

The **NASA** Journal

VOLUME LXV NUMBER 12

DECEMBER 2025

The **NASA** Journal covers include:

- January 2025: RADIO VATICANA, RADIO AMBICE, QSL, IIVJ, RADIOVATICIANA
- February 2025: RADIO AMBICE, Scandivanian Webband Radio, AM FM, RealMix Radio, Radio Plus
- March 2025: RADIO AMBICE, QSL, IIVJ, RADIOVATICIANA
- April 2025: QSL, IIVJ, RADIOVATICIANA, British Eastern Isles Station, A Seela Antennas - Oman
- May 2025: VOA, RadioFreeEurope, RadioLiberty, rfa Radio Free Asia, Marti
- June 2025: MALAYSIA, JAWA BARU, KFM, MALAYSIA, MALAYSIA
- July 2025: RADIO-LUXEMBOURG, Compagnie Luxembourgeoise de Radiodiffusion, Compagnie de radiodiffusion de France
- August 2025: NATIONAL BROADCASTING COMMISSION, NATIONAL BROADCASTING COMMISSION, NBC
- September 2025: GERRY L. DEXTER 1936-2025, LANGUAGE LAB, Address Book
- October 2025: VOICE OF INDONESIA, VOICE OF NIGERIA, RADIO NIGERIA
- November 2025: Radio Romania International, Radio Romania International, NATIONAL BROADCASTING COMMISSION

North American Shortwave Association - America's Shortwave Broadcast Club

Serving Monitoring Enthusiasts Since 1942

eton
QUEST



The Eton QUEST is your complete emergency radio or camping companion. It receives AM, FM (with RDS), all seven NOAA weather channels and shortwave from 3.2 to 22 MHz. Tuning is via up/down scan, memory scan or manual. The QUEST is powered by a built-in solar panel, dynamo motor/hand turbine or DC power via USB-C cable (included). It features a built-in Lithium Ion battery (5200mAh) and can also operate three alkaline AAA batteries (not included). The clock radio alarm function supports 12 or 24 hour format. It provides a great emergency light source with huge selectable white/red ambient light panel covering the complete back of the device plus a LED flash light. The QUEST has a USB 2.1A output jack to charge cell phones or tablets. Other refinements include earphone jack, an AUX in jack. Plus it is Bluetooth® ready. Includes manual and USB-C cable. 7.8 x 5.7 x 2.5 inches.

List \$129.99 Order #6060 **\$119.95**

eton
ELITE MINI

FREE copy of *Radio Propagation for Beginners and Welcome to World Band Radio* included with Elite Mini or Quest purchase.

The super compact, super global, Eton Elite Mini receives AM, FM plus international shortwave in two bands 5.9-10 and 11.65-18 MHz. Features include: rich orange backlit digital display, scanning, metal grill, clock-alarm with sleep timer, key lock and mini earphone jack. May be powered from two AAA batteries (not included) or 3V AC adaptor (not included). Includes protective case. Put the world in your pocket. 4.3 x 2.7 x 0.5".



List \$49.99 Order #0067 ~~\$49.99~~ **\$28.88**

✓ We are pleased to offer an interesting assortment of original used radio books, manuals, brochures, magazines, catalogs and literature. Most may be viewed by going to our home page and selecting (used) Photos, then: B Radio Books, C Radio Catalogs, D Radio Manuals, R Magazines

COLLECTABLE RADIO MAGAZINES FROM YESTERYEAR



Relive the Golden Age of radio with these famous magazines now available in our Used Equipment Department.

To view available issue visit the home page of www.universal-radio.com

Select "used list photos". Then select "R Magazines"

Includes: *Radio*, *RADEX*, *QST*, *Radio Craft*, *Radio News*, *Practical Wireless*, *Ham Radio*, *73*, *All Wave Radio*, *DX Journal*, *CQ*, *Ham Radio Horizons*, *RadCom*, *Monitoring Times*, *Radio Bygones*, *Short Wave Magazine*, *Popular Electronics*, *Popular Communications*, *DXing Horizons*, etc. Some nearly 100 years old! Most priced \$5 to \$10.

TENBA C116

If you are taking your rig to the cabin, Field Day or vacation home, why not protect it on the way? The Tenba® C116 Noble Pak Traveler is a deluxe carry case that is suitable for many mid-sized transceivers or receivers. 16 x 12 x 6 inches.



