 00001 00000 ... 34270				Weak
10/01	NOT MONITORED				
12/01	09758 00173 24987 ... 16727				Weak
	09758 00173 24987 83339 28011 08798 46684 83973 75634 40064 90647 22909 85943 75834 30498 20627 88349 78790 38541 37568 62358 69589 54104 66861 10847 99388 27487 98211 56728 17943 06215 89765 30345 89098 39952 72358 92642 42900 99997 55333 29484 54959 26114 73308 54108 80832 90280 58410 83597 90331 93141 77880 73307 81332 91904 34587 47168 47925 09009 57791 72576 04606 22468 43401 91250 90007 23894 88956 09046 91500 76593 28200 62230 51405 03388 35545 11044 64474 64903 86289 00474 20363 37092 44771 80405 39269 28620 59012 51823 70262 90549 78226 94158 47637 32570 14844 35959 47449 33635 62513 87040 34768 69702 75049 85318 01426 46460 01764 50178 67922 85341 08066 34849 00270 58260 92262 51972 13324 12867 50276 87731 09780 24572 21131 71495 65006 05998 95550 38706 89151 24044 17480 23163 06841 53040 68973 81284 35037 33686 62896 91115 48129 18116 20683 88069 01613 15961 98147 51617 66735 49436 36884 09068 31002 00852 46564 34782 70615 31159 12477 84185 56161 36109 23344 94163 37218 53578 49613 61018 16429 01811 14963 34879 34511 69417 16727 <i>Courtesy PLdn</i>				
17/01	NOT MONITORED				
19/01	05498 00001 00000 ... 37266				1600z Unworkable, rest Weak
24/01	01157 00001 00000 ... 35256				1640z Unworkable, rest Weak
26/01	05683 00152 55041 ... 35564				1600z Unworkable, rest Weak
	05683 00152 55041 47836 49797 07641 25887 04704 81468 56517 27811 29190 78718 77927 62423 97550 72380 01554 61332 50405 55105 78566 87827 40827 43288 16118 34753 38461 43789 91404 93610 29190 25682 70272 48143 52615 41333 76177 31306 90332 88685 15992 16940 01536 08489 49297 98324 88244 44149 77850 51926 04040 06808 97775 10257 59614 09788 76990 13294 97387 15611 94090 64563 84086 62190 29707 95703 26483 88460 47568 09784 18919 45334 08645 11224 45021 22533 92378 29583 41172 95758 54871 54475 81756 69365 87892 93346 00645 99753 71700 54548 16721 36350 37984 46068 47011 21361 80380 61210 35482 84869 80374 60997 77439 09405 42528 48138 86438 57385 50819 74773 94069 09704 83420 18794 28951 96353 11617 07892 47927 59054 87605 30544 45351 59954 60290 05833 80446 97599 58097 06872 90914 70424 40645 43488 49768 34047 84037 27114 47122 02107 19156 20644 25665 95731 33877 46849 42651 41150 60752 10074 09543 46793 44528 35564 <i>Courtesy Ary</i>				
31/01	05683 00152 55041 ... 35564				1620z Weak, rest Unworkable

February 2026

1600z	11461kHz	1620z	10261kHz	1640z	9161kHz
02/02	09225 00001 00000 ... 34663				1640z Fair, rest Weak
07/02	02425 00001 00000 ... 35654				1620z Fair, rest Weak
09/02	04838 00194 02182 ... 41670				1600z Fair, rest Weak
14/02	04838 00194 02182 ... 41670				1600z Fair, rest Weak
16/02	02852 00001 00000 ... 36257				1600z Fair, rest Weak
21/02	NOT MONITORED				
23/02	00841 00201 59616 ... 07257				Weak

XPA2 Tue/Fri

January 2026

1100z	10231kHz	1120z	9331kHz	1140z	8131kHz
02/01		Null msg, too weak to process			1120z NRH, rest Unworkable
06/01		NRH, no copy See below:			

Received with thanks from Ary:

10231/9331/8131 kHz, 06-01, 1100/1120/1140 UTC
01852 00070 73180 83371 56424 65978 66536 20035 95615 61745
41477 67364 34709 23261 96132 21470 77908 31769 26520 19305
99792 95049 94597 28535 91929 42811 30116 05789 21666 38387
97246 37202 21740 95483 67133 28717 19912 49634 42035 29550
15280 16156 88307 69999 42605 82260 18572 38324 60556 73743
39769 47440 09431 54051 32577 93461 40483 33510 77574 52651
22106 16159 87076 64883 10374 55680 65535 49778 39099 45254
07757 51507 24755

Courtesy Ary

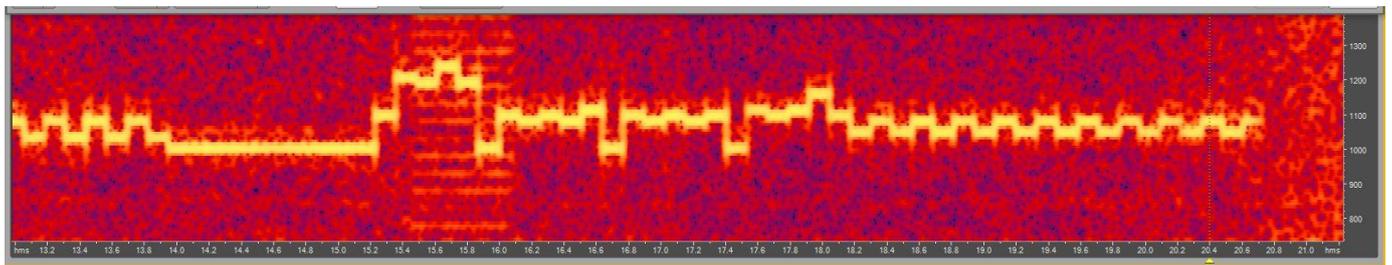
09/01 NOT MONITORED

13/01 NRH from PLdn:

05356 00130 25780 63837 67317 16773 84511 52190 45112 84758
44783 46020 48432 15783 75222 59209 67705 44348 30819 28604
10250 75513 23887 12606 23932 94350 88355 72920 82989 44570
70939 63034 66618 38931 94604 04121 23612 48319 66503 68745
30586 30617 91757 17519 46778 02796 95096 40129 68261 69387
94783 30697 67798 66571 70839 84124 99067 40892 69380 85710
60822 26881 08664 48100 14175 42986 96478 36340 93270 51407
51287 07062 46726 94747 41541 62154 29055 60404 42637 53824
36505 78782 97656 88396 41219 58764 80502 94647 66329 39979
86079 65132 00058 06915 39682 17786 55073 77082 03580 22615
46117 68372 16717 50770 86167 06641 85641 76740 34980 35119
86331 71397 30063 57905 85884 38134 65786 94746 46466 79503
65897 64455 59150 18852 03870 73924 77194 73757 80337 52976
14438 25655 17415

Courtesy Ary Many thanks!

16/01 Unworkable; Msg ~5m30s lg



20/01 07696 00001 00000 ... 10140

20/01	07696 00001 00000 ... 10140	1120z NRH, rest Weak [See above]
23/01	06125 00001 00000 10140	per Ary. [PLdn QTH: NRH]
27/01	NRH across this slot	

February 2026

1100z	12147kHz	1120z	10347kHz	1140z	9247kHz
03/02		01680 00001 00000 ... 10140			100z Weak, rest NRH
06/02		02691 00001 00000 ... 10140			1100z Weak, 1120z Unworkable, 1350z NRH
10/02		01492 00001 00000 ... 10140			1140z NRH, rest Weak
13/02		07367 00001 00000 ... 10140			1400z Fair, 1120z Weak, 1140z Unworkable
17/02		03646 00098 25093 ... 62157			Weak

20/02 03646 00098 25093 ... 62157
24/02 05176 00180 03698 ... 71352
27/02 05176 00180 03698 ... 71352

Weakz Strong, 1120z Weak, 1140z NRH
1100z Fair, 1120z Weak, 1140z NRH
1100z Fair, 1120z Unworkable, 1140z NRH

Other XPA2

From Ary

13417 03-02-2026 1700 XPA2 06412 00001 00000 34257
12195 03-02-2026 1720 XPA2 06412 00001 00000 34257
11574 03-02-2026 1740 XPA2 06412 00001 00000 34257

