ENIGMA 2000 NEWSLETTER

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Antenna atop Bulgarian Embassy 21st August 2026
View from Imperial College Physics Dept Common Room Patio
[Note missing VGDSh cage dipole & change of direction]



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See last page also.

REMINDER: IN KEEPING WITH OUR ANNOUNCEMENT IN OUR RECENT NEWSLETTERS ENIGMA2000 WILL NOT DISCUSS THE RUSSIAN/UKRAINE or ISRAEL/GAZA MATTERS BEYOND TECHNICAL MATTERS

WE WILL NOT BE ANSWERING E MAILS SENT FROM THE PARTICIPATING COUNTRIES CONCERNING OUR SUBJECT MATTER

Editorial

Short-wave propagation continues to be variable and the Sun has been sending streams of particles in our general direction causing displays of the Northern Lights, as has been the case on several occasions in the last year or two, further south than is usual.

The BBC TV News "red button" reported on 11-October Sunday:- "Residents in the UK were left stunned as the sky was illuminated by the spectacular colours of the Northern Lights on Friday and Saturday evenings.

The natural phenomenon, known as the Aurora Borealis, is the result of solar activity.

Such occurrences are mostly visible near the Arctic Circle and northern Scotland but particularly strong activity levels meant they could be seen across Wales and as far south as Devon, Hampshire and Kent on Saturday night.

The Met Office said sightings could continue to be possible during clear skies until Tuesday." [Tnx PoSW]

Hiram, one of our German members kindly sent detail of a new Russian OTHR:
https://www.darc.de/nachrichten/meldungen/aktuelles-details/news/neues-othr-system-im-raum-kaliningrad/

He kindly followed up with its position: **54.676731° 21.169834°** *Thank you Hiram.!*

Last time I inadvertently deleted Peter's [PoSW] entire submission. Apologising profusely I asked Peter to resubmit his offerings:

News from Cuba:- A somewhat bizarre item from the BBC TV News "red button" on-screen text on 11-July-26 with the headline "US pays out $3 million to victims of mystery Havana Syndrome" and goes on to say, "The US government has paid nearly $3m (£2.2m) in compensation to victims of so-called Havana Syndrome, a mysterious neurological condition reported by spies, diplomats and their families. The payments are the first to be made to US agency staff in relation to the illness, reports of which began emerging a decade ago by CIA officers working in the Cuban capital. Since then, American staff based elsewhere, including China, have reported 'anomalous health incidents'. Sufferers have described symptoms such as hearing a low hum, squeals and 'grinding metal' while others reported intense pressure on the skull, dizziness and nausea".

There was another item regarding Cuba on the BBC TV News "red button" on-screen text on 19-September, Saturday:- "Millions without power as Cuba hit by latest major blackout" is the headline, and goes on to say, "Millions in Cuba were left without power on Friday as the country was plunged into yet another major blackout. The country's entire electricity grid suffered 'total disconnection' that triggered a nationwide outage, Cuba's energy ministry said. Power was restored to some priority areas by late evening, including those near hospitals and water pumping stations in the capital, Havana, grid operator UNE said. It is at least the sixth partial or total blackout in Cuba this year where ageing electricity infrastructure and chronic fuel shortages have been placed further strain by a US blockade on all oil shipments to the communist-run nation".

Short-wave propagation continues to be variable and the Sun has been sending streams of particles in our general direction causing displays of the Northern Lights, as has been the case on several occasions in the last year or two, further south than is usual. The BBC TV News "red button" reported on 11-October Sunday:- "Residents in the UK were left stunned as the sky was illuminated by the spectacular colours of the Northern Lights on Friday and Saturday evenings. The natural phenomenon, known as the Aurora Borealis, is the result of solar activity. Such occurrences are mostly visible near the Arctic Circle and northern Scotland but particularly strong activity levels meant they could be seen across Wales and as far south as Devon, Hampshire and Kent on Saturday night. The Met Office said sightings could continue to be possible during clear skies until Tuesday."

[August] The music from CRI with the announcement in the German language is still going strong, the same tunes as always, starting up in the evening at 1800 UTC on 13810 , usually a very strong signal and a parallel frequency 11650, somewhat weaker and at my QTH suffering from local interference. Also heard earlier in the day starting up at 0500 UTC on 17720 and 17615. During the very hot weather I have managed to be up and about on many days well before 6 am in order to get things done before the heat became overbearing and was able to confirm the 0500z start.

Latest on the evening Chinese music from RCI lasting just under two hours with start and ending announcements in German:- Was heard on 11650 and 13610 throughout the summer starting at 1800 UTC which was 7 PM in the UK but noticed in the last week of October following the changing of the clocks for the end of summertime is now on 6160 and 7305, both strong signals and still with the same musical line-up as has always been the case. Has stayed on UTC so now kicks off at 6 PM. [Thanks PoSW]

As we move towards Christmas it's more bollocks from Parliament; now we're all warned to get enough water for 3 days per person in storage; that's 9L for each person; foods that do not need cooking before eating and we're warned to get candles for when the electricity fails, and a wind up battery radio and power banks for your phones. Well when the juice fails you're phones fully charged, who you going to phone? The cells won't be available!
It's all nonsense; the risk is there and you have to be sensible but the immediate enemy isn't in Russiam China, Hackney OR Acton – its in Parliament. Politicians who tell you any nonsense to keep their £98,598 pa plus unlimited expenses and attract a vote.

These are very difficult times on that wage! Illegal immigration and HMG have no idea who they're clothing and feeding with my tax; IRGC, Spetsnaz, probably have a battalion of each as sleepers. Funny how the Brits of any ethnicity don't want this at all and HMG just pay these illegals and claim numbers are down when there's serious gales in the Channel.

In 2008 I met a school mate whose family had gone to New Zealand; he had come back for my eldest daughter's wedding and wanted to visit the Imperial War Museum, which we did.

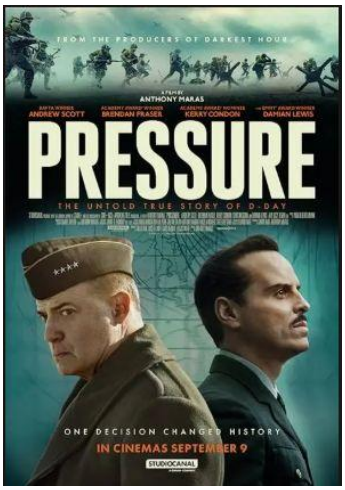
As we were walking about I saw and image of my old maths teacher, Mr Stagg. He was coming up to retirement and nervous to a point of having a tic.
Being a 13 or 14 yo boy this obviously led to a bit of mocking. He was a very good mathematician, he knew what he was talking about, most of us didn't!

The entry under the image just said something about weather; I didn't bother to read it; pointing it out to my mate. Well …….

Whilst we were there we were looking at a photo of some WRENs on parade; Andy's mother, my Auntie Peggy [and like my Mum, not a woman you would dare cross] was in the WRENs and did something on gunnery. These utter scrotes pushed us out of the way and started mocking the ladies in the image. Andy with his NZ accent says 'Now just a second, my mother was a WREN, insult one, insult all' along with my South London accent 'Don't take the piss out of persons who gave so you can have the right to say what you like …… ' led to their immediate climb down and apologies.

Sorry, nothing to do with subject in hand but did come up whilst Andy and I were discussing Mr Stagg and the IWM visit.







It turns out the gentlemen us badly behaved lads took the mick out of was no more than ex-Group Captain James Stagg CB OBE FRSE; someone who the prosecution of D Day relied on. In 1959 he was still head of meteorological studies somewhere and then went back to teaching.

I notified the school who they once had on their staff; 'We don't keep archival school material any more as we are a Performing Arts school now'

No wonder our youngsters are claiming mental aberration and anxiety. Wait for Conscription; "Smith, pull that bolt back!" "Sorry Corp,it's too heavy to lift and anyway I might get blisters between my thumb and forefingers meaning I'll not be able to finger properly with my violin."

"I'll ******* show you ******* fingering, you soft piece of supparating ****. Pick that up you **** or I'll be really harsh on you, crying "Sorry corp, I need my Valium, my mum and an increase in my benefits…."

"Venn diagrams Beaumont; you'll need them one day……." Wrong, never knowingly used them since. Brave bloke who I regret mocking. Well done, Sir!

On 25/10 my wife and I watched the film at our local flea pit; excellent film and enjoyed with two 660ml [or is that 6.6dl?] of PunkIPA. Excellent portrayal of Mr Stagg – a man who never took any cheek from us 13/14 yo lads.
There was one problem with the film; it was a British Meteorologist who gave the 'go' for 6th June invasion BUT all the snips showed US troops. Not one British or Colonial troops represented in the screened invasion. This 'US won the war' bollocks is a serious bugbear; these films will change histoty..
Late for WW1 and late for WW2. Should be represented for what it was for the nations involved. A serious problem in my opinion

Couple of little gems here, one missed out as I missed the email due to hols:

British man accused of spying on Cyprus RAF base for Iran

Rashad Sultanov has been accused of carrying out spying on RAF Akrotiri

BySean Seddon
Published
31 July 2026

https://www.bbc.co.uk/news/articles/ce853y7yq7yo

A British man has been arrested on suspicion of spying on a UK military base in Cyprus on behalf of the Iranian military.

Rashad Sultanov, 44, of Islington, north London, is accused of carrying out "hostile surveillance" on RAF Akrotiri and sharing information with the Islamic Revolutionary Guards Corps.

Sultanov, who also holds Azerbaijani citizenship, was arrested by Cypriot police on 17 July and is in custody pending extradition proceedings.

The Crown Prosecution Service has said he will be charged under the National Security Act - the first time an alleged offence under the 2023 law has been investigated in an overseas territory.

The UK has maintained a permanent base at Akrotiri since the 1950s and RAF operations to shoot down Iranian missiles and drones have been launched from there in recent months.

The investigation, which was led by Counter Terrorism Policing (CTP) London, focused on alleged spying between 11 May 2025 and 22 June 2025.

Commander Helen Flanagan, head of CTP London, said: "This case shows we are able to use the National Security Act overseas when British military bases are allegedly targeted by hostile state activity.

"A huge amount of partnership work has been carried out between British and Cypriot law enforcement agencies.

"We continue to work with colleagues from the CPS, National Crime Agency and Cypriot authorities as extradition proceedings progress."

https://www.bbc.co.uk/news/articles/ce853y7yq7yo

Thanks MaleAnonNI [missed in emails last time -- apologies]

The ex-spy lifting the lid on MI6 — in a show about a terrorist plot

Former spook Matthew Dunn's new interactive experience will ask the audience to save the day. It will feel like the real thing, he says

Wednesday September 02 2026, 10.00pm BST, The Times

https://www.thetimes.com/article/c72b48c5-866d-4f52-be68-825323589a39?shareToken=05b40499df31db44d65c9032fa404e61&t=1788440326605

You go out for a nice evening at the theatre but find yourself caught up in a life-and-death security operation, being bossed around by an ex-MI6 agent. The fate of innocent people depends on what you do next. It might not sound like everyone's idea of a fun night out but the former spook Matthew Dunn (he says it's his real name) hopes to turn it into a West End hit.

Operation MI6 is an interactive show in which the audience try to foil a fictional terrorist plot against the clock. The stalls and dress circle become an ops nerve centre as Dunn and his team run footage including CCTV and drone shots to help the audience thwart the bad guys. It's the latest project by Dunn, a 57-year-old ex-spy who has already parlayed his inside knowledge of the espionage business into more than a dozen novels.

Dunn lives in Stratford-upon-Avon, has two grown-up children and spent many years working undercover around the world for MI6 confronting "hard targets in the highest echelons of rogue states" such as Iran or Russia. Did he have a licence to kill?

"Obviously I'm not going to answer that. We were after top secret intelligence and so applying lethal force is a last resort. But it's part of the tool kit. It's always an option, especially in time-sensitive situations, such as, 'If we do not kill this person, a bomb will go off.' But it's fair to say that, if it has to be applied, there's a sense of failure."

Did he experience this kind of "failure" during his career? "Yeah, of course. With the best will in the world, I cannot hand on heart say that every operation was successful."

Any saloon bar fantasist can pass himself off as a spy. So I ask him, how do we know you're kosher?

"You're absolutely right, I can't prove it," he says. "I signed the Official Secrets Act when I joined the service and I'm still bound by that." He says that the publishers of his novels approached senior intelligence officials to confirm his bona fides before putting the thrillers on the market. Reputable broadcasters including ITN, Sky and GMB book him to discuss intelligence matters.

How has he been permitted to make a media career out of his spying background? After all, the security services took exception to Peter Wright's memoir of working for MI5, Spycatcher, which was banned in England when it came out in 1987. But Dunn's work is fiction, he points out. "I had a meeting with a director of MI6 in 2011 before I began publishing my novels… The attitude of the service was, 'We're here to help. We just want sight of what you write beforehand.' So I got clearances."

Operation MI6 opens at the Grand Theatre, Wolverhampton, next month before touring around the country, with plans for a West End run next year. Theatres will be transformed into a mock-up MI6 command centre. Will it look like the real thing? "Yes. I haven't seen inside Vauxhall Cross [MI6 headquarters] for many years now and in my time they didn't have a control room all the time — it was more of a pop-up thing," Dunn says.

A huge screen will show the audience what purports to be the build-up to an assassination attempt on an unspecified VIP in Prague. The ensemble has already filmed sequences for this in the capital of the Czech Republic. "There is jeopardy," Dunn says. "The consequences of this scenario are going to be severe for the whole of Europe, especially the big powers like the UK, France and Germany."

But why set the action in Prague — was it too sensitive to locate it in London or another UK city? "That was a consideration. But I want the audience to see what MI6 does, and they're a global operation active overseas. If we set it here, it would be MI5's problem.

"The question we pose to the audience from the outset is, 'What would you do?' I'll ask them about what they've just seen and they have to select an answer through multiple choice."

A film shoot for Operation MI6 in Prague, showing actors and crew gathered around a white van under a bridge.
Filming in Prague for the recorded parts of the theatre show
Cummings Dunn Studios
Are the options (a) send in the SAS, (b) get the hell out of there or (c) move Andy Burnham to Lerwick?

"Something like that," Dunn replies, a tad warily. "Of course, we expect some people will say, 'Blow the bastards up!' But I want to contextualise what the audience are seeing. I want to tell people they know more than they think they do."

Theatregoers will vote on what the security forces should do next with hand-held devices or panels on the back of the seats in front of them. This tech has been used by Dunn's business partner Steve Cummings on another interactive show called Murder Trial Tonight, in which the audience acts as the jury.

But despite his time in the world of James Bond, Dunn is sceptical about gadgets. “They really did have a Q department at MI6! I don’t know if we had the name first or took it from the Bond films. They were brilliant boffins who were always proud to show off some new secret recording device or implement for picking locks. We would trial these things in head office and they’d work brilliantly. But in reality if you have an important face-to-face encounter with someone, it’s not just about taping their words, you have to focus on the person, pick up every nuance. And you need the gadget to work — nine times out of ten they didn’t in the field and that was a tremendous frustration.”

European spies admit: Nobody does it better than MI6

From an early age, Dunn had “a fire in my belly and a massive curiosity about the world”. He was enthralled by the film The Day of the Jackal starring Edward Fox as an assassin targeting President de Gaulle of France. “He was a sophisticated gentleman called to do a very precise operation,” Dunn says. He also loved the spy stories of Ian Fleming and John le Carré.

He studied politics and economics at the University of East Anglia before taking a PhD in international relations at Cambridge. He confided to a sympathetic professor that he had an interest in “foreign service”. He was approached by MI6, joining in 1996. He entered an “Oxbridge, public school, Etonian” milieu that would have been very familiar to Bond’s creator, Fleming, who served in naval intelligence during the war. “They were training world-class spies, though they never used the word ‘spy’. There was no sense of, ‘OK, books open!’ — it was role-playing, quite fun. Then they began to ratchet it up, it became intense. On our final exercise, everybody said they no longer knew if it was an exercise or not.”

Wife-beaters, alcoholics, traitors — the monstrous Cambridge spies
Dunn was posted abroad with a brief to “turn” people of interest who could help the British cause, to run agents and gather intelligence. He had as many as 14 aliases. What was his typical cover story? “My forté was as a business person. I’m 6ft 4in so I was never going to be the grey man in the shadows. So I played it up as a larger-than-life chief executive. It worked very well.”

Did it get hairy at times? “Was my life in danger? 100 per cent. I look back and I think, ‘Blimey!’ There were some extremely hairy situations: the looming threat that if something goes wrong, the implications are very serious. I have been in more than one situation when I have had to extricate not just from a specific location but the broader environs,” he says, slipping into the unsettlingly affectless language of the ops room. “I don’t say this with any sense of ego or machismo but at the time I did not have what I would describe as fear, even though I was in situations that on paper were bonkers. I’ve thought about it and, looking back, everything was about trying to succeed with the operation. And the other component was the aliases. I was very comfortable not being me.”

Dunn expects that a few old comrades from the service will take their seats in the darkness to watch his show about the spying game. “I would be mortified if they didn’t! I’m very onside with the service and have no axe to grind. I hope they’ll approve of us showing the complexities of what they do and the moral grey zones.”
Grand Theatre, Wolverhampton, Sep 24; then touring the UK, operationmi6.com

https://www.thetimes.com/article/c72b48c5-866d-4f52-be68-825323589a39?shareToken=05b40499df31db44d65c9032fa404e61&t=1788440326605

Remember the theatre show by an ex-MI6 officer,. ‘Operation MI6’ as mentioned in the last newsletter?

I received information from the Fairfield Halls, where I was due to see this extravaganza in March 2027, that ‘due to circumstances beyond our control the show has been cancelled.’ Returning of ticket money in hand I wondered, given the circumstance of the performance what the reason was.

Having a search about on the net today I come across this little gem about a cancellation on 11th October:

Operation MI6 will unfortunately be unable to go ahead due to ‘sickness’ of the performer.
We are currently in discusion for a new date.
The Assembly Hall Theatre will be reaching out to all customers this will effect.

I spoke with a mate of mine who also booked for this at a different venue and he’s been told the same. He added, “I’d bet my pension he’s been got at by MI6, probably too realistic, based on past op, or he’s fouling the OSA!” [OSA: Official Secrets Act]. He noted, no cup of tea or window!

Well Gerry, you’re probably right.

Information for Operation MI6 at Theatr Clwyd, Mold (Talk).

How are intelligence operations planned? How are agents recruited? How are threats, identified, monitored and neutralised? Guided by former MI6 intelligence officer Matthew Dunn, Operation MI6 takes audiences inside the secretive world of Britain's foreign intelligence service in a gripping live theatre experience unlike any other. Cast/Performers Matthew Dunn ……..NOT SHOWING HERE EITHER.



This little gem dates back to 14th August 2025. Another careless person who apart from losing his passport needs to clear his DLB

I can tell you now; if he had lost it in Croydon he'll never be seeing it ever again

This will be the last newsletter of 2026; the list owner and moderators particularly wish all those who have contributed throughout 2026, our members, those of N&O and Priyom and all other readers Compliments of the Season.

Happy Christmas

"If you want a special drink it's a mixed Vodka and Coca Cola – Détente in a glass"
[*Denholm Elliott, In 'Defence of the Realm' – tnx Rob*]

Newsround

Key UK Nuclear Deterrent Link Destroyed Over Yorkshire

The Ministry of Defence has refused to clarify whether the catastrophic mid-air failure of the Trident relay system was a weather accident or sabotage

Duncan Campbell
8 September 2026

https://bylinetimes.com/2026/09/08/key-uk-nuclear-deterrent-link-destroyed-over-yorkshire/

Britain's sole emergency communications link for sending nuclear retaliation orders to Trident missile submarines has been destroyed in a spectacular disaster unwittingly observed by hundreds of Yorkshire residents and passers-by. During a trial on Friday, the system was seen and filmed breaking up over Topcliffe, north of York, in clear view of travellers on the nearby A1 motorway.

The emergency system, called Low Frequency Fall Back or LFFB and codenamed SUNFLOWER, used a "blimp" style tethered balloon or aerostat (illustrated) to lift a 1,500 metre long radio antenna.

According to publicly available Army journals, Low Frequency Fall Back "was brought into service in 2003 to provide a high-powered LF radio system designed to operate through the atmospherically harsh conditions of a post-nuclear strike against the UK."

While being flown on Friday, the balloon was observed suddenly to start deflating, triggering the catastrophic destruction sequence seen below. The Ministry of Defence refused to answer a question from Byline Times as to whether hostile power "hybrid warfare" is suspected of bringing down the balloon. A spokesperson also refused to say whether debris has been recovered, or whether service personnel or others have been injured.

The Balloon Goes Up
On Friday 4 September, strong gusty winds reported to exceed 50 miles an hour affected parts of the Pennines and Yorkshire, bringing down a tree in one area. Despite the weather news, the balloon was launched. Disaster struck at about 2.30 pm. A succession of images and videos posted to social media show its destruction in graphic detail (see panel). Members of an active Facebook group, North Yorkshire Weather Updates, posted notes and video records.

As multiple watchers' cameras panned and zoomed in, showing wind pressure, the balloon and tail fins appeared partially deflated, implying that its skin and gas balloon had been ruptured. The balloon began to spin on its tether, almost plunging into the ground in one image. Then the tether, which was also the emergency radio antenna, snapped. At first, the top part of the aerial, called a corona ring, remained attached. Then it appears to have fallen off.

About half an hour later, around 3 pm, the balloon was photographed still spinning and inflated while rapidly ascending over Thirsk. Over the next four hours, it appears to have continued to climb while being blown 12 miles east, finally exploding at an unknown high altitude over the edge of the North York Moors. Another Facebook user recorded the balloon wreckage falling into a farmer's field near Ampleforth.

After apparent puncturing, images show the balloon drifting east until the wreckage fell near Ampleforth (Facebook North Yorkshire Weather Updates group)

Available video does not show what caused the balloon to start deflating at about 2 pm on Friday. Its sudden destruction comes at the end of the week that NATO, Germany and the UK accused Russia of explosive drone attacks on Leipzig airport, and the UK Cabinet announced restarting Britain's "war book" emergency plans, previously abandoned in 2004.

According to a source with direct knowledge of Trident launch control procedures, speaking off the record, national fire control messages are sent by the Cabinet Office and naval headquarters twice a week, using VLF (very low frequency) radio, and following a two-person rule throughout. At the receiving end, only the

submarine's weapons officer and their deputy are then permitted to open the safe containing decoding equipment and firing keys. If any other crew or the captain were to attempt to open the safe, marine guards are posted to disable them using baseball bats.

"The balloon would only be needed if all other failsafes have broken or been destroyed", the source added. "Testing is to find the weak link in rehearsal – not on the day of the crisis."

The primary Cabinet Office and naval nuclear command centre, Codenamed Pindar, was built during the 1980s under the south end of the Ministry of Defence building in Whitehall. It is linked to 10 Downing Street and other government departments by a deep-level tunnel under Whitehall. The "nuclear release" room in PINDAR is connected to two permanent VLF transmitters near Carlisle, whose signals reach underwater.

The Seeds of Sunflower

SUNFLOWER was ordered from US contractor Lockheed Martin in 1999 to provide an additional emergency submarine link to order retaliation after Britain had been destroyed by nuclear weapons. If, as expected, London and major military sites were targeted at the start of a nuclear war, SUNFLOWER's role has been to take over and enable any surviving successor Prime Minister to pass attack orders directly to submerged missile submarine commanders.

Until this week, official plans in a military emergency and if nuclear war seemed possible, would instruct a secret convoy of trucks and specially equipped vehicles to leave from an army warehouse discreetly located in a Dundee industrial estate, with orders to head for the hills. The convoy would then hide as far as possible away from cities and other likely UK nuclear targets. When and if any surviving post-nuclear attack British government decided to order retaliation on Moscow, their order would go through to the balloon unit to send pre-arranged LF messages, capable of being received underwater.

In a ritual now familiar to residents of the Yorkshire market town of Thirsk, every September the convoy from Dundee has rolled onto the nearby former airfield at Topcliffe to conduct a nuclear war test drill. The Scottish soldiers taking part are mainly part-time members from a Territorial Army unit called 2 (City of Dundee and Highland) Signal Squadron (Volunteers).

They erect security fencing and inflate the aerostat balloon with helium gas, ready to fly when and if ordered. Once aloft, simulated nuclear attack orders are sent to a Trident deterrent patrol boat submerged in the North Atlantic. One test reportedly connected to the US Navy headquarters to pass on orders, according to an Army magazine report.

The Topcliffe event is a Top Secret UK Eyes Only and ultra-sensitive annual rehearsal for the last days of Britain, as depicted most graphically in the 1984 BBC drama Threads.

Once this balloon went up, if for real, former officials anticipated that signals from SUNFLOWER would be the last military event before Britain's rapid fall into a violent struggle for survival and then a decline to pre-medieval living standards and population levels in near-starvation conditions.

Ahead of each annual war rehearsal and balloon relay exercise, the Ministry of Defence publishes a "Notice to Airmen" (NOTAM) banning all aviation activity below the height of 1,800 metres (6,000 feet) within three nautical miles of Topcliffe.

Thirsk locals have become used to then seeing the balloon appear over their town about the same time as kids go back to school every year, and to then exchanging speculation about its real purpose. Residents usually guess, wrongly, that it is a "weather balloon".

This September began as usual. Scottish squaddies set up their balloon camp. When the balloon was inflated on Tuesday, local social media woke up. Locals passing on the A168 trunk road took and posted images to social media, showing the inflated balloon made ready on the ground. A local businessperson reported he had been asked to deliver diesel "on the bounce, they're Scottish, and there are lots of big computers in several trucks, wouldn't even give me a clue as to what they were doing".

Although SUNFLOWER might have been assumed to be one of Britain's most vital and precious national security secrets, details of the system have for years been as visible as its sudden demise high in Yorkshire skies.

The basic LFFB design was patented in 1984. Full details of the system, including its power design and technology, were published in a 1993 NATO conference paper. Details of the acquisition, deployment, testing, exercising and nuclear role of the now-shredded balloon have routinely been published and described in open Army publications, notably the Royal Signals Corps magazine Wire. Wire featured the balloon with cover pinup prominence in its December 2007 edition (illustration).

After a decade of LFFB operations, in 2014 the Royal Signals Institute awarded a Silver Medal to Dundee Staff Sergeant George Cowan, citing an "unsurpassed… contribution to the operational effectiveness of the LFFB and for developing a unique unproven civilian system into a deployable military system … whilst assuring its credibility within the Nuclear Firing Chain. Sgt Cowan was also commended for having a "the message must get through" attitude in the face of possible national nuclear destruction.

The citation also revealed that, despite the lifetime cost of Trident estimated by the House of Commons at £21 billion, with annual running costs of £3 billion, the former emergency war link was apparently being maintained on a shoestring. Sgt Cowan's citation stated that he was the only person in Britain capable of getting a nuclear retaliation order sent out, as "he has been the solitary Flight Control Officer capable of flying the system for over eight years."

Despite the obvious security sensitivity of the Flight Control Officer's job, Cowan's official mobile phone number was published in warning notices for each exercise. The current NOTAM warning for Topcliffe, available on the web at the time of publication, provides mobile phone numbers for SUNFLOWER's current flight controllers.

The apparently unusual decision to allocate the nation's most vital last-resort military mission to a Scottish reserve unit based in a Dundee industrial estate was historically the result of second world operations by MI6, the Secret Intelligence Service. A secret agent radio control station to connect to Northern Europe was constructed near Forfar, 13 miles from Dundee.

When the Cold War began, the Forfar station was revived to allow MI6 to connect to agents inside Warsaw Pact countries, and was staffed by reserve soldiers. According to Army publications and Wikipedia, the unit modernised in 1988 and moved to a renovated commercial warehouse bordering the city's Eastern Cemetery. Its first role was to provide a "special communications" wartime message relay system for MI6. In 1996, it was reassigned to provide the last resort for Trident.

A warehouse depot on a Dundee industrial estate, converted in 1988 to host an MI6 wartime emergency message relay centre, was home to the "last resort" SUNFLOWER balloon, now lost over Yorkshire

With a United States President increasingly unstable and hostile to the UK, the only obvious trustworthy military replacement for SUNFLOWER that could be available might be its French equivalent, Système de transmission de derniers recours (SYDEREC).

Unlike SUNFLOWER, SYDEREC has at least two balloons, both working and currently being updated, and two aerostat teams based in widely different locations. Operating plans for the French and British systems are closely aligned.

The French president would give nuclear firing orders from the Jupiter Command Post, said to be located 80 metres below the Élysée Palace in Paris. If all other communications links are destroyed, according to French official documents, SYDEREC would use 'antennas supported by inflatable balloons, carried by mobile vehicles' to relay orders.

In a grimly coincidental look into a dangerous nuclear future, a new French feature film "Jupiter" premiered in Venice, also on Friday. The action is mainly set inside the Paris underground command post, codenamed JUPITER. The fictional French president faces down a Russian demonstration nuclear attack involving Ukraine, and contemplates a response "backed in his mission by the British prime minister."

Until last Friday, if the VLF stations were destroyed by attacks with advanced conventional weapons, the balloon could have gone up to provide a national emergency link. The situation now has parallels to warnings written forty years ago by civil service planners advising Mrs Thatcher's successor what to do if all links were destroyed: "This is not a situation easily provided for, but the argument is that if we do not provide for it – and should the Russians discover the fact – we do not have a deterrent which is credible in all circumstances."

Additional research by Matthew Fowler and Mike Kenner. Duncan Campbell and Mike Kenner are currently writing a book on British nuclear war and civil defence planning since the start of the Cold War, following up Campbell's previous text War Plan UK (still in print and e-book).

https://bylinetimes.com/2026/09/08/key-uk-nuclear-deterrent-link-destroyed-over-yorkshire/

Two arrested on suspicion of spying for Iran

Pair detained in London for allegedly assisting Iranian intelligence service

Rozina Sabur
National Security Editor

Published 10 September 2026 2:16pm BST

https://www.telegraph.co.uk/news/2026/09/10/man-woman-arrested-on-suspicion-of-spying-for-iran/

Two people have been arrested on suspicion of assisting Iran's intelligence service.

A 42-year-old woman and a 60-year-old man were detained in London on Wednesday on suspicion of an offence under the National Security Act 2023.

They were taken to a police station and released on bail until late October.

The Metropolitan Police said the investigation was not connected to any activity or events linked to the forthcoming Jewish holy days.

Commander Helen Flanagan, the head of Counter Terrorism Policing London, said: "We know that news of these arrests will come as a concern to some members of the public, but I want to stress that we do not believe there to be any imminent threat to the wider public in connection with this matter.

"We've seen a marked increase in the tempo of our work linked to national security and state threats over the past year, and this investigation is a continuation of that.

"As we've shown here, if we suspect any activity could threaten the safety of the UK or the public, then we will not hesitate to take action.

"I would also like to remind the public that the overall terrorism threat level is at severe, so we continue to ask for everyone's support through being vigilant, and if you see or hear anything that doesn't look right, then please trust your instincts and report it to us."

Warnings of threat
The arrests come at a time of heightened suspicion and warnings about the threat to Britain from Iranian agents.

Last month, counter-terrorism police charged an alleged Iranian spy with assisting a foreign intelligence service.

Vahid Aberi, 39, from Liverpool, was arrested in the Birmingham area under the National Security Act 2023.

The dual British-Iranian national has been accused of engaging in conduct intended to materially assist a foreign intelligence service in carrying out UK-related activities, between Dec 17 last year and July 16 this year.

Earlier this year, four Iranians were arrested on suspicion of spying on Jewish people for the Islamic regime's intelligence services.

After the arrests, David Lammy, the deputy prime minister at the time, praised the work of MI5 and counter-terrorism police.

Shabana Mahmood, the Home Secretary, said the police and security services "won't hesitate to take action to counter any threat to the UK".

Between March and May, there was a spate of incidents targeting London's Jewish community or sites linked to Iranian dissidents, which began with an arson attack on Jewish community ambulances in London.

Subsequently, a synagogue and a former synagogue were targeted, as was Iran International, a Persian-language media organisation, and a memorial wall dedicated to people killed in Iran.

https://www.telegraph.co.uk/news/2026/09/10/man-woman-arrested-on-suspicion-of-spying-for-iran/

Suspected Russian spy ‘plotted to sabotage UK drone factory’

Briton, 31, allegedly passed details of four manufacturing sites in Swindon to Moscow intelligence services

Tom McArdle

Updated 10 September 2026 12:56pm BST

https://www.telegraph.co.uk/news/2026/09/10/suspected-russian-spy-alleged-drone-factory-sabotage/

A British man plotted to sabotage a drone factory in the UK on behalf of Russia’s intelligence services, a court has heard.

Joshua Cammidge, who was charged on Wednesday with assisting Moscow’s military, allegedly researched four drone manufacturing sites in Swindon, along with a wifi jamming device.

He is suspected of communicating with and receiving instructions from an individual believed to be linked to the GRU Volunteer Corps, a group controlled by Russian intelligence services.

The charges state that Mr Cammidge provided Google Maps screenshots to the source between March and September, showing the addresses of the drone manufacturing sites.

He also allegedly provided details of the activity at one particular factory.

The 31-year-old was remanded in custody at Westminster Magistrates’ Court on Thursday.

Warren Stanier, prosecuting, told the court that Mr Cammidge had been messaging Aiden Minnis, a fellow Briton fighting for Vladimir Putin’s forces in the war against Ukraine.

He said that between Aug 28 and Sept 3 the pair exchanged 58 messages on Telegram, discussing how Mr Cammidge could target drone factories in Swindon.

Minnis, from Wiltshire, is believed to be one of the first British nationals to have joined Russian troops after Putin’s invasion of Ukraine in 2022.

The 39-year-old has an active social media presence where he frequently posts pro-Kremlin talking points, along with pictures of him in military fatigues and drinking in Moscow.

Minnis, from Chippenham, claims to have “renounced” his British citizenship and has shared footage of himself receiving a Russian passport on social media.

He has previously denied acting as a recruiter of foreign fighters.

Mr Cammidge, of Galsworthy Close, Swindon, was arrested by Counter Terrorism Policing London, supported by officers from Wiltshire Police, at a property on Friday.

Advertisement

He was taken to a London police station and searches were carried out at a different address in Swindon.

Mr Cammidge was charged with assisting a foreign intelligence service and intending to commit or engage in conduct to prepare an act of sabotage.

He did not enter a plea at the hearing on Thursday. The case will be heard at the Old Bailey on Sept 25.

The Government banned the GRU Volunteer Corps in July under the National Security Act, making it a criminal offence to express support for the group.

The GRU is sanctioned in its entirety by the UK, and hackers linked to the agency have been blamed for cyber attacks in Britain.

A GRU division is believed to be behind the attempted murder of Sergei Skripal, the former spy, using a Novichok nerve agent in Salisbury in March 2018.

https://www.telegraph.co.uk/news/2026/09/10/suspected-russian-spy-alleged-drone-factory-sabotage/

Members Of Russian Intelligence Services
Network Charged With Conspiring To Finance Terrorism And Commit Murder For Hire In The United States

https://www.justice.gov/usao-sdny/pr/members-russian-intelligence-services-network-charged-conspiring-finance-terrorism-and

Tuesday, September 15, 2026 For Immediate Release
U.S. Attorney's Office, Southern District of
New York

United States Attorney for the Southern District of New York, Jamie McDonald, Attorney General for the United States, Todd Blanche, Assistant Attorney General for National Security, John A. Eisenberg, Director of the Federal Bureau of Investigation (“FBI”), Kash Patel, Assistant Director in Charge of the New York Field Office of the FBI, James C. Barnacle, Jr., and Assistant Director in Charge of the Washington Field Office of the FBI, Darren B. Cox, announced today the unsealing of charges against five individuals working for the intelligence services of the Russian Federation to conduct attacks and murders around the world, including in the United States. As detailed in the unsealed indictment, the network is alleged to have, among other things, paid and attempted to pay individuals within the United States and elsewhere to conduct pre-operational surveillance and carry out targeted killings, and commissioned associates to commit and attempted to commit acts of terrorism against civilian and military infrastructure in European countries that are aligned, or perceived to be aligned, with Ukraine. The defendants remain at large.

“We will not tolerate efforts to finance terrorist activities and engage in acts

of violence—particularly when these activities are commissioned by state actors and touch American soil," said U.S. Attorney Jamie McDonald. "As alleged, the defendants, working for the intelligence services of Russia, conspired to cause destruction and mayhem around the world, including right here in the United States. The Russian-led network charged in today's indictment is brazen, aggressive, and far-reaching, and the charges levied against the defendants should send a clear message: no matter where you are, and no matter who you work for, we will investigate and prosecute you for your crimes. I thank our partners at the FBI who work tirelessly to protect our communities and am grateful that our law enforcement partners neutralized this deadly and outrageous threat."

"It is our job to stop America's adversaries from unleashing violence and terror on American soil," said Attorney General Todd Blanche. "And that's precisely what we are doing thanks to the work of the FBI and our Justice Department prosecutors."
"These defendants allegedly operated as part of a global assassination network that reached into the United States, attempting to recruit U.S. citizens and foreigners to carry out killings at the behest of the Kremlin," said Assistant Attorney General for National Security John A. Eisenberg. "Actions like these represent a gross violation of our sovereignty and a threat to our national security. We will stamp out any foreign intelligence services' attempt to operate freely in our great Nation, and we will not rest until they and their enablers suffer the most severe consequences that federal law can levy."

"The charges announced reveal an alleged plot by the Russian intelligence services to murder a dissident on U.S. soil for daring to speak out against the Russian government," said FBI Director Kash Patel. "As alleged in the indictment, this plot exposes the lengths to which our adversaries will go to silence its critics and illustrates the grave threat transnational repression poses to the lives and freedoms of all who challenge authoritarian regimes. The FBI is committed to defending the free speech of everyone within our homeland and will not tolerate any attempts by foreign governments to violate our laws and threaten our freedoms."