List \$99.00 Order #6623 **\$29.98**

→ See our new RADIO MEMORABILIA section in our Used Photos Section on the website. Includes radio banners, radio souvenirs and promotional items plus radio hats and clothing. Even QSL cards!

HALF PRICE BOOKS!

Visit our website for full book description and other half off titles!

<i>All About Ham Radio</i> by Harry Heims	\$49.95	\$19.98
<i>Antique Trader Radio & Television Price Guide</i>	\$49.95	\$19.98
<i>FM Atlas Station Directory - 20th Edition</i> by B. Elving	\$49.95	\$19.98
<i>Hello World - A Life in Ham Radio</i> by Gregory & Sahre	\$24.95	\$11.98
<i>Install, Aim & Repair Your Satellite TV System Baylin</i>	\$9.95	\$4.98
<i>King of the Satellites - Six Five O - Grundig Satellite 650</i>	\$22.95	\$10.98
<i>Listening to Longwave - The World Below 500 kHz</i>	\$9.95	\$3.48
<i>Novelty Radio Handbook and Price Guide</i> by Weaver	\$29.95	\$14.98
<i>Plastic Radios</i> by Mark Stein	\$27.95	\$14.98
<i>Radio On The Road - Traveler's Companion</i> Hutchings	\$49.95	\$5.98
<i>Radios Redux - Listening in Style</i> by Philip Collins	\$47.95	\$8.98
<i>Satellites Today - Guide to Satellite Television</i> Baylin	\$9.95	\$2.95
<i>Transmitters Exciters & Power Amplifiers 1930-1980</i>	\$24.95	\$10.98

universal radio inc.

Universal Radio, Inc.
752 N. State St. #222
Westerville, Ohio 43082

614 866-4267 Telephone
dx@universal-radio.com
www.universal-radio.com

www.RFfun.com or
www.universal-radio.com

- Prices and specs. are subject to change.
- Visit our website for USED radio books.
- Informative equipment archive on website.
- Special Note: We no longer have a showroom, but we ship Monday through Friday.

FLAT RATE SHIPPING
Up to \$50.00 \$7.95
\$50.01 - \$100 \$8.95
\$100.01 - \$500 \$9.95
\$500.01 - \$1000 \$14.95
USA except AK, HI, PR.

Visit our informative website for USED radio books, literature, tubes and memorabilia.

In This Issue

NASA Notes	4
Shortwave Program Spotlight	6
International Broadcasting.....	9
Shortwave Center.....	12
The Robinson Report	27
Listener's Notebook.....	29
Pirate Radio Report	41
QSL Report.....	48
Loggings.....	51
Annual Contributors.....	59
Annual Index	62

NASA Notes

Richard A. D'Angelo • 13210 Petrel St. #3407 • Clarksburg, MD 20871 • rdangelo3@aol.com

We close out the DX year with our usual holiday greetings to all our club members. A very Merry Christmas and a very Happy New Year. Let's close out the calendar year with some great holiday listening sessions and kick start 2026 with more great listening sessions. Don't forget to support our various column editors over the next twelve months to continue the club's "Unity and Friendship" motto.

The December cover is a longstanding club tradition featuring a collage of the previous front page covers used during the calendar year. The countries/stations shown in 2025 are: Vatican, Finland, Myanmar, Oman, USAGM Stations, Malaysia, Luxembourg, Papua New Guinea, Gerry Dexter, Nigeria, and Romania. As usual, our thanks to John Herkimer who diligently prepares our covers each month.

I recently learned of the passing of Country List Committee member Wendel Craighead. Wendel of Prairie Village, Kansas, died March 31, 2023. From his obituary I learned that "Wendel had many interests. As an amateur shortwave radio operator, he received verification cards and letters from stations in 230 countries. He spent nearly 40 years photographing shortline railroads (rail companies that run for a few miles to several hundred miles) in the United States and Canada. He held a vast collection of railroad and hotel china. Wendel was an avid reader and loved classical music. He collected

thousands of CDs and LPs and built a harpsichord, balalaika, and mountain dulcimer. He was involved in and attended many local film festivals. His love for travel continued into his retirement, and he traveled to Vietnam several times to visit the family of a close friend." Wendel was 86 years old at the time of his passing.