19325 07-02-2026 0900 XPA2
18179 07-02-2026 0920 XPA2
17451 07-02-2026 0940 XPA2

00902 00068 85168 82021 54004 91458 01259 14872 65605 07526
27144 76669 60879 26092 48839 82941 77716 50719 25280 82063
97414 65584 78296 15100 43647 82171 48631 02744 69371 64841
78530 01736 77854 62860 99130 18379 81253 60966 50098 27075
66353 40621 74105 69423 70796 79800 36864 57018 31279 64701
14016 06547 96175 64459 35511 96121 12596 56380 65393 75432
08950 42402 91180 84767 77366 21439 68410 66979 18189 09619
60044 *Courtesy Ary*

HM01

No Files submitted

XPB1

No reports

X06 Mazielka

Date	Day	UTC	Freq	Scale	Monitor	Comments
20260112	Mon	1150-1154	9878	111333	Schorschi	X06b in progress
20260113	Tue	0813-0819	17523	542136	Dave/AU	TX to Beijing, G88
20260113	Tue	1034-1123	20813	216354	Dave	Alert4 (Chennai, G388) 1(1)
20260113	Tue	1045-1126	17470	216354	Dave	4.2(2)
20260113	Tue	1131-1151	20815	216354	Dave	4.3
20260113	Tue	1139-1141	17520	612534	Anon63392	TX to Ashgabat, G89
20260113	Tue	1206-1208	14970	216354	Anon63392	4.4
20260113	Tue	1752	6979	1-6354	Ary/NL	X06b(3)
20260114	Wed	0749-0750	20334	164253	Dave	TX to Addis Ababa, G395
20260114	Wed	0834-0844	11483	412356	Dave	TX to Budapest, G97
20260114	Wed	0851-0852	11153	465132	Dave	Alert2 (TX to Sofia, G100) 1
20260114	Wed	0853-0855	13419	465132	Dave	2.2
20260114	Wed	0904	14812	263145	Ary	TX to Prague, G428
20260119	Mon	0832-0836	14377	432516	Ary, Dave	TX to Bern, G341
20260123	Fri	0926-0927	14377	356412	Dave	TX to Berlin, G271
20260123	Fri	1010-1052	20605	256134	Dave	Very long TX to Abidjan, G270
20260125	Sun	1025-1028	15810	145632	Andrew/SE	TX to Algiers, G284
20260126	Mon	0811-0812	17475	156234	Dave	TX to Kampala with break, G203
20260127	Tue	1014-1018	20813	216354	Ary, Dave	Alert7 (TX to Chennai, G228) 1
20260127	Tue	1021-1030	17470	216354	Ary, Dave	7.2
20260127	Tue	1031-1033	14970	216354	Dave, Ary	7.3
20260127	Tue	1036-1105	17470	216354	Ary, Dave	7.4: Break between 1045 and 1046
20260127	Tue	1154-1156	17520	612534	Dave	TX to Ashgabat, G234
20260127	Tue	1157-1201	20813	216354	Anon22606	7.5
20260128	Wed	0746	20334	164253	Dave	TX to Addis Ababa, G402