"As alleged in this indictment, members of the Russian Intelligence Services and their affiliates conspired to intimidate, threaten, or murder people on U.S. soil and around the world," said Assistant Director in Charge of the FBI New York Field Office James C. Barnacle, Jr. "The FBI disrupted this operation through relentless work and rock-solid partnership. The FBI is committed to confronting transnational repression wherever it occurs and protecting those targeted for exercising their fundamental rights. We thank the multiple FBI Field Offices and the United States Attorney's Office whose coordination and commitment made this disruption possible."
"The charges announced today represent the culmination of extraordinary work by multiple FBI field offices, components, and partner agencies that collectively disrupted Russia's attempts to conduct violent acts in our nation's capital and throughout the United States," said Assistant Director in Charge of the FBI Washington Field Office Darren B. Cox. "When this threat was identified, the Washington Field Office and our partners moved quickly to disrupt the plot and hold the Russian government accountable for its actions. Our message is clear: any foreign intelligence service that attempts to direct violence inside the United States will face an unrelenting and coordinated response from the FBI and our partners to protect the homeland."

As reflected in the Indictment unsealed today:(1)

Since at least in or about 2024, a network of individuals working for the intelligence services of the Russian Federation (the "RIS Network") has conspired to conduct and conducted attacks and murder around the world, including within the United States. The RIS Network is one arm of the Russian Federation's apparatus to carry out external attacks, including murder, around the world, which has focused on Russian dissidents and defectors and, most recently, on nations perceived as allies of Ukraine. Most recently, members of the RIS Network have attempted to recruit multiple individuals within the United States to carry out pre-operational surveillance and murder within this country.

Three of the defendants are high-ranking members of the RIS Network. Those three defendants are: YURI KHRAMEEV, a/k/a "Colonel Yuri," a former colonel in the Russian intelligence services who has participated in the recruitment of multiple individuals to commit murder against perceived Russian dissidents; KIRILL KHRAMEEV, an officer in the Federal Security Service of Russia ("FSB") and YURI KHRAMEEV's son; and OEMIS ROMAGOZA DURRUTHY, a Cuban national who is an influential member of the Cuban diaspora living in Russia who has coordinated attacks for the RIS Network. Two additional members of the RIS Network who are charged in the Indictment are YAIDEL DELGADO SUAREZ, a/k/a "Viking," who is a prolific recruiter for the RIS Network and who has recruited or attempted to recruit multiple individuals in the United States; and ANGEL EDUARDO CASTRO, who participated with SUAREZ in the recruitment of U.S.-based individuals to surveil and attempt to murder a prominent U.S.-based Russian dissident ("Victim-1").

The RIS Network has allegedly carried out or conspired to carry out multiple schemes around the world. Most recently, this summer, the RIS Network recruited an individual based in the United States ("U.S. Resident-1") to surveil and murder a prominent Russian dissident they believed to be residing in the United States. Among other things, SUAREZ sent U.S. Resident-1 two locations associated with Victim-1 to surveil; provided U.S. Resident-1 with explicit instructions on how to conduct surveillance; and promised U.S. Resident-1 between $1,000 and $1,500 to carry out the pre-operational surveillance. In turn, U.S. Resident-1 conducted the requested surveillance and passed back to SUAREZ multiple photographs and videos of locations associated with Victim-1. SUAREZ and CASTRO further offered U.S. Resident-1 $40,000 to "eliminate" or "disappear" Victim-1 and, when U.S. Resident-1 told them that he did not want to carry out the murder by his own hand, asked U.S. Resident-1 if he knew "someone [who] can do the work." SUAREZ also told U.S. Resident-1 that he had "people in Mexico" who could otherwise carry out the murder, but they were delayed in doing so. In addition, SUAREZ attempted to recruit multiple other individuals

within the United States to conduct pre-operational surveillance and murder Victim-1 and other potential targets within the United States, and offered them substantial sums of money to carry out the targeting of the U.S.-based victims.

The alleged attempted murder of Victim-1 is the latest in the RIS Network's efforts. Last year, as alleged in the Indictment, the RIS Network solicited a U.S. Citizen ("U.S. Citizen-1") to surveil and murder an individual located in Lithuania ("Victim-2") who the RIS Network described as a "bad guy" who was "telling lies about Russia." KIRILL KHRAMEEV first recruited U.S. Citizen-1 to travel to Victim-2's purported address and take pictures. After U.S. Citizen-1 accepted and completed the assignment in exchange for a promise of $200, KIRILL KHRAMEEV introduced U.S. Citizen-1 to someone he described as his "boss" and a "colonel," later identified as YURI KHRAMEEV. YURI KHRAMEEV then offered U.S. Citizen-1 approximately $25,000 to kill Victim-2. YURI KHRAMEEV further told U.S. Citizen-1 that they wanted Victim-2 dead because he was "spreading dirt about my country" and "distorting history." YURI KHRAMEEV then sent U.S. Citizen-1 a photograph of Victim2 and described that he could be murdered by "throwing a bottle of gasoline" or "sticking a knife" in him. After U.S. Citizen-1 declined to carry out the murder, YURI KHRAMEEV offered instead to give him a "simpler job" which could include "set[ting] fire to a warehouse of property or food" or "throw[ing] a bottle of gasoline at an electrical substation." YURI KHRAMEEV made clear to U.S. Citizen-1 that the purpose was to target "all the countries that are helping Ukraine" and that he was offering "serious money for serious work." Finally, YURI KHRAMEEV confirmed that he was a "colonel of Russian intelligence agencies."

Overseas, the RIS Network has also allegedly recruited others to carry out acts of terrorism. One key member of the RIS Network who is involved in this overseas effort is OEMIS ROMAGOZA DURRUTHY, who coordinated travel and logistics for the RIS Network. In or about June 2024, DURRUTHY coordinated an attack in Prague, Czechia, including by sending to another participant potential attack sites and facilitating that participant's travel. In or about September 2024, DURRUTHY coordinated another attack in Lithuania, in which he, again, booked travel reservations for another individual involved in the attack, and had frequent and ongoing communications with an individual involved in the attack. DURRUTHY also communicated with YURI KHRAMEEV in or about November 2025, during which time period DURRUTHY obtained media of one of Victim-1's dwellings, which was ultimately surveilled by U.S. Resident-1 this year.

* * *

YURI KHRAMEEV, a/k/a "Colonel Yuri," 63, of Russia, KIRILL KHRAMEEV, 27, of Russia, OEMIS ROMAGOZA DURRUTHY, 35, of Cuba, YAIDEL DELGADO SUAREZ, a/k/a "Viking," 35, of Cuba, and ANGEL EDUARDO CASTRO, 22, of Venezuela, are all charged with participating in a conspiracy to finance terrorism (Count One), which carries a maximum penalty of 20 years in prison. YURI KHRAMEEV, SUAREZ, and CASTRO are also charged with participating in a conspiracy to commit murder for hire (Count Two), which carries a maximum penalty of 10 years in prison.

The maximum potential sentences in this case are prescribed by Congress and are provided here for informational purposes only, as any sentencing of the defendants will be determined by a judge.

Mr. McDonald praised the outstanding efforts of the Counterintelligence Division of the FBI's New York Field Office. Mr. McDonald also thanked the FBI's Washington Field Office for their significant assistance, as well as Homeland Security Investigations and the Department of Justice's National Security Division.

This prosecution is being handled by the Office's National Security and International Narcotics Unit. Assistant U.S. Attorneys Jeffrey W. Coyle, Kaylan E. Lasky, Adam Margulies, and Jason A. Richman are in charge of the prosecution, with assistance from Trial Attorney Andrew Briggs of the Counterterrorism Section and Trial Attorney Yifei Zheng of the Counterespionage Section.

The charges contained in the Indictment are merely accusations, and the defendants are presumed innocent unless and until proven guilty.

1. ^ As the introductory phrase signifies, the entirety of the text of the Indictment and the description of the Indictment set forth herein constitute only allegations, and every fact described therein should be treated as an allegation.

https://www.justice.gov/usao-sdny/pr/members-russian-intelligence-services-network-charged-conspiring-finance-terrorism-and

Many thanks to the member who sent this interesting piece in, Readers; if you go to the URL the Indictment can be read/downloaded. It is a very interesting and informative document.

.E's' splendid Newsround can be found after the logs

Morse Stations

All frequencies listed in kHz. Freqs are generally +- 1k
This is a representative sample of the logs received, giving an indication of station behaviour and the range of times/freqs heard. These need to be read in conjunction with any other articles/charts/comments appended to this issue.

UNID CW

Hiran caught this one on Saturday, 12 September. First at 2000za, repeated at 2030z.

4590	2000z / 2030z	12 September	Groups of 5 letters & numbers	Hiram	SAT

MESSA MESSA GESYS TEMIA NITIA LIZED UFFER READA YS5HE EETUA HNEMI EEIIA HESVA EEHEA HIISI IIESA E4KBB ITHTL HSEEI HSKTB TISMI TTBII EETKE I5HHE T5SEI ET5IU ENSSO TMTAB ETEHS EETEE EEKNB IHEBE SKEAA EIETT ETTTT TTEEB EE ITE ETEAB EHISC I4EEI UEIET SEETC TTTEG 5SISE ESESH IIISS IEEHS IIISS ISS5E TEETV EET4I ETESS SHELN ATEEE EBENS ITIEF HSTAE 55EEI TTTTE TBE55 SESNH EVTTS ETTTT EETSI HTEEI IEXKB T5IIT TTTEI ETEE5 SEI5E STBEE IIHS5 TISID 5SEIC EHAH5 SEBEE ATTE3 TTHIE EKI33 TNIIS UEEIF EHIUE IIES3 H5HE3 TTMEN TMS3S SIIEI IEUET MESSA MESSA

Unknown source – likely a spoof

Morse - Number Stations

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

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

September 2026:

5020	2000z	01 Sep	'463' 769 30 = = 89543 56712 … 79802 36558 = =	Fair, noisy. Med-fast with spaced characters. No errors	BR	TUE
	2000z	03 Sep	. . . . … 13578 08652 = =	Fair with QSB. Fast delivery. Missed msg start	BR	THU
	2000z	08 Sep	'463' 911 30 = = 54656 32314 … 52341 78453 = =	Weak, noisy. Fast delivery. Grp20 sent once only	BR	TUE
	2000z	15 Sep	'463' 557 30 = = 88886 45343 … 75632 86745 = =	Fair, noisy. Difficult copy in places. Errors noted	BR	TUE
	2000z	17 Sep	'463' 347 30 = = 13256 24367 … 98653 56777 = =	Fair with QSB. Errors in grp26 & ending sequence	BR	THU
	2000z	25 Sep	NRH		BR	THU
	2000z	29 Sep	'463' 909 30 = = 18756 35423 … 29336 07132 = =	Fair, fast. Good Morse with two corrected errors	BR	TUE
5475	1800z	03 Sep	'463' 122 30 = = 19837 16555 … 21145 27365 = =	Weak, fast. Several groups sent once only. Errors noted	BR	THU
	1800z	08 Sep	'463' 668 30 = = 67564 34231 … 78563 54981 = =	Weak, fast. Difficult copy. Corrected error Grp17	BR	TUE
	1800z	17 Sep	552 30 = = 31212 08967 … 08944 14678 = =	Fair with QSB. No call-up went straight into DK GC	BR	THU
	1800z	22 Sep	'463' 420 30 = = 30981 19243 … 48730 01717 = =	Fair, noisy. Fast delivery Excellent Morse. Error noted	BR	TUE
	1800z	25 Sep	NRH		BR	THU
	1800z	29 Sep	'463' 727 30 = = 97886 14235 … 54671 08976 = =	Weak with QSB, fast. Errors including incomplete grps	BR	TUE
6260	1500z	19 Sep	'463' 551 30 = = 34231 56342 … 45376 97861 = =	Weak, fast. Difficult copy in places. Some grps missed	BR	SAT
	1500z	26 Sep	'463' 260 30 = = 74869 67323 … 24387 69755 = =	Weak with QSB. Fast. No errors. Several short pauses	BR	SAT
6510	0700z	20 Sep	'463' 639 30 = = 65643 66678 … 38675 99780 = =	Weak, fast. Excellent Morse. No errors. Perfect!	BR	SUN
	0700z	27 Sep	'463' 760 30 = = 75869 45376 … 45612 32198 = =	Weak, fast. Excellent Morse. No errors. Perfect!	BR	SUN

October 2026:

5020	2000z	06 Oct	'463' 203 30 = = 54789 02385 … 57763 81750 = =	Weak with QSB, Fast delivery. Poor copy in places	BR	TUE
	2000z	08 Oct	'463' 303 30 = = 64783 20918 … 28918 17261 = =	Weak, fast. Poor copy in places. Grp23 sent once only	BR	THU
	2000z	13 Oct	'463' 703 30 = = 32901 94571 … 57480 02764 = =	Fair with QSB. Fast. Error grp06 & additional = at end	BR	TUE
	2000z	20 Oct	'463' 991 30 = = 78765 33312 … 60321 34985 = =	Fair, fast. God Morse with no noted errors	BR	TUE
5475	1800z	06 Oct	'463' 432 30 = = 19033 70319 … 70415 12038 = =	Weak, noisy. Fast delivery. Poor copy in places	BR	TUE
	1800z	08 Oct	'463' 101 30 = = 64730 19817 … 09118 94091 = =	Weak with QSB, noisy. Fast delivery. Poor in places	BR	THU
	1800z	13 Oct	'463' 251 30 = = 94783 40722 … 17549 10923 = =	Weak with QSB. Fast. Excellent Morse. No errors	BR	TUE
	1800z	20 Oct	'463' 884 30 = = 56567 12345 … 12134 87830 = =	Fair with Link11 QRM. Good Morse. No noted errors	BR	TUE
	1800z	22 Oct	'463' 329 30 = = 6681`0 68472 … 68427 103. . = =	Weak/Fair with QSB. Fast delivery. No noted errors	BR	THU
6260	1500z	03 Sep	'463' 753 30 = = 47586 75906 … 34276 59708 = =	Weak with QSB. Excellent Morse. No errors	BR	SAT

M01/2   6510kHz   0700z   20 September 2026

463 (R4m)   639   639 30 30 = =

65643 66678 98943 12314 53429 90075 30023 26170 53425 70654
88332 32456 77345 80765 45432 12115 64532 78652 78432 23964
66432 16182 94326 75643 87643 89543 23145 73924 38675 99780

= = 639   639   30 30 000

Courtesy BR

M01/2   6260kHz   1500z   26 September 2026

463 (R4m)   260 260 30 30 = =

74869 67323 46508 78453 47685 67121 39785 60895 46375 59871
75970 18564 58796 57881 24351 46571 75879 63243 59705 57683
86975 47562 39768 58712 20804 46573 48796 79911 24387 69755

= = 260 260 30 30 000

Courtesy BR

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

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

Asiatic M12 Logs

10854/10273/9079	0800/20/40z	04 Sep	820 1 (9230 189) 30986 72846….	(Via SDR Japan)	BR	FRI
	0800/20/40z	11 Sep	820 1 (9280 83) 39860 76629….	(Via SDR Japan)	BR	FRI
	0800/20/40z	14 Sep	820 1 (6080 89) 55708 59385….	(Via SDR Japan)	BR	MON
	0800/20/40z	18 Sep	820 1 (6080 89) 55708 59385….	(Via SDR Japan)	BR	FRI
	0800/20/40z	25 Sep	820 1 (6770 152) 19720 39089….	(Via SDR Japan)	BR	FRI
	0800/20/40z	28 Sep	820 1 (1459 197) 74524 89402….	(Via SDR Japan)	BR	MON
10936/10356/9153	0800/20/40z	02 Oct	931 1 (1459 197) 74524 89402….	(Via SDR Japan)	BR	FRI
	0800/20/40z	09 Oct	931 1 (2227 168) 60536 19158….	(Via SDR Japan)	BR	FRI
	0800/20/40z	16 Oct	931 1 (4194 134) 38278 51844….	(Via SDR Japan)	BR	FRI
	0800/20/40z	19 Oct	931 1 (2297 104) 47347 67644….	(Via SDR Japan)	BR	MON
	0800/20/40z	30 Oct	931 1 (1771 179) 53386 78210….	(Via SDR Japan)	BR	FRI

European M12 Logs

September 2026: **New scheds in bold type**

9287/10768/12198	2100/20/40z	04 Sep	271 1 (1186 107) 85300 91818….		BR	FRI
	2100/20/40z	05 Sep	271 1 (1186 107) 85300 91818….		BR	SAT
	2100/20/40z	11 Sep	271 1 (1186 107) 85300 91818….		BR	FRI
	2100/20/40z	12 Sep	271 1 (1186 107) 85300 91818 … 01943 05053 000 000		Gert	SAT
	2100/20/40z	18 Sep	271 1 (4899 69) 81107 34217….		BR	FRI
	2100/20/40z	19 Sep	271 1 (4899 69) 81107 34217….		BR	SAT
	2100/20/40z	25 Sep	271 1 (4899 69) 81107 34217….		BR	FRI
11564/10487/9319	1900/20/40z	03 Sep	258 1 (7303 276) 59406 75320….		BR	THU
	1900/20/40z	05 Sep	258 1 (7303 276) 59406 75320….		BR	SAT
	1900/20/40z	10 Sep	258 1 (6610 258) 40221 38069….		BR	THU
	1900/20/40z	12 Sep	258 1 (6610 258) 40221 38069….		BR	SAT
	1900/20/40z	17 Sep	258 1 (3379 258) 73595 62447….		BR	THU
	1900/20/40z	19 Sep	258 1 (3379 258) 73595 62447….		BR	SAT
	1900/20/40z	24 Sep	258 1 (9600 279) 52373 43457….92271 49163 000 000	Fast 35wpm	Gert	THU
13409/12195/11526	1900/20/40z	06 Sep	397 1 (4372 186) 89363 80848….		BR	SUN
	1900/20/40z	07 Sep	397 1 (5565 175) 30192 34223….		BR	MON
	1900/20/40z	13 Sep	397 1 (5565 175) 30192 34223….		BR	SUN
	1900/20/40z	14 Sep	397 1 (3824 187) 02256 89036….		BR	MON
	1900/20/40z	20 Sep	397 1 (3824 187) 02256 89036….		BR	SUN
	1900/20/40z	21 Sep	397 1 (6599 193) 80575 79394….		BR	MON
	1900/20/40z	27 Sep	397 1 (6599 193) 80575 79394….		BR	SUN
	1900/20/40z	28 Sep	397 1 (1554 193) 79126 99709….		BR/E	MON

October 2026:

7976/9152/10312	2100/20/40z	02 Oct	913 1 (3728 124) 96702 87034….		BR	FRI
	2100/20/40z	03 Oct	913 1 (3728 124) 96702 87034….		BR	SAT
	2100/20/40z	09 Oct	913 1 (3728 124) 96702 87034….		BR	FRI
	2100/20/40z	17 Oct	913 1 (3208 157) 80583 08962….		BR	SAT
	2100/20/40z	23 Oct	913 1 (3208 157) 80583 08962….		BR	FRI
	2100/20/40z	24 Oct	913 1 (3208 157) 80583 08962….		BR	SAT
	2100/20/40z	31 Oct	913 1 (3638 203) 42674 90669….		BR	SAT
11564/10487/9319	1900/20/40z	01 Oct	258 1 (5019 254) 28404 24501….		BR	THU
	1900/20/40z	08 Oct	258 1 (5403 296) 07123 09802….		BR	THU
	1900/20/40z	10 Oct	258 1	Very weak – No useful copy	BR	SAT
	1900/20/40z	15 Oct	258 1 (2049 297) 50273 61534….		BR	THU
	1900/20/40z	17 Oct	258 1 (2049 297) 50273 61534….		BR	SAT
	1900/20/40z	24 Oct	258 1 (8516 289) 17551 98554….		BR	SAT
	1900/20/40z	29 Oct	258 1 (7559 296) 15021 91946….		BR	THU
	1900/20/40z	31 Oct	258 1 (7559 296) 15021 91946….		BR	SAT
13409/12195/11526	1900/20/40z	04 Oct	397 1 (1554 193 79126 99709….		BR	SUN
Fast Morse	1900/20/40z	05 Oct	397 1 (3092 183) 42615 82254….		BR	MON
	1900/20/40z	11 Oct	397 1 (3092 183) 42615 82254….		BR	SUN
	1900/20/40z	12 Oct	397 1 (5092 168) 08598 05207….		BR	MON
	1900/20/40z	19 Oct	397 1 (2131 157) 76 . .1 62777….		BR	MON
13409/12195/11526	1300/20/40z	06 Oct	397 1 (6674 95) 54117 75225….74647 84321 000 000		AB/Hiram	TUE
Slow Morse	1300/20/40z	08 Oct	397 1 (6674 95) 54117 75225….		BR	THU
	1300/20/40z	13 Oct	397 1 (1980 93) 53838 22919….		BR	TUE
	1300/20/40z	15 Oct	397 1 (1980 93) 53838 22919….		BR	THU
	1300/20/40z	22 Oct	397 1 (5583 81) 96206 83140….		BR	THU
	1300/20/40z	27 Oct	397 1 (4804 95) 27590 15627….		BR	THU
	1300/20/40z	29 Oct	397 1 (4804 95) 27590 15627….		BR	THU

M12 9287/10768/12198kHz 2100/2120/2140z 12 Sep 2026

271 271 271 1 (R2m) 1186 107 1186 107

85300 91818 49439 97180 80701 40577 96703 90915 41283 23101
73788 97830 17408 11890 64484 56631 82801 11255 72638 98048
70151 14126 44680 00914 70426 78497 73080 25025 10935 31673
40319 48345 02659 67625 59174 63272 38803 77713 51733 53302
94236 57412 37167 36985 73865 73445 03115 13470 80675 70260
83415 52943 84305 17948 88591 50795 28490 69590 42532 37007
49885 07741 33524 03137 60125 85267 10654 58087 44836 73795
10696 12819 50113 44592 17480 23857 86410 08154 66503 96324
28740 78419 74384 51131 79279 69620 49739 58280 86183 27930
22736 15915 42796 70575 55273 83043 06402 02646 58547 45677
59728 02420 87663 08852 12458 01943 05053 000 000

Courtesy Gert

M12 13409//12195/11526kHz 1300/1320/1340z 06 Oct 2026

397 397 397 1 (R2m) 6674 95 6674 95

54117 75225 38132 24368 36725 18436 16750 32755 07350 99600
73611 77184 44869 39653 78286 41117 30415 18474 02172 02989
15460 89838 48239 95138 70753 10924 81265 23075 89168 24993
68636 47595 34296 31831 63089 76546 78398 25177 00450 21492
67911 48794 19775 55508 99963 22074 40643 23188 60492 03114
58087 01240 50905 96089 63985 64278 26986 42992 53614 25801
37169 93674 43585 82355 30964 26016 42888 13038 76562 01740
62718 05237 18024 80678 35076 66664 70062 92729 95174 48679
70279 58077 62581 86053 66904 67395 96688 38206 67845 98810
49559 35405 71562 74647 84321 000 000

Courtesy AB/Hiram

M12 11564/10487/9319kHz 1900/1920/1940z 24 Sep 2026

258 258 258 1 (R2m) 9600 279 9600 279

52373 43457 14281 76491 40227 05103 97990 45437 04351 03019
05385 66474 45385 78194 76042 10512 94614 06023 86123 08932
01357 79648 62979 17760 22772 81285 88589 08563 67819 01821
51071 05487 46533 83473 25516 73443 70961 84413 35156 55845
67118 90305 72501 86262 59485 27252 90163 94848 58633 35577
05548 40459 97798 10177 58312 72724 80477 96519 53718 58941
16512 89426 77617 02530 51947 99897 19941 61911 52677 02599
39549 10000 70865 30278 41813 11050 07146 76715 58273 95518
91120 93739 49929 32241 96272 10612 07687 36355 25161 52791
92965 74441 30694 76214 39333 77690 12688 69971 34315 59587
07311 28252 42171 56033 96027 95346 69592 67520 68363 47261
65577 03761 38246 58199 67819 22772 39497 45375 06256 41334
92210 83584 36749 99885 09632 65107 79504 94650 90944 64122
98361 37173 42399 98685 88206 62868 51568 93894 36213 00925
41018 40165 67991 77898 87212 89203 36194 72494 08394 16560
38192 67311 63714 92979 67376 23726 91501 42284 46400 30919
15841 74940 76575 04240 48899 28404 61360 39559 69991 04951
71202 45601 09162 05331 00315 52044 15592 58850 12672 20428
28912 07010 86256 74383 25929 31049 73457 49419 31309 64480
71366 09283 47493 05293 85082 66077 63589 63750 28998 58808
27843 96634 02502 03443 45357 92590 58148 58383 92663 15331
08133 32651 29612 25972 02006 08831 88683 02192 78310 17849
54945 11941 08250 05511 33584 61918 98106 03868 20247 34237
88454 51840 29851 53863 92584 32277 04508 82813 29025 33338
72900 15074 56754 15977 56346 38714 79670 21521 03287 76251
77392 61396 85439 11149 03862 15901 88383 96989 69858 83437
94482 54279 38135 58425 26876 56292 02800 75748 33387 69727
04322 05870 73165 44971 44948 39870 55185 92271 49163
000 000

Courtesy Gert

M14 IA MCW / ICW Short 0

September 2026:

12211	0500z	22 Sep	952 (467 58) = 28854 22611….52717 57690 = 467 58 00000	Via SDR Japan	Gert	TUE
10243	0520z	22 Sep	952 (467 58) = 28854 22611….52717 57690 = 467 58 00000	Via SDR Japan	Gert	TUE
12211	0500z	28 Sep	952 (608 52) = 50968 13595….48306 92499 = 608 52 00000	Via SDR Japan	Gert	MON
10243	0520z	28 Sep	952 (608 52) = 50968 13595….48306 92499 = 608 52 00000	Via SDR Japan	Gert	MON

M14 12211 / 10243kHz 0500 / 0520z 22 September 2026

952 (R4m) 467 467 58 58 = =

28854 22611 80707 43730 56637 07914 19747 94120 24053 60084
71331 54673 73235 33852 06177 26893 71545 12944 23723 98988
26378 50906 24230 87299 00878 33078 88311 57355 30964 56156
18106 35520 55653 03377 66218 35370 72681 72869 71267 81294
22602 80872 84924 31801 76951 54417 71230 61323 08297 54528
40546 63821 06669 62155 30854 57256 52717 57690 = =

467 467 58 58 00000

Courtesy Gert

M14 **12211 / 10243kHz 0500 / 05.20z 28 September 2026**

952 (R4m) 608 608 52 52 = =

50968 13595 91590 39425 60465 63025 27686 60593 49760 26655
31112 01682 62761 68427 18639 06758 95961 26549 34984 42845
76634 73198 95116 30184 07917 08711 98930 34320 22983 01171
72953 93441 15476 07351 18809 79404 38410 35945 73092 15897
88705 39009 08374 02155 19561 42576 29984 15699 47847 52361
48306 92499 = =

608 608 52 52 00000

Courtesy Gert

M14a (2-Message Variant)

12211	0500z	23 Sep	952 (174 22) = 06846 41723….85329 63566 = 174 22	Via SDR Japan	Gert	WED
			952 (830 29) = 94925 58916….03045 56745 = 830 29 00000	Via SDR Japan	Gert	WED
10243	0520z	23 Sep	952 (174 22) = 06846 41723….85329 63566 = 174 22	Via SDR Japan	Gert	WED
			952 (830 29) = 94925 58916….03045 56745 = 830 29 00000	Via SDR Japan	Gert	WED

M14a 12211/10243kHz 0500z/0520z 23 September 2026

952 (R4m) 174 174 22 22 = =

06846 41723 79933 14541 52542 28327 65962 21724 33710 60735
62301 82242 67041 64178 78974 40526 21234 89932 86295 92846
85329 63566 = =

174 174 22 22

952 (R) 830 830 29 29 = =

94925 58916 81753 12329 82030 14110 14539 52829 29823 91535
54051 12606 41226 18488 75114 32539 29511 80629 77602 44789
94409 46328 26864 68657 70209 50855 93465 03045 56745 = =

830 830 29 29 00000

Courtesy Gert

M14 or Possible M24 ?

Peter, PoSW reports this transmission.

One example of what appeared to be M24 CW:-

10-Oct-26, Sat:- Having put a Lowe HF225 receiver on 17546 kHz in SSB mode at around 0925z in readiness – well before time - for the 1000z E07 was surprised to hear the following on the half-hour:-

0930 UTC, 17458 kHz, very strong CW starting up sending, "617 617 617 00000", single dash zero, thought this was M14 format but because it was fast probably M24. I haven't heard an M14 or an M24 for some considerable time. Selecting CW mode on the RX and tuning for a note that sounded about right gave a displayed frequency of 17.458 MHz.

Stopped after about four minutes, did not appear on the following Saturday 17-Oct, forgot to listen on the 24th.

Many thanks, Peter.

M23 O ICW

M23 very active, once again over this period. Our thanks to Ary, (AB), for finding the majority of these schedules & to Hiram who filled in some of the gaps in the schedules.

As usual with M23, transmissions are quite extensive with frequencies & schedules constantly changing. These logs present those monitored, although schedules may have been active prior to their discovery while others may have been missed. Schedules shown may not be complete.

7668	1059 – 1124z	01-02 Sep	00000 33333 55555 77777 (R25m)	AB/BR	TUE/WED
	1129 – 1154z	01 02 Sep	00000 33333 55555 77777 (R25m)	AB/BR	TUE/WED
5450	1630 (IP) – 1654z	01 Sep	00000 33333 55555 77777. It probably started at 1629z	AB	TUE
	1659z	01 Sep	Hourly beep	AB	TUE

Changed text and times for Wednesday

7668	0659z & 0729z	02 Sep	Text consisting of word list. Same sequence as used in June 2025	AB	WED

PORTE POINT SORTE ARBRE SUITE GARDE CHIEN SIGNE LIGNE MIEN PARTI SACRE MONDE TIEDE GUIDE METRE POUCE POULE REVER STADE TRAIN NOTRE VOTRE ENTRE CONTRE DESIR AIDES CONTER RENTE VOTER TENOR RIANT DATES VERRE LOUPE COUPE TERME DIUE DIETE DEMON CASER PRIMA MINE LINGE SINGE CHINE NICHE GRADE SITUE BARRE STORE GITON ORTER YAWLS AWACS CROWN KAWIS SWAGS WEDGE WAGON WRAPS AWELE KAYAK POEME AIKAI PODE GESTE HAIKU HYMNE LAMBE KAIKU RONDO ADIEU ELOGE BELL BOURG ESSEN HAMAH CITES TORUN MELUN TOURS NIMES NANCY (repeated)

4880, 5450, 7668		03 Sep	No activity/hourly beeps today	AB	THU

Back again on Friday, 04 September, with changed schedule

13958	1559 – 1624z	04 - 05 Sep	50505 55550 05550 05500 55005 (R25m)	AB	FRI/SAT
	1629 – 1654z	04 - 05 Sep	50505 55550 05550 05500 55005 (R25m)	AB	FRI/SAT

0000-1455z not monitored

13958	1459 – 1524z	05 Sep	50505 55550 05550 05500 55005 (R25m)	AB	SAT
	1529 – 1554z	05 Sep	50505 55550 05550 05500 55005 (R25m)	AB	SAT
	1659z	05 Sep	Hourly beep	AB	SAT
6223	1906z (IP)	04 Sep	Slow single numbers, then letters	E	FRI

An expanded schedule logged on Sunday, 06 September.

13958	0659 - 0724z	06 - 08 Sep	0 (R) 3 (R) 7 (R) (R25m)	AB/BR	SUN - TUE
	0729 - 0754z	06 - 08 Sep	0 (R) 3 (R) 7 (R) (R25m)	AB/BR	SUN - TUE
	0759 - 0824z	06 - 08 Sep	50505 55550 05550 05500 55005 (R25m)	AB/BR	SUN - TUE
	0829 - 0854z	06 - 08 Sep	50505 55550 05550 05500 55005 (R25m)	AB/BR	SUN - TUE
	1259z	06 Sept	Hourly beep	AB	SUN
	1459 - 1524z	06 - 13 Sep *	50505 55550 05550 05500 55005 (R25m)	AB/BR	SUN -
	1529 - 1554z	06 - 13 Sep	50505 55550 05550 05500 55005 (R25m)	AB/BR	SUN -
	1559 - 1624z	06 - 13 Sep	50505 55550 05550 05500 55005 (R25m)	AB/BR	SUN -
	1629 - 1654z	06 - 13 Sep	50505 55550 05550 05500 55005 (R25m)	AB/BR	SUN –

* Not heard on Tue 08 Sep

A change of times for the two earliest schedules on Wednesday, 09 September., along with the cessation of the 0759z & 0829z slots :-

13958	0959 - 1024z	09 – 10 Sep	0 (R) 3 (R) 5 (R) 7 (R) (R25m)	BR	WED -
13958	1029 - 1054z	09 – 10 Sep	0 (R) 3 (R) 5 (R) 7 (R) (R25m)	BR	WED -

Followed by some, seemingly, random transmissions – Although they may have been part of a schedule not found

7542	0752z (IP)	12 Sep	33333555557777700000 (R)	Good	Hiram	SAT
7542	0705 (IP) - 0720z	14 Sep	0 (R)	Extremely weak	BR	MON
7542	0851 (IP) – 0857z	12 Sep	Slow count 1-8		E	SAT
7963	1617z (IP)	12 Sep	5 letters		E	SAT
7668	1659 - 1724z	12 - 13 Sep	00000 33333 55555 77777 (R25m)		AB/E	SAT/SUN
7668	1729 - 1754z	12 Sep	00000 33333 55555 77777 (R25m)		AB	SAT
6961	1959 - 2024z	10 - 13 Sep	00000 33333 55555 77777 (R25m)		Anon via AB/E	THU/SUN
6961	2029 - 2054z	13 Sep	00000 33333 55555 77777 (R25m)		Anon via AB	SUN

Back to some longer running, regular transmissions. Pieced together over days to show an almost complete hourly series of schedules on a number of frequencies.

From his recordings, Ary has established the following start dates for the following schedules:-

4822 kHz was active from Monday, 28 September

5345 kHz was active from Tuesday, 22 September

9476 kHz was active from Monday, 21 September

6985	1717z (IP)	18 Sep	Slow 5 Letters	E	FRI
4822	0059 - 0124z	29 Sep - 03 Oct	3 (R25m)	AB	TUE/
4822	0159 - 0224z	29 Sep - 03 Oct	1 (R25m)	AB	TUE/
4822	0259 - 0324z	29 Sep - 03 Oct	1 (R25m)	AB	TUE/
5345	0559 - 0624z	28 Sep - 03 Oct	4 (R25m)	AB/Hiram	MON/
5345	0659 - 0724z	29 Sep - 03 Oct *	4 (R25m)	AB/BR/Hiram	TUE/
5345	0759 - 0824z	29 Sep - 04 Oct	1 (R25m)	AB/BR/Hiram	TUE/
5345	0859 - 0924z	29 Sep - 04 Oct	1 (R25m)	AB/BR	TUE/
9476	0959 - 1024z	28 Sep - 04 Oct	1 (R25m)	AB/BR/Hiram	MON/SUN
9476	1059 - 1124z	28 Sep - 04 Oct	1 (R25m)	AB/BR/Hiram	MON/SUN
11428	1159 - 1224z	26 Sep - 04 Oct	1 (R25m)	AB/BR	SAT/SUN
11428	1259 - 1324z	26 Sep - 03 Oct	4 (R25m)	AB/BR	SAT/SAT
11428	1359 - 1424z	27 Sep - 03 Oct	4 (R25m)	AB/BR/Hiram	SUN/SAT
11428	1459 - 1524z	27 Sep - 03 Oct	3 (R25m)	AB/BR	SUN/SAT
9811	1559 - 1624z	02 Oct - 03 Oct	2 (R25m)	AB/BR	FRI/SAT
9811	1659 - 1724z	02 Oct - 03 Oct	2 (R25m)	AB/BR	FRI/SAT
7542	1759 - 1824z	30 Sep - 03 Oct	2 (R25m)	AB/BR/Hiram	WED/SAT
7542	1859 - 1924z	01 Oct - 03 Oct	2 (R25m)	AB/BR	THU/SAT
9145	1915z	28 Sep	5 Letters	E	MON

* Not heard on Fri 02 Sep

This series ceased with the last transmission heard on 11428kHz at 1159z on Sunday, 04 October…

… & was followed by another series, starting with the discovery by Ary of 10916 kHz & 4444 kHz, then 5921 kHz & 7668 kHz by E & Hiram.
Schedules added as found:-

4444	0029 – 0054z	13 - 17 Oct	5 (R25m)		AB	TUE/SAT
4444	0059 – 0124z	09 - 17 Oct	5 (R25m)		AB	FRI/SAT
4444	0129 – 0154z	09 - 17 Oct	5 (R25m)		AB	FRI/SAT
4444	0159 – 0224z	13 - 17 Oct	5 (R25m)		AB	TUE/SAT
4444	0229 – 0254z	13 - 17 Oct	5 (R25m)		AB	TUESAT
5921	0459 - 0524z	09 - 17 Oct	5 (R25m)		AB/Hiram	FRI/SAT
5921	0529 - 0554z	09 - 17 Oct	5 (R25m)		AB	FRI/SAT
5921	0659 - 0724z	09 - 17 Oct	5 (R25m)		AB	FRI/SAT
5921	0729 - 0759z	09 - 17 Oct	5 (R25m)		AB	FRI/SAT
5921	0759 - 0824z	09 - 17 Oct	5 (R25m)		AB	FRI/SAT
5921	0829 - 0854z	09 - 17 Oct	5 (R25m)		AB	FRI/SAT
9886	0859 – 0924z	15 - 17 Oct	5 (R25m)		AB	THU/SAT
9886	0929 – 0954z	15 - 17 Oct	5 (R25m)		AB	THU/SAT
9886	0959 – 1024z	15 - 17 Oct	5 (R25m)		AB	THU/SAT
9886	1029 – 1054z	15 - 17 Oct	5 (R25m)		AB	THU/SAT
9886	1059 – 1124z	15 - 17 Oct	5 (R25m)		AB	THU/SAT
9886	1129 – 1154z	15 - 17 Oct	5 (R25m)		AB	THU/SAT
10916	1159 - 1224z	07 - 17 Oct *	5 (R25m)		AB/BR	WED/SAT
10916	1229 - 1254z	07 - 17 Oct *	5 (R25m)		AB/BR	WED/SAT
10916	1259 - 1324z	06 - 16 Oct	5 (R25m)		AB/BR	TUE/FRI
10916	1329 - 1354z	06 - 16 Oct	5 (R25m)		AB/BR	TUE/FRI
10916	1359 - 1324z	06 - 16 Oct *	5 (R25m)		AB/BR	TUE/FRI
10916	1359 - 1424z	06 - 16 Oct *	5 (R25m)	[Note 1]	AB/BR	TUE/FRI
10916	1429 – 1454z	10 - 16 Oct	5 (R25m)		AB/BR	SAT/FRI
10916	1459 – 1524z	06 Oct	5 (R25m)		AB	TUE

* Not heard Friday, 09 Oct

7668	1659 – 1724z	12 - 16 Oct	5 (R25m)		AB/BR/E	MON/FRI
7668	1729 – 1754z	14 - 16 Oct	5 (R25m)		AB/BR	WED/FRI
7668	1759 – 1824z	13 - 16 Oct	5 (R25m)		Hiram	TUE/FRI
7668	1829 – 1854z	13 - 16 Oct	5 (R25m)		AB	TUE/FRI
7668	1859 – 1924z	13 - 16 Oct	5 (R25m)		Hiram/E	TUE/FRI
7668	1929 – 1954z	13 - 16 Oct	5 (R25m)		AB	TUE/FRI
5921	1959 - 2024z	09 - 16 Oct	5 (R25m)		AB	FRI/FRI
5921	2029 - 2054z	09 - 16 Oct	5 (R25m)		AB	FRI/FRI
5921	2059 – 2124z	10 - 16 Oct	5 (R25m)		AB	SAT/FRI
5921	2129 – 2154z	10 - 16 Oct	5 (R25m)		AB	SAT/FRI
5921	2159 – 2224z	10 - 16 Oct	5 (R25m)		AB	SAT/FRI
5921	2229 – 2254z	10 - 16 Oct	5 (R25m)		AB	SAT/FRI
5921	2259 – 2324z	09 - 16 Oct	5 (R25m)		AB	SAT/FRI
5921	2329 – 2354z	09 - 16 Oct	5 (R25m)		AB	SAT/FRI

This series ceased with the last transmission heard on 10916kHz at 1229z on Saturday, 17 October…

[Note 1] A very weak transmission sending the continuous 5 was also heard just after 1400z & fleetingly at 1440z coming out the noise on Friday, 09 October. The use of a weaker transmission has been noted before with some M23 series, notably when a strong transmission followed by a weak one was used, alternating over several sequences.