Long time club member Terry Colgan informs us that Texas Radio Shortwave turned six years old on November 28. Celebrations included rerecording their first radio broadcast, this time with higher-quality versions of the original music and refreshed announcements. The inaugural show aired via North American pirate station Radio GaGa back before settling on a regular music format. Shortwave Program Spotlight carries information about December's programming.

From Nick Langan of Radio World, we learn of some excitement for our Alaskan club member and ace DX'er Paul Walker. "For Paul Walker, the sole full-time employee at KSKO in McGrath, Alaska, it's not uncommon for someone infatuated with perhaps the smallest NPR-member public station in the U.S. to send a token of goodwill its way. But he took notice when a stream of donations started to trickle into remote central Alaska last week. One came from an agency director on Madison Avenue, another from the Chesapeake Bay region of Maryland. After the number reached a half-dozen, Walker asked each of the donors how they found


Unity and Friendship

KSKO. "All of them, either directly or indirectly, said it was because of John Oliver," Walker explained. Oliver dedicated his Nov. 17 Last Week Tonight episode to the role public radio and TV plays in the lives of Americans. The HBO host focused on the \$1.1 billion of federal funding that was eliminated for U.S. public media outlets earlier this year." Paul has broadcast KSKO over Spaceline in Kostinbrod, Bulgaria numerous times for shortwave listeners to enjoy.

Here's a reminder that the National Radio Club AM Radio Log - 46th Edition is now shipping! This all-new edition is a comprehensive list of AM radio stations in the United States and Canada, with full information about power, schedule, format, networks, FM translators, and station addresses and phone numbers. With information from monitors across the continent, there's no more accurate source of broadcasting station information in North America! Price for NRC/IRCA for members is \$35.95 and non-members at \$43.95, both shipped to U.S. addresses. Shipments to Canada are US\$57.70 and to overseas addresses will be US\$75.70. To order via PayPal go the club web site at www.nationalradioclub.org, and if ordering by check or money order, send U.S. funds to the National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251. (OKAY)

We end 2025 with another great batch of hobby related reading material. In John Figliozzi's *Shortwave Center* column, we start with a Shortwave Receiver Review, "First Looks: SDRplay nRSP-ST Network SDR by Craig Seager. Next up are two Station Profile's. The first is "A Visit to SIBC" by Martin Hadlow. The second is "RRI Cimanggis - The Vicissitudes of a Transmitter Site in a

Growing Metropolis" by David Foster. In the Shortwave History section is "DX Nostalgia - Radio Bangui, Central African Republic (1961) by Ronny Forslund. Bill Tilford's *Shortwave Program Spotlight* opens with a discussion about Radio Angela which is WBCQ's second run at a music/entertainment channel including commercials. Next was a general discussion about religious shortwave broadcasting which appeared to become more ubiquitous due to the departure of many government-operated broadcasters and the rise of brokered-time stations which made it easier to air religious programs without being part of an actual religious station. This led to World's Last Chance, which was founded in 2004 and monopolizes WBCQ's 500kw transmitter on 9300 kHz since 2019. The reason that WLC is able to monopolize a transmitter is that they paid for its construction and maintenance. The production values of the broadcasts, which are usually conversational presentations of their beliefs, are pretty slick. Transmitter reliability has proven to be another matter with multiple outages over the years. The column closes with Texas Radio Shortwave's December 2025 schedule and From the Isle of Music and Uncle Bill's Melting Pot December 2025 Schedules. Brian Penney's *Pirate Radio Report* notes that 2025 saw a surge in pirate radio activity on the shortwave bands with many old favorites and a glut of artist-themed stations. Reception conditions were generally agreeable. Programming continues to be dominated by music-playing operators with a few AI stations sprinkled in the mix which featured Art Bell, Dick Bulger, Alex Jones and a couple of very enjoyable, "Valley-Girl" adventures to name a few.

That's it for this month. Enjoy this month's edition of the JOURNAL; it's another good one. 

Shortwave Program Spotlight

Bill Tilford ♦ 809 S. 20th St. ♦ Lafayette, IN 47905-1551 ♦ tilfordproductions@gmail.com

As always, any editorial opinions in this article are my own and not those of NASWA, the North American Shortwave Association.