20260202	Mon	0837-0842	12152	432516	Dave	TX to Bern, G6
20260203	Tue	0837-0841	17454	325614	Ary, Dave	TX to Nairobi, G392
20260205	Thu	0823-0852	14447	162543	Dave	Long TX to Nicosia, G39
20260205	Thu	0934-0937	16103	645321	Dave	TX to Ho Chi Minh City, G410
20260206	Fri	0908-0915	16219	324615	Ary, Andrew	TX to Madrid, G52
20260206	Fri	1027-1042	14824	625413	Ary, Dave	TX to Tel Aviv, G56(4)
20260208	Sun	1032-1037	15810	145632	Andrew	TX to Algiers, G135(5)
20260209	Mon	0826-0834	17475	156234	Dave, ting	TX to Kampala, G68
20260210	Tue	0802-0803	14861	542136	Dave	TX to Beijing, G88
20260210	Tue	0811	11545	534216	Dave	TX to Bagdad, G87(6)
20260211	Wed	0826-0830	10814	412356	Dave	TX to Budapest, G97
20260212	Thu	0803-0806	16153	153624	Ary, Dave	TX to Damascus, G249
20260213	Fri	1102-1103	17456	1--6--	Dave	X06b before XPA2
20260213	Fri	1103	17456	216354	Dave	TX to Chennai, G316(7)
20260213	Fri	1047-1118	17250	1--6--	Dave	X06b
20260216	Mon	0639-0802	12250	1--6--	Ary	Very long X06b test
20260216	Mon	0831-0834	14377	432516	Dave	TX to Bern, G341
20260216	Mon	1151-1244	13416	1--6--	Ary	Next very long X06b test
20260216	Mon	1249-1254	15416	1--6--	Ary	X06b test
20260218	Wed	1059-1105	16115	215346	Ary, Dave	TX to Mumbai, G167
20260220	Fri	1015-1018	14824	625413	Dave	TX to Tel Aviv, G193
20260222	Sun	0929-0935	16060	261453	Andrew	TX to Cairo, G285
20260222	Sun	1048-1052	15810	145632	Dave	Alert2 (TX to Algiers, G284) 1
20260222	Sun	1053-1056	14414	145632	Dave	2.2
20260224	Tue	0755-0801	11545	534216	Dave	TX to Bagdad, G232
20260224	Tue	1012-1016	20813	216354	Dave	TX to Chennai, G228
20260225	Wed	0741-0742	20334	164253	Dave	TX to Addis Ababa, G402
20260226	Thu	0800-0802	16153	153624	Dave	TX to Damascus, G249
20260227	Fri	0925	10653	356412	Ary	TX to Berlin, G271

- 1) Concurrent with 17470 kHz but not synchronized
- 2) Concurrent with 20813 kHz
- 3) Possibly an early test for F07 at 2110 UTC on the same freq
- 4) Break between 1034 and 1036 UTC
- 5) Break between 1035 and 1037 UTC
- 6) Caught end only
- 7) Brief – possible mistake

Many thanks to all contributors as usual. Till the next issue I say: Good-bye, and please stay safe and healthy!

Jochen Schäfer, Numbers-, X06 Database and Teamkopf

Many thanks Jochen and team

Article: Historic German Spy radio case

Klaus Clemens

In 2019 archaeologists digging for the remains of a Roman villa near the city of Cologne in the Federal Republic found a sophisticated Soviet spy radio that was likely buried before the fall of the Iron Curtain. It was near what was once a path through the Hambach Forest, about 20 miles (30 kilometers) west of Cologne, in an area earmarked for an open-cast mine and cleared of trees.

The spy radio was hidden inside a large metal box airtight sealed with a rubber ring and metal screws. Although the radio's batteries had run down after many years in the ground, the box hissed with air going in when it was opened. Everything in the box was carefully wrapped in paper like new according to someone who saw it.

The radio was reportedly identified as a model R-394KM transmitter and receiver — code-named "Strizh," meaning "Swift", manufactured in the Soviet Union in 1987. It was likely carried by agents into Western Europe shortly after that, only a few years before the fall of the "Iron Curtain" dividing Europe.

Experts suspected agents would have used the radio to send secret reports back to the Soviet Union concerning the Julich Nuclear Research Centre, about 6 miles (10 km) west of where it was found. It was also near the military air base at Nérvenich, about the same distance to the southeast, where American Pershing II nuclear missiles were based until 1995. It is possible that "Stasi," or State Security Service agents from the DDR buried the spy radio for future use. It may also have been a back-up unit in case an agent's other radios were broken or taken or someone was on the run or had been infiltrated in war time.

The high-frequency or shortwave radio was capable of transmitting and receiving messages as far as 750 miles (1,200 km) — far enough to reach Warsaw in Poland, which was then part of the Warsaw Treaty Organisation according to experts. The terrific condition of the buried radio suggests that it was never used and probably forgotten and left in the ground soon after the fall of the Iron Curtain.

Unlike most other radios of the same model, which are labeled in Russian using the Cyrillic alphabet, the controls of the radio found in the Hambach Forest area were labeled in English and the Roman alphabet.