… Finally, the month ended with this sequence of transmissions over three days.

10916	1452z (IP)	27 Oct	5 (R)	AB	TUE
7668	1759 - 1824z	27 Oct	5 (R 25m)	AB	TUE
7668	1829 - 1854z	27 Oct	5 (R 25m)	AB	TUE
5921	2259 - 2324z	28 Oct	5 (R 25m)	AB	WED
5921	2359 - 0024z	28 Oct	5 (R 25m)	AB	WED
4444	0059 - 0124z	28 Oct	5 (R 25m)	AB	WED
4444	0129 - 0154z	28 Oct	5 (R 25m)	AB	WED
5921	0659 - 0724z	28 Oct	5 (R 25m)	AB	WED
5921	0729 - 0754z	28 Oct	5 (R 25m)	AB	WED
5921	0759 - 0824z	28 Oct	5 (R 25m)	AB	WED
5921	0829 - 0854z	28 Oct	5 (R 25m)	AB	WED
9886	0859 - 0924z	28 Oct	5 (R 25m)	AB	WED
9886	0929 - 0954z	28 Oct	5 (R 25m)	AB	WED
9886	0959 - 1024z	28 Oct	5 (R 25m)	AB	WED
5450	1715z (IP)	28 Oct	5 (R)	AB	WED
5450	1959 - 2024z	28 Oct	5 (R 25m)	AB	WED
5450	2029 - 2054z	28 Oct	5 (R 25m)	AB	WED
5450	1659 - 1724z	29/31 Oct	5 (R 25m)	BR/AB	THU/SAT
5450	1729 - 1754z	29 Oct	5 (R 25m)	BR	THU

5450	1959 - 2024z	29 Oct	5 (R 25m)	BR	THU	
5450	2029 - 2054z	29 Oct	5 (R 25m)	BR	THU	

That winds up another very active two months from M23. Thanks to all who monitored the transmissions, particularly Ary, (AB), for the detailed schedules.

M32 Russian / CIS Ukrainian Military Nets FAPSI (Federal Agency for Government Communications & Information)

7542	1353 – 1405z	14 Sep	6EJL calling outstations	Weak/Fair	BR	MON

PD7U DE 6EJL R814? K
SSTB DE 6EJL R814? K
P5OH DE 6EJL R814 ? K
RPT K
RPT K
P5OH DE 6EJL R814 ? K
RPT K
KMAU DE 6EJL R814 ? K
6KBK DE 6EJL R814 K
6KBK RPT K
RSBF DE 6EJL R814 ? K
RPT K
KP3K DE 6EJL R814 ? K

7542	1538z	14 Sep	Message from 6EJL to 1FXV		AB	MON

V VV VV VV followed by 8 dots
1FXV DE 6EJl QTC K
6EJL 404 32 14 18 35 404 = 835 =
13997 55262 39767 31579 88474 28411 52155 04287 40633 23937
72751 74293 97620 43448 06225 98361 75001 18492 38129 70746
42176 64301 12875 23006 78136 42230 76652 48790 09090 14029
835 K

7542	1613 - 1617z	01 Oct	K3OB calling outstations	Fair	BR	THU

NUIK DE K3OB K
R K
QMQ3 DE K3OB K
R K
Y9OO DE K3OB K
R K
6P6Z DE K3OB K
BK RPT K
R K
PMS1 DE K3OB K
R K

Morse Stations - Not Number Related

M42 IC

M42 is a designation originally assigned by the original ENIGMA group & covered a number of formats & modes. The group of stations was later identified as belonging to the Russian government / intelligence / diplomatic services & as such was deleted from the ENIGMA Control List as being outside of the numbers station remit. However, the station still attracts interest and is regularly still monitored & will be featured in forthcoming newsletters.

Mode is Morse or Baudot ITA2 50/500, (RTTY - FSK) 3rd Cyrillic alphabet with Op. chat in CW both before & after the main message transmission.

Due to space constraints these logs show only main detail of the exchanges logged.

Ary, (AB), logged these example of the weekly exchange between the Ministry of Foreign Affairs in Moscow & The Russian Embassy in Havana, Cuba –

The exchange uses duplex frequency working, UAL – Moscow is shown in the left column, with UAG – Cuba in the right column.

UAL – Ministry of Foreign Affairs, Moscow, Russia UAG – Russian Embassy, Havana, Cuba Link ID 70103.

UAL - MFA Moscow working UAG – Russian Embassy Havana

16156 kHz 1300z 24 September FSK CW + FSK 75/500

UAL UAL UAL (followed by operator chat and a message).

11100 70103 24685 24123 04009
79133 90776 05504 05079 74578 14774 77230 11759 94987 85763
46324 75135 37258 03241 60344 58374 19044 39638 77217 04993
02337 01956 92186 67341 04641 31396 54693 84804 58680 45666
98653 28879 06587 53641 34533 57346 39493 97083 76690 44711
18469 99101 04407 81096 37753 24027 80038 56780 16200 78409
72746 74572 27890 07819 61222 57203 07833 69121 13858 41920
93713 82942 69794 79485 89605 95990 69287 79747 62595 07932
06827 70983 08254 42496 05445 65207 45896 67523 35655 46610
29560 93608 27462 25340 85647 06057 48867 23801 13163 09820
49319 87654 07482 92117 91547 38723 93606 32413 20206 11967
79810 14443 40771 43736 67650 19987 07139 03482 79252 09062
41341 86103 87821 16229 33832 07136 62317 17701 97783 67952
62219 48940 75812 83176 43334 77429 22593 87486 60569 60307
11786 64002 78626 41557 40718 61444 26531 68426 31255 92246
56951 31783 50306 28814 96247 60076 98388 40114 96168 21598
39700 35789 23156 14741 72134 09968 46177 50925 60672 01985
09038 59887 82590 16165 98094 72025 57924 67894 41326 57481
63621 48138 99682 26643 54825 23605 36660 21769 41723 14741
77031 54404 95402 18752 90685 68294 81142 69823 62485 32465
42589 53738 34116 94175 85244 19076 28827 46412 32711 52185
95033 89628 54128 08109 29701 92407 86232 14654 67445 80738
98492 91794 46301 10591 74744 53598 86085 03484 09760 84849
40293 49724 44211 09980 07472 09012 86434 93670 12998 63093
94460 48728 97210 00160 16727 29421 70822 35657 14926 41451
23553 99227 17416 02368 96933 42440 76637 22395 57194 47006
28969 97466 29197 38187 80466 31658 77334 33044 66910 31197
44347 78259 61616 37249 83978 57176 29433 89650 48423 70782
50365 38799 16494 22294 61272 47863 73448 60046 89057 52522
78415 58371 73817 70405 80356 41152 05347 77429 68497 77736
21483 93215 68173 05910 41687 42782 18019 61595 34325 86685
89446 19990 41075 36811 34342 77806 06905 99997 71926 31319
89045 16674 50712 29902 43413 86711 46494 09731 11907 99664
82314 37363 59028 11598 81339 17860 31242 35678 88578 47144
37542 38726 22395 13296 74640 60916 41734 76444 45221 00800
40013 81977 42700 32854 01612 86729 00927 49740 81894 02846
32264 46448 96704 89011 02482 88529 32272 43735 15913 31597
11466 80363 09287 84286 77334 88528 77708 31853 79867 11703
81188 62610 76912 95554 05187 64381 85203 86803 73594 83163
42405 87232 37596 61176 66146 92980 88844 96507 20957 70975
70395 91514 29050 60607 83825 82191 85893 91332 15990

UAG – Russian Embassy Havana working UAL - MFA Moscow

18726 kHz 1300z 24 September FSK CW + FSK 75/500

UAG UAG UAG (followed by operator chat and a message).

YRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

11100 70103 25196 24123 04003
30266 39472 43820 94169 99147 66102 15710 85486 05984 06133
18052 72893 45237 32142 90083 09292 39986 27378 62279 93224
88775 88730 14963 80682 18412 59489 85847 41545 59912 77824
56182 09089 89783 51922 70205 95990 03818 97731 67589 75286
15596 00229 33549 49693 96891 84169 96327 57761 02148 05243
26723 90271 44230 97570 19357 15328 13631 38505 60368 35578
58328 16633 11222 25998 66463 13948 63318 25687 19050 38126
43085 82094 04879 65821 72252 71136 14831 82949 12991 41619
57759 32872 52590 57422 65146 08433 07395 35873 76722 48777
50641 05742 24218 26894 93934 33320 55458 38819 77003 89982
65973 30439 45456 59707 30314 22820 21211 09965 50262 22023
95282 74427 62129 24317 97632 20935 70313 52750 23742 03144
99324 85995 22624 19311 81446 65430 75938 26647 22235 91366
22919 84666 11033 44384 10776 25983 68695 92697 75283 77982
49707 71495 81230 83812 40881 45190 77413 96129 23829 88517
45878 42031 93387 47415 50081 82619 49191 65630 11664 15636
02571 87984 70534 94591 65982 76238 07926 62844 17131 98487
37145 26056 54999 78034 91670 11460 89949 12668 65309 87387
35105 00295 84093 41487 91175 31851 14594 41066 41941 37441
38356 24004 02559 96629 47133 93669 87889 48842 38606 16275
93039 64788 17281 44115 03284 64869 30253 13119 75582 95485
92509 88153 58864 99199 81489 54527 45263 39682 05553 79110
69499 67373 76069 89532 98601 36821 37809 44876 79136 11596
37323 96319 34153 17759 33990 61151 27019 31793 83439 58602
34340 13945 48015 80936 95145 22918 13984 98229 28539 72848
20164 20277 36981 18503 27673 64064 37416 79639 85472 00252
87414 40465 71400 77089 98516 85122 13383 45218 53977 55161
20506 31784 73094 39909 78640 37305 89297 35694 90302 53734
34204 34854 63443 27150 44812 30464 78848 13506 36032 47730
90841 00896 05730 37975 40971 96754 64486 96162 89381 03434
07242 87890 93538 30602 69030 96802 89010 17891 31981 28337
51987 66243 75770 30765 48221 01377 88732 19457 98089 17824
81788 15299 12449 76973 72400 33217 78982 57549 30732 81726
03724 81976 05208 59461 37439 67054 69646 59614 41567 72390
59170 18216 73390 45022 87065 67209 95139 83669 59796 78241
36702 71051 32341 08115 66640 47709 71055 81841 51194 25769
16236 74223 05957 66087 61584 75916 69918 67204 92752 54893
56559 39560 52151 49264 61678 63399 22226 52378 32653 53800
44366 76141 28805 81280 15656 03510 27574 21392 30638 66063
56178 31774 60291 07627 53442 80071 85392 19859 91502

Courtesy AB

UAL - MFA Moscow working UAG – Russian Embassy Havana

16156 kHz 1300z 08 October FSK CW + FSK 50/500

UAL UAL UAL (followed by operator chat and a message)

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

11100 70103 25163 08131 04009
92681 03051 07631 34945 22329 81998 62463 42290 88542 78379
60285 57767 31651 91953 65496 06375 66652 22794 78833 68632
55310 50484 27090 97913 36534 04810 10349 25370 94765 26403
98923 13389 71023 40754 97198 43531 46329 94046 16545 49873
52166 24251 24508 33695 87691 65892 62456 20461 48365 11970
48865 45017 95695 81424 10448 75949 22784 65617 08287 15042
95358 52253 51190 32766 72987 50175 13428 25750 40146 63481
99061 07148 01847 88394 20039 65868 23496 31321 80242 55575
19685 71540 82685 99422 21591 16962 02044 21445 77676 26382
89700 40543 67383 96686 03500 88007 32495 38432 79399 34517
55867 88238 87197 37540 42210 31444 37539 45095 80602 33442
32368 16781 93439 03154 76033 48046 01489 37064 89219 08606
59745 17266 92905 30963 43786 61936 54523 09961 91282 51703
13510 99312 28393 80318 28451 16038 35696 03095 12983 88745
33366 81520 52660 10708 90272 47519 19960 83649 86695 35763
29628 63202 85336 57496 01535 41953 90326 14300 23242 31035
98898 75230 29469 26180 75435 65783 40631 69189 02556 42102
27657 40754 88951 48883 95254 45547 38638 84409 00831 75556
11330 21150 51236 62564 28607 55361 44528 55728 05576 84135
48950 85202 12705 33319 36297 97722 97519 84757 11862 75110
20854 76287 08160 71615 87336 72921 34604 31052 74802 32662
00324 69653 92322 15382 52322 35587 21526 08213 96142 81065
20919 65864 91255 07998 97873 89334 38327 73110 77982 91427
00576 63474 26466 22533 26403 78387 01312 55087 65470 78538
42847 50172 95427 88388 29418 54677 01478 62726 53878 02464
75946 53303 00553 17971 30077 36519 27391 45706 35205 88071
82974 54043 35523 15519 13082 86783 99611 84691 36480 60896
02930 00884 94661 33903 58445 30774 05173 89316 37606 76001
73257 13590 48819 34344 41486 63001 65646 09425 82054 43925
21891 54898 61458 54917 15763 64045 32202 64045 90321 40710
31258 19925 82369 12530 89952 19876 56991 72382 84954 83643
69924 58994 85071 06130 24954 12652 73540 87563 18509 66937
50477 64547 88653 62447 45208 90422 10667 93415 93140 38389
06383 23189 56873 25815 59492 29480 96236 83176 53992 65350
16944 16063 77961 46849 52542 33685 59856 03254 59350 42331
29520 50841 29080 27189 21078 76134 48812 70997 59921 39556
63024 82947 00956 35437 17365 36268 10310 69300 88843 37953
07689 38376 32136 79042 11558 26272 96699 38920 54344 47739
94362 42036 59850 04485 22100 90527 00060 37940 69669 21141
73523 89953 66792 59914 72515 07324 49588 73049 31148

UAG – Russian Embassy Havana working UAL - MFA Moscow

18726 kHz 1300z 08 October FSK CW + FSK 50/500

UAG UAG UAG (followed by operator chat and a message).

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

11100 70103 48625 08131 04003
31990 63412 48196 54846 48525 78092 51842 75355 17837 35332
75720 04546 19723 59095 39539 25350 65790 17159 05885 14227
30992 72542 06142 14526 39167 04965 26514 60321 01024 94503
45078 05455 27999 84649 15811 77400 70437 66946 60526 80-10
53523 54396 54661 19692 00401 35824 57842 44999 28929 28381
45185 53857 81495 70414 40240 98566 76344 21764 85546 83014
63834 63808 11719 51845 00085 16836 91003 02011 23430 15203
86247 71354 16138 10542 31216 83948 49809 92083 03691 056846
37913 43162 73797 97953 43883 75461 48988 49702 18227 08281
34123 58204 63063 85009 85086 72589 47551 43993 31381 04202
22627 85985 82120 00351 08501 05368 50882 12294 53338 77323
60336 62156 86578 18160 12607 38449 15311 60963 36279 74902
37165 13770 46018 92277 68130 92443 75715 07861 08765 45454
71110 42311 97215 12730 52819 78574 22493 85786 85716 52519
96439 61307 15597 80009 07823 05371 59062 50085 06998 70512
57569 38948 94573 32799 31572 24431 12521 41120 95701 05644
61155 95864 20921 57489 90444 99182 54582 74716 39061 44021
34341 85226 19630 34110 56849 37298 73607 52096 87175 90419
44223 18010 19879 64435 40928 05249 27687 26672 93779 06272
58706 21739 21215 65184 68105 73696 59627 19405 95208 15277
28211 17610 21938 23832 27486 06122 73536 68726 94954 00952
47520 99819 66331 87674 81789 31772 15767 16313 97827 03824
73517 83442 79950 19755 44496 18683 76519 97709 76137 17769
34063 84569 49013 89400 00253 14564 88647 08041 56659 16811
21950 89864 67232 01468 26728 34033 53443 79178 47690 96495
32019 93520 77403 88489 76219 71117 25617 16944 86579 19116
25412 08959 82068 24722 49600 87554 47593 36462 35817 90882
98784 31883 43741 52074 50011 01357 92880 81928 96548 02687
54363 21615 46852 66208 95173 57581 65859 55059 98256 15865
15266 10315 06951 77973 01715 35672 67166 85546 68831 01380
65761 25971 94041 72083 88539 16133 76116 88292 46320 26515
24374 56142 42512 12802 85478 25148 80623 47201 68780 58632
35156 66652 56121 26518 34315 80121 07052 75172 27969 02164
95399 53983 39307 04945 38121 03368 23617 05905 02374 33895
82640 33256 01750 51203 07924 36498 17612 06409 51611 34143
06456 76694 48120 15829 79251 05752 35131 41026 63691 58786
47328 01505 85293 71748 81343 39755 28276 99501 55309 40568
62167 92594 11498 37934 45072 57339 35451 04461 39530 78877
90059 15513 01920 11920 88015 05227 31322 68853 51083 56623
88810 59890 29627 92980 23071 64968 80824 62664 63322

Courtesy AB

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

3881//6825

1130 - 1206z	14 Oct	Mercredi- Leçon	13-2/1 Codé, 13-2/2 Clair, 13-2/3 Codé, 13-2/4 Clair (720 grps/hr)	BR	WED
1130 - 1156z	15 Oct	Jeudi- Leçon	14-2/1 Codé, 14-2/2 Clair, 14-2/3 Codé, 14-2/4 Clair (840 grps/hr)	BR	THU

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

3881	2210z	23 Sep	NCDHE MBCND LGPRO	Fast CW	Very strong	PLdn	WED

3881//6825

1947z	07 Oct	Non-stop 5-character groups composed of M51a messages		BR	WED

M89 O

This is a summary of activity from the M89 stations.

Traffic & Operator Chat from M89

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

3287.5	4062	5007	6429	7016	8134	9145	10086
3410	4119	5011	6495	7018	8765	9170	10332
3493	4217	5043	6521	7087		9200	10350
3568	4325	5128	6523	7192		9361	10575
3672	4393	5144	6565	7451			10717
3774	4442	5220	6619	7474			
3811	**4443**	5222	6644	7502			
3882	4485	**5248**	6666	7533			
	4487	5287	6698	7567			
	4488	5420	6701	7598			
	4527	5454	**6738**	7610			
	4537	5483	6801	7777			
	4599	5546	6805	**7857**			
	4604	5555	6814	7878			
	4612	5566	6821				
	4625	5567	6837				
	4628	5573	6853				
	4641	5630	6872				
	4652.5	5643	6907				
	4668	5660	6945				
	4681	5692					
	4888.5	5693					
	4907	5710					
	4911	5768					
		5813					
		5888					

New Scheds for Sep / Oct 2026: **From logs submitted from JPL**

8600//9251//13362	New frequency for this Round Slip	First heard 13 Sep	TG1Y (x3) DE X9FW (x2)
6701	New Round Slip & frequency	First heard 02 Oct	V HJRA (x1) KU4A (x3) DE AA8V
7911	New Round Slip & frequency	First heard 02 Oct	V HJRA (x1) KU4A (x3) DE AA8V
4806	New Frequency for this Round Slip	First heard 09 Oct	V HJRA (x1) KU4A (x3) DE AA8V
4836	New Frequency for this Round Slip	First heard 09 Oct	V HJRA (x1) KU4A (x3) DE AA8V
4922	New frequency for this Round Slip Replaces 4522 kHz	First heard 31 Oct	V TG1Y (x3) DE X9FW (x2)

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

4652.5	(In tfc)	1726z	24 Oct	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT	(Remote tuner Japan)	JPL	SAT
4888.5	(In tfc)	1153z	18 Sep	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT	(Remote tuner Japan)	JPL	FRI

Chart of M89 Freq & Call signs heard in Sep / Oct 2026 **New Scheds shown in Bold Type** **From logs submitted from JPL**

4922 1503z 31 Oct 26 V TG1Y (x3) DE X9FW (x2) M89 (Remote tuner Japan) JPL SAT
Note: New frequency. Replaces 4522.

Freq in KHz	Call Slip
3611	TG1Y (x3) DE X9FW (x2)
3611//5419	V TG1Y (x3) DE X9FW (x2)
3611//4522//5419	TG1Y (x3) DE X9FW (x2)
3611//4522//5419//6881	TG1Y (x3) DE X9FW (x2)
3611//4522//5419//**8600**//9251//13362	TG1Y (x3) DE X9FW (x2)
3611//4522//5419//9251	TG1Y (x3) DE X9FW (x2)
3833	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K
3833//5407	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K
4522	TG1Y (x3) DE X9FW (x2)
4806	**V HJRA (x1) KU4A (x3) DE AA8V**
4806//4836	**V HJRA (x1) KU4A (x3) DE AA8V**
4836	**V HJRA (x1) KU4A (x3) DE AA8V**
4860// 6840	V Q2M (x3) DE NYZ (x2)
4922	V TG1Y (x3) DE X9FW (x2)

Freq in kHz	Call Slip
5407	AA8V (x3) DE HJRA (x2) (R5) QSA ? K
5419	V TG1Y (x3) DE X9FW (x2)
5672	Y3JI DE N6WX (Repeated)
5672//7768	Y3JI DE N6WX (Repeated)
6701	**V HJRA (x1) KU4A (x3) DE AA8V**
6701//7911	**V HJRA (x1) KU4A (x3) DE AA8V**
6840//8290	VVV Q2M (x3) DE NYZ (x2) (R5) QSA ? K)
6865//9251	TG1Y (x3) DE X9FW (x2)
7015//9350	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K
7768	Y3JI DE N6WX (Repeated)
7911	**V HJRA (x1) KU4A (x3) DE AA8V**
8600//9251//13362	TG1Y (x3) DE X9FW (x2)
9251	V TG1Y (x3) DE X9FW (x2)
9251//13362	TG1Y (x3) DE X9FW (x2)
9544//10931	**Y3JI DE N6WX**

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.

3410	(In tfc)	1210z	20 Oct	(In tfc) - RMKS 4358 TO 4333 BT	(Remote tuner Japan)	JPL	TUE
3568	(In tfc)	1650z	14 Oct	NR 109/CCK CK 51 47 1015 0.50 RMKS 2385 TO 2426.... BT SVC NR 1100 BT RMKS 2385 TO 2426/2445 BT COMM/0130/331A/0385/2526 AR	(Remote tuner Japan)	JPL	WED
3611		1542z	26 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
3611//4522//5419		1208z	01 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1518z	02 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Hong Kong)	JPL	WED
		1426z	03 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		2103z	19 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1550z	20 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1343z	02 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
		1234z	03 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
		1535z	11 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
		1200z	12 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1100z	14 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
		1207z	20 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1708z	24 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
3611//4522//5419//6881							
		1111z	09 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
3611//4522//5419//**8600**//9251//13362							
		1122z	17 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	THU
		1106z	18 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
3611//4522//5419//9251							
		1113z	28 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
		1035z	06 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1046z	13 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
		1100z	23 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
3611//5419		1435z	31 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
3833		1532z	02 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	WED
3833//5407		1432z	03 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1128z	17 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1554z	20 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1118z	28 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
3882	(In tfc)	1435z	31 Oct	In tfc - RMKS 2555 TO 2355 BT	(Remote tuner Japan)	JPL	SAT
4217	(In tfc)	1443z	03 Sep	In tfc - Both stn on this freq F NR 05/EX 2243 RMKS 6899 TO 6894 BT PD2/CZ7 AR F NR 05/EX 2234 RMKS 6894 TO 6899 BT PD2/CZ7 AR	(Remote tuner Japan)	JPL	THU
4393	(In tfc)	1605z	23 Oct	F F NR 734/EX 0001 RMKS 7689 TO 7624 BT A2C3/KMY K F NR 734/EX 0003 RMKS 7624 TO 7689 BT A2C3/KMY K In tfc - Both stns on this freq	(Remote tuner Taiwan)	JPL	FRI
4443	(In tfc)	1300z	06 Oct	DE SY3C F NR 83/EX 2106 RMKS CQ BT F3K5/X6Q9 AR (x3) QSL ? (Remote tuner Japan) In tfc - All stns on this freq Outstations each QSL for msg		JPL	TUE
	4RIH	1112z	25 Oct	In tfc - DE 4RIH working outstations F F NR 97/EX 1916 RMKS CQ BT SJX5/X9O4 AR	(Remote tuner Taiwan)	JPL	SUN
4522		1549z	26 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
4527	(In tfc)	1216z	20 Oct	(In tfc) - RMKS 6576 TO 6538 BT	(Remote tuner Japan)	JPL	TUE
4537	(In tfc)	1130z	25 Oct	F F F NR 034/EX 1912 RMKS 7658 TO 7940 BT A3D5/XB42 AR (Remote tuner Taiwan) F F F NR 035/EX 1921 RMKS 7940 TO 7658 BT F4B5/C8G4 AR (Poor copy) In tfc Both stns on this freq		JPL	SUN
4551.5	(In tfc)	1233z	01 Sep	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M (Cont'd) (Remote Japan)		JPL	TUE
	(In tfc)	1730z	02 Sep	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT (Remote Taiwan)		JPL	WED
	(In tfc)	1128z	03 Sep	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M (Remote Taiwan)		JPL	THU
4652.5	**(In tfc)**	**1726z**	**24 Oct**	**ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT** (Remote Japan)		JPL	SAT
	(In tfc)	1219z	25 Oct	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT (Remote Japan)		JPL	SUN
	(In tfc)	1454z	31 Oct	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT (Remote Japan)		JPL	SAT
4806		**1538z**	**09 Oct**	**V HJRA (x1) KU4A (x3) DE AA8V**	(Remote tuner Japan)	JPL	FRI
		1554z	11 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	SUN
4806//4836		**1204z**	**12 Oct**	**V HJRA (x1) KU4A (x3) DE AA8V**	(Remote tuner Japan)	JPL	MON
		1548z	12 Oct	Into tfc - DE AA8V	(Remote tuner Japan)	JPL	MON
		1730z	14 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	WED

				NR 056 CK 499 21 1014 2000 NR 057 CK 499 21 1015 0.30 BT			
		1225z	20 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	TUE
		1617z	23 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	FRI
		1730z	24 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	SAT
		1216z	25 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	SUN
4836		**1542z**	**09 Oct**	**V HJRA (x1) KU4A (x3) DE AA8V**	(Remote tuner Japan)	JPL	FRI
		1458z	31 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	SAT
4860//6840		1235z	01 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1520z	02 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Hong Kong)	JPL	WED
		1120z	03 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	THU
		1420z	03 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1620z	03 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		1120z	13 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	SUN
		1120z	18 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	FRI
		1220z	18 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1520z	18 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	FRI
		1120z	28 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1220z	28 Sep	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		2020z	03 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1520z	09 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1620z	11 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1120z	13 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1135z	20 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1120z	25 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1720z	24 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1220z	25 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1120z	31 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1520z	31 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
		1720z	31 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
4888.5	**(In tfc)**	**1153z**	**18 Sep**	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT	(Remote tuner Japan)	JPL	FRI
	(In tfc)	2125z	19 Sep	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT	(Remote tuner Japan)	JPL	SAT
	(In tfc)	1556z	20 Sep	ABCDEFGHIJKLMNOPQRSTUVZYZ TAU34567DN III AS VA M BT	(Remote tuner Japan)	JPL	SUN
4909	(In tfc)	1608z	20 Sep	In tfc - RMKS 8094 TO 9333 BT - Perhaps other end of 4641kHz	(Remote tuner Japan)	JPL	SUN
4911	(In tfc)	1230z	20 Oct	F F F NR 3318/EX 2025 RMKS 8390 TO 8240 BT L2P4/U4Y5 AR K	(Remote tuner Japan)	JPL	TUE
4922		**1503z**	**31 Oct**	**V TG1Y (x3) DE X9FW (x2)** Note: New frequency. Replaces 4522. kHz	(Remote tuner Japan)	JPL	SAT
5011	(In tfc)	1019z	04 Oct	NR 020 CK 91 55 1004 1810 RMKS 1558 TO 1568 BT 3128 ck 59 nr In tfc - Both stns on this freq	(Remote tuner Japan)	JPL	SUN
5128	(In tfc)	1233z	20 Oc	F NR 1268 /EX 2031 RMKS 4408 TO 4403 BT DQ8/LM8 AR K NR 2447 CK 64 97 1020 RMKS 4403 TO 4408 BT In tfc - Both stns on this freq	(Remote tuner Japan)	JPL	TUE
5248	(In tfc)	1456z	13 Oct	F NR 0369/EX 1642 RMKS 9063 TO 7166 BT XJ2/Y.4 AR SK SK In tfc - Both stns on this freq	(Remote tuner Japan)	JPL	TUE
	(In tfc)	1130z	20 Oct	(In tfc) BT C.80/MBYJ AR QSY 83 QSY 83 VVV	(Remote tuner Japan)	JPL	TUE
5407		1432z	03 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	THU
		2130z	19 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SAT
	(In tfc)	1615z	20 Sep	In tfc - DE HIJA	(Remote tuner Japan)	JPL	SUN
		1555z	26 Sep	V AA8V (x3) DE HIJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
5419		1556z	26 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
5483	(In tfc)	1557z	26 Sep	NR 38 CK 71 59 0925 2357 RMKS 5463 TO 5433 BT	(Remote tuner Japan)	JPL	FRI
5521		1500z	02 Sep	V VJB (x3) DE VWM (x2) (R5) QSA ? K	(Remote tuner Vietnam)	JPL	WED
5546	(In tfc)	1212z	12 Oct	NR 1352 CK 14 1012 2000 RMKS 480229 TO 4804228 BT	(Remote tuner Japan)	JPL	MON
5566	(Into tfc)	1222z	12 Oct	(Into tfc - Both stns on this freq) BT AX7/WBO AR K NR 2357 CK 73 57 1012 1930 RMKS 8594 TO 7633 BT	(Remote tuner Japan)	JPL	MON
5567	(Into tfc)	1226z	12 Oct	NR 1234/EX 2028 RMKS 5611 TO 6211 BT ..3J/A6C9 BT	(Remote tuner Japan)	JPL	MON
5660	(In tfc)	1152z	26 Sep	NR 5025 CK 91 82 0925 1800 RMKS 5087 TO 3388 AR In tfc - Other stn on another freq)	(Remote tuner Japan)	JPL	FRI
5672		1228z	03 Oct	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	SAT
		1124z	20 Oct	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	TUE
5672//7768		2150z	19 Sep	Y3JI DE N6WX M89 (Cont'd)	(Remote tuner Japan)	JPL	SAT

5692	(In tfc)	1132z	18 Sep	In tfc - Both stns on this freq - RMKS .... TO 0607 BT	(Remote tuner Japan)	JPL	FRI
5768	(Into tfc)	1233z	12 Oct	Into tfc - Both stns on this freq NR 4851 CK 51 84 1012 .... RMKS 968. TO 95.. BT (Heavy QRM)	(Remote tuner Japan)	JPL	MON
6429	(In tfc)	1210z	03 Oct	NR 0310 CK 25 36 1003 0830 RMKS 1170 TO 1196 K	(Remote tuner Japan)	JPL	SAT
6495	(In tfc)	1101z	20 Oct	NR 234 CK 91 84 1020 1840 RMKS 5317 TO 3777 K In tfc - Other stns on another freq	(Remote tuner Japan)	JPL	TUE
6565	(In tfc)	1010z	02 Oct	F NR 1000/EX 18.. RMKS 2900 TO 1011 BT ..... AR F NR 1001/EX 1815 RMKS 1000 TO 2900 BT AW3TAQ4Y AR In tfc - Both stns on this freq	(Remote tuner Japan)	JPL	FRI
6644	(In tfc)	1010z	04 Oct	In tfc - 1004 1810 RMKS 6703 TO 1472 K	(Remote tuner Japan)	JPL	SUN
6698	(In tfc)	1106z	12 Oct	NR 3748/EX 1906 BT NJI4/P2C9 AR QSY 63 QSY 63 VVV	(Remote tuner Japan)	JPL	MON
6701		0958z	02 Oct	V HJRA (x1) KU4A HU4A KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	FRI
		1040z	06 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	TUE
6701	AA8V	1054z	20 Oct	In tfc - DE AA8V	(Remote tuner Japan)	JPL	TUE
		1048z	25 Oct	In tfc - DE AA8V	(Remote tuner Japan)	JPL	SUN
6701//7911		0850z	04 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	SUN
		1055z	12 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	MON
		1042z	13 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	TUE
		1017z	14 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	WED
		1108z	23 Oct	V HJRA (x1) KU4A (x3) DE AA8V Both freqs in tfc	(Remote tuner Japan)	JPL	FRI
		1126z	31 Oct	V HJRA (x1) KU4A (x3) DE AA8V	(Remote tuner Japan)	JPL	SAT
6738		1205z	09 Oct	NR 109 CK 21 25 1009 RMKS 442 T0 446 BT	(Remote tuner Japan)	JPL	FRI
	UQS4	1048z	12 Oct	In tfc - DE UQS4 , DNA3 - Both stns on this freq	(Remote tuner Japan)	JPL	MON
6801	(In tfc)	1123z	18 Sep	F F F F NR 2144/EX 1921 BT E8S0/ZBQ7 AR QSY 82 QSY 82 VVV	(Remote tuner Japan)	JPL	FRI
6805	(In tfc)	0845z	04 Oct	NR 3137/CCK CK 91 24 1004 1630 RMKS YZQR TO N7NN K In tfc - Both stns on this freq	(Remote tuner Japan)	JPL	SUN
6840//8290		1020z	12 Oct	VVV Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	MON
		1145z	14 Oct	VVV Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	WED
		1020z	25 Oct	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
6853	(In tfc)	0840z	04 Oct	In tfc - RMKS 3465 TO 3466 K	(Remote tuner Japan)	JPL	SUN
6865//9251		1032z	12 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	MON
6865//9251//13362		0838z	04 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
6907	5NID	1042z	03 Sep	In tfc - DE 5NID - Working stns on another freq F F NR 0424/EX 1840 RMKS CQ BT EIS/9OW AR	(Remote tuner Taiwan)	JPL	THU
7015//9350		1212z	01 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	TUE
		1028z	03 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Taiwan)	JPL	THU
		1010z	13 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	SUN
		1116z	18 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
		1055z	26 Sep	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	(Remote tuner Japan)	JPL	FRI
7108	(In tfc)	1113z	18 Sep	In tfc - RMKS CQ BT	(Remote tuner Japan)	JPL	FRI
7451	(In tfc)	1102z	12 Oct	NR 2749/EX 1900 BT H9Y4/U0M8 ARQS65 QSY 65 VVV	(Remote tuner Japan)	JPL	MON
7502	(In tfc)	1136z	12 Oct	In tfc - RMKS 7793 TO 7790 BT	(Remote tuner Japan)	JPL	MON
7533	3RKK	1040z	20 Oct	In tfc - DE 3RKK Other stns on another freq	(Remote tuner Japan)	JPL	TUE
7567	6GHM	1037z	14 Oct	In tfc - Control stn 6GHM working outstations on another freq F NR 0890/EX 1841 RMKS CQ BT 7AS/6QW AR (x3)	(Remote tuner Japan)	JPL	WED
7598	(In tfc)	1112z	13 Oct	F F F NR 2804/EX 1912 BT G5B1/WBS7 AR (x 3) QSY LW (x2) VVV	(Remote tuner Japan)	JPL	TUE
7768		1115z	02 Oct	Y3JI DE N6WX (Repeated)	(Remote tuner Japan)	JPL	FRI
7777	(In tfc)	1112z	26 Sep	FF NR 1351/EX 1930 RMKS 8074 TO 8517 BT ABC1/DEF2 AR FF NE 12515/EX 1931 RMKS 8510 TO 8... BT ABC1/DEF2 AR NR 1352 CK 79 53 2 9 430 RMKS 8073 TO 8618 BT	(Remote tuner Japan)	JPL	FRI
7857	(In tfc)	1058z	12 Oct	In tfc - RMKS 8445 TO 5625 - Both stns on this freq	(Remote tuner Japan)	JPL	MON
7911		**1112z**	**02 Oct**	**V HJRA (x1) KU4A HU4A KU4A (x3) DE AA8V**	(Remote tuner Japan)	JPL	FRI
		0940z	04 Oct	V HJRA (x1) KU4A (x3) DE AA8V F F F CQ 330675 8515/8777 COMM 45395/8515/1855/202/X088 /0675 AR (x3)	(Remote tuner Japan)	JPL	SUN
		1043z	25 Oct	In tfc - DE AA8V	(Remote tuner Japan)	JPL	SUN