Radio Angela, Iteration 2 on WBCQ



I am not personally involved with this new version of Radio Angela, WBCQ's second run at a music/entertainment channel. This is coordinated by station engineer Jason Hill, who has (mostly) randomized selections from the vast WBCQ archives. This version accepts commercials; I heard a My Pillow commercial during one of my listening sessions. It is also taking listener contributions and possibly selling airtime, although that last part is not totally clear. Some of the programs coming out of the archives, such as *Behavior Night* (a vintage jazz program), *Marshall Barber's Rock House* and the late Danny Haller's *Bluegrass State of Mind*, are definitely worth a listen, but since the schedule is randomized, and the station is supposedly on the air 24/7 on 6160 kHz, I can't tell you what will be on when. I'm sure there are other excellent programs that turn up as well, but the concept appears to be

"you never know what might happen", and since the first iteration of Radio Angela, with which I WAS involved, did not prove sustainable, I am not in a position to critique this new approach, which also includes a lot more rock, such as Jason Hill's *High Voltage* and *The Alan Sane Show*, in the lineup, which may possibly draw more US listeners. I will observe that the broadcast hours on 6160kHz which are also used by Shortwave Gold and China Radio International may possibly produce some interesting collisions, although I have not investigated that in any detail to date. Based upon remote SDR usage, it looks like much of that 24-hour period is de facto regional coverage, but your experience may vary. If you are in "what's on?" listening mode, it might be worth checking out now and then.

World's Last Chance on WBCQ



This subject requires a special preamble. In the interests of full transparency, I do not belong to any specific religious denomination, I am not a regular consumer of religious programs on shortwave or any other media, I am not interested in debating theology with anyone over any point, and what follows is in the interest of completeness about what's left on the shortwave bands rather than an endorsement of or attack on any specific broadcaster.

For the benefit of possible readers outside the shortwave community or relatively new entrants, religious broadcasting has been around on shortwave for decades. Some stations, like HCJB in Ecuador, carried some programs like *DX Partyline* that were popular well beyond the religious listeners at which they were targeted. In more recent times, religious broadcasting appeared to become more ubiquitous due to the departure of many government-operated broadcasters and the rise of brokered-time stations which made it easier to air religious programs without being part of an actual religious station. It was the exodus of government-run stations that made them appear more ubiquitous than they might have, and for better and worse, they have been an important financial part of the shortwave ecosystem.

World's Last Chance, which was founded in 2004 and monopolizes WBCQ's 500kw transmitter on 9300 kHz since 2019, has become infamous in the shortwave community for advocating its belief that the Earth is flat in the face of all scientific findings. The basis of their argument is what they call biblical literalism, although there is no passage in the Bible that actually states that the Earth is flat; the arguments that they put forth can most charitably be called an aggressive application of metaphor and simile. Technically, this is non-

denominational, but the most important founding personage, Egyptian tycoon Galal Doss, is said to be a former Seventh Day Adventist. Unlike so many radio and television evangelists, he stays in the background. A few of the many other points of theological focus include rejection of the trinity, the contention that most of the events predicted in biblical prophecy have already taken place, and a luni-solar calendar to replace the Gregorian Calendar (this in turn can make the Sabbath Day variable). Although it rejects the trinity, it does declare Jesus Christ (Yahushua in their parlance) as the sole mediator between man and God, and none of the participants call themselves prophets. Their most important belief is probably the one that every other denomination reads the Bible incorrectly.

The reason that WLC is able to monopolize a transmitter is that they paid for its construction and maintenance. An interesting contrast between it and other religious broadcasters is that it is apparently well-heeled enough not to need to solicit donations during its broadcasts (there are ways to donate, and apparently, they seem to prefer crypto, but one has to dig deep in their website to find them.)

The production values of the broadcasts, which are usually conversational presentations of their beliefs, are pretty slick. Transmitter reliability has proven to be another matter. There have been multiple outages over the years, and as I type, the station has been off the air for several days.

I am typing this in a period when several religious broadcasters have decided that a shortwave presence is no longer worth the time and expense, and as I stated at the beginning of this section, there is no spiritual animus for me to make the following observation: just as secular observers are concerned that the departure

of VOA and its family may abdicate the microphone to other countries that broadcast a very different perspective on world events, religious broadcasters might wish to ponder the possible consequences of a spectrum in which WLC was the last station standing.