That suggests it was designed to be used by a German or an English speaker, rather than a Russian. However it may also have been a form of camouflage, to hide the true Soviet origins of the set. The paper wrapped around the radio, however, had sequences of numbers in Russian handwriting, giving positions of the dials on the radio.

I wonder where it is now and how much other such equipment is buried here and Great Britain/EU to be discovered? Would Russia use old sets or are there new ones buried here? Radio is anonymous with a wide footprint across the continent instead of being connected electronically to others. Radio would also be useful for operations in a crisis when the power is down or the internet is kaput or cut off. Such a situation would also likely kill the QRM — unfortunate DXers we cannot have that here in peacetime!

73 K

**Mr DANA ABDULRAHMAN
MUSTAFA,**
has lost his Iraqi passport:
passport number: A8447170
in the Birmingham area.
If found please return this any
local police station with the
Crime Reference Number:
2060 - 071225.
Date: 16/12/2025

What is it with the constant loss of Iraqi Passports? [Surely not a spy message system] *Thanks E*

Chart Section Index

Predictions incorporating Fam III

M01 Schedule

Polytones, XPA1, XPA2

En153

March 2026

PREDICTIONS

Daily Calendar

March 2026

Zulu Time

	Fam 3 [E11/S11a]		E06	E07	XPA1	XPA2	XPA2 p
SUN	0600 8680 0700 9079 0830 6433 1605 5176 1645 4505 1745 13470 1815 11116 2000 5737		SEARCH 0730 0800				
MON	0315 11581 0450 5371 0600 19515 0700 8957 0715 19515 0745 10213 0900 13117 0915 6840	1045 12385 1300 5371 1745 13470 1900 7317				Mon/Sat 1600 12163 1620 10863 1640 9363	M/W[p] 0800 13931 0820 14831 0840 16131
TUE	0445 10728 0645 13470 0700 8180 0715 14666 0745 14865 0820 19185 0845 18168 1000 9951	.. 1400 11420 1430 14972 1605 5176		Tu/F 1500 14571 1520 15851 1540 17451		Tu/F 1100 14639 1120 13539 1140 12139	
WED	0315 11581 0510 23004 0600 19515 0715 19515 0745 17410 0900 13117 0930 6940 1045 12385	1205 9399 1610 4181 1715 6923 1853 10213			Wed/Fri 1310 14451 1330 13451 1350 12151		M/W[p] 0800 13931 0820 14831 0840 16131
THU	0445 10728 0645 13470 0700 8957 0745 14865 0820 9150 0930 6940 1300 5371	1530 10330 1715 12385 1900 7317 2000 5737		Th/Sa 1000 18192 1020 17425 1040 Search			
FRI	0600 8680 0700 8180 0715 14666 0745 17410 0820 9150 0915 6840 1000 9951	1400 11420 1715 6923 1815 11116 1910 8530		Tu/F 1500 14571 1520 15851 1540 17451	Wed/Fri 1310 14451 1330 13451 1350 12151	Tu/F 1100 14639 1120 13539 1140 12139	
SAT	0700 9079 0830 6433 1645 4505 1430 14972 1853 10213		SEARCH 1600 1630	Th/Sa 1000 18192 1020 17425 1040 Search		Mon/Sat 1600 12163 1620 10863 1640 9363	