8600//9251//13362	1005z	13 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Taiwan)	JPL	SUN
8765 BS3N	1100z	13 Oct	BS3N (Cont'd) F F F NR 3197/EX 1900 BT T4G0/Z3D2 AR (x3) QSY 61 (x2) VVV	(Remote tuner Japan)	JPL	TUE
9251	0954z	14 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	WED
	0956z	20 Oct	V TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	TUE
	1116z	31 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SAT
9251//13362	1038z	03 Sep	TG1Y (x3) DE X9FW (x2)	(Remote tuner Taiwan)	JPL	THU
	1019z	02 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	FRI
	1028z	25 Oct	TG1Y (x3) DE X9FW (x2)	(Remote tuner Japan)	JPL	SUN
9361 (In tfc)	1059z	02 Oct	In tfc - RMKS 3860 TO 3940 K	(Remote tuner Japan)	JPL	FRI
9544//10931	**1048z**	**02 Oct**	**Y3JI DE N6WX M89 (Repeated)**	(Remote tuner Japan)	JPL	FRI
	0909z	04 Oct	Y3JI DE N6WX M89 (Repeated)	(Remote tuner Japan)	JPL	SUN
	1010z	20 Oct	Y3JI DE N6WX M89 (Repeated)	(Remote tuner Japan)	JPL	TUE
10086 (In tfc)	1256z	01 Sep	F F NR 2359 0329 RMKS 5750 TO 3644 BT C4O0/R4L2 AR	(Remote tuner Japan)	JPL	TUE
10575 (In tfc)	1042z	26 Sep	Outstations QSL NR 1843 From Y7GH which is on another freq	(Remote tuner Japan)	JPL	FRI

M95 / Q26 O

M95 Morse Logs **(Bold type indicates new logging)**

3589.25 (In tfc)	1742z		31 Oct	In tfc Q26	(Remote tuner Thailand)	JPL	SAT
3692.15 (In tfc)	1252z		03 Oct	In tfc - OTA 1200z Q26	(Remote tuner Japan)	JPL	SAT
3903	Call Sign HBDD (x2)			Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz			
	1545z		26 Sep	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	FRI
	1432z		13 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	TUE
3903//6886	Call Sign HBDD			Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz			
	1308z		01 Sep	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
				VVV SVC NR 008 2105 RMKS 1527 TO 1578 BT COMM/2145/38/1578/1100 AR			
	1533z		02 Sep	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Hong Kong)	JPL	WED
	1437z		03 Sep	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	THU
	1510z		18 Sep	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	FRI
				SVC NR .... COMM/210/2340/Y65/1..0/1148 AR (Very weak)			
	2105z		19 Sep	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SAT
	1552z		20 Sep	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SUN
	2032z		03 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SAT
	1518z		09 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	FRI
	1532z		11 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SUN
	1605z		12 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	MON
	1640z		14 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	WED
	1515z		23 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	FRI
	1712z		24 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SAT
	1445z		31 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SAT
4156	Call Sign MS18						
	1205z		20 Oct	In tfc - NR 40 CK 203 35 1020 1523 BT	(Remote tuner Japan)	JPL	TUE
4156//6352//9042	Call Sign **MS18**						
	1150z	(Into M95)	03 Sep	NR 096 CK 43 35 0903 1454 BT NR 06 CK 113 35 0903 1546 BT	(Remote tuner Japan)	JPL	THU
	1144z		13 Sep	In V26 - Into M95 NR 017 CK 46 35 0913 1508 BT NR 064 CK 18 35 0913 1517 BT NR 26 CK 171 35 0913 1520 BT	(Remote tuner Japan)	JPL	SUN
	1145z		15 Sep	In Q26 - Into M95 NR 021 CK 25 35 0915 1446 BT NR 30 CK 98 35 0915 1456 BT	(Remote tuner Japan)	JPL	TUE
	1157z	(In M95)	17 Sep	NR 34 CK 111 35 0917 1526 BT	(Remote tuner Japan)	JPL	THU
	1148z		18 Sep	In V26 - Into M95 - 1149z NR 36 CK 093 35 0918 1454 BT	(Remote tuner Japan)	JPL	FRI
	1114z		28 Sep	Into V26 - Into M95 - 1151z NR 047 CK 47 35 0928 1438 BT NR 56 CK 161 35 0928 1525 BT	(Remote tuner Japan) **Note: I have finally got the call sign for this sked - MS18**	JPL	MON
	1140z		02 Oct	Into V26 - Into Q26 -1142z - Into M95 - 1149z NR 055 CK 36 35 1002 1441 BT NR 04 CK 168 35 1002 1534 BT	(Remote tuner Japan)	JPL	FRI

	1218z	(In M95) 03 Oct	NR 024 CK 28 35 1003 1644 BT		(Remote tuner Japan)	JPL	SAT	
		1143z	09 Oct	In Q26 -1142z - Into M95 - 1149z NR 069 CK 27 35 1009 1439 BT NR 18 CK 101 35 1009 1536 BT	(Remote tuner Japan)	JPL	FRI	
		1144z	09 Oct	Into Q26 - Into M95 - 1152z NR 075 CK 26 35 1012 1442 BT NR 24 CK 240 35 1012 1531 BT	(Remote tuner Japan)	JPL	MON	
		1145z	25 Oct	In Q26 - Into M95 - 1150z NR 098 CK 15 35 1025 1521 BT NR 002 CK 49 35 1025 1625 BT NR 50 CK 151 35 1025 1711 BT	(Remote tuner Japan)	JPL	SUN	
		1148z	31 Oct	In Q26 - Into M95 - 1151z NR 014 CK 70 35 1031 1523 BT NR 62 CK 214 35 1031 1549 BT	(Remote tuner Japan)	JPL	SAT	
4225//6516//9392		**Call Sign XS24**						
	(In tfc)	0918z	04 Oct	NR 895 CK 160 35 1004 1542	(Remote tuner Japan)	JPL	WED	
4378.10	(In tfc)	1518z	23 Oct	Q26	(Remote tuner Japan)	JPL	FRI	
4541.75	(In tfc)	1603z	01 Sep	In tfc - OTA 1606z Q26	(Remote tuner Japan)	JPL	TUE	
4542//6876		Call Sign XS30						
		1131z	03 Sep	Into Q26 - Into M95 - 1145z - BNGC DE XS30 Note: 6876 did not go into Q26. After Q26 on 4542, only 6876 went M95. No msg copied due to QRM	(Remote tuner Taiwan)	JPL	THU	
		1130z	13 Sep	Into V26 - Into Q26 - 1131z - Into M95 - 1141z NR 0804 CK ... 35 903 1615 BT	(Remote tuner Japan)	JPL	SUN	
		1131z	28 Sep	Into Q26 - Into M95 - 1133z - BNGC DE XS30 NR 0835 CK 079 35 0928 1535 BT	(Remote tuner Japan)	JPL	MON	
		1131z	02 Oct	Into Q26 - Into M95 - 1139z - BNGC DE XS30 NR 0843 CK 308 35 1002 1610 BT	(Remote tuner Japan)	JPL	FRI	
		1131z	09 Oct	In Q26 - Into M95 - 1141z - BNGC DE XS30 NR 0868 CK 235 35 1009 1612 BT (Very weak)	(Remote tuner Japan)	JPL	FRI	
		1135z	25 Oct	In Q26 - Into M95 - 1141z - BNGC DE XS30 NR ..90 CK 4.. 35 1025 1612 BT	(Remote tuner Japan)	JPL	SUN	
		1132z	31 Oct	Into Q26 - Into M95 - 1143z - BNGC DE XS30 Too weak to copy msg	(Remote tuner Japan)	JPL	SAT	
4619.25	(In tfc)	1142z	20 Oct	In tfc - 1148z - Cont'd Q26	(Remote tuner Japan)	JPL	TUE	
5132	(In tfc)	1624z	23 Oct	NR 009/CCK CK 91 03 1025 0000 RMKS 4273 TO 4252 TO 4258 TO 4250 TO 3633 TO 4256 TO 4295 TO 4299 TO 4253 TO 4290 TO 4251 TO 4254 TO 4255 TO 4257 TO 4273 BT	(Remote tuner Taiwan)	JPL	FRI	
5232	(In tfc)	1630z	23 Oct	(In tfc - To weak copy) M95	(Remote tuner Taiwan)	JPL	FRI	
5411	RA5C	1142z	18 Sep	DE RA5C NR 2019/CCK CK 91 24 0918 1933 RMKS 4325 TO 9420 K In tfc - Both stns on this freq)	(Remote tuner Japan)	JPL	FRI	
5462	7C4M	1733z	02 Sep	In tfc - 0WBX DE 7C4M F F F NR 028/EX 0132 BT F2L8/K9X2 AR NR 732/CCK CK 141 24 0904 0145 RMKS EEGG TO EVD8 K	(Remote tuner Taiwan)	JPL	WED	
5555		1208z	25 Oct	NR 001/CCK CK 141 24 025 2005 RMKS 7652 TO SS4A K In tfc - Both stns on this freq	(Remote tuner Japan)	JPL	SUN	
5565.75		1215z	12 Oct	Into tfc Q26	(Remote tuner Japan)	JPL	MON	

5672	(In tfc)	1124z	23 Oct	NR .../CCK CK ..121 10 2319 05 RMKS 1715 TO 1737 1834 1.99 K (Remote Japan)		JPL	FRI
5754.25	(In tfc)	1203z	25 Oct	In tfc - OTA 1205z Q26	(Remote tuner Japan)	JPL	SUN
5756.75	(In tfc)	1115z	12 Oct	In tfc - OTA - 1124z Q26	(Remote tuner Japan)	JPL	MON
	(In tfc)	1106z	20 Oct	In tfc - 1123z Q26	(Remote tuner Japan)	JPL	TUE
	(In tfc)	1124z	23 Oct	In tfc Q26	(Remote tuner Japan)	JPL	FRI
6218.75	(In tfc)	1102z	03 Sep	In tfc - OTA 1125z Q26	(Remote tuner Taiwan)	JPL	THU
	(In tfc)	1128z	18 Sep	In tfc - OTA 1129z Q26	(Remote tuner Japan)	JPL	FRI
6248.75	(In tfc)	1110z	12 Oct	In tfc - OTA - 1112z Q26	(Remote tuner Japan)	JPL	MON
6251.25	(In tfc)	1515z	13 Oct	In tfc - OTA 1520z Q26 **Full transcript below**	(Remote tuner Japan)	JPL	TUE
6352	(In tfc)	1145z	26 Sep	In tfc Q26	(Remote tuner Japan)	JPL	FRI
6389	(In tfc)	1120z	23 Oct	NR 068/CCK CK 91 24 1023 1900 RMKS SYS2 TO KKY. K (Remote tuner Japan) In tfc - Both stns on this freq		JPL	FRI
6427	(In tfc)	1139z	26 Sep	In tfc - OTA 1140z - Into unkn Digital mode OTA - 1142z Q26 (Remote Japan)		JPL	FRI
6427.25	(In tfc)	1127z	13 Oct	In tfc - OTA 1129z Q26	(Remote tuner Japan)	JPL	TUE
6557		Call Sign HBDD		Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz			
		1111z	18 Sep	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
		1208z	03 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SAT
		1009z	04 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SUN
		1040z	12 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	MON
6557//11475		Call Sign HBDD		Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz			
		1205z	01 Sep	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
		1105z	13 Sep	V WCJJ (x3) DE HBDD (x2) NR 0801 1527 TO 1187 COMM 1830/Z3/38/RM527/11705 AR (Very weak)	(Remote tuner Japan)	JPL	SUN
		1128z	15 Sep	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
		1115z	28 Sep	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	MON
		1005z	02 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
		1030z	06 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
		1115z	09 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
		1050z	13 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
		0952z	14 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	WED
		0959z	20 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	TUE
		1104z	23 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	FRI
		1035z	25 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SUN
		1112z	31 Oct	V WCJJ (x3) DE HBDD (x2)	(Remote tuner Japan)	JPL	SAT
6620	(In tfc)	1203z	03 Oct	In tfc - M95	(Remote tuner Japan)	JPL	SAT
6654.75	(In tfc)	1157z	03 Oct	In tfc - OTA 1200z Q26	(Remote tuner Japan)	JPL	SAT
6696	(In tfc)	1110z	23 Oct	NR 3256/EX 1909 BT G3HO/J8K5 BT QSY 69 QSY 69 VVV (Remote tuner Japan)		JPL	FRI
7109	(In tfc)	1219z	17 Sep	NR 686/CCK CK 91 84 0917 1950 RMKS 9811 TO 9459 K (Remote tuner Japan) (In tfc - Other stn on another freq)		JPL	THU
7376	(In tfc)	1044z	20 Oct	NR 150/CCK CK 49 44 1020 1843 RMKS 5015 TO 5368 BT (Remote tuner Japan)		JPL	TUE
7680.75	(In tfc)	1019z	14 Oct	In tfc - OTA 1033z - Cont'd Q26	(Remote tuner Japan)	JPL	WED
8207	(In tfc)	0934z	04 Oct	NR 080/CCK CK 39 .. 1004 .... RMKS ..34 TO 6630 BT (Remote tuner Japan)		JPL	SUN
9135	(In tfc)	1150z	17 Sep	NR ..../CCK CK 31 ..... RMKS 3966 TO 390. K (Very weak) (Remote tuner Japan) In tfc - Both stn on this freq		JPL	THU
11475		Call Sign HBDD		Replaced YHXD DE SAQC on 3968, 6936, 5479 & 10722kHz			
		1035z	03 Sep	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Taiwan)	JPL	THU
		1115z	17 Sep	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	THU
		0900z	04 Oct	V WCJJ (x3) DE HBDD (x2) (Cont'd)	(Remote tuner Japan)	JPL	SUN

M95 6251.25kHz 1515z (IP) 13 Oct 2026

K10X K10X K10K DE SKOK SK0S
XYXYXYXYXY CY GD QSL 2315 AHR HR NR 498- /
YSK0S SKP K10X K10X K10X
SK0S SK0S SK0S DE K10X K10X K10X
SK0S SK0S SK0S DE K10X XYXY GD BOZ NIL
$?"I
K10X K10X K10X DE SK0S SK0S SK0
K10X K10PDE SK0S SPS
K10X K10X K10X DE SK0SS SK0S
XYXYXYXYXY BOZ NIL OM
K10X K10X K10X DE SK0S S0S QSA?
K10X K10X K10X DE SK0S SK0S SK0S QSA? ///
K10X K10X K10X DE SK0S SK0S SK0
SK0S SK0S SK0S DE K10X K10X K10X
SK0S SK0S SK0S DE K10X K10X K10X
SK0S SK0S SK0S DE K10X K10X K10X
XYXYXYXYXY QSA3 QSA?
IEC 12 34 ///
,
K10X K10X K DE SK0S SK0S SK0S
K10X K10X K10X DE SK0S SK0S SK0S
K10X K10X K10X DE SK0S SK0S SK0S
XYXYXYXYXY QSA3
IEC 56 78 /
SK0S SK0S SK0S DE K10X K10X K10X
SK0S SK0S SK0S DE K=0X K10X K10X
SK0S SK0S SK0S DE K10X K10X K10X
XYXYXYXYXY HR MSG GA
255=CCK 192 24 11WEQI (This is M95 message format)
4BHK---AH7X
1768 0578 2939 1234 9072 9040 0284 2592 0000 0000
3871 7108 1825 6062 1308 4283 1507 5330 9068 3826
3116 3836 4914 7721 5431 4697 9382 76
5272 6758 2141 2320 8653 1484 3071 2196 8050 0620
6592 8508 8968 2986 6853 5990 6446 0242 6497 7904
9662 1576 7848 5682 6453 2709 5720 9486 8797 0930
3603 5368 8456 0546 5736 5136 0272 2496 6858 0331
1861 1612 8843 5837 4663 3940 4148 0829 8
QEUE EYUY RUWP TPTY WYOT PIEP TOWY EYPI
5039 4074 2108 7731 2525 1871 9786 0989 4360 8751-1
9463 0767 2996 5793 7373 0720 1823 2381 0000 0000
9623 3424 5129 5164 7276 3872 9070 2470 9131 7859
9372 7591 3453 2769 8701 6912 3701 9327 6884 3224
1464 6130 6358 7190 0852 1948 4287 2519 9110 4
TWQ OWOY WYPE PEIP TRWY RYIU IQET QTRE TPRP ETIE
7126 7904 4858 0370 2098 5257 0506 2860 2851 6825
E QWRE WEPR YIPU IOTU RERI TRRT EQUI QOUR
4260 6286 0115 4953 5663 2931 4606 9506 3626 6264
3401 4532 9174 1073 5410 8913 3430 9183 8324 6510
5681 4508
QSL?QSL?QSL?QSL? NR 498 /
QSL?QSL?QSL?GK DE SK
K10K10X K10K DE SK0S SK0S SK0S
XYXYXYXYXY CY GD QSL 2 (Cont ->)

(Cont ->)

SK0S SKK0S DE K10X K10X K10X
SK0S SK0S SK0S DE K10X K10X K10X
SK0S SK0S0S DE K10X K10YXYXYXYXY
GD BOZ NILSK10X K10X K10X DE SK0S SK0S SK0S
K K10X DE SK0S SK0S SK0S
K10X K10X K10X DE SK0S SK0S SK0S
YXYXYXYXY BOZ NIL SK /
K10X K10X K10X DE SK0S SK0S SK0S QSAX//
KX K10X K10X DE SK0S SK0S SK0S QSA? ///
K10X K10X K10X DE SK0S SK0S SKDPS QSA? ///
SK0S SK0S SK0S DE K10X K10X K10X
SK0S SK0S SK0SX K10X K10X
SK0S SK0S SK0S DE K10X K10X K10X
XYXYXYXYXY QSA3 QSA?
IEC 12 34 ///
K10X K10X KDE SK0S SK0S SK0S
K10X K10X K10X DE SK0S SK0S SK0S
K10X K10X K10X DE SK0S SK0S SK0S
XYXYXYXYXY QSA3
IEC 56 78 /
SK0S SK0S SK0S DE K10X K10X K10X
SK0S SK0S SK0S DE K10X K10X K10X
SK0S SK0S SK0S DE K10X K10X K10X
XYXYXYXYXY HR MSG GA
255=CCQI
4BHK---AH7X
1768 0578 2939 1234 9072 9040 0284 2592 0000 0000
3871 7108 1825 6062 1308 4283 1507 5330 9068 3826
3116 3836 4914 7521 543ETYP IEYR
5272 6758 2141 2320 8653 1484 3071 2196 8050 0620
6592 8508 8968 2986 6853 5990 6446 0242 6497 7904
9662 1576 7848 5682 6453 2709 5720 9486 8797 0930
3603 5368 8456 0546 5736 5136 0272 2496 6858 0331
1861 1612 8843 5837 4663 3940 4148 08!9 8EUWP TPTY WYOT PIEP TOWY EYPI
O RPUR WQPI UUEQ WTWT QIUQ OUIY POIO REYP IUTQAQ
9463 0767 2996 5793 7373 0720 1823 2381 0000 0000
9623 3424 5129 5164 7276 3872 9070 2470 9131 7859
9372 7591 3453 2764 8701 6912 3701 9327 6884 EP
YETI UQOP PITW QORI RWIU WTQO OQQP RYOI
4521 9296 2603 0380 5426 4687 8135 1543 5040 3583
7126 7904 4858 0370 2098 5257 0506 2860 2851 6825
1003 1243 2304 6807 8957 4348 5E QOUR
4260 6286 0115 4953 5663 2931 4606 9506 3626 6264
340TEW OQUR QPUE TRQP IOQE EREP OQIE IEWR YTQP
5681 4508
QSL?QSL?QSL?QSL? NR 498 /
QSL?QSL?QSL?GPSK0S SK0S
10X K10K DE SK0S SK0S SK0S
XYXYXYXYXY CY GD QSL 231

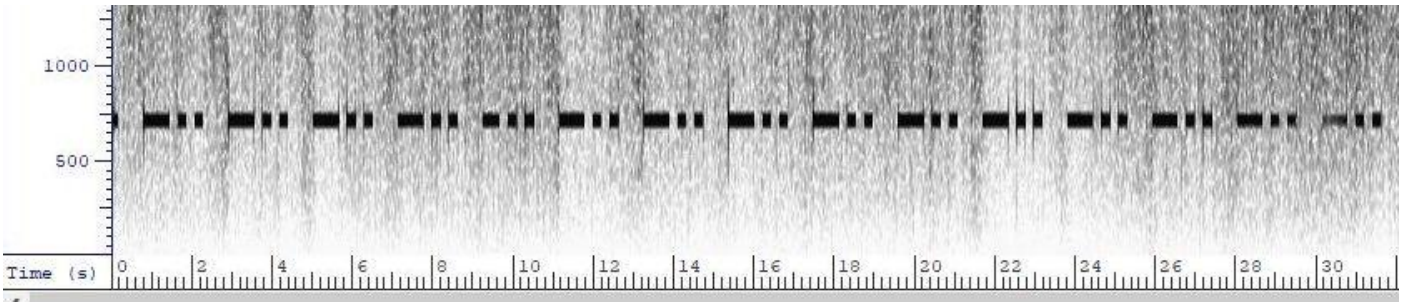
Both stations were on the same frequency.

Courtesy JPL

Marker Beacons (MX MXI)

5153.7	1908z	10 Sep	MXI	CW Beacon "D"	Sevastopol	Fair	BR	THU
	2052z	19 Oct	MXI	CW Beacon "D"	Sevastopol	Weak	BR	MON
5153.9	1907z	10 Sep	MXI	CW Beacon "S"	Severomorsk	Fair	BR	THU
	2053z	19 Oct	MXI	CW Beacon "S"	Severomorsk	Fair	BR	MON
5154.1	1908z	10 Sep	MXI	CW Beacon "A"	Astrakhan	Weak	BR	THU
	2053z	19 Oct	MXI	CW Beacon "A"	Astrakhan	Weak	BR	MON
5156.8	1910z	10 Sep	MX	CW Beacon "L"	St Petersburg	Fair under Digital QRM	BR	THU
	0831z	18 Oct	MX	CW Beacon "L"	St Petersburg	Faulty? V.Weak	BR	SUN
					Sending a dash & 5 dits after every fifth 'L'			
	2054z	19 Oct	MX	CW Beacon "L"	St Petersburg	Back to normal sending	BR	MON
7508.7	2255z	09 Sep	MXI	CW Beacon "D"	Sevastopol		PLdn	WED
	1912z	10 Sep	MXI	CW Beacon "D"	Sevastopol	Good	BR	THU
	0801z	16 Sep	MXI	CW Beacon "D"	Sevastopol	Weak	BR	WED
	0730z	18 Oct	MXI	CW Beacon "D"	Sevastopol	Fair	BR	SUN
	2056z	19 Oct	MXI	CW Beacon "D"	Sevastopol	Good	BR	MON
7508.9	1912z	10 Sep	MXI	CW Beacon "S"	Severomorsk	Fair	BR	THU
	0730z	18 Oct	MXI	CW Beacon "S"	Severomorsk	Weak	BR	SUN
	2056z	19 Oct	MXI	CW Beacon "S"	Severomorsk	Fair	BR	MON
8494.7	0728z	18 Oct	MXI	CW Beacon "D"	Sevastopol	Weak under digital QRM	BR	SUN
8494.9	1915z	10 Sep	MXI	CW Beacon "S"	Severomorsk	Good under digital QRM	BR	THU
	0800z	16 Sep	MXI	CW Beacon "S"	Severomorsk	Weak under digital QRM	BR	WED
8495.3	1037z	21 Sep	MXI	CW Beacon "K"		Via SDR Japan Fair	BR	MON
8495.4	1040z	21 Sep	MXI	CW Beacon "M"	Magadan	Via SDR Japan Weak	BR	MON
8497.8	1914z	10 Sep	MX	CW Beacon "L"	St Petersburg	Fair	BR	THU
	0757z	16 Sep	MX	CW Beacon "L"	St Petersburg	Fair	BR	WED
	0722z	18 Oct	MX	CW Beacon "L"	St Petersburg	Faulty? Fair	BR	SUN
					Sending a dash & 5 dits after every fifth 'L'			
10871.7	1916z	10 Sep	MXI	CW Beacon "D"	Sevastopol	Fair	BR	THU
	0720z	18 Oct	MXI	CW Beacon "D"	Sevastopol	Fair	BR	SUN

10871.8	0753z	16 Sep	MXI	CW	Beacon	"P"	Kaliningrad		Fair	BR	WED
10871.9	1916z	10 Sep	MXI	CW	Beacon	"S"	Severomorsk		Fair	BR	THU
	0754z	16 Sep	MXI	CW	Beacon	"S"	Severomorsk		Fair	BR	WED
	072oz	18 Oct	MXI	CW	Beacon	"S"	Severomorsk		Weak	BR	SUN
10872	1917z	10 Mar	MXI	CW	Beacon	"C"	Moscow		Weak	BR	THU
	0719z	18 Oct	MXI	CW	Beacon	"C"	Moscow		Weak	BR	SUN
10872.1	2058z	19 Oct	MXI	CW	Beacon	"A"	Astrakhan		V.Weak	BR	MON
10872.3	1033z	21 Sep	MXI	CW	Beacon	"K"		Via SDR Japan	V.Weak	BR	MON
10872.4	1033z	21 Sep	MXI	CW	Beacon	"M"	Magadan	Via SDR Japan	Weak	BR	MON
13527.7	1919z	10 Sep	MXI	CW	Beacon	"D"	Sevastopol		Good	BR	THU
	0716z	18 Oct	MXI	CW	Beacon	"D"	Sevastopol		V.Weak	BR	SUN
13527.8	0751z	16 Sep	MXI	CW	Beacon	"P"	Kaliningrad		Fair	BR	WED
13527.9	1920z	10 Sep	MXI	CW	Beacon	"S"	Severomorsk		Weak	BR	THU
	0751z	16 Sep	MXI	CW	Beacon	"S"	Severomorsk		Fair	BR	WED
	0718z	18 Oct	MXI	CW	Beacon	"S"	Severomorsk		V.Weak	BR	SUN
13528.1	1921z	10 Sep	MXI	CW	Beacon	"A"	Astrakhan		Weak	BR	THU
13528.2	1029z	21 Sep	MXI	CW	Beacon	"F"		Via SDR Japan	Fair	BR	MON
13528.3	1025z	21 Sep	MXI	CW	Beacon	"K"		Via SDR Japan	Fair	BR	MON
16331.7	1523z	08 Sep	MXI	CW	Beacon	"D"	Sevastopol		Fair	'D'	TUE
	1925z	10 Sep	MXI	CW	Beacon	"D"	Sevastopol		V.Weak	BR	THU
	0750z	16 Sep	MXI	CW	Beacon	"D"	Sevastopol		Good	BR	WED
	0714z	18 Oct	MXI	CW	Beacon	"D"	Sevastopol		Good	BR	SUN
16331.9	1033z	21 Sep	MXI	CW	Beacon	"S"	Severomorsk	Via SDR Japan	V.Weak	BR	MON
	0714z	18 Oct	MXI	CW	Beacon	"S"	Severomorsk		Good	BR	SUN
16332.3	1034z	15 May	MXI	CW	Beacon	"K"		Via SDR Japan	V.WEak	BR	MON
20047.7	0712z	18 Oct	MXI	CW	Beacon	"D"	Sevastopol		Good	BR	SUN
20047.9	1019z	21 Sep	MXI	CW	Beacon	"S"	Severomorsk	Via SDR Japan	V.Weak	BR	MON
20048.1	0749z	16 Sep	MX	CW	Beacon	"A"	Astrakhan		V.Weak	BR	WED
	0713z	18 Oct	MX	CW	Beacon	"A"	Astrakhan		V.Weak	BR	SUN



7508.7 kHz 2255z 09 Sep 2026 'D' Beacon in Progress *Courtesy PLdn*

More on the Unusual 16331 kHz August Activity – PoSW Logs & Comment.

This was missed from the last newsletter due to the text vanishing into the aether – We are pleased to belatedly include it now.

Single letter marker beacons;- The collection of these just above 16331 kHz showed some unusual behaviour recently. Usually the letters "D" and "S" are strong signals but nothing was heard from either of these in the first week of July, doing a quick check on the frequency for a few minutes at several times during the day although a weak "P" was heard from time to time but perhaps like everything else on short-wave it was all down to propagation. A strong "D" was heard on 08-July-26 when monitored at 1450 UTC. Both "D" and "S" were strong in the last week of July but there was something unusual in the first week of August:-

02-Aug-26, Sun:- "D" and "S" with strong signals but something even stronger, CW sending "...005 006 005 006 005 006..." continuously. Was not heard on following days but was back on 09-Aug-26 at 1720 UTC. Was also heard on 17-Aug-26, Mon, at 0640 UTC over-riding "D" and "S" but has not been heard since.

Thanks, Peter. It was an unusual & curious occurrence – Guess we'll never know what it was about.

Oddities

S28 'The Buzzer'

4625	1927z	10 Sep	S28	'The Buzzer' Marker – Usual sound	USB	Good	BR	THU
	2100z	19 Oct	S28	'The Buzzer' Marker – Usual sound	USB	Fair	BR	MON
	1121 - 1122z	26 Oct	S28	Message:	USB		Hiram	MON
				Жея, Афина, Иван. 22 104. Анна, Роман, Ольга, Павел, Ольга, Дмитрий. 44				
				Zheya, Athena, Ivan. 22 104. Anna, Roman, Olga, Pavel, Olga, Dmitry. 44				
	1233 - 1234z	26 Oct	S28	Message:				
				Жуня, Татьяна, Иван. 99 891. Анна, Михаил, Анна, Дмитрий, Роман, Иван,Леонид, Леонид. 85 39 00 7 4. Принял				
				Zhunya, Tatiana, Ivan. 99 891. Anna, Mikhail, Anna, Dmitry, Roman, Ivan, Leonid, Leonid. 85 39 00 7 4. Accepted				

S30 **'The Pip'**

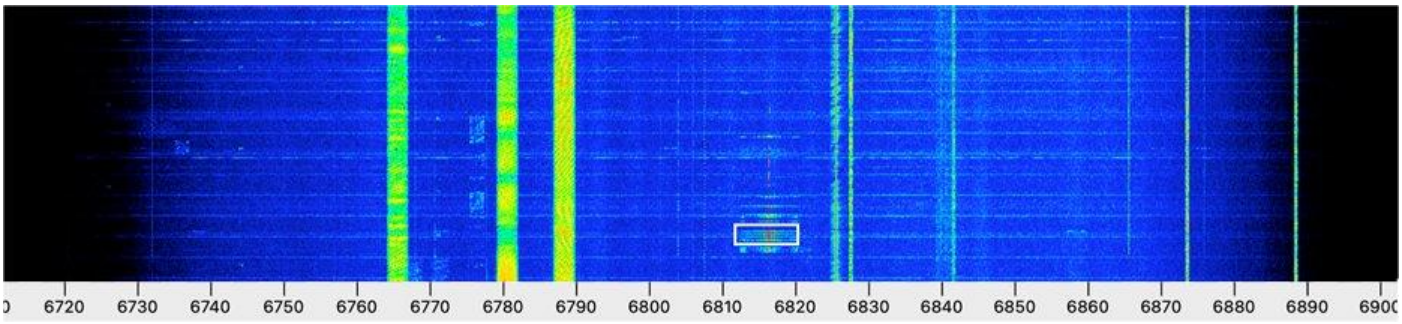
3756	1928z	10 Sep	S30	'Pip' marker **Two 'pips' heard slightly out of synch**		USB	Fair/Weak	BR	THU
	2101z	19 Oct	S30	'Pip' marker		USB	Weak	BR	MON
5448	0448z	15 Oct	S30	'Pip' Marker (Day freq)		USB		E	THU
	0743z	18 Oct	S30	'Pip' Marker (Day freq)	Via SDR Poland	USB	Fair	BR	WED

New Additional 'Pip' Markers

4141	1905z	10 Sep	'Pip' type Marker – (Not synched with 3756kHz)	USB	Fair	BR	THU
3363	1930z	10 Sep	'Pip' type Marker – In sync with 4141kHz	USB	Fair	BR	THU
	2102z	19 Oct	'Pip' type Marker	USB	V.Weak	BR	MON
6806	1911z	04 Sep	Continuous beeps	USB		E	FRI
	1932z	10 Sep	'Pip' type Marker – (Not synched with 3756kHz)	USB	Fair	BR	MON
			Voice messages reported on 02 Oct & 04 Oct			Hiram	FRI/SUN
	2104z	19 Oct	'Pip' type Marker	USB	Weak	BR	MON

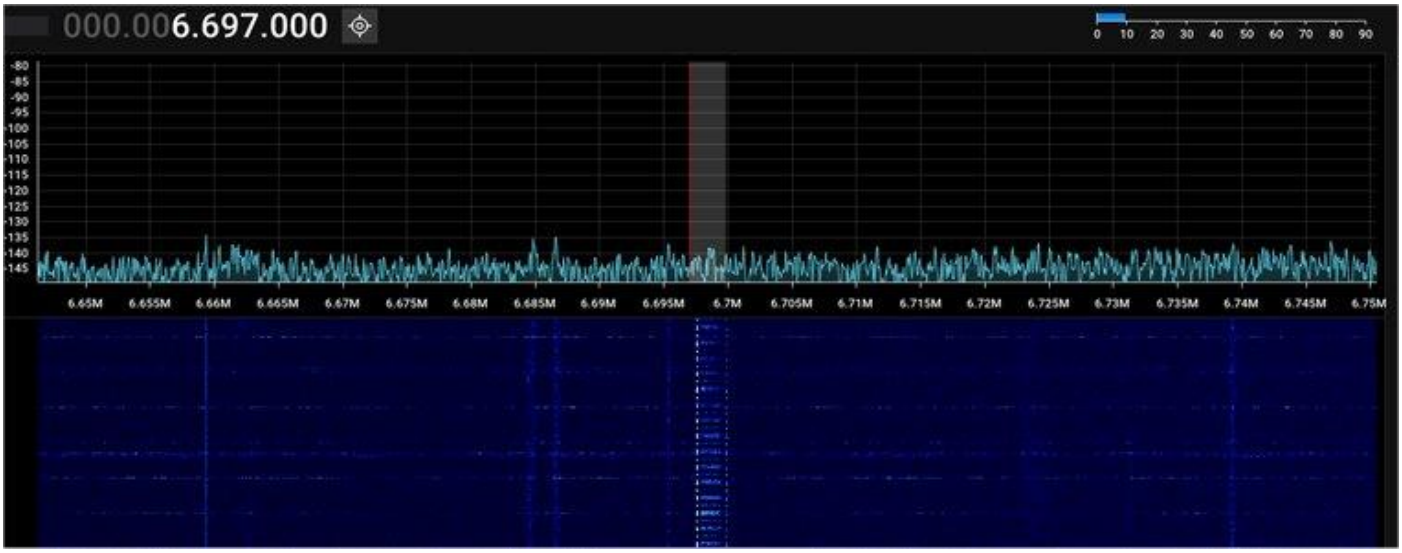
New Buzzer Marker (Various Frequencies)

6815.5	1700 – 2200z	05 – 06 Oct	Buzzer-Like Marker Starts at 17:00 UTC—broadcasting every hour—ends at 22:00 UTC. Jochen reports this tone as a G (50Hz) Lower tone than the buzzer	AM	Hiram	MON/TUE



6815.5kHz 1700z 06 October 2026 **Buzzer-Like Marker** **Courtesy Hiram**

6697	0400 – 0500z	16 Oct	Buzzer-Like Marker	USB	Hiram	FRI



6697kHz 0400z 16 October 2026 **Buzzer-Like Marker** **Courtesy Hiram**

4326.1//4327.1 **'T' Marker** **(New Frequencies – previously on 4183.7//4184)**

	1935z	10 Sep	T Marker	USB	BR	THU

Contributors: AB, BR, 'D', 'E', Gert, Hiram, Jochen, PLdn, PoSW *Thank you all for your logs.*

Voice Number Stations

E06 Sept/Oct log:

E06 Sept/Oct log:

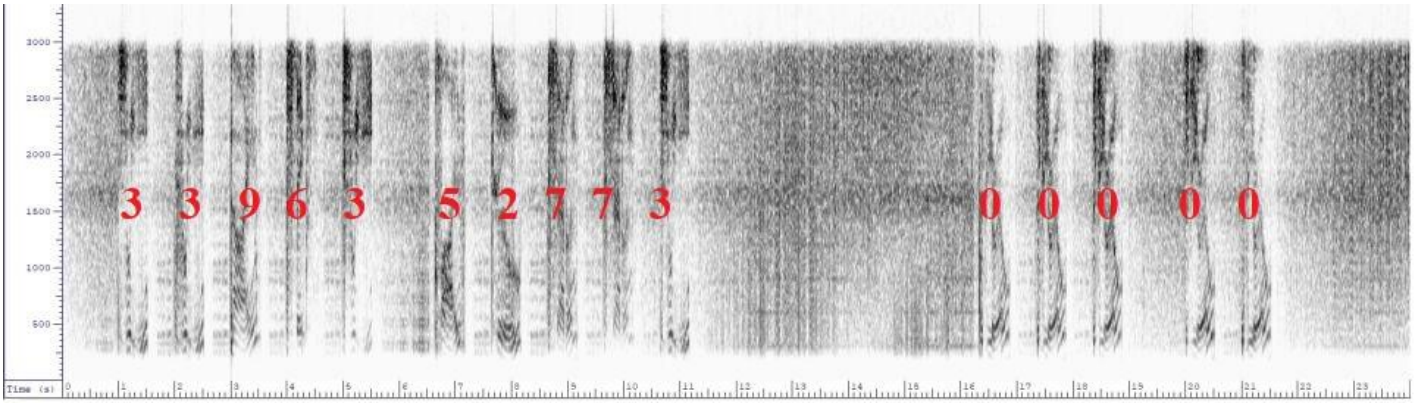
Nil Reports [See also S06]

E07

Tuesday/Friday

September 2026

1500z	**17452kHz**	**1520z**	**16272kHz**	**1540z**	**14875kHz**		
01/09	428 1 9653 149 76366 ... 44904 000 000				Weak		
04/09	428 1 9653 149 76366 ... 44904 000 000			1500z Fair [HJH], Weak [PLdn], 1520z Fair, 1540z NRH		PLdn	FRI
08/09	428 000				1500z Weak, 1520z Fair	PLdn	TUE
11/09	428 000				Fair	PLdn	FRI

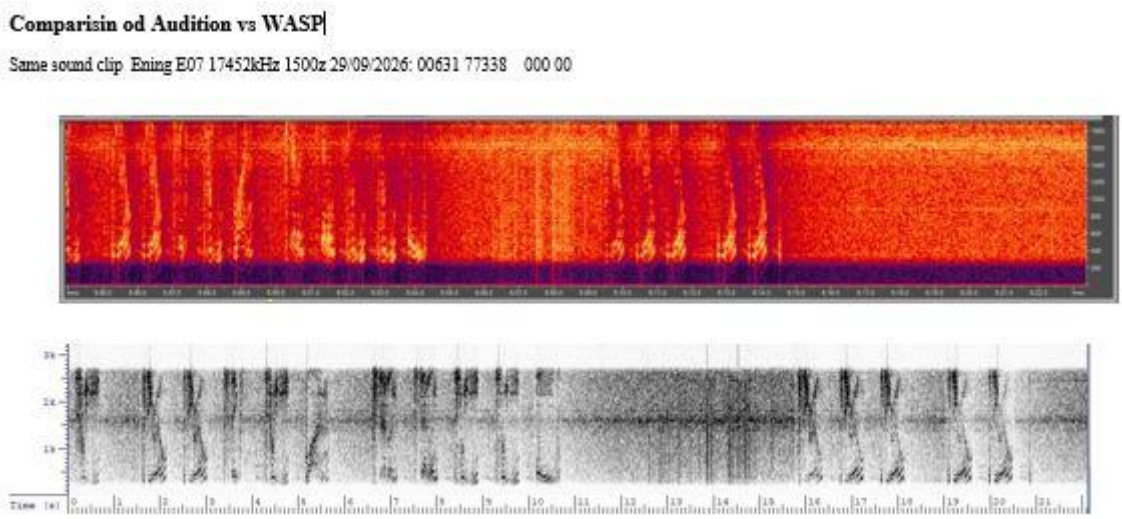


E07 TuF 15/09/2026 428 428 428 1 2563 178 22306 … 52773 Ends 000 00 19m24s lg

15/09	428 1 2563 178 22306 … 52773 000 00	1500z Weal^Fair, rest Weak. Times adjusted [1527 and 1547z] for 19m24s lg sending
18/09	428 1 2563 178 22306 … 52773 000 00	Weak
22/09	428 000	1500z Weak, 1520z Fair
25/09	428 000	Weak
29/08	428 1 7507 73 36107 … 77338 000 00	Weak

428 428 428 1
7507 73
36107 53695 95541 15090 37477 19603 85202 77054 72852 83668
74404 79075 65242 98061 37834 72581 31481 64464 93187 99451
46729 61316 06704 83983 01864 75671 24086 38024 07079 09161
91444 18077 93291 67197 53409 71510 53331 24214 72657 78459
39671 22452 17410 97698 86362 34404 28269 41647 43891 82881
21400 42903 99867 52465 44950 06231 64620 28623 68228 43261
56980 47448 96528 45170 69948 69721 28259 48984 36511 34299
12643 00631 77338 000 000 *Courtesy HJH*

We were asked about visually displaying Morse characters; you can spend a bomb on professional programs but here's WASP.