I originally intended to do an extended review of RAE's Spanish-language service, which has been relayed via WRMI, but there are a number of discrepancies between WRMI's schedule and when RAE is really on air there, and RAE's web page is rather scanty when it comes to archiving shows, so I'm going to defer this one more month. I did do some listening and will make the general observation that RAE en español appears to focus more intensively on music than RAE in English. We'll see what December brings.

Texas Radio Shortwave's December 2025 schedule

TEXAS RADIO SHORTWAVE

TRSW will be participating in Channel 292's December 25 marathon broadcast, which uses 250kW from Wooferton, UK from 0800 to 1800 UTC. TRSW's hour will be from 1600-1700 UTC. It will also have a Christmas Day simulcast on 3975 kHz and 6160 kHz at 1500 UTC. Hopefully the 6160 kHz won't suffer from a collision with Radio Angela at that

hour. Finally for Christmas TRSW will be on 9670 kHz aimed at North America at 2300 UTC. The theme of most of these shows is 2025 Texas Christmas. Other TRSW broadcasts for December include:

December 7 features Music of Texas Artists at 1300 UTC on 9670 for Europe, at 1500 UTC on 3975 and 6160 for Europe; at 1900 on 3975 for Europe and at 2300 UTC on 9670 for North America.

Each day from December 26-December 31, there is a special Seven Days of Christmas featuring various Texas artists from 1500-1600 UTC on 3975 and 6160 for Europe. A New Year's Day special will air at that time and frequencies on January 1.

From the Isle of Music and Uncle Bill's Melting Pot December 2025 Schedules



December continues with 3955 kHz only, and since it is the season for various holidays in multiple countries, both programs will be "surprise packages" of musical goodies for those who need a break from the regular holiday stuff. Dates and times are as follows:

From the Isle of Music December 2025: Friday, December 12, 2025:

3955 kHz, 1700 UTC, repeats 2200 UTC

Uncle Bill's Melting Pot December 2025** Friday December 19, 2025:

3955 kHz, 1600 UTC, repeat 2200 UTC **UBMP times subject to change, check the Uncle Bill's Melting Pot Facebook page,

<https://www.facebook.com/UncleBillsMeltingPot/> for confirmation.

Both shows honor reception reports even if using web SDRs (and you will probably need to use one if you are listening in the Americas) with eQSLs as long as those cover most or all of the program and specify which web SDR was used to monitor them when applicable (shorter reports will get a shorter

note of thanks rather than a full eQSL.) Remember that it might be necessary to use a different SDR away from Twente and away from Germany for some transmissions.

Do you produce or host a shortwave program listenable in North America that you think I should hear? Write me with details (content, times/frequencies) and I'll try to give it a listen for a possible review here. 73, Bill

International Broadcasting

Kim Andrew Elliott ♦ 5001 25th St. North ♦ Arlington, VA 22207 ♦ kimelli@verizon.net
<http://www.kimandrewelliott.com>

Radio Free Asia's peculiar auction

The flow of bad news about international broadcasting has reached firehose levels. We begin with Radio Free Asia. On October 29, RFA CEO Bay Fang announced: "Because of the fiscal reality and uncertainty about our budgetary future, RFA has been forced to suspend all remaining news content production - for the first time in its 29 years of existence. ... However drastic these measures may seem, they position RFA, a private corporation, for a future in which it would be possible to scale up and resume providing accurate, uncensored news for people living in some of the world's most closed places." (tinyurl.com/2yser9z2)

Then, on November 14, it emerged that RFA was auctioning its equipment. Rasmus Auctions wrote on its website: "If you liked our recent NPR and RT Television liquidations, you are going to love the quality, depth and quantity of assets in this auction." (tinyurl.com/26f84dba) The reference to RT was an auction in September that some people thought was VOA's equipment. But, looking at the Rasmus

video, I spotted the Sputnik logo. And, from the size of the facility, concluded that it was also used by RT. (tinyurl.com/289hz9mg) Both Russian broadcasters closed shop in Washington after pressure from the U.S. government.

Down to the coat racks and trash cans

As for the RFA auction, it was a Götterdämmerung. It was colonoscopy prep. It looks like they wanted to unload just about *everything*, down to the coat racks and trash cans. See the furniture auction at tinyurl.com/2b7tffqs and the broadcasting equipment auction at tinyurl.com/2yzvwmm5 - if those sites are still up.