PREDICTIONS

Daily Calendar

APRIL 2026

Zulu Time

	Fam 3 [E11/S11a]	E06	E07	XPA1	XPA2	XPA2 p
SUN	0600 8680 0700 9079 0830 6433 1605 5176 1645 4505 1745 13470 1815 11116 1910 11116	SEARCH 0730 0800				
MON	0315 11581 0450 5371 0600 19515 0700 8957 0715 19515 0745 10213 0900 13117 0915 6840	1045 12385 1300 5371 1745 13470 1900 7317			Mon/Sat 1500 15881 1520 14481 1540 13381	p 0700 11409 0720 12209 0740 13409
TUE	0445 10728 0645 13470 0700 8180 0715 15720 0745 14865 0820 19185 0845 18168 1000 9951	1205 9399 1400 11420 1430 14972 1605 5176		TuF 1500 16257 1520 18257 1540 19157	Tue/Fri 1100 16341 1120 14841 1140 13941	
WED	0315 11581 0510 23004 0600 19515 0715 19515 0745 17410 0900 13117 0930 6940 1045 12385	1205 9399 1610 4181 1715 6923 1853 10213			Wed/Fri 1210 13368 1230 12168 1250 11168	p 0700 11409 0720 12209 0740 13409
THU	0445 10728 0645 13470 0700 8957 0745 14865 0820 9150 0930 6940 1300 5371	1530 10330 1715 12385 1900 7317 2000 5737		ThSa 1000 18273 1020 17459 1040 15891		
FRI	0600 8680 0700 8180 0715 15720 0745 17410 0820 9150 0915 6840 1000 9951	1400 11420 1715 6923 1815 11116 1910 8530		TuF 1500 16257 1520 18257 1540 19157	Wed/Fri 1210 13368 1230 12168 1250 11168	Tue/Fri 1100 16341 1120 14841 1140 13941
SAT	0700 9079 0830 6433 1645 4505 1430 14972 1610 4181 1853 10213		SEARCH 1600 1630	ThSa 1000 18273 1020 17459 1040 15891	Mon/Sat 1500 15881 1520 14481 1540 13381	

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	Monday/Wednesday H 00 H+20 H+40 0700 / 0800z		
Jan	11493	13393	13993
Feb	13387	13887	14787
Mar	13931	14831	16131
Apr	11409	12209	13409
May	12148	13448	13948
June	12148	13448	13948
July	12148	13448	13948
Aug	12152	13552	13952
Sept	12152	13552	13952
Oct	13372	14672	15872
Nov	11529	13429	13929
Dec	11493	13393	13993

Thanks to all our contributors:

AB, BR, Brixmis, Daryl, dMHz, DanAR, E, Gert, H-FD, HIRAM, HJH. Jochen, JPL, Orig.Token, PLdn, PoSW, RNGD, UTILITY_WORLD

Apologies to anyone missed.



MESSAGES:

E: Thanks for all your stuff E. Hoping your StH business goes well. All reads very well. 73

RELEVANT WEBSITES

ENIGMA 2000 Website:

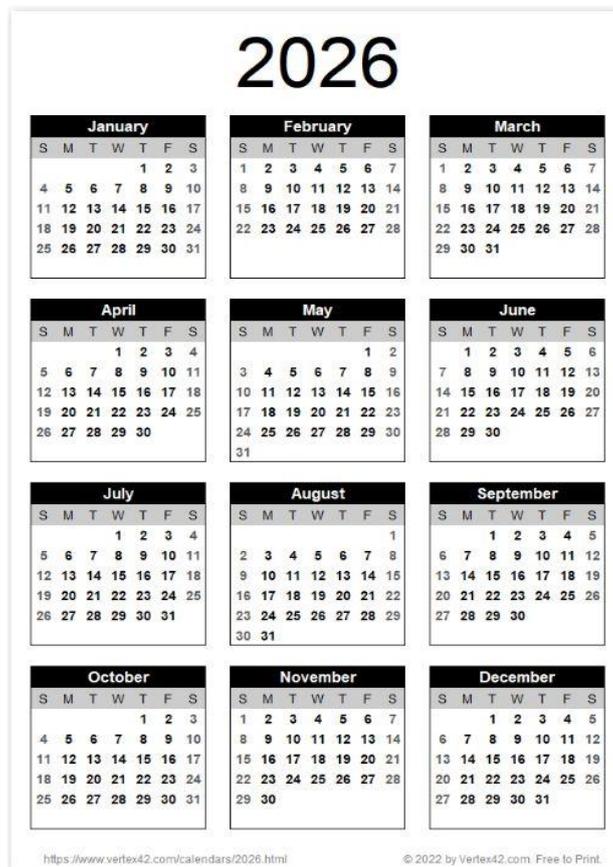
www.enigma2000.org

Time zone information:

<http://www.timeanddate.com/library/abbreviations/timezones/>

Encyclopedia of Espionage, Intelligence, and Security

<http://www.espionageinfo.com/>



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