WASP is a program for the recording, display and analysis of speech. With WASP you can record and replay speech signals, save them and reload them from disk, edit annotations, and display spectrograms and a fundamental frequency track.

https://www.speechandhearing.net/laboratory/wasp.htm

October 2026

1500z 17461kHz 1520z 16161kHz 1540z 14361kHz

02/10	413 1 7507 73 36107 ... 77338 000 00	Weak	PLdn	FRI
06/10	413 000	Fair, 1500z QSB2	PLdn	TUE
09/10	413 000	Weak	PLdn	FRI
13/10	413 1 9755 111 67075 … 38032 000 000	Fair	E, HJH, PLdn	TUE

413 1 9755 111 9755 111

67075 12671 24976 68001 42767 31481 45413 72931 25591 95161
52339 06987 41273 71935 45745 39081 24558 52101 25653 93208
14546 50813 14833 26141 87933 92745 02183 76381 36621 09601
51210 20875 79981 67389 07640 76230 62864 02213 79360 77723
57461 12966 23109 44414 94291 24364 17240 38154 57177 45799
71609 64936 86756 97452 59239 76767 11094 96149 19193 68152
80077 20797 08650 61563 89962 14843 33039 53133 61496 67121
61877 44888 31379 96101 26805 12503 98485 20480 86832 96572
43656 45961 39704 54801 66709 32780 22031 39562 22313 4854
93131 14339 54515 92425 01539 45639 55297 99190 17256 56447
99426 28872 48430 48948 74906 32531 94178 55983 36342 25663
38032 000 000 *Courtesy HJH*

16/10	413 1 9755 111 67075 … 38032 000 000	Weak	PLdn	FRI
20/10	413 000	1500z Weak, 1520z Fair	PLdn	TUE
23/10	413 000	Weak	PLdn	FRI
27/10	413 1 3882 162 94192 ... 59203 000 000	1540z NRH, rest Weak [16m06s lg]		

94192 68280 17251 66234 69900 40074 65978 63714 03267 61137
82315 39120 88679 22650 00086 96464 78754 95902 28667 79899
46055 13443 61392 84756 77089 55706 19366 99910 25221 31461
63067 65901 71599 11574 85956 48164 67073 23597 74967 31483
86896 54348 00499 03974 74662 93977 42187 27071 14838 16856
36055 02733 46606 43401 17923 70264 76515 75255 78920 41970
95419 91621 96668 74297 09763 21079 87869 26179 05046 71143
26350 79958 47973 15326 05628 07263 24990 30192 80257 67868
78432 75972 50912 47654 71159 82206 77891 62602 94992 94220

91699 44020 34421 33820 73472 31183 00326 98990 56411 79116
42914 69694 19176 41487 24440 49550 43826 21302 95606 00755
52339 01255 16210 93374 76690 85339 14470 64793 38030 76158
60017 74090 24524 30732 35126 81774 30827 72358 14957 64458
42648 93172 09566 77514 74475 02050 50751 65674 95162 54049
10701 79301 71899 75731 82200 29433 45216 50542 00282 15524
72324 92077 76097 66620 03229 46913 45576 57439 04486 43524
91087 59203 000 000 *Courtesy HJH*

Thursday/Saturday

September 2026

1000z	**18287kHz**	**1020z**	**17471kHz**	**1040z**	**16135kHz**			
03/09	241 000				V.Weak/Weak	BR	THU
05/09	241 000				V.Weak/Fair	PLdn	SAT
10/09	241 1 8480 182 14358 ... 79329 000 000			Note revised start times due to 20m length of message c1000z Very weak, 1025z Very weak, 1050z Weak		BR, BRIXMIS, Manolis PLdn	THU
12/09	NOT MONITORED						
17/09	NOT MONITORED						
19/09	241 000				1000z NRH, 1020z Weak	E, PLdn	SAT
24/09	241 1 8372 189 69269 ... 97876 000 00				1000z Fair, rest Weak	BR, MG, PLdn	THU
26/09	241 1 8372 189 69269 ... 97876 000 00				1050z Weak, rest Unworkable		

October 2026

1000z	**17452kHz**	**1020z**	**16291kHz**	**1040z**	**14893kHz**			
01/10	428 000				Weak		
03/10	428 000				1000z Weak, 1020z Fair		
08/10	428 1 8992 155 78580 ... 62783 000 000				Fair, Weak, Fair	BR, PLdn	THU
10/10	428 1 8992 155 78580 ... 62783 000 000				1040z Fair with Echo, rest NRH	PLdn	SAT
15/10	428/000				Fair [Pldn, both Weak with echo]	BR, E	THU
17/10	428 000				1000z Weak, 1020z Fair	PLdn	SAT
22/10	428 1 (5349 224) 49396 53893 46269 10585 66258….				Weak/Good/Fair	BR	THU
24/10	428 1 5349 224 49396 ... 96252 000 000				Weak	PLdn, Brxmis	SAT
	Note change of start times due to excessive length of message [21m17s] 1000, 1028 and 1054z						
29/10	428 000				Fair	BR, HJHPLdn	THU

PoSW writes:

<u>Tuesday + Friday Schedule, 1500 UTC Start:-</u>

1-Sept-26, Tue:- 1500 UTC, 17452 kHz, “428 428 428 1”, message, DK/GC “9653 149” x 2, fair signal with fading, ended at 1516:40s UTC.
1520 UTC, 16272 kHz, weaker.
1540 UTC, 14875 kHz, weak signal, difficult copy.

8-Sept-26, Tue:- 1500 UTC, 17452 kHz, very weak, unreadable
1520 UTC, 16272 kHz, stronger, “428 428 428 000”.

11-Sept-26, Fri:- 1500 UTC, 17452 kHz, “428 428 428 000”, good signal.
1520 UTC, 16272 kHz, weaker. Both transmissions cut short, at the end said “00” instead of “000”.

15-Sept-26, Tue:- 1500 UTC, 17452 kHz, “428 428 428 1”, message, DK/GC “2563 178” x 2, strong signal, ended at 1519:25s UTC approx.
1520 UTC, 16272 kHz, fair signal with some fading up and down. Break in transmission around 1532z, came back with “428...1” routine for a minute or so then back into 5Fs,
ended at 1541:30s.
1547 UTC approx, 14875 kHz, weak signal, difficult copy at times.

18-Sept-26, Fri:- 1500 UTC, 17452 kHz, “428” and “2563 178” again, strong signal with some fading.
1520 UTC, 16272 kHz, weaker.
1540 UTC, 14875 kHz, weak, difficult copy.

22-Sept-26, Tue:- 1500 UTC, 17452 kHz, “428 428 428 000”, good signal.
1520 UTC, 16272 kHz, weaker.

25-Sept-26, Fri:- 1500 UTC, 17452 kHz, good signal and 1520 UTC, 16272 kHz, weaker, “428 428 428 000”.

29-Sept-26, Tue:- 1500 UTC, 17452 kHz, “428 428 428 1”, message, DK/GC “7507 73” x 2, good signal.
1520 UTC, 16272 kHz, weak although a brief test tone heard a few minutes before the start was stronger.
1540 UTC, 14875 kHz, weak signal, difficult copy.

2-Oct-26, Fri:- 1500 UTC, 17461 kHz, “413 413 413 1”, DK/GC “7507 73” as on 29-Sept,
good signal.
1520 UTC, 16161 kHz, fair signal.
1540 UTC, 14361 kHz, also a fair signal.

6-Oct-26, Tue:- 1500 UTC, 17461 kHz, “413 413 413 000”. good signal.
1520 UTC, 16161 kHz, weaker.

9-Oct-26, Fri:- 1500 UTC, 17461 kHz and 1520 UTC, 16161 kHz, both fair signals, “413 413 413 000”.

13-Oct-26, Tue:- 1500 UTC, 17461 kHz, “413 413 413 1”, message, DK/GC “9755 111”, x 2, good signal, ended at 1511:50s UTC approx.
1520 UTC, 16161 kHz, weaker.
1540 UTC, 14361 kHz, signal strength up and down.

16-Oct-26, Fri:- 1500 UTC, 17461 kHz, “413” and “9755 111” again, good signal.
1520 UTC, 16161 kHz, slightly weaker.
1540 UTC, 14361 kHz, weak signal.

20-Oct-26, Tue:- 1500 UTC, 17461 kHz, “413 413 413 000”, fair signal.
1520 UTC, 16161 kHz, also a fair signal.

23-Oct-26, Fri:- 1500 UTC, 17461 kHz good signal and 1520 UTC, 16161 kHz, weaker, “413 413 413 000”.

27-Oct-26, Tue:- 1500 UTC, 17461 kHz, “413 413 413 1”, message, DK/GC “3882 162” x 2, fair signal with some fading, ended just after 1516 UTC.
1520 UTC, 16161 kHz, slightly weaker.
1540 UTC, weakest sending of the three.

Thursday + Saturday Schedule, 1000 UTC Start:-
5-Sept-26, Sat:- 1000 UTC, 18287 kHz, “241 241 241 000”, good signal with some fading.
1020 UTC, 17471 kHz, deep fading, echo effect on voice at times.

12-Sept-26, Sat:- 1000 UTC, 18287 kHz, “241 241 241 1”, message, DK/GC “8480 182” x 2, long message, ended at 1019:46 UTC, truncated finish, “000 00” rather than “000 000”.
1025 UTC, 17471 kHz, running late, fair signal.
1050 UTC, 16135 kHz, weak.

17-Sept-26, Thu:- 1000 UTC, 18287 kHz, strong signal, “241 241 241 000”.
1020 UTC, 17471 kHz, wide variations in signal strength, both sendings finished with the shortened “00”.

19-Sept-26, Sat:- 1000 UTC, 18287 kHz, “241 241 241 000”, fair signal.
1020 UTC, 17471 kHz, weak.

26-Sept-26, Sat:- 1000 UTC, 18287 kHz, “241 241 241 1”, message, DK/GC “8372 189” x 2, missed the ending,
1020 UTC, 17471 kHz, fair signal, ended at 1037:45s UTC.
1040 UTC, 16135 kHz, weak signal.

1-Oct-26, Thu:- 1000 UTC, 17456 kHz, “428 428 428 000”, fair signal. Missed second sending which would have been on 16291 as in October last year.

10-Oct-26, Sat:- 1000 UTC. 17546 kHz, “428 428 428 1”, message, DK/GC “8992 155” x 2, fair signal with deep fading at times when an echo effect on voice was noticable.
Ended at approx 1015:30s UTC.
1020 UTC, 16291 kHz, fair signal with deep fading.
1040 UTC, 14893 kHz, very weak, difficult copy.

17-Oct-26, Sat:- 1000 UTC, 17456 kHz, “428 428 428 000”, strong signal.
1020 UTC, 16291 kHz, weaker.

22-Oct-26, Thu:- 1000 UTC, 17456 kHz, “428 428 428 1”, message, DK/GC “5349 224”, signal strength varying. Long message! Did not end until 1021:15s UTC.
1027 UTC, 16291 kHz, running late, signal strength up and down.
1054 UTC, 14893 kHz, also varying signal strength.

E11 & E11a log Sept/Oct

4181kHz	1610z	09/09 [399/00] Weak	Brixmis, PLdn	WED
	1610z	16/09 [391/00] Out 1613z Weak	PLdn	WED
	1610z	19/09 [392/00] Out 1613z Weak	PLdn	SAT
	1610z	23/09 [391/00] Out 1613z Weak	PLdn	WED
	1610z	26/09 [399/00] Out 1613z Weak	PLdn	SAT
	1610z	30/09 [396/00] Out 1613z Strong (Twente SDR)	Manolis, PLdn	WED
	1610z	03/10 [394/00] Out 1613z Fair	PLdn	SAT
	1610z	07/10 [391/00] Out 1613z Fair	PLdn	WED
	1610z	14/10 [391/00]	Gary H, PLdn	WED
	1610z	17/10 [396/00] Out 1613z Weak	PLdn	SAT
	1610z	21/10 [396/34 84921……..32492] Out 1620z Strong	PLdn	WED
	1610z	28/10 [390/00]	Gary H, PLdn	WED
4505kHz	1645z	05/09 [360/00]	Gary H	SAT
	1645z	19/09 [366/00] Out 1648z Weak	Weak	SAT
	1645z	03/10 [366/00] Out 1648z Weak	PLdn	SAT
	1645z	04/10 [363/00] Out 1648z Fair	PLdn	SUN
	1645z	11/10 [365/00] Out 1648z Weak	PLdn	SUN
	1645z	17/10 [367/00] Out 1648z Weak	PLdn	SAT
	1645z	18/10 [365/00] Out 1648z Weak	Manolis, PLdn	SUN
	1645z	24/10 [365/33 85887 66233 66918 55875 37211 94918 37799 87620……35516 24593[] Good	Manolis	SAT
5176kHz	1605z	01/09 [232/35 16061 55777 36004 20682 33501 14600 00346 33554……47599 18293] Out 1615z	PLdn	TUE
	1605z	08/09 [230/00]	Gary H, PLdn	TUE
	1605z	22/09 [230/00] Out 1608z Weak	PLdn	TUE
	1605z	29/09 [238/00] Out 1608z Weak	PLdn, Manolis	TUE
	1605z	04/10 [237/00] Out 1608z Fair	PLdn, Manolis	SUN
	1605z	06/10 [235/33 32346 17890 75274 80046 26101 33980 84586 57332……28646 96934]	Gary H, PLdn	TUE
	1605z	18/10 [230/00] Out 1608z Weak	Manolis, PLdn	SUN
	1605z	20/10 [232/pp] Out 1608z Fair	PLdn	TUE
	1605z	25/10 [233/00] Out 1608z Weak	PLdn	SUN
	1605z	27/10 [230/00] Out 1608z Weak	PLdn	TUE
5371khz	1300z	03/09 [310/00] Weak	RNGB	THU
	1300z	07/09 [314/00] Weak	RNGB	MON
5737kHz	2000z	10/09 [525/00] Good	Brixmis, Gary H, E	THU
6923kHz	1715z	02/09 [977/00] Out 1718z Strong	PLdn	WED
	1715z	04/09 [974/00] Out 1718z Strong	PLdn	FRI
	1715z	09/09 [976/37 79616 53047 86853 41624 46879 22397 16211 54757……67722 70763] Good	Brixmis, PLdn	WED
	1715z	16/09 [977/00] Out 1718z Strong	PLdn	WED
	1715z	18/09 [978/00] Out 1718z Strong	PLdn	FRI
	1715z	23/09 [970/00] Out 1718z Strong	PLdn	WED
	1715z	25/09 [970/00] Out 1718z Strong	PLdn	FRI
	1715z	30/09 [976/00] Out 1718z Strong	PLdn	WED
	1715z	02/10 [970/00] Out 1718z Strong	PLdn, Manolis, E	FRI
	1715z	07/10 [975/40 38517……..99632] Out 1726z Strong	PLdn	WED
	1715z	14/10 [975/00] Out 1718z Strong	PLdn	WED
	1715z	16/10 [976/00] Out 1718z Strong	PLdn	FRI
	1715z	21/10 [978/00] Out 1718z Strong	PLdn	WED
	1715z	23/10 [975/00] Out 1718z Strong	PLdn	FRI
	1715z	28/10 [975/00] Out 1718z Strong	PLdn	WED
6940kHz	0930z	02/09 [279/31 89234 37179 02319 64735 65057 72156 81028 25660……..62011 21414] Weak	RNGB, Brian	WED
	0930z	09/09 [278/00] Fair	RNGB, Brian, PLdn, Manolis	WED
	0930z	10/09 [277/00] Weak	Brian	WED
	0930z	16/09 [271/00] Weak	Brian, PLdn, Manolis	WED
	0930z	23/09 [275/00] Weak	Brian	WED
	0930z	24/09 [273/00] Weak	Brian, Manolis, PLdn	THU
	0930z	30/09 [277/00] Weak	Brian, Manolis	WED
	0930z	01/10 [270/00] Weak	Brian, Manolis	THU
	0930z	07/10 [277/00] Out 0933z Weak	PLdn, Brian	WED
	0930z	08/10 [277/00] Weak	Brian, PLdn	THU
	0930z	14/10 [276/34 86845 40769 59533 97725 18979……..?9190] Poor copy	Brian, PLdn	WED
	0930z	21/10 [278/00] Fair	Brian, PLdn	WED
	0930z	22/10 [276/00] Weak	Brian	THU
	0930z	28/10 [275/00] Out 0933z Fair	PLdn	WED
	0930z	29/10 [278/00] Fair	Brian, PLdn, Manolis	THU
7317khz	1900z	07/09 [649/00] Out 1903z Strong	PLdn	MON
	1900z	10/09 [641/00] Out 1903z Strong	PLdn, Manolis, E	THU
	1900z	14/09 [647/00] Out 1903z Strong	PLdn	MON
	1900z	17/09 [644/00] Out 1903z Strong	PLdn	THU
	1900z	21/09 [641/00] Out 1903z Strong	PLdn	MON
	1900z	24/09 [640/00] Out 1903z Strong	PLdn	THU
	1900z	28/09 [649/35 81388 74007 83148 08279 35676 87287 81308 74673……52095 59073] Strong	PLdn	MON

	1900z	05/10 [644/37 03860……..03088] Out 1910z Strong	PLdn	MON
	1900z	12/10 [649/00] Out 1903z Strong	PLdn	MON
	1900z	15/10 [641/00] Out 1903z Strong	PLdn	THU
	1900z	19/10 [641/00] Out 1903z Strong	PLdn	MON
	1900z	29/10 [647/00] Out 1903z Strong	PLdn	THU
8180kHz	0700z	01/09 [570/00] Good	RNGB, Brian, PLdn	TUE
	0700z	04/09 [570/00] Good	RNGB	FRI
	0700z	08/09 [575/00] Good	RNGB	TUE
	0700z	15/09 [579/00] Good	RNGB, Manolis	TUE
	0700z	18/09 [577/00] Good	RNGB	FRI
	0700z	25/09 [574/00] Good	RNGB, Manolis	FRI
	0700z	29/09 [570/31 24484 05911 77578 56033 94346 06707 15420 69499……50320 40746] Good	RNGB	TUE
	0700z	02/10 [570/31} Transmission broke after 2 minutes – SILENCE	RNGB, Ary, Manolis	FRI
	0700z	06/10 [576/00] Strong	RNGB, Manolis	TUE
	0700z	09/10 [579/00] Good	RNGB, Manolis	FRI
	0700z	16/10 [57*} NRH	RNGB	FRI
	0700z	20/10 [575/00] Out 0703z Fair	Manolis	TUE
	0700z	23/10 [576/00] Out 0703z Good	Manolis	FRI
	0700z	30/10 579/32 29597 89280 12571 23057 44552 12897 83373 30946……38285 94619] Strong	Manolis	FRI
8423kHz	0720z	03/09 [434/00] Good	RNGB, Brian	THU
	0720z	04/09 [435/00] Good	RNGB, Brian	FRI
	0720z	10/09 [431/37 53642 74500 76342 91817 83696 46673 09921 77103……12499 81819] Good	RNGB, Brian	THU
	0720z	17/09 [438/00] Good	RNGB, Brian	THU
	0720z	18/09 [434/00] Fair	Brian	FRI
	0720z	24/09 [436/00] Good	RNGB, Brian	THU
	0720z	25/09 [435/00] Good	RNGB, Brian, Manolis	FRI
	0720z	01/10 [432/00] Good	RNGB, Brian	THU
	0720z	02/10 [432/00] Out 0723z Strong (Twente SDR)	Manolis, Brian	FRI
	0720z	08/10 [432/00] Good	RNGB, Manolis	THU
	0720z	09/10 [435/00] Good	RNGB, Brian	FRI
	0720z	15/10 [434/00] Strong	RNGB, Brian, E	THU
	0720z	16/10 [43*] NRH	RNGB	FRI
	0720z	22/10 [439/00] Fair with QRM	RNGB, Brian, Manolis	THU
	0720z	23/10 [430/00] Fair	Brian, Manolis	FRI
8530kHz	1910z	11/09 [618/00] Out 1913z Strong (Twente SDR)	Manolis	FRI
	1910z	20/09 [611/38 93241 29948 62563 94160 07765 83420 84327 43850……60252 03451] Good	RNGB	SUN
	1910z	02/10 [617/00] Out 1913z Strong (Twente SDR)	Manolis	FRI
	1910z	11/10 [618/31 92626 32901 67501 35971 86366 29405 31066 45143……92353 89296] Weak	Manolis	SUN
8680kHz	0600z	04/09 [354/00] Out 0603z Strong	PLdn	FRI
	0600z	06/09 [358/00] Out 0603z Strong	PLdn, Manolis	SUN
	0600z	11/09 [351/35 87624……..52630] Out 0610z Weak	PLdn	FRI
	0600z	18/09 [350/00] Out 0603z Weak	PLdn	FRI
	0600z	20/09 [350/00] Out 0603z Fair	PLdn	SUN
	0600z	25/09 [353/00] Out 0603z Fair	PLdn	FRI
	0600z	27/09 [359/00] Out 0603z Strong	PLdn, Manolis	SUN
	0600z	02/10 [355/00] Out 0603z Fair/Weak	Manolis, PLdn	FRI
	0600z	04/10 [358/00] Out 0603z Weak	PLdn	SUN
	0600z	09/10 [354/00] Out 0603z Fair/Weak	Manolis, PLdn	FRI
	0600z	16/10 [355/00] Out 0603z Strong	PLdn	FRI
	0600z	18/10 [352/00] Out 0603z Fair	Manolis, Pldn	SUN
	0600z	23/10 [354/35 37826 73430 20257 27440 16988 64057 42799……76616 49872]	Manolis	FRI
9079kHz	0700z	06/09 [495/35 17462 11170 76873 26687 90955 76626 66179.....13133 87936] Out 0710z Strong	Manolis, PLdn	SUN
	0700z	12/09 [490/00] Strong	RNGB	SAT
	0700z	13/09 [491/00] Good	RNGB, Manolis	SUN
	0700z	19/09 [490/00] Good	RNGB, PLdn	SAT
	0700z	20/09 [498/00] Out 0703z Fair	PLdn	SUN
	0700z	26/09 [490/00] Good	RNGB	SAT
	0700z	27/09 [495/00] Out 0703z Weak	PLdn, Manolis	SUN
	0700z	03/10 [495/00]	Ary, PLdn, Manolis	SAT
	0700z	04/10 [497/00] Out 0703z Strong	Manolis	SUN
	0700z	10/10 [495/35 39168……..76535] Out 0710z Fair	PLdn	SAT
	0700z	17/10 [491/00] Out 0703z Weak	PLdn	SAT
	0700z	18/10 [491/00] Good	RNGB, Manolis, PLdn	SUN
	0700z	24/10 [490/00] Out 0703z Fair	PLdn	SAT
	0700z	25/10 [498/00] Out 0703z Fair	PLdn	SUN
9399kHz	1205z	01/09 [461/00] Out 1208z Weak	PLdn	TUE
	1205z	16/09 [461/00] Out 1208z Good	Manolis	WED
	1205z	29/09 [466/00] Out 1208z Good (Swiss SDR)	Manolis	TUE
	1205z	07/10 [461/37 26842 60857 71563 75511 26116 91696 11065 18022…….29907 32040] Strong	Manolis	WED
	1205z	14/10 [463/00]	E	WED
9610kHz	0645z	09/09 [413/36 13303 82986 63571 97889 65001 39181 87399 39848……48297 70148] Strong	Manolis	WED
	0645z	14/09 [411/00] Out 0648z Very strong (Twente SDR)	Manolis	MON
	0645z	16/09 [412/00] Fair	Brixmis	WED
	0645z	23/09 [412/00] Good	RNGB	WED
	0645z	28/09 [410/00] Good	RNGB, Manolis	MON
	0645z	30/09 [414/00] Good	RNGB, Manolis	WED

	0645z	07/10 [414/00] Good	RNGB, Manolis	WED
	0645z	12/10 [412/00] Fair	RNGB	MON
	0645z	14/10 [410/00] Good	RNGB, E	WED
	0645z	21/10 [410/00] Out 0648z Weak	Manolis	WED
9951kHz	1000z	04/09 [308/00] Fair	Brian	FRI
	1000z	08/09 [309/21 08180 87616 94199 85343 90715 96260 56632 76919……18689 45983] Out 1008z	PLdn	TUE
	1000z	15/09 [300/00] Out 1003z Weak	PLdn, Brian	TUE
	1000z	18/09 [309/00] Good	Brian, PLdn	FRI
	1000z	22/09 [308/00] Out 1003z Fair	PLdn	TUE
	1000z	25/09 [304/00] Weak	Brian, PLdn	FRI
	1000z	29/09 [302/00] Fair	Brian, PLdn	TUE
	1000z	02/10 [307/00] Good	Brian, PLdn, Manolis	FRI
	1000z	06/10 [305/00] Fair	Brian, PLdn	TUE
	1000z	09/10 [304/00] Fair	Brian, PLdn	FRI
	1000z	13/10 [306/00] Good	Brian, E	TUE
	1000z	16/10 [309/00] Fair	Brian, PLdn, Manolis	FRI
	1000z	20/10 [307/00] Fair	Brian	TUE
	1000z	23/10 [302/00] Fair	Brian, PLdn	FRI
	1000z	30/10 [300/38 76485 22454 13858 28794 80018 80255 68542 55710……26009 33072] Strong	RNGB, Brian	FRI
10213Khz	0715z	01/09 [631/00] Good	RNGB, Brian	TUE
	0715z	04/09 [631/00] Fair	RNGB, Brian, PLdn	FRI
	0745z	07/09 [264/00] Good	RNGB, Brian	MON
	0715z	08/09 [635/00] Weak	Brian, PLdn	TUE
	0715z	11/09 [639/00] Good	RNGB, Brian, PLdn	FRI
	0745z	14/09 [264/00] Good	RNGB, Brian	MON
	0715z	15/09 [631/00] Good	RNGB, PLdn, Brian	TUE
	0715z	18/09 [634/00] Good	RNGB, Brian, PLdn	FRI
	0745z	21/09 [264/00] Good	RNGB	MON
	0715z	22/09 [634/00] Good	RNGB, PLdn	TUE
	0715z	25/09 [634/00] Good	RNGB, PLdn, Manolis	FRI
	0745z	28/09 [266/30 27242 12713 22208 37095 96707 67144 97866……84998 12959] Strong	RNGB, Brian	MON
	0715z	29/09 [630/35 67684 35158 28051 55451 46956 90352 88515……42850 51037] Good	RNGB, Brian, PLdn	TUE
	0745z	05/10 [262/00] Fair	RNGB, Brian	MON
	0715z	06/10 [635/00] Fair	RNGB, Manolis, PLdn	TUE
	0715z	09/10 [639/00] Good	RNGB, Brian, PLdn	FRI
	0745z	12/10 [267/00] Strong	RNGB, Brian	MON
	0715z	13/10 [634/00] Good	RNGB	TUE
	0715z	20/10 [631/00] Fair	Brixmis, Manolis, PLdn	TUE
	0715z	23/10 [634/00] Fair	Brian, Manolis	FRI
	0715z	30/10 [630/32 74393 81153 51933 15131 63349 22471 67301 64612……86898 89726] Fair	Manolis	FRI
10330kHz	1530z	03/09 [264/00] Out 1533z Fair	PLdn	THU
	1530z	10/09 [269/00] Fair	Brixmis, PLdn	THU
	1530z	17/09 [262/00] Out 1533z Strong	PLdn	THU
	1530z	24/09 [261/00] Out 1533z Fair	PLdn	THU
	1530z	01/10 [266/30 27242 12713 22208 37095 96707 67144 97866……84998 12959]	Gary H, PLdn	THU
	1530z	08/10 [260/00] Out 1533z Strong	PLdn	THU
	1530z	15/10 [260/00] Out 1533z Strong	PLdn	THU
	1530z	22/10 [264/00]	Brixmis	THU
	1530z	29/10 [261/36 64075 81894 56028 63457 02853 20790 94035……79727 69344]	Gary H, PLdn	THU
11116kHz	1815z	04/09 [926/00] Out 1818z Strong	PLdn, E	FRI
	1815z	11/09 [921/00] Good	Manolis. PLdn, E	FRI
	1815z	13/09 [920/00] Out 1818z Strong	PLdn	SUN
	1815z	18/09 [921/00] Out 1818z Strong	PLdn	FRI
	1815z	20/09 [922/00] Good	RNGB	SUN
	1815z	25/09 [925/35 71041…….16203] Out 1825z Strong	PLdn	FRI
	1815z	02/10 [927/00] Out 1818z Strong	PLdn, Manolis	FRI
	1815z	04/10 [922/00] Out 1818z Strong	PLdn	SUN
	1815z	16/10 [927/00] Out 718z Strong	PLdn	FRI
	1815z	18/10 [929/00] Out 1818z Fair	PLdn	SUN
	1815z	23/10 [927/00] Out 1818z Weak	PLdn	FRI
	1815z	25/10 [921/00] Out 1818z Weak	PLdn	SUN
12202kHz	0845z	02/09 [715/00] Fair	Brian, PLdn	WED
	0845z	07/09 [713/00] Fair	Brian, PLdn	MON
	0845z	09/09 [713/00] Weak	Brian, PLdn, Manolis	WED
	0845z	14/09 [714/00] Good	RNGB, Brian, PLdn	MON
	0845z	16/09 [713/00] Very weak	Brian, PLdn	WED
	0845z	21/09 [710/00] Fair	RNGB, PLdn	MON
	0845z	23/09 [718/00] Out 0848z Fair	PLdn	WED
	0845z	28/09 [710/36 59525 91193 73262 52785 71740 71537…….65006 09902] Weak	Manolis, Brian	MON
	0845z	05/10 [718/00] Fair	Brian, PLdn	MON
	0845z	07/10 [715/00] Fair	Brian	WED
	0845z	12/10 [718/32 28094 49736 00087 04238 35914…….etc] Very weak	Brian	MON
	0845z	19/10 [718/00] Fair	Brian, PLdn	MON
	0845z	21/10 [710/00] Fair	Brian, PLdn, Manolis	WED
	0845z	26/10 [716/00] Out 0848z Weak	PLdn, Manolis	MON
	0845z	28/10 [711/00] Out 0848z Fair	PLdn	WED
12385kHz	1045z	02/09 [694/00] Fair	Brian, PLdn	WED

	1045z	07/09 [696/00] Out 1048z Fair	PLdn	MON
	1045z	09/09 [696/00] Weak	Brian, PLdn	WED
	1045z	14/09 [698/24 69284 77323 03286 36932 32841 74604 05128 64892……90409 33669] Fair	Brian, PLdn	MON
	1045z	16/09 [690/24 07997 87197 10835 74782 95950…..70444 02217] Different message from MON	Brian, PLdn	WED
	1045z	21/09 [693/00] Out 1048z Fair	PLdn	MON
	1045z	28/09 [697/00] Out 1048z Fair	PLdn	MON
	1045z	30/09 [692/00] Good	RNGB, PLdn	WED
	1045z	05/10 [691/00] Fair	RNGB, PLdn	MON
	1045z	07/10 [697/00] Strong	RNGB, PLdn	WED
	1045z	12/10 [696/00] Out 1048z Strong	PLdn	MON
	1045z	14/10 [693/00] Fair	Brian, PLdn, E	WED
	1045z	19/10 [696/00] Fair	Brian, PLdn	MON
	1045z	21/10 [697/00] Out 1048z Weak	PLdn	WED
	1045z	26/10 [691/33 17812 56878 38435 50088 50492 32347 00909 43095…..91279 00417] Good	RNGB, PLdn	MON
12530kHz	1230z	03/09 [330/38 93034 85852 22721 62851 47454 60414 79476 13417……03840 18817] Good	RNGB	THU
	1230z	17/09 [330/00] Good	RNGB, Brixmis	THU
	1230z	29/09 [330/00] Out 1233z Good	Manolis	TUE
	1230z	06/10 [337/00] Out 1233z Weak	Manolis	TUE
	1230z	29/10 [331/00] Good	RNGB	THU
13117kHz	0900z	02/09 [530/00] Weak	Brian, PLdn	WED
	0900z	07/09 [538/00] Weak	Brian, PLdn	MON
	0900z	09/09 [530/00] Weak	RNGB, Brian, PLdn, Manolis	WED
	0900z	14/09 [534/31 86971 51641 28001 92863 34700 58582 79353 95304……93055 34979] Fair	RNGB, Brian, PLdn	MON
	0900z	21/09 [533/00] Good	RNGB, PLdn	MON
	0900z	23/09 [537/00] Weak	RNGB, Brixmis, PLdn, Brian	WED
	0900z	28/09 [536/00] Very weak	Brian, PLdn	MON
	0900z	30/09 [534/00] Fair	Brian, PLdn	WED
	0900z	05/10 [535/00] Good	Brian, PLdn	MON
	0900z	07/10 [537/00] Out 0903z Fair	PLdn, Brian	WED
	0900z	12/10 [530/00] Very weak	Brian, PLdn	MON
	0900z	14/10 [533/00] Fair	Brian, PLdn, E	WED
	0900z	19/10 [532/00] Good	Brian, PLdn	MON
	0900z	21/10 [535/00] Fair	Brian, PLdn	WED
	0900z	26/10 [532/40 99710 11241 54832 48653 95346 89044 73509 07170……76177 34730] Strong	RNGB, PLdn, Manolis	MON
13470kHz	0645z	01/09 [512/00] Fair with QRM	RNGB	TUE
	1745z	07/09 [248/00] Out 1748z Fair	PLdn	MON
	0645z	10/09 [514/00] Fair	RNGB	THU
	1745z	13/09 [245/00] Out 1748z Fair	PLdn	SUN
	1745z	14/09 [246/37 05928…….46550] Out 1756z Fair	PLdn	MON
	0645z	15/09 [515/30 62696 20386 25661 70465 02192 88495 71857 52648……28104 86135] Good	RNGB, Manolis	TUE
	1745z	21/09 [240/00] Out 1748z Fair	PLdn	MON
	0645z	22/09 [519/00] Fair with QRM	RNGB	TUE
	0645z	24/09 [511/00] Fair	RNGB, Manolis	THU
	1745z	28/09 [249/00]	E	MON
	0645z	29/09 [510/00] Fair	RNGB	TUE
	0645z	01/10 [510/00] Fair	RNGB	THU
	1745z	05/10 [247/00]	E	MON
	0645z	06/10 [511/00] Out 0648z Strong	Manolis	TUE
	0645z	08/10 [515/00] Fair	RNGB, Manolis	THU
	0645z	13/10 [510/00] Fair	RNGB	TUE
	0645z	15/10 [517/00] Fair with QRM	RNGB	THU
	0645z	20/10 [510/30 01809 54765 22901 40183 51944 31969 46400 51726……04291 56861]	Manolis, Brixmis	TUE
	0645z	27/10 [511/00]	Brixmis	TUE
14972kHz	1430z	15/09 [919/00] Out 1433z Weak	PLdn	TUE
	1430z	19/09 [918/00]	Gary H, PLdn	SAT
	1430z	22/09 [914/00] Out 1433z Weak	PLdn	TUE
	1430z	29/09 [912/00]	Gary H, Manolis	TUE
	1430z	03/10 [917/00] Out 1433z Weak	PLdn	SAT
	1430z	06/10 [911/00]	Gary H	TUE
	1430z	13/10 [918/00]	Gary H	TUE
	1430z	17/10 [918/00] Out 1433z QSB to nil	PLdn	SAT
	1430z	20/10 [910/36 05633 13823 66491 88233 01526 79950 40974 61363……59981 77407]	Gary H, Pldn	TUE
	1430z	27/10 [910/00] Out 1433z Weak	PLdn	TUE
17410khz	0745z	02/09 [349/00] Very weak	Brian	WED
	0745z	09/09 [343/33 37962 04184 76708 20620 43597 69308 95336 35379……72895 18348] Weak	RNGB	WED
	0745z	16/09 [348/00] Weak (Polish SDR)	RNGB, Brian	WED
	1020z	18/09 [344/00] (Polish SDR)	Brian	FRI
	0745z	23/09 [344/00] Very weak	Brian	WED
	1020z	25/09 [344/00] Very weak	Brian	FRI
	0745z	30/09 [348/00] Weak	RNGB, Brian, Manolis	WED
	1020z	02/10 [349/00] Weak	Brian, Manolis	FRI
	0745z	07/10 [349/00] Fair	RNGB, Brian, Manolis	WED
	0745z	14/10 [344/35 54612 30493 62187 02172 49471 45506 09692 21969……89492 72264] Fair	RNGB, Brian	WED
	0745z	21/10 [347/00] Weak	RNGB, Brian	WED
	1020z	23/10 [348/00] Very weak	Brian, Manolis	FRI
	0745z	28/10 [347/00] Weak	RNGB	WED
	1020z	30/10 [349/00] Weak	Brian	FRI