Fox News got wind of the auction, reporting on November 20 that "Some high-definition cameras are for sale for less than a dollar." (tinyurl.com/28sgmzcr) Either Fox News does not understand the concept of starting bids - the final bids on the expensive stuff would be much higher - or they're just lying.

The Fox News story included a quote from Rep. Darrel Issa, notable because he is one of the few Republicans trying to find ways to re-open U.S. international broadcasting: "Lenses you'd pay thousands of dollars for are being sold for pennies. It's clear they're liquidating assets out of spite."

"Everything they said was not true."

Fox News obtained this comment from RFA: "Shedding equipment we can no longer use, while retaining key personnel and assets, responsibly positions RFA to continue editorial operations that hold the Chinese Communist Party and other authoritarian governments to account,"

Kari Lake, the self-described CEO of the U.S. Agency for Global Media (RFA's parent bureaucracy), "shot back": "Everything they said was not true." And Kari Lake knows a thing or two about everything said not being true. "We've given them every single penny appropriated to them."

Lake followed up in a tweet: "America, How do you feel sending \$60million of your hard-earned tax dollars to the NGO Radio Free Asia so they can produce news for viewers in Asia using expensive broadcasting equipment you bought— only to find out they took the money, stopped producing the news and are giving away the equipment (auctioning HD cameras worth thousands for 10 cents)." (tinyurl.com/2ckhmybg)

Thus, Lake repeats the guff about starting bids. And it's rich that she chides RFA because "they stopped producing the news" after months of her efforts to deny Congressionally allocated funds, forcing RFA to go to federal court to shake them loose. She was also quoted in a rare recent (November 21) USAGM press release: "There are real national security stakes in our international broadcasting mission. Dumping

IT equipment without required compliance reviews is not a simple mistake, it is dangerous. It is another insult to the taxpayers footing the bill and it puts U.S. security at risk. We will not tolerate rogue behavior from any grantee." (tinyurl.com/23xsms3f) So now there are "national security stakes" in the international broadcasting that Lake has been working so hard to shut down.

"I have ordered a team of auditors to enter RFA"

Lake also tweeted: "I have ordered a team of auditors to enter RFA offices and find out where every penny you [taxpayers] paid them has gone." Those auditors may be the reason she revealed on November 22: "Radio Free (expensive) Asia took our advice and ended the auction." Sure enough, Rasmus states, at the top of the RFA auction pages: "At the request of the seller bidding has been halted until a future date to be determined."

So why did RFA attempt this auction, and why now? Doesn't RFA funding continue under continuing resolutions, the most recent effective through January? Or did its funding dry up at the end of FY 2025? RFA has not responded to my questions about this.

Looking back at its statement to Fox News, maybe RFA is using its dire situation to offload previous-generation equipment, probably including all radio and big-screen video. I suspect they will move to social media and the small vertical screens of mobile devices which, by the way, can be blocked by China and other Asian authoritarian regimes. And everyone would work from home, or in the field, allowing RFA to vacate its M Street NW building – formerly occupied by the Federal Communications Commission and National Public Radio.

The auction might also be a way to provide the money to keep RFA executives paid (with benefits) – the “retaining key personnel” in RFA’s statement to Fox -- until RFA is, maybe, rescued by Congress. Or it could have been a “close the Washington Monument” ploy to draw attention to RFA’s plight. Hiring Rasmus would be an expensive way to do that, however.

RFE/RL Hungarian closes (again)

The complicated story of RFA’s auction leaves me little space to cover the two other big international broadcasting stories. One is the closing of the RFE/RL Hungarian section. RFE/RL Hungarian operated 1950-1993, then again starting 2020 in a time of reduced independent media in Hungary. Kari Lake notified Congress that USAGM would no longer be “funding propaganda aimed at pushing a globalist/EU agenda while destabilizing our allies like Hungary in Europe.” (tinyurl.com/26ufaj5e) Uncoincidentally, this came just before Hungarian prime minister Viktor Orbán’s visit to the White House.

RFE/RL announced that Szabad Európa Magyar ended operations on November 21. (tinyurl.com/289rxupw). My question is: If the Trump Administration can terminate an RFE/RL service just like that, why doesn’t it terminate all its other services, since it seems to want to strangle the whole of RFE/RL?