18168khz	0845z	01/09 [155/00] Very weak	Brian	TUE
	0845z	03/09 [150/00] Fair	RNGB, Brian	THU
	0845z	08/09 [150/00] Good (Polish SDR)	RNGB	TUE
	0845z	10/09 [156/00] (Polish SDR)	Brian	THU
	0845z	17/09 [159/24 47963 35789 10862……] Very weak	Brian	THU
	0845z	24/09 [157/00] Weak	RNGB, Brian, Manolis	THU
	0845z	29/09 [159/00] Weak	RNGB, Brian	TUE
	0845z	01/10 [156/00] Fair	Brian, Manolis	THU
	0845z	06/10 [152/00] Very weak	Brian	TUE
	0845z	08/10 [155/00] Very weak	Brian	THU
	0845z	13/10 [156/00] Very weak	Brian	TUE
	0845z	15/10 [151/00] Weak	Brian, PLdn	THU
	0845z	20/10 [157/00] Good	Brixmis, Brian, Manolis	TUE
	0845z	22/10 [151/00] Weak	Brian	THU
	0845z	27/10 [159/33 36825 96319 57135 69571 73164 23027 60740 51403……..24879 86276] Weak	RNGB	TUE
19184kHz	0820z	02/09 [135/00] Fair (Polish SDR)	RNGB	WED
	0820z	08/09 [136/00] (Polish SDR)	Brian	TUE
	0820z	09/09 [132/00] Fair (Polish SDR)	RNGB	WED
	0820z	15/09 [138/00] Very weak	Brian	TUE
	0820z	23/09 [131/00] Very weak	Brian	WED
	0820z	30/09 [133/35 (Message blocked by a jammer)	RNGB	WED
	0820z	06/10 [133/00] Very weak	Brian	TUE
	0820z	07/10 [133/00] Very weak	Brian	WED
	0820z	14/10 [135/31 10634 85278 54484 44233 28158 96722 04729 01951……64595 69231] Weak	RNGB, Brian	WED
	0820z	20/10 [134/00] Very weak	Brian	TUE
	0820z	21/10 [132/00] Extremely weak	Brian, Manolis	WED
	0820z	28/10 [133/00] Weak	RNGB	WED
19515kHz	0715z	02/09 [754/00] Fair (Polish SDR)	RNGB	WED
	0715z	07/09 [755/00] Good (Polish SDR)	RNGB	MON
	0715z	09/09 [750/00] Good (Polish SDR]	RNGB	WED
	0715z	14/09 [752/00] Good (Polish SDR)	RNGB	MON
	0715z	16/09 [757/00] Fair (Polish SDR)	RNGB	WED
	0715z	21/09 [754/00] Fair (Polish SDR)	RNGB	MON
	0715z	23/09 [754/00] Fair (Polish SDR)	RNGB	WED
	0715z	28/09 [754/35 77587 76692 00659 17142 54440 58411 77112……50591 24619] (Polish SDR)	RNGB, Manolis, Brian	MON
	0715z	05/10 [759/00] Weak	RNGB	MON
	0715z	07/10 [754/00] Good (Polish SDR)	RNGB, Brian, Manolis	WED
	0715z	12/10 [752/33 62999 19404 12748 75559 54189 16670 76998……81297 90959] (Polish SDR)	RNGB, Brian	MON
	0715z	21/10 [759/00] Good (Polish SDR)	RNGB, Brian, Manolis	WED
20170khz	0830z	04/09 [180/00] Weak (Polish SDR)	RNGB, Brian	FRI
	0830z	07/09 [185/00] Weak	RNGB, Brian	MON
	0830z	11/09 [182/00] Extremely weak (Polish SDR)	Brian, Manolis	FRI
	0830z	14/09 [185/24 85102 10018 68028 29987 00832 86801 28523 12415……97687 33660] Good	RNGB	MON
	0830z	21/09 [182/00] Good (Polish SDR)	RNGB	MON
	0830z	25/09 [189/00] Very weak	Brian	THU
	0830z	28/09 [181/00] Very weak	Brian	MON
	0830z	02/10 [188/00] Out 0833z Strong	Manolis, Brian	FRI
	0830z	05/10 [184/00] Weak	RNGB, Brian	MON
	0830z	09/10 [181/00] Extremely weak	Brian	FRI
	0830z	12/10 [184/00] Fair (Polish SDR)	RNGB, Brian	MON
	0830z	16/10 [181/00] Weak	RNGB, Manolis	FRI
	0830z	23/10 [188/00] Very weak	Brian, Manolis	FRI
	0830z	26/10 [183/33 46000 49295 56838 45208 44749 32251 30866 05707…….86717 52818] Fair	RNGB, Manolis	MON
	0830z	30/10 [183/33 90322 74779 67172 51905 28196 67816 80086……49196 69462] New message!	Manolis	FRI
23353kHz	0600z	07/09 [942/00] Weak	RNGB	MON
	0600z	09/09 [945/00] Out 0603z Good	Manolis	WED
	0600z	07/10 [945/00] Out 0603z (Polish SDR)	Manolis	WED
	0600z	21/10 [940/00] Out 0603z Strong (Polish SDR)	Manolis	WED
26756kHz	0745z	01/09 [221/00] Fair (Polish SDR)	RNGB	TUE
	0745z	08/09 [227/00] Good (Polish SDR)	RNGB, Brian	TUE
	0745z	10/09 [223/00] Good (Polish SDR)	RNGB, Brian	THU
	0745z	17/09 [228/00] Good (Polish SDR)	RNGB, Brian	THU
	0745z	22/09 [225/36 71605 80064 64806 54368 20765 80593 05865……38323 90461] (Polish SDR)	RNGB	TUE
	0745z	29/09 [220/00] Good (Polish SDR)	RNGB	TUE
	0745z	01/10 [225/00] Good (Polish SDR)	RNGB	THU
	0745z	06/10 [229/00] Good (Polish SDR)	RNGB, Brian	TUE
	0745z	08/10 [228/00] Good (Polish SDR)	RNGB	THU
	0745z	13/10 [228/00] Fair (Polish SDR)	RNGB, Brian	TUE
	0745z	15/10 [221/00] Good (Polish SDR)	RNGB	THU
	0745z	20/10 [223/00] Extremely weak	Brian, Manolis	TUE
	0745z	22/10 [224/00] (Polish SDR)	Brian, Manolis	THU
	0745z	27/10 [229/37 14376 97711 42534 96003 54143 52431 27723……78647 94505] Polish SDR	RNGB	TUE

PoSW logs

5737 kHz, 2000 UTC:-
6-Sept-26, Sun:- "525/00"
13-Sept-26, Sun:- "527/00"
20-Sept-26, Sun:- "520/31", message, "Out" at 2009:33s UTC.
24-Sept-26, Thu:- "525/00"
27-Sept-26, Sun:- "521/00"
1-Oct-26, Thu:- "521/00"
8-Oct-26, Thu:- "525/00"
18-Oct-26, Sun:- "520/00"

6923 kHz, 1715 UTC:-
2-Sept-26, Wed:- "977/00"
4-Sept-26, Fri:- "974/00"
16-Sept-26, Wed:- "977/00"
18-Sept-26, Fri:- "978/00"
23-Sept-26. Wed:- "970/00"
30-Sept-26, Wed:- "976/00"
7-Oct-26, Wed:- "975/40", message, "Out" at 1726:26s. A group count of forty seems to be the highest from this number station – unless someone knows otherwise.
14-Oct-26, Wed:- "975/00"
21-Oct-26, Wed:- "978/00"

7317 kHz, 1900 UTC:-
7-Sept-26, Mon:- "649/00"
14-Sept-26, Mon:- "647/00"
17-Sept-26, Thu:- "644/00"
24-Sept-26, Thu:- "640/00"
28-Sept-26, Mon:- "649/35", message, "Out" at 1910:13s UTC.
1-Oct-26, Thu:- "649/35" again.
19-Oct-26, Mon:- "641/00"
26-Oct-26, Mon:- "649/00"

8180 kHz, 0700 UTC:-
15-Sept-26, Tue:- "579/00"
18-Sept-26, Fri:- "577/00"
22-Sept-26, Tue:- "570/00"
25-Sept-26, Fri:- "574/00"
29-Sept-26, Tue:- "570/31", message, "Out" at 0709:30s UTC.
2-Oct-26, Fri:- "570/31" again.
9-Oct-26, Fri:- "579/00"
20-Oct-26, Tue:- "575/00"
23-Oct-26, Fri:- "576/00"

8530 kHz, 1910 UTC:-
6-Sept-26, Sun:- "611/00"
11-Sept-26, Fri:- "618/00"
13-Sept-26, Sun:- "612/00"
18-Sept-26, Fri:- Missed start, tuned in at 1914z to find message in progress, after "attention" repeat began "93241 29948 62563...", "Out" at 1920:57s UTC.
20-Sept-26, Sun:- "611/38", message as on the 18th.
25-Sept-26, Fri:- "614/00"
27-Sept-26, Sun:- "610/00"
2-Oct-26, Fri:- "617/00"
11-Oct-26, Sun:- "618/31", message, "Out" at 1919:26s UTC.
16-Oct-26, Fri:- "618/00"
18-Oct-26, Sun:- "613/00"

12202 kHz, 0845 UTC:-
7-Sept-26, Mon:- "713/00"
14-Sept-26, Mon:- "714/00"
16-Sept-26, Wed:- "713/00"
21-Sept-26, Mon:- "710/00"
23-Sept-26, Wed:- "718/00"
28-Sept-26, Mon:- "710/36", message, "Out" at 0855:28s UTC.
30-Sept-26, Wed:- "710/36" again.
7-Oct-26, Wed:- "715/00"
14-Oct-26, Wed:- "718/32", message, "Out" at 0854:41s UTC.
19-Oct-26, Mon:- "718/00"

13117 kHz, 0900 UTC:-
7-Sept-26, Mon:- "538/00"
14-Sept-26, Mon:- "534/31", message, "Out" at 0909:27s UTC.
16-Sept-26, Wed:- "534/31" again.
21-Sept-26, Mon:- "533/00"
23-Sept-26, Wed:- "537/00"
28-Sept-26, Mon:- "536/00"
30-Sept-26, Wed:- "534/00"
7-Sept-26, Wed:- "537/00"
14-Oct-26, Wed:- "533/00"
19-Oct-26, Mon:- "532/00"

13470 kHz, 1745 UTC:-
6-Sept-26.. Sun:- “232/00”
7-Sept-26, Mon:- “248/00”
13-Sept-26, Sun:- “245/00”
14-Sept-26, Mon:- “246/37”, message, “Out” at 1755:40s UTC.
20-Sept-26, Sun:- “242/37” again.
21-Sept-26, Mon:- “240/00”
Nothing heard from this one on any other Sunday or Monday in the remainder of September or in October, “with any receiver and antenna combination at my disposal”. Either propagation has been bad or this one has gone.

14972 kHz, 1430 UTC:-
15-Sept-26, Tue:- “919/00”
19-Sept-26, Sat:- “918/00”
22-Sept-26, Tue:- “914/00”
29-Sept-26, Tue:- “912/00”
6-Oct-26, Tue:- “911/00”
13-Oct-26, Tue:- “918/00”
17-Oct-26, Sat:- “918/00”
20-Oct-26, Tue:- “910/36”, message, “Out” at 1440:30s UTC.
24-Oct-26, Sat:- “910/36” again.
27-Oct-26, Tue:- “910/00”

S06

RNGB emailed to say there had been no reports of S06; last Saturday [07/11] PoSW’s envelope arrives [a post man appears!] and he writes:

Long-Standing S06 Schedule Gone (?):-
Nothing heard from the first + third Fridays in the month S06 Russian Man. For some time this one has been appearing at the same times and frequencies as in any month in the previous couple of years with call “842”. It was heard in the spring and summer months as expected, the last occasion being 21-August at 1900 on 11149 and 2000 on 9205.
The frequencies used in September and October of 2024 and 2025 were 9925 and 7505, at 1900 + 2000 UTC in Sept and 2000 + 2100 in Oct. Listening for this schedule in Sept and Oct in this year at the expected times has resulted in “nothing heard” and a tune around in case other frequencies were being used also proved to be fruitless.
Propagation did not appear to be an issue, at least with regard to 7505, marker beacons “D” and “S” were good signals just above 7508 on each occasion. Also, this schedule had been sending the “no message” routine each month except for twice in a year when a message was transmitted once in late spring or early summer and again in late autumn or early winter, so spaced by roughly six months. The last time a message was heard appears to be on 21-Nov-25 - unless someone knows otherwise - consisting of fifty-one 5F groups, so based on past observations a message might have been expected on Fridays 15-May or 5-June of this year, but both were of the four minute “no message” variety.

S11a log Sept/Oct

6433kHz	0830z	05/09 [373/33 49301……67692] Konyets 0842z Weak	PLdn	SAT
	0830z	12/09 [372/00] Good	Manolis	SAT
	0830z	13/09 [373/00] Fair	RNGB	SUN
	0830z	19/09 [379/00] Konyets 0833z Weak	PLdn	SAT
	0830z	20/09 [373/00] Good	RNGB	SUN
	0830z	26/09 [372/00] Strong	RNGB	SAT
	0830z	27/09 [373/00] Konyets 0833z Fair	PLdn	SUN
	0830z	03/10 [372/00] Good	RNGB, PLdn, Manolis	SAT
	0830z	04/10 [378/00] Konyets 0833z Strong	Manolis	SUN
	0830z	10/10 [377/00] Good	RNGB, PLdn	SAT
	0830z	17/10 [370/00] Konyets 0833z Weak	PLdn	SAT
	0830z	18/10 [377/00] Konyets 0833z Weak	PLdn	SUN
	0830z	24/10 [373/00] Konyets 0833z Weak	PLdn	SAT
	0830z	25/10 [370/00] Good	RNGB, PLdn	SUN
	0830z	31/10 [379/40 61933 37559 25425 67631 48428 52420 08973 01659……00701 55086] Good	RNGB	SAT
6480kHz	1040z	04/09 [485/00] Good	RNGB	FRI
	0915z	07/09 [485/00] Fair	RNGB	MON
	1040z	11/09 [482/00] Weak	RNGB	FRI
	0915z	14/09 [485/00] Good	RNGB	MON
	0915z	21/09 [480/39 14361 56367 95780 42593 41727 97970 81633 07298……43826 58008] Fair	RNGB	MON
	0915z	12/10 [484/00] Fair	RNGB	MON
	1040z	16/10 [485/00] Fair	RNGB, Manolis	FRI
	0915z	26/10 [484/00] Konyets 0918z Strong (Polish SDR)	Manolis	SUN

8597kHz	0700z	03/09 [479/00] Strong	RNGB, PLdn	THU
	0700z	07/09 [476/00] Good	RNGB	MON
	0700z	10/09 [476/00] Good	RNGB, PLdn	THU
	0700z	14/09 [478/33 61718 69126 44694 87129 70042 01287 84011 79091……15027 42155] Good	RNGB	MON
	0700z	21/09 [472/00] Good	RNGB	MON
	0700z	24/09 [470/00] Good	RNGB, Manolis	THU
	0700z	28/09 [476/00] Strong (Twente SDR)	Manolis	MON
	0700z	01/10 [472/00] Strong	RNGB, PLdn	THU
	0700z	05/10 [479/00] Good	RNGB	MON
	0700z	08/10 [470/00] Good	RNGB, Manolis	THU
	0700z	12/10 [470/00] Good	RNGB	MON
	0700z	15/10 [475/00] Good	RNGB	THU
	0700z	22/10 [470/39 33694 73561 26579 82789 90194 37628 53945 13099……60097 41501] Weak	RNGB, Manolis	THU
	0700z	29/10 [472/00] Strong	RNGB, PLdn	THU
10213khz	1850z	02/09 [288/00] Konyets 1853z Strong	PLdn	WED
	1850z	05/09 [286/00] Good	RNGB, PLdn	SAT
	1850z	09/09 [288/00] Konyets 1853z Strong	PLdn	WED
	1850z	16/09 [287/38 42947…….31267] Konyets 1903z Strong	PLdn	WED
	1850z	23/09 [280/00] Konyets 1853z Strong	PLdn	WED
	1850z	26/09 [287/00] Konyets 1853z Strong	PLdn	SAT
	1850z	30/09 [281/00] Konyets 1853z Strong	PLdn	WED
	1850z	03/10 [285/00] Konyets 1853z Strong	PLdn	SAT
	1850z	07/10 [285/31 38761……..87869] Konyets 1901z Strong	PLdn	WED
	1850z	14/10 [284/00] Konyets 1853z Fair	PLdn	WED
	1850z	17/10 [288/00] Konyets 1853z Fair	PLdn	SAT
	1850z	21/10 [280/00] Konyets 1853z Weak	PLdn	WED
	1850z	24/10 [281/00] Konyets 1853z Weak	PLdn	SAT
10728khz	0445z	01/09 [799/39 18234 08424 30339 02750 52924 64024 79843 54161……86232 65991]	Ary	TUE
11420kHz	1400z	01/09 [429/00] Konyets 1433z Weak	PLdn	TUE
	1400z	04/09 [424/00] Konyets 1433z Fair	PLdn	FRI
	1400z	08/09 [421/00] Konyets 1403z Fair	PLdn	TUE
	1400z	11/09 [429/00] Konyets 1403z Fair	PLdn	FRI
	1400z	15/09 [421/34 37170…….36457] Konyets 1412z Fair	PLdn	TUE
	1400z	25/09 [420/00] Weak	Gary H, PLdn	FRI
	1400z	29/09 [425/00] Konyets 1403z Weak	PLdn	TUE
	1400z	02/10 [429/00] Konyets 1403z Fair	PLdn	FRI
	1400z	06/10 [420/00] Konyets 1403z	PLdn	TUE
	1400z	09/10 [429/00] Strong	RNGB, PLdn	FRI
	1400z	13/10 [420/00]	Gary H	TUE
	1400z	16/10 [420/37 34612……..87235] Konyets 1412z Fair	PLdn	FRI
	1400z	20/10 [426/00] Konyets 1403z Weak	PLdn	TUE
	1400z	23/10 [424/00] Konyets 1403z Fair	PLdn	FRI
	1400z	27/10 [422/00] Konyets 1403z Fair	PLdn	TUE
19606kHz	0735z	11/09 [384/00] Fair (Polish SDR)	RNGB	FRI
	0735z	16/09 [384/00] Weak (Polish SDR)	RNGB	WED
	0735z	18/09 [381/00] Fair	RNGB	FRI
	0735z	23/09 [387/31 97983 78104 07110 70032 41119 21139 09917…….30755 02791] Very weak	RNGB	WED
	0735z	30/09 [387/00] Fair (Polish SDR)	RNGB	WED
	0735z	02/10 [389/00] Konyets 0738z Strong	Manolis	FRI
	0735z	07/10 [385/36 50211 38282 84176 99512 69109 03457 83534…… 93127 03108] Fair	RNGB, Manolis	WED
	0735z	14/10 [383/00] Fair (Polish SDR)	RNGB	WED
	0735z	16/10 [387/00] Konyets 0738z Strong (Polish SDR)	Manolis	FRI
	0735z	21/10 [383/00] Fair (Polish SDR)	RNGB, Manolis	WED
	0735z	23/10 [382/00] Konyets 0738z Strong (Polish SDR)	Manolis	FRI
	0725z	28/10 [389/00] Fair (Polish SDR)	RNGB	WED
	0725z	30/10 [384/00] Konyets 0738z Strong	Manolis	FRI
23004kHz	0510z	21/10 [655/00] Strong (Polish SDR)	Manolis	WED

V07

Sunday

September 2026

0200z 17431kHz 0220z 16131kHz 0240z 14431kHz

20/09

.2:00-2:16UTC on 17431khz USB synth female voice in spanish 5 figure groups poor signal.
2:20-2:36UTC on 16131khzUSB same as above. 2:40-2:56UTC on 14431khzUSB same as above same message repeated. Daryl SUN

October 2026

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

Starting with October Daniel noted ‘Propagation improved last wee’k:
[Proagation noted as very variable in Northern hemisphere too].

18217kHz 0200z 11/10 238 1 5266 125 98079 ... 39295 000 000 QSA2 QSB2 DanAR SUN

238 238 238 1
5266 125
98079 464?2 99097 52892 78779
27771 78014 3681? 12746 ?8997
10412 57514 07548 47961 81051
55613 31449 88781 52394 56566
76460 48198 23813 79361 17896
83367 26642 52478 95870 93231
?2783 86472 32152 17679 88253
84953 41124 95691 28186 71805
50242 61775 08946 83668 70641
68750 93158 09878 52478 72921
7?051 60813 75339 ?7837 37183
5?674 74759 76291 78461 04474
6??07 21?23 43406 ?0656 506?5
70816 ?9744 7?146 21572 ??121
26?24 97619 ?3525 0?544 18598
55764 1?927 31?12 88552 95284
94?93 0378? 5?446 95927 96976
81279 11222 7??57 ?98?7 897??
5?896 2396? ?4931 3284? 300?9
85751 5?188 7???4 389?1 939?2
98362 15119 91661 ???13 995?9
581?8 19235 661?7 39029 588?0
18?59 86?61 64150 ?293? ?997?
?2644 59406 52362 58906 2233?
96405 13379 42215 61974 39295
000 000 *Courtesy DanAR*

18217kHz 0200z 18/10 238 1 4515 60 93552 ... 10573 000 000 QSA2 DanAR SUN

238 238 238 1
4515 60
93552 17504 65030 41853 56891
10391 40604 89814 51970 91583
73779 38758 97728 48122 57366
36372 28692 32352 94308 21802
92282 26257 72824 81645 44137
39503 12506 62258 89493 91574
66162 11217 33521 32814 48625
49342 94428 59871 18788 10233
07536 42694 74798 07491 98666
53519 59205 19142 57445 38369
56383 14402 97406 21462 53485
08649 82307 87784 88957 10573
000 000 *Courtesy DanAR*

16317kHz 0220z 25/10 238 1 7197 87 25668 ... 32535 000 000 QSA3 DanAR SUN

238 238 238 1
7197 87
25668 40754 68718 75030 47342
07322 12182 47211 18647 67757
59311 93406 71308 49434 01039
04703 19819 08037 14775 93516
44379 89392 68243 31404 80873
17770 88215 43855 71363 15672
15170 62060 86030 69685 64483
34319 44412 95567 71967 38897
65077 91866 19100 81440 90024
11955 83936 72692 77044 06736
43893 65877 46908 54871 73232
95370 37471 23958 86664 66468
07738 88545 24568 70755 93792
97631 15609 07744 70694 94251
65825 83418 81650 62807 84562
78049 07118 09241 57281 40177
10658 53064 01525 43212 43457
63191 32535 000 000
Courtesy DanAR

V13

No Reports

V26

No Reports

Polytones

XPA1 Wed/Fri

Wednesday/Friday

September 2026

1210z	**12137kHz**	**1230z**	**11137kHz**	**1250z**	**10237kHz**	
02/09		112 1 04406 00407 30340 ... 17160		[6m37s lg]		1210z Fair, rest Weak, QSB3/4
04/09		112 1 04406 00407 30340 ... 17160		[6m37s lg]		1210z Fair, rest Weak

112 112 112 1 112 112 112 1 112 112 112 1

04406 00407 30340 51477 69553 46535 35796 50630 18066 44508
31671 52281 33280 52938 98713 89003 46250 69792 12638 56146
32322 47868 11329 50073 42424 15779 35650 51276 19918 70079
59455 12337 05644 29667 06398 37002 70046 10754 56779 57450
17693 51130 63622 22344 95306 79220 85923 50914 22658 61370
18054 36966 34155 98339 24948 73345 59041 78154 52650 59660
59650 45503 55389 88822

61994 28826 64442 59377 13391 34344 88577 01251 50315 87021
81317 16795 32130 95776 37033 13562 69288 92322 56568 99465
08938 08665 14638 12432 65603 81442 27335 78574 38965 43586
60275 81125 46552 17528 87566 89088 18525 95575 19999 40567
28623 30697 64084 09862 69049 35971 49555 47652 70217 94691
50798 64740 29823 39576 33717 70971 15686 38120 72412 53914
38896 88346 14764 37390

16861 15790 60323 86791 54182 65782 03665 78681 72784 88195
16400 70706 93537 47217 72489 57195 86271 95250 17260 13672
40838 52157 30300 37571 00547 30244 55377 27056 74674 49804
33525 43020 08283 03584 03322 87651 40355 07336 36932 52251
17673 19193 78650 03057 48051 95186 34717 34694 75227 23811
12246 75032 61449 58965 30819 82576 19668 38628 26170 00762
76830 36298 96439 14689

70316 52802 84730 64358 98552 70000 89649 51771 21990 22092
42703 34958 20644 02115 07814 22052 58841 75227 65883 23900
36319 63608 12569 14858 60331 99939 44976 93998 23020 77907
76570 12558 83763 26723 34125 54710 03582 55497 78092 76522
54612 04367 73657 71136 33872 45376 91355 87860 02316 48729
00570 98414 13611 91660 63309 36097 70378 71684 70047 75301
94091 30884 56309 50319

95269 38314 30894 11061 72347 47965 11701 77357 76486 99496
32065 43383 78686 78196 38250 56057 08311 86793 33396 49241
56145 65887 71705 92229 88870 89761 82112 38540 84725 63392
65392 46132 38704 29000 54563 02155 83618 32331 74106 07719
48194 68457 06922 45946 78952 33702 87345 22919 46641 52131
21950 81743 90236 49201 09934 73652 85427 75556 22576 03656
66094 06443 32048 84252

26745 65283 18811 07599 05599 97376 48761 56507 32745 90330
71104 57609 96056 50836 78945 30632 39614 56184 44291 39469
87087 81704 73550 16349 30347 74075 96089 49099 01246 92044
50266 05919 65078 99694 33473 09642 33329 83874 92296 42713
79205 41510 88947 23935 85067 99410 31550 37742 30532 26336
42106 16703 73168 08828 50350 15837 06873 15739 12456 96317
57472 82874 26779 55734

56172 72245 71566 39751 28494 78684 09975 99213 87742 15669
75292 01141 19265 57322 76763 17150 35580 32662 38454 99151

65400 71258 35391 51991 79596 17160 *Courtesy PLdn*

09/09	112 1 04406 00407 30340 ... 17160	1210z Fair, rest Weak
11/09	112 1 04406 00407 30340 ... 17160	1210z Strong, rest Weak
16/09	112 000 07476 00001 00000 ... 10140	Weak, 1210z QSB2
18/09	112 000 09619 00001 00000 ... 10140	1210z Fair, rest Weak
23/09	112 000 04147 00001 00000 ... 10140	Fair
26/09	112 000 07364 00001 00000 ... 10140	1230z Weak, rest Strong
30/09	112 1 08587 00136 81810 ... 16325	1250z Weak, rest Strong

October 2026

1210z 14564kHz 1230z 13564kHz 1250z 11464kHz

02/10	554 1 08587 00136 81810 ... 16325	1230z Weak, rest Fair

554 554 554 1 554 554 554 1 554 554 554 1

08587 00136 81810 43964 32072 10039 97928 85470 44777 56241
82161 67773 44999 98567 55850 62232 87246 93084 84565 82288
41535 83233 70128 16089 92510 83139 84624 58155 19250 19890
24685 32966 85909 07188 12810 35036 47728 78214 38754 67387
69752 45178 40811 25406 84440 80428 16410 16079 87473 70196
83592 95581 74424 86657 92616 49292 46904 70813 00954 58880
09542 59055 05415 27067

61292 38672 24870 26001 76731 05659 81898 51110 37765 60562
44538 72251 48445 75046 28616 08258 01160 59265 58784 70339
28925 99372 53790 30862 17310 83045 11719 50686 40204 80728
97770 22742 11066 87504 13060 51878 05770 52755 65106 29082
90786 32359 90833 16613 94141 43583 07740 66937 76688 44187
71317 00838 61176 14820 14003 54297 27782 85378 56758 83031
24491 57213 07270 52808

93186 62765 31777 53853 46147 18121 54531 15091 70238 96577
16325 *Courtesy PLdn*

07/10	554 1 08587 00136 81810 ... 16325	1210z Weak,QRM2, rest Fair
09/10	554 1 08587 00136 81810 ... 16325	Fair
14/10	554 1 09000 00345 88999 ... 11444	1210z Strong, rest Fair, 1230z QRM3

554 554 554 1 554 554 554 1 554 554 554 1

09000 00345 88999 71613 62232 02287 19101 06914 50082 72167
97775 55689 57225 13941 99697 97592 95615 41417 04380 70416
53407 66739 61247 02886 49951 00530 86892 49387 02231 98924
28137 72294 43698 44365 74994 04595 58499 98072 83960 07992
53229 39823 18118 19596 82821 34688 40446 33414 09884 35631
69281 88011 31760 98016 06622 55911 26992 38478 89569 60996
49790 47804 91250 62432

55756 82942 72732 37279 22365 32126 97041 74182 24333 26117
12631 09733 42581 68510 64958 18973 84677 41097 59359 29735
28796 95302 66322 57636 70322 04621 50504 49511 00503 95378
99987 60717 90351 27267 06023 09727 16902 56793 00827 76574
29676 25963 06032 69232 40991 57007 93631 30455 22906 97482
37812 10446 14059 55219 48652 06658 78622 65368 13748 18829
77312 74581 00061 56882

12442 34340 53378 67349 25706 96991 43408 48298 93302 93250
84335 83073 66184 18038 63202 18703 01227 88218 25795 74788
37088 26872 85243 32588 97968 46691 45303 64820 72259 43752
76668 85150 73316 71507 70561 01623 73019 05816 05768 27553
33562 06554 56214 11651 11611 46423 55995 32619 92639 89097
94387 05544 27024 93005 54591 22437 66822 09806 09970 60024
46111 50046 96008 93593

57429 71877 60193 00621 58445 29163 37230 83669 10945 46963
40491 78078 76562 91007 96174 47369 20294 70977 85843 79725
44065 69530 54921 75664 97022 59358 90869 23989 97492 99330
46738 99476 00674 06767 74805 06762 83867 07819 73194 81992
17716 27242 25674 14381 30538 03346 04648 19475 56572 77090
36544 24532 24912 01410 16733 11375 45217 75898 99693 81654

88109 49835 19419 73088

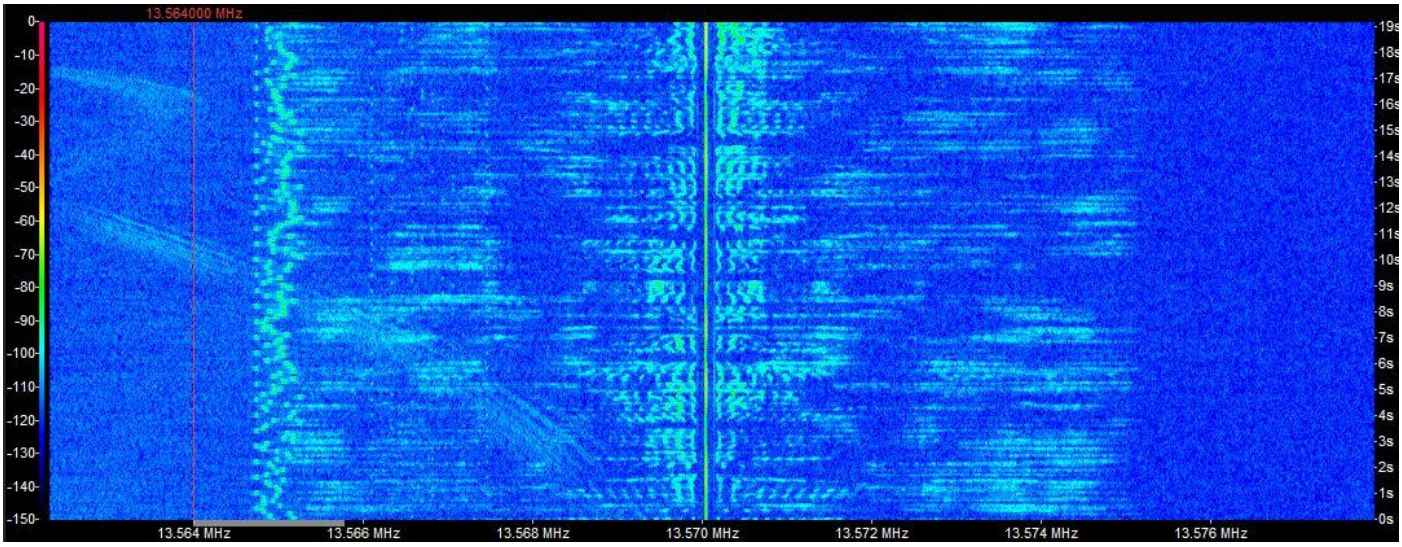
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07919 37292 66257 23328 22336 44582 25347 87584 13776 38526
22904 55979 89043 75368 53243 71021 25028 97583 33193 49112
01346 11392 95272 45750 41017 29648 45696 32702 26327 24562
97746 46447 62045 38811 74611 81875 53222 45046 13823 72349
71860 86133 40405 82712 03328 50550 50209 31360 63270 89380
24663 74427 73742 89077

73006 27038 23053 39948 54453 36024 02555 19381 72833 40389
57285 63109 76128 25864 21359 63631 43000 96940 63979 57363
59721 36699 53925 12312 82807 27615 12508 11444

Courtesy PLdn

21/10 554 1 09000 00345 88999 ... 11444 1250z Weak, rest Fair

23/10 554 1 09000 00345 88999 ... 11444 1210z Fair, rest Weak



13564kHz 1260z 28/10 edge of BC Stn side band ©PBeaumont 2026

28/10 554 1 07120 00258 24037 ... 63350 Strong [13564kHz edge of sideband BC Stn; see image above]

554 554 554 1 554 554 554 1 554 554 554 1

07120 00258 24037 71357 42517 49405 32547 57192 96806 76351
11269 43117 50700 54049 82412 68476 59471 01234 12821 77829
65939 13478 04317 99890 32962 62833 02983 40773 31024 02635
04973 58530 69294 40575 94327 27422 59842 84254 89276 87687
15352 10350 09508 06197 29818 11444 02017 37580 41671 56518
77524 61182 85753 76789 45464 18500 39116 07816 44345 07398
67509 42588 97994 50607

74435 09531 46473 21216 28712 37161 53387 22698 27168 81680
04797 06962 89971 40355 07640 94180 18264 74098 64441 23364
57757 26377 28232 12768 80769 06674 75493 77565 27080 99316
68426 09990 29471 35758 88667 49974 99902 36524 90930 72300
87038 89106 41891 64898 27581 66553 06906 50837 92918 35546
16812 14183 43649 38035 43660 00191 72637 64127 73769 44825
76472 19019 73625 31050

59780 06467 22280 54187 81370 95377 80278 78162 84143 09275
27879 53446 12667 42178 32084 24672 61936 63063 62741 92145
16010 10336 17853 08507 98167 53266 71366 99586 14011 40498
91361 33114 07826 05464 90210 96730 69874 23536 56221 72451
32103 03322 98115 95934 60132 75348 37012 09660 46922 21642
60939 42960 69180 19830 82740 14199 76591 30657 60302 36312
54370 97958 53258 82240

67446 19049 53216 18319 36519 21541 52568 93871 96126 34354
52586 93455 35022 28716 74760 66647 58909 88975 42832 37399
28172 52068 51596 62641 02037 54165 64178 95396 35300 27019
83310 79691 04784 23641 61245 40305 08293 74746 61107 62017
71122 59311 92168 08680 68704 94512 32045 59555 76084 89505
92112 59386 67226 80719 59264 64420 14119 91911 53805 72668
70739 10600 05716 12079

99577 73943 33699 16511 63550 *Courtesy PLdn*

30/10 554 1 07120 00258 24037 ... 63350 Fair, 1230z QRM3

XPA2 Mon/Wed

Monday/Wednesday

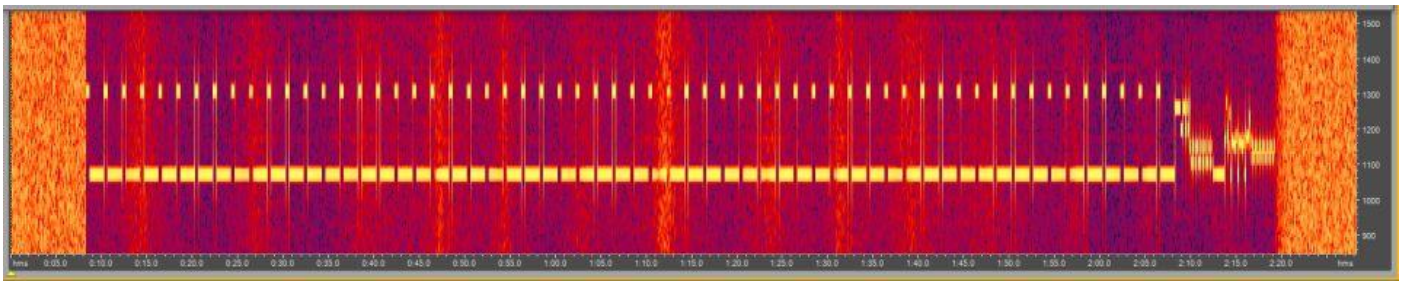
September 2026

0700z 16113kHz 0720z 17497kHz 0740z 18179kHz

02/09 0922 00212 83723 … 50374 Strong [4m53s lg]

00922 00212 83723 48490 04557 58846 27619 57380 44126 65488
07761 21937 66387 28169 50716 76259 38004 34079 22994 96198
00353 46567 42241 47280 67372 03990 78260 88780 72211 10625
83346 63461 23195 54330 12069 38056 29398 85497 73142 23736
85943 45150 54558 40450 16006 01079 84403 49235 17516 95867
60124 22480 31661 35379 54805 83882 12893 56970 12429 32448
58070 15072 41104 56874 24725 77773 55673 66057 45684 18764
48803 01162 26905 16785 14802 26298 11426 85495 34026 14040
39155 21123 00585 81770 46564 58286 35441 43406 59563 20267
96116 14818 28431 51482 03386 24199 19931 33350 26702 43655
57292 73766 65880 07431 99468 47456 83833 09915 10833 06378
22286 07526 76557 02804 66939 84637 90281 14983 59481 70010
49245 85589 97726 87785 14892 10215 53409 26025 80477 75742
83161 54960 07468 94677 66257 81799 53065 31135 27547 22239
04404 24390 84797 20762 18728 80758 27913 95482 31537 35471
66160 86486 96076 63075 47630 79634 14935 13166 52265 95831
61780 91990 79084 69476 33530 72337 71966 84494 42718 46828
40980 08950 34114 21385 35890 29630 24647 13013 94420 41802
07124 04233 58854 36376 14733 24985 70483 03496 26917 31732
59421 95694 87641 99841 00369 94692 11418 73832 77846 43625
86064 13880 59935 85059 19209 61663 42637 89954 32898 11406
89985 46855 69315 44537 50374 *Courtesy PLdn*

07/09 07067 00001 00000 ... 10140 0740z Strong, rest Very strong



09/09 07115 00001 00000 ... 10140 Strong [as above 2m11s lg]

14/09 09369 00001 00000 ... 10140 Strong, 0740z QRM2

16/09 04515 00001 00000 ... 10140 0700z Very strong, rest NRH

21/09 00276 00429 82895 ... 21773 0700z Strong, rest Fair

00276 00429 82895 32556 58233 15241 53506 79694 07054 95512
66378 05393 63819 80182 97021 78975 94443 55093 73298 82044
69939 47253 86706 28506 07748 96053 17618 20944 75558 54665
77978 21319 08346 68818 64924 62072 36037 28188 08615 95765
01074 64889 08787 81781 46030 14728 78408 72216 94544 75265
82448 54461 03881 40726 01199 72605 00368 46748 63343 61854
79554 11671 44617 21084 11190 04776 73782 29425 21073 85040
86804 42937 03254 18985 61895 73583 46758 80111 87929 61910
67401 12460 91710 70384 51258 63151 59016 49198 74360 96018
49650 82397 19336 36752 74796 91720 63825 44759 86554 64624
19700 78441 48652 60958 29723 64691 36076 32382 40506 75482
58632 38333 57070 24706 25022 79762 86744 01426 77718 98033
13587 35685 63125 95135 47562 13824 13200 62641 79003 80414
42189 75929 36404 14546 13395 10173 56886 84289 68045 54025
36719 48576 66348 56902 08058 71563 62002 75491 20861 04995
08968 17727 45511 07033 15377 50326 72835 61353 99240 25196
38547 37469 66821 78488 47454 77397 63391 10656 38633 30102
46472 24156 59298 33293 03723 41762 60129 61545 76694 77261
29753 86069 63907 15061 61007 89583 95744 04088 04081 91295
10961 61002 52403 90684 66555 47480 94617 83890 88423 68543
46098 97451 96173 28656 97905 93648 58997 94452 57050 36225
44978 63269 34039 16858 94553 83164 28133 86155 61142 14652
01180 69684 34774 02053 93602 07329 27250 59559 00131 77883
97370 04690 99278 67675 74073 05751 59275 84074 62219 93630
92056 68695 84551 21474 17841 85105 67876 22883 81736 10746

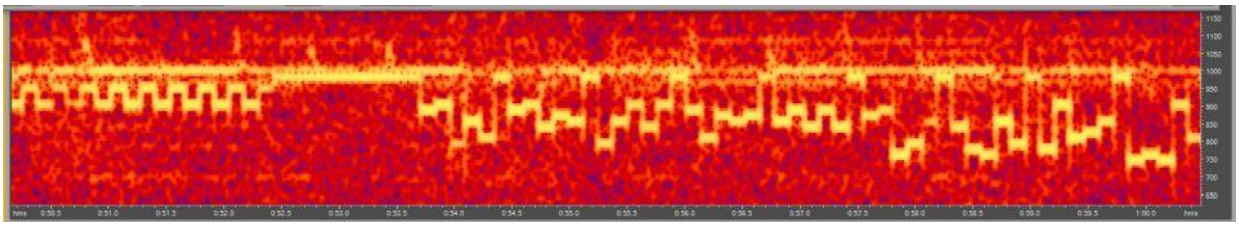
62694 70613 62300 33297 01903 78974 71192 31089 03076 96660
56212 78525 17798 46955 15743 01228 75907 75035 21328 46374
45341 58708 83373 04906 20000 74715 40759 81656 16915 13995
10813 88164 84258 58285 25018 38203 14465 27235 57600 86696
09124 92984 29346 59415 11830 61558 00426 90980 82366 66449
09950 54402 68340 98892 45721 28759 52260 58345 74971 04746
21574 14580 87480 95425 10297 56410 07815 04122 71864 44010
12837 97276 11975 70349 20929 38364 14201 62279 01139 95662
17620 86690 86063 43883 07965 53498 76420 12935 99884 25941
01661 09061 36890 29313 89198 50061 79678 58089 14941 32694
95788 70735 99806 80502 69458 99940 28486 74205 49799 19054
23847 44664 69230 28698 85017 21473 73662 40634 02093 65044
29424 41862 57855 43648 35793 31228 37297 08830 41796 34938
93848 50636 42757 80389 09203 15334 56628 62912 98873 88412
22804 72178 22866 06165 87708 08809 30948 97006 42326 08050
91121 81597 57481 44452 83372 20007 37453 73708 86248 85227
96016 88641 96409 58357 92077 02494 23777 60022 46487 51618
32584 69992 92388 13242 89663 01921 67096 18399 67872 09274
28633 21773 *Courtesy PLdn*

23/09	00276 00429 82895 ... 21773	0740z Fair, rest Strong
28/09	00276 00429 82895 ... 21773	Strong, 0720z QRM2
30/09	00276 00429 82895 ... 21773	0740z Weak, rest Strong

October 2026

0700z 16279kHz 0720z 17472kHz 0740z 18726kHz

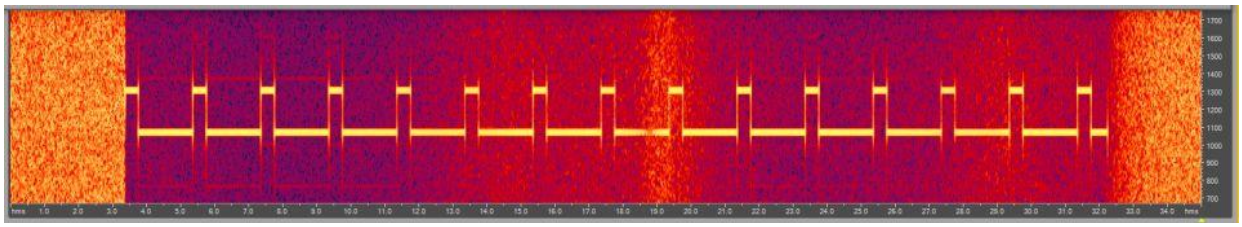
Here's a funny one! Following a minor solar storm and a K5 value the signals at my QTH were exceedingly weak.I managed to find the sendings, albeit with some difficulty; thank heavens for the ~6m09s duration. Viewing my recording of the 0720z sending I noted the tones were inverted. No idea if my equipment or what; the next at 0740z, although found halfway through the sending, was correct. This image illustrates:



05/10	00625 00312 62235 … 42273	0740z Weak, rest Very weak
07/10	00625 00312 62235 ... 42273	Strong

00625 00312 62233 05121 20303 10862 37826 77542 98995 08960
47194 67974 57396 29625 75996 65618 03581 18633 73830 58381
97010 16193 39787 09318 31688 03995 92555 83007 45043 63756
52672 37795 77412 12031 84823 97079 06361 74431 13591 63958
65754 29816 14406 80335 16918 30357 45369 11915 39416 00220
59879 32498 49183 25113 40852 82648 60491 26125 08873 73445
61589 72807 36817 28639 54239 58926 78594 10598 82651 19724
17511 18926 44106 06617 15830 10653 52614 65286 17847 67098
30877 10242 56935 48956 77645 40283 71368 10336 47365 76467
97173 26890 31995 33676 54023 21290 82965 14678 20197 80046
21166 90617 36887 26339 25306 97280 87550 27090 48890 10426
88320 14224 47385 49425 66693 33926 44956 52070 76510 35699
04447 52698 57897 32880 54196 85874 58817 31634 72478 69900
60736 26992 97999 78428 78245 16807 11843 45890 86880 05585
53527 82006 25049 63690 80927 83623 90785 31750 75436 05455
45101 07386 71607 86400 93584 62616 96967 06809 56537 73294
75785 53851 18262 29438 30873 52170 25363 71808 37699 18444
04425 37160 95995 86941 88486 75326 59906 54897 43759 44656
72839 85903 52289 17299 71903 06712 47719 84968 34450 47422
09995 42939 78453 97610 45024 26236 82174 87368 99272 46069
80366 87999 46509 17448 57501 78661 04108 56904 95220 34825
68233 79827 60610 25429 39498 50789 55328 32212 23915 06633
07205 43393 70306 14745 08100 08345 87275 48880 57783 27368
48031 91503 56710 01796 08241 22173 36968 32981 55149 17596
54043 84737 37357 59904 58416 54465 38832 11596 78304 27372
25708 14560 56576 70230 25231 48738 12519 08728 07975 50994
76804 55624 98668 54934 37985 04062 74017 90648 33235 79305
92957 41997 06073 44149 19637 05781 05256 29039 57165 89237
01701 47495 11717 43090 34048 84505 61198 50762 90810 58156
02726 09625 14466 06147 32838 23175 96501 42595 36496 32818
91759 56834 17289 70793 78151 06371 55809 48635 22324 39590
20979 32141 69812 56902 42273 *Courtesy PLdn*

12/10	00625 00312 62235 ... 42273	0700z Fair, rest Weak	Hiram	Mon
14/10	00625 00312 62235 ... 42273	Strong		



19/10	00533 00139 30485 … 62445	0700z Strong, 29s intro only [*see above*], 0720z Fair, 0740z Strong

00533 00139 30485 73111 87530 18570 55377 85205 85834 40854
76687 24638 39228 20108 73144 53630 20689 02759 12643 74024
50238 55064 78825 14322 33571 40526 58408 07468 69771 22088
46895 22472 53929 36267 36575 80004 24953 60116 02192 99188
52046 33713 58604 26442 37539 96202 92290 85375 35736 09181
13014 94571 26079 45203 53124 65807 58455 72892 41726 67077
74787 29872 10476 72770 60649 78544 47410 44492 76979 34187
86369 71012 28658 24060 85194 24825 71817 10896 54097 12550
49192 02146 26598 03504 06402 99057 47743 80421 50153 16527
42850 33033 55467 03555 77911 34759 06097 44163 72995 71180
02347 89013 00188 66285 84660 72043 70155 38112 47598 75458
60982 28229 71919 86899 62619 57656 05365 08791 37707 58342
27136 99893 59809 76094 01919 03716 49828 29802 33301 52724
64241 61533 36258 49583 98988 45685 13863 24007 49429 63575
30883 62445 *Courtesy PLdn*

21/10	00553 00139 30485 ... 62445	0700z Strong, rest Unworkable
26/10	00553 00139 30485 ... 62445	Fair, 0740z QRM2
28/10	00553 00139 30485 ... 62445	0740z Unworkable, rest Fair, 0720z QRM2

XPA2 Mon/Sat

September 2026

1500z	**17479kHz**	**1520z**	**16094kHz**	**1540z**	**14926kHz**
05/09	NOT MONITORED				
07/09	05290 00194 43412 … 55650			1540z Weak, rest Fair	
12/09	NOT MONITORED				
14/09	01638 00001 00000 ... 10140			1540z Unworkable, rest Weak	
19/09	02871 00001 00000 … 10140			1520a Unworkable, rest Weak	
21/09	06323 00188 03007 ... 56434			1500z Fair, rest Weak	
26/09	06323 00188 03007 ... 56434			Weak, 1500z QRM3	
28/09	01183 00001 00000 ... 10140			Weak, 1540z QRM2	

October 2026

1500z	**17463kHz**	**1520z**	**15829kHz**	**1540z**	**14931kHz**
03/10	05244 00001 00000 … 10140			Fair	
05/10	06439 00201 17260 ... 03114			1540z Unworkable, rest Weak	
10/10	06439 00201 17260 ... 03114			1500z Fair, rest Weak	
12/10	08014 00001 00000 ... 10140			1500z Fair, rest Weak, 1540z QSB3	
17/10	06262 00001 00000 ... 10140			1500z Fair, 1520z Unworkable, 1540z Weak	
19/10	04826 00211 13157 ... 45115			1500z Fair, rest Weak	

24/10	04826 00211 13157 ... 45115	Weak
26/10	08448 00001 00000 ... 10140	1500z Strong, rest Weak
31/10	02214 00001 00000 ... 10140	1500z Strong, rest Weak

XPA2 Tuesday/Friday

September 2026

1100z	**13431kHz**	**1120z**	**12131kHz**	**1140z**	**11431kHz**
01/09	09310 00092 77995 ... 04322	[3m21s lg]	1140z Fair with QSB2, rest Weak		
04/09	Full message	[3m21s lg]	1120z NRH, rest Unworkable		
08/09	05436 00001 00000 … 10140		1100z Weak, rest Unreadable		
11/09	09290 00001 00000 ... 10140		1100z NRH, rest Fair		
15/09	09444 00001 00000 ... 10140		1120z Unworkable, rest Weak		
18/09	03917 00001 00000 ... 10140		Weak		
22/09	02868 00114 24639 ... 03675		1100z Fair, rest Weak		

02868 00114 24639 38950 47193 29569 42386 34659 82014 26409
45442 38631 04385 69360 32625 97939 08933 35353 64169 88779
29561 89831 69573 34009 89813 83751 02768 88118 97624 62038
29831 56830 95264 11118 45012 12247 93772 90191 60646 56453
48287 38791 70211 94063 36089 09681 00092 70001 05800 53117
04203 73497 66724 86640 69559 78648 38137 78452 30209 24842
81771 05641 56149 38465 97957 64701 14188 32907 14654 94794
93012 49936 03651 20026 90537 08820 56033 60192 30450 65028
96275 84891 05326 51660 10384 25228 25831 27176 84037 28133
48046 17808 91758 84932 08140 04721 07898 60491 68153 90250
25566 07139 16974 05819 18515 71899 18269 47594 35020 90815
96819 92590 02034 18976 51209 77931 03675 *Courtesy PLdn*

26/09	02868 00114 24639 ... 03679	1100z TTYQRM5, rest Weak
29/09	06064 00056 41803 … 41703	1100z Unworkable. Rest Weak

October 2026

1100z	**14537kHz**	**1120z**	**13437kHz**	**1140z**	**10737kHz**
02/10	06064 00056 41803 ... 41703		1100z Fair. 1120z Weak, 1140z Unreadable		

06064 00056 41803 50167 06380 94256 14726 63304 46527 18441
38989 54840 96428 39787 84865 43364 50881 92560 92483 63051
98747 22101 36034 36725 03215 34216 74430 42923 07653 18973
80004 49392 17348 83002 53233 86370 04193 92419 17519 21667
44465 60787 13360 51281 35197 50537 26562 87053 91080 94281
91465 89550 45873 42784 15687 27497 72156 05289 41703
Courtesy PLdn

06/10	08140 00001 00000 ... 10140	Weak		
09/10	06313 00001 00000 ... 10140	1100z Unworkable, rest Weak		
13/10	04734 00001 00000 … 10140	1100z Fair, 1120z NRH, 1140z Weak	PLdn, Hiram	TUE
16/10	03569 00001 00000 … 10140	Weak		
20/10	07213 00110 98808 ... 37623	1100z Fair, rest Weak		

07213 00110 98808 18456 24927 92699 78832 09298 75600 88974
18499 31757 76645 66500 91749 64695 85212 39823 08696 32178
08426 76283 63317 57731 66862 78609 40768 03406 20275 00644
11887 39800 78675 19931 78352 54131 21078 33729 69664 10323
05522 88085 90570 04758 64006 68894 30424 18211 27681 52391
18915 31344 12002 45215 88278 24861 14581 69958 62284 49319
14585 28547 91377 71849 71719 10215 23872 31371 29824 85497
02018 59427 99670 24101 50137 51576 35423 91292 66098 30643
41945 00900 42342 77507 76701 63843 84895 25686 14965 56620

92024 75793 82679 17927 38785 80020 58231 44810 80839 24542
57971 25445 46576 76613 74700 74338 48129 68461 93571 15904
57042 18032 37623 *Courtesy PLdn*

23/10	07213 00110 98808 ... 37623	1100z Strong, rest Weak
27/10	07032 00090 88221 ... 04226	1100z Fair, rest Weak
31/10	07032 00090 88221 ... 04226	1100z Strong, 1120z Fair, 1140z Weak

Other XPA2:

18583 02-09-2026 1100 XPA2
17431 02-09-2026 1120 XPA2
15821 02-09-2026 1140 XPA2
00478 00090 29107 01995 22304 17337 39618 86208 56931 52015
72803 66631 44859 31643 99373 84219 90027 07446 37789 19300
00446 48677 78383 31280 28875 66954 99923 97549 93019 67284
88264 33189 68309 35410 66415 73548 42708 70187 19498 24246
96074 50814 34955 54382 92426 73925 64670 19995 38200 21812
32605 52135 65649 65957 48316 50804 44906 91400 38654 39270
87646 33274 63728 41307 62552 82575 27156 80948 24379 41061
18145 04263 63861 36123 62926 18783 45425 80348 06889 79422
82254 41286 14132 88834 61455 08590 78152 82990 98572 99814
74317 02263 75507 *Courtesy Ary*

XPA2

16351kHz 1800z 11/09 [07007 00072 01007 88490 50783...] 1803z	Good Twente SDR	MG	FRI
14851kHz 1820z 11/09 [07007 00072 01007 88490 50783...] 1823z	Strong	MG	FRI

07007 00072 01007 88490 50783 22968 67872 41462 11266 38255
09769 29894 99576 98249 52723 80303 77624 54693 82922 68389
97899 37914 90367 32370 59742 00908 13754 63399 53848 55146
28991 16729 61078 75983 93018 50976 62143 86239 54146 87019
65130 99483 69686 98836 56221 74581 51571 28275 30256 61220
25613 61327 73224 29981 12961 51683 61906 63218 71395 75808
30171 80229 27328 46244 78025 27350 07403 07907 91341 23268
87330 62151 91052 20391 10430 *Courtesy MG*

XPA2 15.10.2026 THU	Hiram	THU

19587kHz 0900z 15/10 Fair
18375kHz 0920z 15/10 Weak
17432kHz 0940z 15/10 Weak
08474 00001 00000 10140

18053kHz 1100z 15/10 Fair
16162kHz 1120z 15/10 Fair
14876kHz 1140z 15/10 Fair
05042 00001 00000 10140

17436kHz 1500z 23/10 Fair	PLdn	FRI

15821kHz 1520z 23/10 Fair
13496kHz 1540z 23/10 Strong
01031 00156 80501 ... 25505

01031 00156 80501 91621 21434 91422 78150 07084 07285 48557
63156 14955 25949 20249 25262 64209 82732 32158 97930 08243
78003 23466 02137 94050 29477 45909 07221 06531 78127 33826
08942 93582 90025 72526 86257 24423 98977 37898 31278 19962
83726 43034 41997 68171 00137 86636 63027 17478 49593 73426
13367 74866 22653 57157 47592 97361 02064 86449 62143 75523
84200 71618 28956 73457 39614 69572 24928 53421 33991 00838
65230 44834 00879 77968 24516 34969 81468 33965 93913 42840
82880 89742 56937 04701 20458 34075 70929 32868 24933 88894
22359 12527 75753 55753 35761 12107 14078 68539 28556 30563
61707 09606 83486 48755 08195 68532 73986 44684 32641 12623
15893 68098 92535 19303 92641 94457 14681 24254 52998 05539
98642 92059 28487 45095 78478 52702 69080 45125 42207 12408
20891 12928 05408 63349 81132 73274 06255 08181 96504 51925
60088 26245 00226 12310 73001 54259 19991 56449 63110 41303
97424 89822 15540 23017 31920 69646 81117 38391 25505

F01 & F06

F01

09.10.2026

F01 1015z 11129kHz FRI
F01 1025z 09082kHz FRI
F01 1035z 07344kHz FRI

Message:
00000++++++++++162)5761 Hiram FRI

F06

09.10.2026

0700z 10541kHz Good signal
0710z 08113kHz Weak signal
0720z 06791kHz No signal

07:00:05 FSK200/1000 Sync Sequence Found
[#1] 1116670202481560903100049000000000000 | CRC OK Hiram FRI
[#2] 0000000000000000000000000000000000000000 | CRC OK Hiram FRI

F06

MON 12.10.2026 Hiram MON
F06 0800z 11128kHz Fair
F06 0810z 09447kHz Weak
F06 0820z 07453kHz Weak

111000000024681090650263910536517238860805922726601094969060363409826570124385504121056501646219705611029278581190581984581817608314876036058790171763235047200026761034963446113960008623759833420032418091912296097275265536434773159811241404661301482127154761119684702645791500898068085057359112361511443710676551609272422265311839729425190826899922354371814494070884812291114576008478705179077644055912495800692286813746389427570422233375209753992214469239422960153645962521366717234066294517523817781967916234790414198570011455566969994333210841778066203091473346655556558026766213326646031648181756047826422213269942278508831964653483309129838984036365018306403715294043625443935058646577428828735455322026079837109362275177114962811596251632488469450379489643366270180396768036393314713850861580878807986366395834028770458472634951819460250216972790874752246781198710870189246238434832841356175463645746799398856692156215662425156353624913348999491840962496895732154706393905791173545676165810398964835101147670110569091759670372709987675531874955105276506695027254287670636047053302883127705335226791631793624615616971074252235796376106863079621272487738473686539401462006007400347387605381957660125795572289002423876494884590851656579012376611840242108573341293562335302380181465245234209936784936595484715272243965032540582265261000000000000000000000000000000000000

F06 16.10.2026 Hiram FRI

10541kHz 0700z 16/10 Weak
8113kHz 0710z 16/10 Weak
6791kHz 0720z 16/10 No Signal

[[#1] 1116670202159341609900049000000000000 | CRC OK
[#2] 0000000000000000000000000000000000000000 | CRC OK

HM01 Hybrid

Nil Report.

X06 Mazielka (1c) logs section

Date	Day	UTC	Freq	Scale	Monitor	Comments
20260911	Fri	0645-0649	13427	341265	Andrew/SE	G442
20260913	Sun	0917-0919	16060	261453	Andrew	TX to Cairo, G138
20260913	Sun	1020-1022	15810	145632	Dave/AU	TX to Algiers, G135
20260915	Tue	1525	14538	154263	RadiotehnikaT	Alert2 (TX to Rome, G148) 1
20260915	Tue	1527	14358	154263	RadiotehnikaT	2.2
20260916	Wed	0704-0708	12350	1-----	RadiotehnikaT	X06d
20260916	Wed	0712	9350	1-----	RadiotehnikaT	X06d
20260916	Wed	1336-1344	15819	256341	RadiotehnikaT	Alert2 (TX to Beirut, G169) 1
20260916	Wed	1345	13838	256341	RadiotehnikaT	2.2
20260917	Thu	0720-0742	15450	1--6--	RadiotehnikaT	X06b test; 50+100 Hz noise TX
20260917	Thu	0727-0729	15250	1--6--	RadiotehnikaT	X06b test
20260917	Thu	0729	11750	1--6--	RadiotehnikaT	X06b test
20260917	Thu	0730-0732	11750	1-----	RadiotehnikaT	X06d
20260917	Thu	0737-0739	17750	1-----	RadiotehnikaT	X06d
20260917	Thu	0739-0741	17750	1--6--	RadiotehnikaT	X06b test
20260917	Thu	0742	16750	1--6--	RadiotehnikaT	X06b test
20260917	Thu	0757	16135	1-----	RadiotehnikaT	X06d; CW-like (old machine)
20260917	Thu	0804-0805	19858	351264	Andrew	Alert2 (TX to Abu Dhabi, G435) 1
20260917	Thu	0807-0809	17534	351264	Andrew	2.2
20260917	Thu	0848	15750	1--6--	Andrew	X06b test
20260917	Thu	0852	13650	1--6--	Andrew	X06b test
20260917	Thu	0936	18195	645321	Andrew	TX to Ho Chi Minh City, G417
20260918	Fri	0753	11350	1-6-1-	RadiotehnikaT	X06b test
20260918	Fri	0809-0812	9350	16--1-	RadiotehnikaT	X06b test
20260918	Fri	0811	9350	1--6--	RadiotehnikaT	X06b test(1)
20260918	Fri	1722	14824	625413	RadiotehnikaT	TX to Tel Aviv, G193
20260922	Tue	0733-0735	13420	534216	Dave	TX to Bagdad, G232
20260922	Tue	0756-0758	17523	542136	Dave	TX to Beijing, G88
20260923	Wed	1037	12350	1114--	Schorschi	Very long X06b test, end missing
20260924	Thu	0857-0900	16153	153624	Dave	TX to Damascus, G249
20260927	Sun	0619	13378	1114--	Hiram/DE	Another X06b test, end missing
20260927	Sun	0914-0917	16060	261453	Andrew	TX to Cairo, G285
20260927	Sun	1034-1038	17430	145632	Dave	TX to Algiers, G284
20260928	Mon	0813-0815	13395	532614	tiNG	TX to Paris, G451, new
20261003	Sat	0736-0738	16317	5--2--	Schorschi	X06b
20261005	Mon	0804-0805	11438	532614	Dave	TX to Paris, G4
20261006	Tue	0755-0801	11462	165423	Schorschi,Dave	TX to Brussels, G12
20261006	Tue	0837-0839	18523	325614	Dave	TX to Nairobi, G392
20261006	Tue	0937&1119	12100	1--6--	Schorschi	X06b
20261009	Fri	0744-0746	12213	615243	Hiram	TX to Geneva, G127
20261009	Fri	0823	9288	356412	Ary	TX to Berlin, G126
20261011	Sun	1035-1037	15810	145632	Andrew	TX to Algiers, G135(2)
20261013	Tue	0807-0809	17523	542136	Dave	TX to Beijing, G88
20261013	Tue	1151-1153	11025	612534	Dave	TX to Ashgabat, G89
20261015	Thu	0649	12220	162543	Ary	TX to Nicosia, G175
20261015	Thu	0847-0939	15100	1--6--	Ary	X06b(3)
20261015	Thu	1438	19405	352416	RadiotehnikaT	TX to Dar es Salaam, G179
20261015	Thu	1508-1518	17468	436512	RadiotehnikaT	TX to Harare, G180; out/back/out
20261019	Mon	0650-0654	13452	165324	Andrew	TX to Vienna, G145
20261019	Mon	0724-0726	13477	432516	Andrew	TX to Bern, G341
20261020	Tue	0801	13472	1-----	Andrew	X06d, CW out only
20261020	Tue	0824	16304	16--1-	Andrew	X06b
20261020	Tue	0826	13494	16--1-	Andrew	X06b
20261020	Tue	0834	13468	16--1-	Andrew	X06b
20261020	Tue	0835-0843	14358	154263	Dave	TX to Rome, G148
20261023	Fri	1021-1031	20605	256134	Dave, Manolis	TX to Abidjan, strong, G270(4)
20261024	Sat	1119-1128	12126	521634	RadiotehnikaT	TX to Bucharest, R (from Priyom)
20261024	Sat	1133-1136	17421	246531	Ary,Rycat,Dave	TX to Accra, G452, new
20261026	Mon	0938	16117	?	Anon36989,Dave	(5)
20261027	Tue	0804-0806	13420	534216	Ary, Dave	TX to Bagdad, G232
20261027	Tue	1144-1147	11025	612534	Dave	TX to Ashgabat, G234
20261028	Wed	0749	18177	164253	Andrew	TX to Addis ababa, G402
20261028	Wed	0845-0847	16116	134265	Ary, Andrew Dave	TX to Tunis, G90

1) 2nd TX on same freq, out same minute
2) Possibly Algiers – saw very tail end, and found on waterfall
3) Various only carrier tests between 0522 and 0847 UTC
4) Carrier 1028, QRT 1031

5) Possibly “463125” (Rabat, G222)

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

Jochen Schäfer, Numbers-, X06 Database and Teamkopf

Thank you to all our contributors over the year

E’s News Takes:

UK News

Covert, malign activity continues against the UK and will certainly intensify and evolve. Russia's intent is likely to force us and our allies to stop helping Ukraine and to increase the cost of this support. It is also likely to give the impression that NATO and the UK are helpless in the face of hybrid warfare. There is also likely an element of revenge involved as Russia’s losses mount and there is little progress on the battlefield.

Are we at war already or do we face state sponsored terrorism? It is a dangerous strategy of the “boiling frog” because the attacker does not know where the red lines lie and there is the constant risk of escalation if NATO's Article 5 is triggered. If we do nothing then NATO is seen as impotent and the covert activity will continue and intensify. Where does it stop? Dare we risk escalation and what can we do? What will be the consequences? Will the US support us and what is its relationship with Moscow?

Our security services face Russia, China, Iran, organised crime, disinformation, cyber attacks, weapon proliferation, religious and political extremists, Northern Ireland and then Al needs to be put into the mix. They might need a bigger department and a huge amount of luck and skill. Despite the rising tide of threats, half of Britons say there are no circumstances under which they would fight for their country, according to a new Ipsos poll. Just one in three (36 per cent) say they would take up arms and go to war for Britain while 48 per cent said they would not and the rest said they did not know.

What a nightmarish world — | felt safer during the Cold War! Now for some cheerful news.....

Cyber attack

A small power plant in the UK was shut down for four days during a cyber-attack according to the *Daily Telegraph.*

The government said that at no point was there a risk to the UK's energy system, but the Department for Energy Security and Net Zero (DESNZ) has contacted power companies to advise them about the risk of cyber-attacks. This attack, which took place last month, was carried out by hackers affiliated to the Iranian regime.

For security reasons, neither the government nor the National Cyber Security Centre, which deals with attacks on critical infrastructure, would give further details of the site affected. However this was not an attack on an essential service such as a large power station.

Protecting the country's supplies is a key challenge for the government. It is updating its regulations for cyber security, and working on a new energy resilience strategy for later this year. Iran has long been regarded as a capable cyber power but while the Western cyber-security world is braced for attacks either from the state or hackers linked to the state as a result of its conflict with the US this year, there has been little activity so far.

Was this a prelude to a bigger attack or a warning message? These attacks are difficult to attribute and counter according to experts.

RAF Akrotiri

The Telegraph reported that intelligence and military sources had raised concerns that the 16 storey City of Dreams Mediterranean hotel in Cyprus, which offers a commanding view of RAF Akrotiri, could have been used by foreign operatives to monitor activity at the British base. It is located close enough to the British sovereign base area to provide what officials reportedly consider highly advantageous surveillance opportunities.

Several intelligence and military sources told the newspaper they were concerned that the complex could have been used as an observation post by foreign spies. According to the report, a person equipped with nothing more than binoculars and a suitable vantage point could potentially monitor aircraft taking off and landing, as well as the movements of military personnel and officials inside and around the base.

Some officials working at RAF Akrotiri reportedly expressed concerns that the hotel could be used by Chinese authorities as a base for espionage activities. Sources told The Telegraph that the hotel is now on RAF Akrotiri’s radar and that the base is expected to implement counter-surveillance measures.

A spokesperson for the company operating the hotel rejected the allegations, stressing that the

property operates solely for tourism purposes and describing the claims as “completely baseless.”
Swindon espionage arrest

A man has been charged with offences related to national security as part of an investigation led by counter-terrorism policing (CTP) London.

Joshua Cammidge, 31, was arrested at an address in Swindon on Friday 4 September by CTP London officers, supported by officers from Wiltshire police. Searches were also carried out at a different address in Swindon. He was further arrested and detained the following day, being charged with assisting a foreign intelligence service and intending to commit or engage in conduct to prepare an act of sabotage.

The Met claim that Cammidge’s arrests relate to alleged contact with a representative of the GRU Volunteer Corps, a group controlled by Russia’s military intelligence agency that have been accused of previously engaging in acts of sabotage against Britain and its allies. No further details on the alleged target or activity have been released although Swindon is a major technology hub and manufacturing centre with several military installations in the area.

The charges he faces state that, between 27 March and 5 September this year, he provided Google Maps screenshots which showed addresses of four drone manufacturing sites in Swindon and gave details on activity at one particular factory.

Warren Stanier, prosecuting, told the court that Cammidge had been in contact with someone linked to the GRU Volunteer Corps on Facebook before they agreed to move their communications to Telegram. He said the pair communicated 58 times between 28 August and 3 September.
"The prosecution say the essence of communications was locations within the UK of factories that manufactured drones and the sabotage of those factorie

The prosecution case is he knew exactly who he was communicating with and the implications of what he was offering to do," Stanier added.

Royal Navy espionage arrest

A junior Royal Navy sailor accused of preparing to spy for Russia has appeared in court. Able Seaman Teddy Young, who specialised in warfare intelligence, allegedly retained UK defence and intelligence material that he had access to and made preparations to disclose sensitive information, a court was told. The 24-year-old appeared at Westminster Magistrates' Court on Thursday after being charged under the National Security Act.

The allegations against Young include translating a message into Russian and looking for a web portal that invited people to submit information to Russia. Wearing a police-issue grey sweatshirt, Young spoke in court to confirm his name, date of birth and his address in Clapham, near Bedford.

He is formally charged with engaging in conduct in preparation for disclosing protected information, and obtaining, copying, recording or retaining protected information, intending the conduct to benefit a foreign power. The charges cover a period between 26 November 2024 and 21 May 2025.

"The allegation is that while serving as a Royal Navy warfare intelligence rating with high level security clearance and intelligence-system access, Teddy Stanley Greenidge Young accessed and retained sensitive UK defence and intelligence material and engaged in activity consistent with preparing to pass protected information to a foreign power," the Crown Prosecution Service told the court in a written summary of the allegations.

He is the first member of the armed forces to be charged under the new National Security Act 2023.

Cdr Helen Flanagan, head of Counter Terrorism Policing London, said: "These are very serious charges against a serving member of the armed forces. "We have worked extremely closely with relevant operational colleagues within the Ministry of Defence as our investigation has progressed to ensure appropriate measures could be taken to mitigate any potential risks linked to this matter."

Iran-linked arrests

Two people have been arrested in London on suspicion of assisting Iran's intelligence service, the Metropolitan Police has said. A 60-year-old man and 42-year-old woman were arrested at properties in London on Wednesday as part of an investigation into suspected National Security Act (NSA) offences.

The suspects, who were both held on suspicion of assisting a foreign intelligence service, have been released on bail under strict conditions until late October, the Met said. Police said the arrests were not "connected to any of the incidents or attacks" linked to Jewish and Iranian communities across London earlier this year. The arrests took place following two searches carried out at properties in north and north-west London in June, the Met added.

Commander Helen Flanagan, head of Counter Terrorism Policing London, said she knows "news of these arrests will come as a concern to some members of the public" but stressed she does "not believe there to be any imminent threat to the wider public"

She added: "We've seen a marked increase in the tempo of our work linked to national security and state threats over the past year and this investigation is 2 continuation of that.

UK naval base investigation

A Nato commander's romance with a woman he met on Tinder triggered a security alert at a British military base over fears she was spying for Russia, The Telegraph has revealed. The senior Spanish naval officer was dating Janina White, a UK-Polish dual national who was born in Soviet Russia, when she was accused of being a Kremlin agent.

At the time, the Spanish officer was based at Allied Maritime Command (Marcom), in Northwood HQ in NW London, which monitors Russian submarines and warships prowling UK waters, and tracks sanctioned oil tankers from Vladimir Putin's shadow fleet. The married father of two, who had separated from his wife shortly before starting a relationship with Ms White in late 2024, was suspended from duty after Spanish and Nato security officials became suspicious of her.

British Northwood staff later stripped him of his access pass, and the base commander banned him from entering the premises while intelligence personnel investigated. In the summer of 2025, he was removed from the base and returned to Spain. Ms White, 49, who lives in Romford, east London, has denied claims of spying and insisted she was an unfair victim of discrimination because of her Russian heritage. She is no longer in a relationship with the Spanish naval commander.

Ms White was never arrested nor has any investigation proved she is a foreign agent. "I definitely know | am not a Russian spy. The last time | checked | wasn't," she told The Telegraph.

However, she claims that last month a Russian intelligence officer took her out for coffee and questioned her during a trip she took to St Petersburg to visit her ill father. The spy, who Ms White said was called Andrei and was from Russia's Federal Security Service, spent two hours interrogating her at a café near the city's metro station about the security investigation and her relationship with the Nato sailor.

Describing the encounter, Ms White said: "They asked me if | knew anything about [my former partner's] work. | said no. We had a rule at home that he wasn't talking about his work. "I knew he was dealing with the Russian shadow fleet and submarines. But it was a total prohibition of discussing any details at home about this.

"He was very pleasant and brought me a nice coffee," she added.

She moved into the sailor's two-bedroom flat in Ruislip, west London, two weeks later. "We opened a joint bank account and started planning holidays and thinking about having babies," she added.

Suspicions were raised when Ms White was invited to a Christmas party in December 2024, which she attended with the Spaniard. According to court documents, seen by The Telegraph, he invited her to the social event at Northwood's Warrant Officers' and Senior Rates' mess on Dec 12, 2024, obtaining a one-day escorted visitor pass into the military base.

However, during the first half of 2025, "security concerns arose at Marcom" relating to the commander and his relationship with Ms White, a shooting enthusiast, who attends a rifle range in Basildon, Essex. "A Nato security investigation was commenced; so, too, was a Spanish security investigation. The UK was not involved in these processes, which resulted in a Spanish decision to suspend [the officers] national security clearance," " a court document said.

Northwood's commanding officer was alerted to the investigation on June 19, 2025, and revoked the sailor's access pass "pending the outcome of security investigations". Ms White claimed that the next day, she had joined him on a trip to Nato's premier maritime battle staff and high-readiness headquarters in Oeiras, Portugal, while the sailor attended a defence event there.

Access to the naval HQ was granted to the Spanish officer 10 days after his Northwood security pass had been revoked and while he was still under investigation.

Ms White insisted her time on the base had been innocent and that she was never given access to secure areas. She claimed the fact that she had been granted permission to be on the base showed she was not deemed a security threat by the Portuguese.

Weeks later, on Aug 26, he and Ms White, and an unnamed third person, "attempted to enter Northwood, purportedly to have lunch" despite the Spaniard's access pass having been suspended.

"[The Spanish officer] asserted that he had mislaid his own pass and requested visitor passes for Ms White and the third person: this was not true," court papers detailing the incident said. "Consistently with the Commanding Officer's suspension of access, [the Spanish sailor] and his guests were refused entry and advised to leave the site boundary. Ms White declined to do so."

Ms White, who was born in Soviet Russia but moved to Poland as a girl before immigrating to the UK as a teenager, claimed she was a solicitor representing her then partner and that they were seeking to collect some of his belongings. Base security refused to allow them on to the site and police were later called. The couple left without being arrested or detained.

Ms White claimed her former partner, who has returned to Spain and is no longer actively working with the navy, attempted to take his own life in Sept 2025.

"He felt betrayed by the navy. The Spanish state was supposed to protect him. | understand his feelings. | feel Britain, my country, betrayed me," she added.

Ms White has launched a series of complaints over the allegations and is seeking a judicial review of why she was named an "adverse security risk" by officials at Northwood.

“The whole state machine treated me like an enemy. | want to know why this decision was made, who made it, and | want this decision to be quashed. | want the whole chain to be purified.” “I was living in this hostile environment as this ‘Russian spy’,” she said. “I was like an outcast. | called myself an invisible woman.”

Ms White claimed the espionage “rumours” were started by the partners of other officers on the base before being passed on to counter-intelligence officers in Nato.

China and UK universities

More than 100 academics linked to British institutions have unwittingly assisted China's espionage operations against the UK via a front company working for its intelligence and security services, MI5 has warned.

In the highly unusual public alert, the UK's internal security service warned universities and academics that continuing ties with China General Technology Research Institute (CGTRI) could ultimately lead to criminal charges for aiding a foreign state.

Security minister Dan Jarvis said MIS's warning exposed attempts by Chinese intelligence agencies to use British academic research to undermine UK national security. He said he had now written to all university vice-chancellors to end relationships with the organisation.

Universities UK, which represents more than 140 institutions, said it was reviewing the alert and focusing on "supporting our universities as they assess any implications for existing or future partnerships".

In June, MI5 and its closest partners in the US, Canada, Australia and New Zealand, issued a joint warning that China's military intelligence services were targeting professional networking sites and online job platforms. This new UK-specific alert goes further, revealing what the service says is a threat that has been growing within British academic institutions.

MI5 says that the CGTRI, sometimes translated as the China Academy of General Technology (CAGT), has "very strong ties" to the Chinese Ministry of State Security (MSS). MI5 said that the primary purpose of CGTRI is to fund academic research that directly improves MSS technical capability for espionage it says.

"More than 100 UK-linked academics have contributed to projects funded by MSS via CGTRI," adding that in some cases the researches would not be aware of the front company's role in their project.

UK academics have contributed to CGTRI-funded projects on topics including Al, cyber-security, covert communications systems and steganography, which means hiding a secret message or file inside an ordinary message or object.

The security alert said that many academic institutions and individuals will have engaged with the CGTRI "in good faith" because the link back to Chinese state security had been "obfuscated". It continued: "UK academic institutions are strongly advised to immediately review any ongoing or planned collaboration with CGTRI. This is to ensure MSS derives no further benefit from UK universities or research institutions."

The public alert raises the prospect that British academics who do not act on it immediately could ultimately fall foul of the law. It stressed that the National Security Act, a key piece of legislation passed in 2023 to counter state espionage, created a new offence of assisting a foreign intelligence service where the individual ought to reasonably have known what they were doing so.

Conservative MP Sir lain Duncan-Smith, co-chair of the Inter-Parliamentary Alliance on China, told the BBC that several reports had suggested "British universities’ dependence on Chinese students has opened them up to all sorts of problems" and that security checks should be stepped up.

RAF Molesworth arrests

Two Latvian men arrested after a fence was breached at a Cambridgeshire RAF base have been bailed. Ministry of Defence Police (MDP) security patrols at RAF Molesworth, which is used by the US military and Nato for intelligence operations also identified an abandoned vehicle.

The pair, aged 36 and 32 and who live in the UK were subsequently arrested inside the perimeter a few hours after searches found a small breach of the fence at the site. Both were taken to a Cambridgeshire police station and have since been bailed with "strict conditions", the Metropolitan Police said. The force's Counter Terrorism Policing London is investigating.

Both men were initially arrested on suspicion of trespass on a prohibited site and criminal damage - after Cambridgeshire Police officers joined the search - and were taken to a local station. They were later arrested on suspicion of namely entering a prohibited place for a purpose prejudicial to the UK under Section 4 of the National Security Act. The Met said officers carried out two searches at addresses in the Peterborough area and that the abandoned vehicle was also recovered by officers.

German news

Leipzig drone update

According to the Daily Telegraph, Germany has identified two suspects behind the Leipzig airport attack, including an agent linked to Russia’s GRU intelligence unit, the Axel Springer Global Reporters Network can reveal. It has reviewed confidential documents and interviewed senior officials to confirm their identities.

The two suspects have been named as Russian citizen Oleg Le, who was responsible for the planning of the failed drone attack, and Andrei Ka, a Belarusian citizen. Mr Le is understood to be linked to the GRU, Russia's military intelligence unit, and was responsible for the logistics of the attack, while Mr Ka acted as a so-called "disposable agent". German authorities said Mr Le entered Germany via Turkey through Berlin-Brandenburg airport. He later departed from the capital's airport, bound for Serbia. He is now in Russia.

According to information obtained by Welt am Sonntag, investigators were already aware at the time of his entry that he was associated with the GRU. Nevertheless, he was not put under surveillance after his arrival. The failed drone attack on Leipzig-Halle airport on Aug 4 marked one of the most serious escalations yet in tensions between Berlin and Moscow.

The airport was targeted by an explosives-laden drone, which was discovered near a Ukrainian Antonov cargo aircraft and safely defused. Investigators found debris from two additional drones near the airport.

Mr Ka, the Belarusian citizen, entered the EU's open travel Schengen Area via Latvia on July 28, about a week before the incident. Authorities believe he is a "disposable agent", a criminal hired to carry out acts of sabotage. Mr Le is said to have organised explosives and directed Mr Ka. According to authorities, approximately 1.8kg of the explosive Semtex was to be used.

The Antonov aircraft, which was the target of the attack, was filled with approximately 25,000 litres of jet fuel. Sources familiar with the investigation believe that, if the explosive charge had detonated, it would have triggered a massive explosion and destroyed parts of the airport. Previously unseen surveillance camera footage obtained by Welt am Sonntag shows the drone lying next to the Antonov aircraft. According to authorities, the explosive was concealed inside a tin. The explosion did not occur because a detonator broke off.

One day after the attempted attack, police officers found an antenna-like structure, secured with tape in a tree, near the airport. It is believed it was used to control the drones. On the structure, forensic technicians found remnants of a glove with DNA traces. The DNA traces had previously been recorded in Finland and Lithuania. Mr Ka has criminal records in those countries: in Finland, he is listed, among other charges, for theft. Polish authorities also believe Mr Ka was involved in a fire at a home improvement shop in the city of tédz in 2024, which local prosecutors have classified as sabotage.

According to Polish prosecutors, the evidence in that case also points to Russia. The fact that Mr Ka was also involved in the Leipzig attack is seen as further evidence of Russian involvement. The authorities found that the explosives used in Leipzig came via Bulgaria and Serbia. Investigators believe they were transported in hidden compartments of trucks and subsequently hidden in underground caches. Police found several possible hiding places in the area surrounding Leipzig airport after analysing data from a rental car used by the suspects.

Confidential documents seen by Welt am Sonntag mention a concrete slab with two handles that was discovered near a pedestrian bridge in the town of Schkeuditz, directly south of the airport. Authorities believe it provided access to a hideout. Shortly afterwards, police found another suspected hideout north of the bridge. Both storage places were empty. Investigators also located a hideout in the town of Merseburg, which is also part of the Halle/Leipzig area.

An examination of the drone that landed on the airport runway revealed that it was a homemade device made from readily available parts, some of which were manufactured using a 3D printer. The four motors were a Chinese brand that is also sold in Russian online stores specialising in "combat technologies". The tin filled with Semtex was attached to the drone with a mount.

European investigators are familiar with this modus operandi. They see it as strong evidence of a large-scale GRU operation, which, much like previous ones, relied on common criminals lured with offers of cash. Mr Ka remains on the run.

Ex-BND head arrested

Former German spy chief August Hanning has been arrested on suspicion of espionage, treason and obtaining classified information for a foreign power, the German Federal Prosecutor's Office says.

Hanning headed the Federal Intelligence Service (BND) from 1998 to 2005 and has since been working as a private consultant. Prosecutors allege that he used classified intelligence to "draft an analysis" for one foreign intelligence service and maintained contact with another foreign spying service. Investigators have not disclosed which foreign powers were involved. Citing unnamed sources, however, German news outlet Der Spiegel reported that Hanning was in contact with an Azerbaijan intelligence agency representative. In 2025, prosecutors also accused Hanning of ties with Israeli spies in a separate case which ultimately led them to the ex-intelligence boss's alleged espionage for other agencies. It is also stated that he had serious financial problems.

Police also arrested former BND employee Manfred D, accusing him of passing Hanning about 2,000 classified documents for money. Manfred D, who was Hanning's bureau chief and remained in the BND until this year, is charged with aiding and abetting attempted treason and treasonous espionage. Local media reported Hanning was arrested at his home in Nordwalde near Minster while Manfred D was arrested in Bavaria. Hanning is due in court on Wednesday and Manfred D will appear on Tuesday.

Prosecutors say Manfred D, who also served as the chief of staff for Hanning's successors between 2012 and 2026, used his role to gain access to highly confidential information which he then passed on to Hanning "in exchange for remuneration".

"The current findings suggest that, over the years, Manfred D provided Hanning with approximately 2,000 documents, many of which contained classified information to be used exclusively by the Federal Intelligence Service for internal purposes," the statement says.

"On one occasion, Hanning used classified intelligence ... to draft an analysis for an officer of a foreign intelligence service," prosecutors said, noting it was not clear if "the material reached the intended recipient". He is also accused of being "in close contact with a representative of another foreign intelligence service, to whom he passed on political information, partially based on material provided by Manfred D, for several years". According to German newspaper Siiddeutsche Zeitung, the data include “highly sensitive situation assessments, classified material from foreign partner agencies, and reportedly also papers on the Iranian nuclear program and the Russian military”. He reportedly made several trips to Moscow after leaving the BND.

Local media say Hanning's alleged possession of intelligence documents came to light during a separate case relating to German steakhouse heiress Christina Block. Hamburg public prosecutor's office accused Block of orchestrating the kidnapping of her two youngest children in 2023 due to a custody dispute. Investigators allege Hanning was involved in an earlier attempted kidnapping of the children, which he denies.
State criminal police officers reportedly discovered an electronic data storage device containing sensitive information including recent BND documents.

Guns in the woods

German intelligence believes a cache of two handguns and ammunition guns found in the woods near Berlin last year was for carrying out assassinations on behalf of Russia, media reports say. Germany's Interior Minister Alexander Dobrindt said federal prosecutors were investigating a suspect in Romania over suspicions of espionage and "the preparation of a serious act of violence threatening the state".

For months security agencies have warned that Russian intelligence services are planning assassinations in Germany, possibly targeting defence industry executives or opposition figures in exile. The guns were deactivated and left in place but nobody came to retrieve them. This led investigators to believe the agent or agents had learned of the cache’s discovery and it was now “dead” or perhaps they had been stashed for the long term?

Russia House

Germany's digital ministry has moved key offices next to Berlin’s Russian House, an institution that European authorities suspect has been used as cover for Russian intelligence activity. The relocation, which started in July, has triggered security concerns inside the ministry, with some sensitive units remaining in Bonn rather than relocating to Berlin.

The Russian House of Science and Culture stands in central Berlin near the Russian embassy and has operated in the capital since 1984, officially to promote cultural exchange. It is run by Rossotrudnichestvo, Russia’s state agency for relations with the post-Soviet region and Russians abroad, which has been on the EU sanctions list since July 2022. This month, French authorities assessed that the House is “used as a cover by Russian intelligence services”, cited in an expulsion order against the former head of the French office of Russian state-backed propaganda outlet RT.

Polish News

Satellite station fire

Polish media reports that a fire at a Starlink satellite station in central Poland was a deliberate "act of sabotage", a government minister has said. The fire at the state-owned Polish satellite station broke out on Wednesday night in Wola Krobowska. It remains operational. The deputy prime minister said it transmits internet traffic through Poland to countries including Ukraine, and uses SpaceX systems that provide connectivity via Starlink terminals.

Polish Deputy Prime Minister Krzysztof Gawkowski said the fire in the Masovian Voivodeship province was "deliberately designed to disable the station... disrupting internet access for various institutions, including the Ukrainian army". He told Polish public broadcaster TVP Info an investigation was ongoing but "many indications suggest" the attack fits into a "new Russian doctrine of attack”. The Kremlin has not commented. Two Turkish citizens have reportedly been arrested in Germany in connection with the incident.

Meanwhile, Denmark's intelligence service issued a new threat assessment saying it expects Russia to escalate hybrid warfare in the coming months.

It said an attack remained "highly unlikely" but warned of "a low but growing risk" that Russia could launch a limited military attack against Nato countries.

Assassination plot

Poland's Internal Security Agency (ABW) has arrested a 63-year-old Ukrainian citizen suspected of attempting to assassinate a representative of Ukraine’s arms industry in an alleged operation carried out on behalf of Russian intelligence services. The case was disclosed by Polish authorities in August more than two weeks after the suspect, identified as Serhii P. under Polish privacy laws, was arrested in Warsaw. According to the ABW, the alleged assassination attempt took place in Irpin, near Kyiv, where the suspect reportedly placed an improvised explosive device beneath a car used by the intended victim.

The device was designed to be detonated remotely using a mobile phone but failed to explode

because of a fault. Following the failed attack, Serhii P. allegedly fled Ukraine and entered Poland, where security officers later located and arrested him.

In a statement, the ABW said the case demonstrated that Russian intelligence services were conducting operations across national borders and using individuals moving between countries to carry them out. Poland has repeatedly accused Moscow of involvement in sabotage, espionage, cyber-attacks and other hostile activities since Russia launched its full-scale invasion of Ukraine in 2022, while Russia has denied allegations of recruiting individuals for such operations.

Slovak News

Factory plot

Slovakia media has reported one of the first known attempted attacks on a company producing military technology. The target was to have been the Skyeton factory, which manufactures advanced surveillance drones near Presov in eastern Slovakia.

“Officers from the UBOK anti-crime unit thwarted a planned arson attack on a production plant in eastern Slovakia,” police said. Working with the intelligence services, they detained three foreign nationals, who were charged with preparing the particularly serious crime of “general endangerment”. One of them was detained in Germany.

“Two were detained in Slovakia, and a motion was filed to remand them in custody. The third was detained by German authorities under a European arrest warrant issued in an exceptionally short time,” police spokespersons added.

On the evening of June 11, 2026, Serbian police stopped two cars near Subotica that were heading toward the Hungarian border. In the Peugeot belonging to Danilo Bogdanović, a Serb with a Russian passport, they found drone components, while in the black Volvo belonging to Slobodan Dučić, they discovered a concealed compartment containing two tin cans packed with explosives. Investigators assessed that a flying bomb could have been assembled from these materials. Bogdanović and Dućić were arrested.

The next day, a friendly intelligence service passed information to its German counterparts about a suspicious truck traveling to Germany from Serbia. According to the Serbian authorities, the truck contained a compartment for smuggling weapons. However, Serbian police failed to intercept the vehicle.

On June 27, Bavarian border police detained the truck as it entered from Austria. The Serbian driver was detained, banned from entering Germany, and sent back to Austria. The truck was confiscated. Investigators did indeed find concealed compartments—but they were empty. The security authorities concluded that the delivery of the weapons about which the Serbs had warned may have reached its destination in Germany earlier. According to BILD, the weapons may have been intended for an attack on a defense company in Bavaria that is of major importance for military aid to Ukraine.

The search for the weapons is in full swing. According to the German government, several networks of saboteurs controlled by Russia are currently operating in Europe. They are believed to be coordinated by the GRU, which is apparently conducting covert operations in Europe with the help of a special-operations unit. German investigators suspect that the weapons from the truck are already in a cache in Germany and ready to be used for acts of sabotage.

Russia News

Japanese journalist arrested

Russia has arrested a Japanese journalist on the far eastern island of Sakhalin and accused him of spying, in the latest sign of rising tensions between Moscow and Tokyo. Russian foreign ministry spokesperson Maria Zakharova identified the reporter as Yuki Imai, from the Hokkaido Shimbun newspaper, adding that he had been accused of “conducting espionage activities on Russian territory”.

Imai, a reporter at the newspaper’s bureau in the city of Yuzhno-Sakhalinsk on Sakhalin, was reportedly preparing to return to Japan when he was arrested for allegedly collecting information on Russia’s defence capabilities, according to Russia’s Tass news agency. Russia’s FSB security agency claimed the journalist had intended to pass the information on to Japanese intelligence.

The FSB published a video showing masked officers storming a hotel room, pushing a man to the floor and handcuffing him. The man was flown to Moscow, where a court ordered he be held in pre-trial detention. It did not say when the arrest or court hearing occurred. The charges carry up to 20 years in prison. Japan's foreign ministry urged Moscow to extend “fair and impartial treatment” to the detained journalist. “The Japanese embassy ... in Moscow and the consulate general in Yuzhno-Sakhalinsk lodged a request with the Russian authorities for the prompt provision of information, as well as for humanitarian consideration and fair and impartial treatment.

Imai’s arrest comes amid rapidly deteriorating relations between Japan and Russia, triggered by Tokyo's support for Ukraine and a longstanding dispute over sovereignty of islands in the Kuril chain near Sakhalin that are known in Japan as the Northern Territories. Japan claims the four islands closest to its territory — the nearest is less than 4km from Hokkaido.

Russia regards Japan as an “unfriendly” country because it has joined western sanctions over its war Olin Ukraine. Russia has arrested several citizens of “unfriendly” countries in recent years, accusing them of working for western intelligence services.

US News

CIA Director ‘s Russia visit

The Kremlin has revealed that CIA director John Ratcliffe held talks with Russian intelligence officials during a mysterious visit on 25 August but did not meet President Vladimir Putin. Spokesperson Dmitry Peskov framed communication between the two countries’ intelligence agencies as a positive without going into detail on what was discussed

Whether it was to convey a warning to the Kremlin not to escalate against Europe or to give it a bleak assessment of the war is unclear. Below the threshold escalation is possible but also extremely dangerous. Lack of Russian progress against Ukraine may result in more operations against those supporting Kiev and they may seek to test the waters with a limited incursion. No response will likely result in further probes. Mobilising more Russian conscripts seems likely in the coming months to be killed and maimed for nothing and Ukraine likely faces yet another miserable winter.

US citizen jailed for spying for China
An American journalist who admitted to helping the Chinese government gather “secrets” in the U.S. was sentenced Tuesday to two years in prison.

Thomas Pauken Il, 50, was arrested by the FBI in February at a Washington hotel after encouraging an unnamed Trump administration official to make contact with a woman in China whom Pauken believed to be a Chinese intelligence agent. Pauken, who lived in Beijing and worked as an editor and commentator for various state-run news agencies there, pleaded guilty in June to acting as an unregistered agent for China in the U.S.

He was paid $100,000 over a seven-year period to produce reports on U.S.-China relations for the Chinese government. Pauken’s Chinese handler had Pauken take a lie-detector test and said his reports were being conveyed to Chinese leaders, including President Xi Jinping, according to court filings in the case.

Pauken also sought to put his Chinese handler in touch with experts in the U.S., including the administration official Pauken met with shortly before being arrested. It is suggested that the FBI had unsuccessfully sought to turn Pauken into a double-agent, noting that Pauken at one point discussed his work for the Chinese with the FBI, but failed to follow the FBI's “instructions” after that meeting even though his contacts with his Chinese handler continued. While prosecutors and defense attorney Charles Burnham agreed that Pauken had not relayed classified information to China, Pauken made his conduct sound significant.

Chinese ships allegedly engage in espionage

-US media reports that COSCO, China's state-run shipping giant and one of the largest carriers on Earth, has spent decades quietly gathering signals intelligence from its cargo fleet, scooping up communications from ships and aircraft along the coastlines of North America, Europe and Asia.

The officials, speaking anonymously, described a "decades-long intelligence-collection partnership" between COSCO and Beijing. They would not specify the hardware, but insisted it was "sophisticated signals intelligence collection" equipment rather than the ordinary radios and radars any ship carries. On a modern container vessel already festooned with antennas, hiding another one is very easy.

The legal machinery makes the arrangement plausible. China's 2017 National Intelligence Law obliges every organisation and citizen to support state intelligence work when asked — and to be protected for doing so. A commercial fleet that dwarfs any rival on the planet becomes, on paper, a standing intelligence network that costs Beijing almost nothing to run.

Swedish News

Espionage claim

Swedish public broadcaster SVT reports that the Swedish Security Service, Säpo, has exposed a covert agent at another country's embassy in Stockholm. The aim has been to gather information from key political decision-makers in Sweden,” said the acting head of operations at Säpo.

According to SVT, the covert agent from another country's embassy is said to have met a Russian intelligence officer at a pub in the Stockholm area. This was done without their knowledge that Säpo was monitoring the situation from the same venue. “We have a good overview of what type of information has been exchanged and what kind of assignments the agent has had. We have also seen that gifts were given from the Russian intelligence officer to the agent.”

According to Säpo, the goal of the operation was to influence Sweden’s political decisions, as well as to discredit Sweden, the EU and NATO. Wedelin will not go into which Swedish individuals the agent targeted, but says they were key political decision-makers. The Russian intelligence officer, a colleague and the agent have all left the country. There is no investigation under way against them.

Finnish News

Russian intelligence activity reaches a new loo (sorry!)

Baltic media reports that more than 20 Finnish MPs have reported break-ins at their homes — with one politician citing someone pooing in his bathroom. Russia has since been accused of sending

secret agents to defecate, break in and mess with the belongings of Finnish politicians.

One MP, Ben Zyskowicz, said: 'It's a way for the Russian intelligence service to show that people are being monitored, a way to create confusion or concerns.' The practice has been previously linked to Russian agents — the US State Department has documented multiple home intrusions where agents move around belongings, open windows and try to 'intimidate' their targets. One former BBC Russia correspondent wrote in her memoir that spies broke into her home and left a 'large unflushed deposit' in each of her toilets. Finnish Parliament Speaker Jussi Halla-aho said the number of cases was 'significant'

There seem to be a lot of these clandestine Russian operatives actively honing their skills in my town centre from what I have seen! Bog standard trainees? Hopefully MI5 with flush them out

Thanks 'E' A splendid effort.

[*Well known in Police circles; not unusual for amateur burglars to defaecate in the property they burgle. Not necessarily out of respect for the 'venue' or the owners but because they are scared*].

Gizza Job



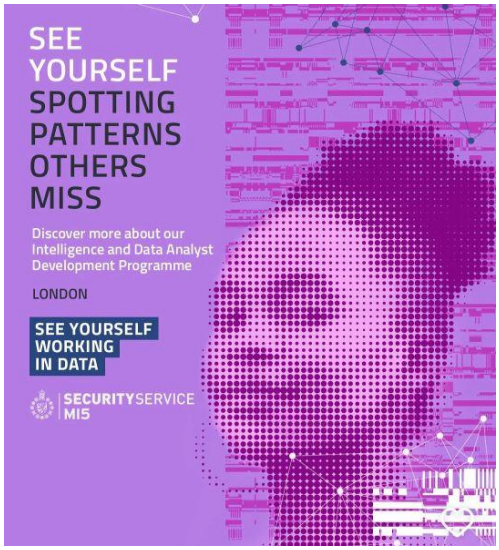


I fancied the British Embassy job myself and nearly applied. Missus says to me "You'll need to be Arabic fluent for that position. It's a young man's job."

My reply, " I bollocked the Yemeni Taxi driver in Ras al Khaimah for trying to screw me over on the fare; he sweated and blubbered as I used street Arabic. I can manage linguistically; any way it'll keep me out of the house and give me something to do. Duty free booze too!" No reply. Bottle of Siddiqi, anyone?

499: "Sahib, Why you kick my kelb [dog] and call him F..k Off?" Happy days, matey







Send for 'Tom Marcus'; he'll know what to do [IYKYK]

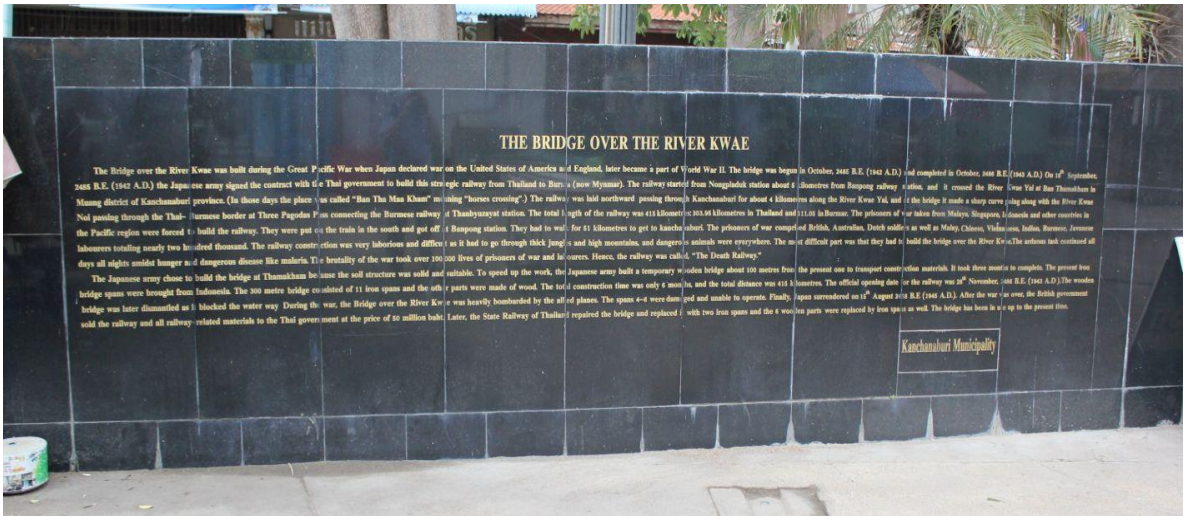
British Embassy
Bahrain

Projects, Finance and Administrative Assistant

GRADE: AO

DEADLINE: 15 NOVEMBER 2026

Image of Plaque erected at site of the 'Bridge over the River Kwae' where allied prisoners of war were used as slave labour by Imperial Japanese Forces



Plaque erected by the Kanchanaburi Municipality of Thailand in Remembrance of those souls who perished and whose remains are interred in the War Graves nearby

Chart Section Index

Predictions

M01 Schedule

Polytones, XPA1, XPA2

En157

November 2026

PREDICTIONS

Daily Calendar **NOVEMBER 2026** **Zulu Time**

	Fam 3 E11/S11a		E07	V32 0200 & 1800z	XPA1	XPA2	XPA2 MW
SUN	0600 7850 0700 5371 0830 5371 1605 5432 1645 4909	1745 12924 1815 6849 1910 10487 2000 5082					
MON	0315 12089 0450 4909 0845 12067 0900 15915 0915 6252 1045 14410	1300 4909 1745 12924 1900 6849				MSa 1600 13382 1620 12137 1640 10447	MW 0800 16226 0820 17434 0840 18055
TUE	0445 11559 0505 12153 0645 7840 0700 6804 0715 14795 0745 13908 0820 14611 0845 17378	1000 9079 1205 11559 1400 10448 1430 13363 1605 5432	TuF 1500 14737 1520 13537 1540 12137			TuF 1100 10653 1120 9353 1140 8153	
WED	0315 12089 0820 14611 0845 12067 0900 15915 0930 7469 1045 14410	1205 11559 1610 4505 1715 5082 1850 11486			WF 1310 13875 1330 13375 1350 10875		MW 0800 16226 0820 17434 0840 18055
THU	0315 5779 0445 11559 0505 12153 0645 7840 0700 9050 0720 8180 0745 13908 0820 11104	0845 17378 0930 7469 1300 4909 1530 5409 1730 5779 1900 6849 2000 5082	ThSa 1000 17428 1020 16132 1040 14789				
FRI	0600 7850 0700 6804 0715 14975 0720 8180 0745 17378 0820 11104 0915 6252	1000 9079 1400 10448 1715 5082 1815 6849 1910 10487	TuF 1500 14737 1520 13537 1540 12137		WF 1310 13875 1330 13375 1350 10875	TuF 1100 10653 1120 9353 1140 8153	
SAT	0700 5371 0830 5371 1430 13363 1610 4505 1645 4909 1815 11486		ThSa 1000 17428 1020 16132 1040 14789			MSa 1600 13382 1620 12137 1640 10447	

PREDICTIONS

Daily Calendar **DECEMBER 2026** **Zulu Time**

	Fam 3 E11/S11a		E07	V32 0200 & 1800z	XPA1	XPA2	XPA2 MW
SUN	0600 7850 0700 5371 0830 5371 1605 5432 1645 4909	1745 12924 1815 6849 1910 10487 2000 5082					
MON	0315 12089 0450 4909 0845 12067 0900 15915 0915 6252 1045 14410	1300 4909 1745 12924 1900 6849				MSa 1600 1620 1640	MW 0800 0820 0840
TUE	0445 11559 0505 12153 0645 7840 0700 6804 0715 14795 0745 13908 0820 14611 0845 17378	1000 9079 1205 11559 1400 10448 1430 13363 1605 5432	TuF 1500 13539 1520 12139 1540 10239			TuF 1100 9265 1120 8165 1140 7665	
WED	0315 12089 0820 14611 0845 12067 0900 15915 0930 7469 1045 14410	1205 11559 1610 4505 1715 5082 1850 11486			WF 1310 13875 1330 13375 1350 10875		MW 0800 0820 0840
THU	0315 5779 0445 11559 0505 12153 0645 7840 0700 9050 0720 8180 0745 13908 0820 11104	0845 17378 0930 7469 1300 4909 1530 5409 1730 5779 1900 6849 2000 5082	ThSa 1000 17469 1020 16271 1040 14794				
FRI	0600 7850 0700 6804 0715 14975 0720 8180 0745 17378 0820 11104 0915 6252	1000 9079 1400 10448 1715 5082 1815 6849 1910 10487	TuF 1500 13539 1520 12139 1540 10239		WF 1310 13875 1330 13375 1350 10875	TuF 1100 9265 1120 8165 1140 7665	
SAT	0700 5371 0830 5371 1430 13363 1610 4505 1645 4909 1815 11486		ThSa 1000 17469 1020 16271 1040 14794			MSa 1600 1620 1640	

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 > / Month v	XPA1 Wed/Fri Schedule 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 > / Month v	XPA2 Sched p Monday/Wednesday H 00 (0700 / 0800z)	H+20	H+40
Jan			
Feb			
Mar	17459	18578	19101
Apr	16342	17454	18345
May	16336	17462	18053
June	14878	15863	16347
July	14837	15854	16326
Aug	15843	16218	17424
Sept	16113	17497	18179
Oct	16279	17472	18726
Nov	16228	17434	18055
Dec			

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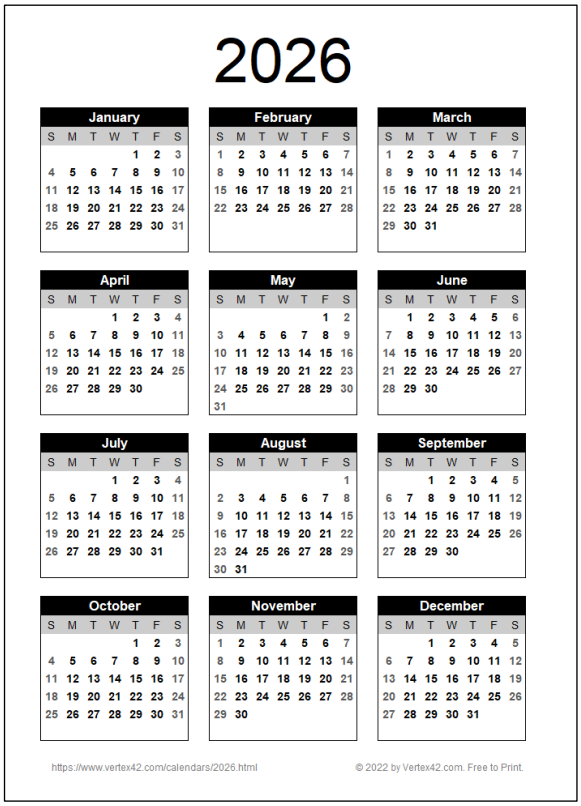
Apologies to any missed

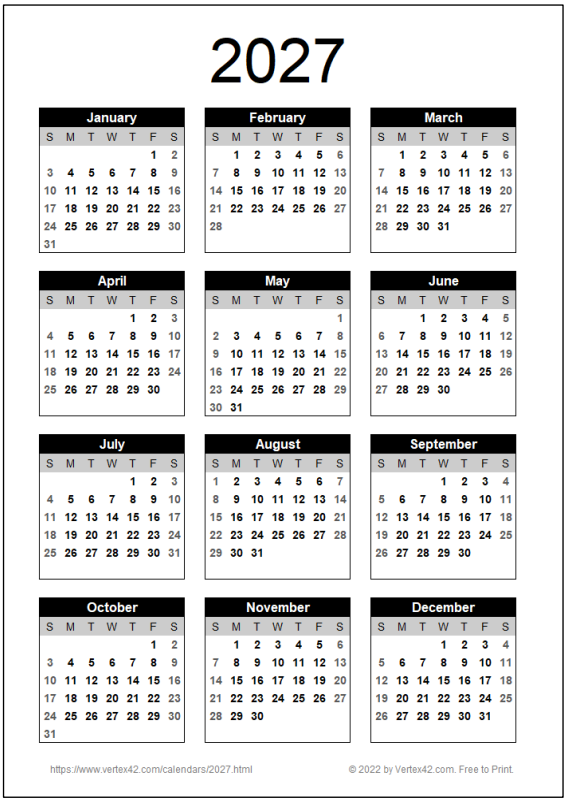
MESSAGES:

E: Thanks for everything; hope you and yours good xmas, HNY

RELEVANT WEBSITES

ENIGMA 2000 Website:	http://www.enigma2000.org
Mystery Signals	http://www.mysterysignals.signalshed.com/
Encyclopedia of Espionage, Intelligence, and Security	http://www.espionageinfo.com/





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