BBC’s Trump troubles: More than just legal costs

Another big international broadcasting story is President Trump’s threat to sue the BBC for up to five billion dollars, because of a poorly

edited video on the BBC’s domestic “Panorama” documentary program. Most of the press attention is on the amount of the possible settlement, or the legal costs BBC would have to incur. I think the bigger story is the damage that the Trump Administration could do to BBC’s operations in the United States.

Indeed, Brendan Carr, the chair of the Federal Communications Commission and Trump stalwart, who has been getting his fingers into content matters, wrote to BBC, NPR and PBS asking “whether the BBC provided either the video or audio of the spliced speech to NPR, PBS, or any other broadcaster regulated by the FCC for airing in the U.S.” (tinyurl.com/289r2ra4) Carr was barking up the wrong trees: PBS does not distribute BBC news programs in the United States. WETA Washington does that. Also, NPR does not distribute BBC World Service in the USA, American Public Radio does. In any case, “Panorama” is a *television* program.

The inventory of BBC’s activities in the United States includes the BBC America and BBC World News pay TV channels, programs distributed to public radio and television stations, advertisements on and subscriptions to its U.S.-facing websites, and the CBS/BBC news sharing agreement. The U.S. government managed to shut down Al Jazeera, China’s CGTN and China Radio International, and Russia’s RT and Sputnik in the United States. Maybe they could do the same to BBC.

And then we would have to listen to BBC on shortwave. Happy holidays.

See *Kim’s projects: kimandrewelliott.com, kaedotcom.bsky.social, and swradiogram.net*

Shortwave Center

John Figliozi ◊ 45 Algonquin Rd ◊ Clifton Park, NY 12065 ◊ jfiglio1@nycap.rr.com

The last month of another year? Yikes! There seems no means available to slow down this death-defying (so far, fingers and toes crossed) merry-go-round. So, here's to you! Enjoy every moment of the coming Holidays and we'll see you in (gasp!) 2026!

This month we start with something you may want to see under your tree later this month.

SHORTWAVE RECEIVER REVIEW

First Looks: SDRplay nRSP-ST Network SDR

By Craig Seager
(Australian DX News)



Figure 1: The SDRplay nRSP-ST Network SDR.

Those who know me well will be familiar with my semi regular rants on how tuning other people's web SDRs isn't "real dxing". You will note the lack of logs via remote receivers gracing the columns of the Shortwave Trail, though I do acknowledge the value in being able to check conclusively if something is indeed active, for those with an interest in spectrum occupancy.

However, consider the possibility of a receiver set up by oneself, perhaps on a property out of town, or the old woodshed down the back, and utilising an antenna

constructed and optimised using the Dxr's own two hands and skill, with the ability to tune it from the comfort of the lounge room. Would that satisfy the purist in me? Read-on

In a world where radio enthusiasts are increasingly boxed in by urban noise, antenna restrictions, and the occasional overzealous body corporate, SDRplay's nRSP-ST is one of a few options that now offer a way of leveraging our increasing connectivity and combining it with a high-end radio device. This networked software-defined radio receiver is designed to be installed anywhere and accessed from anywhere—whether you're chasing distant AM stations from your beach shack or decoding weather faxes from your office desk.

So, what is it? The nRSP-ST is a fully integrated SDR receiver built by combining SDRplay's RSPdx-R2 hardware with a Raspberry Pi, all housed in a fan-less metal enclosure. It's a solution for remote



Figure 2: Screen shot of the SDRPlay nRSP-ST.

listening, requiring no Linux wizardry or soldering iron sacrifices. Just connect it to power and the internet (via Ethernet or Wi-Fi), and you're ready to tune in from anywhere on the planet – well at least that's how the sales blurb might read.

Features

- Remote Accessibility: Access the receiver from anywhere using SDRconnect or a web browser.
- Multi-Antenna Support: Switch between three antennas remotely— ideal for comparing HF dipoles or flipping to a VHF/UHF antenna.
- Bandwidth Flexibility: Use Full IQ mode for high-speed LANs or IQ Lite mode for bandwidth constrained connections.
- User Management: Share access with club members or friends using built-in admin tools. Passwords, timeouts, and user IDs included
- Fan-less Design: Silent operation.

Unboxing and setup

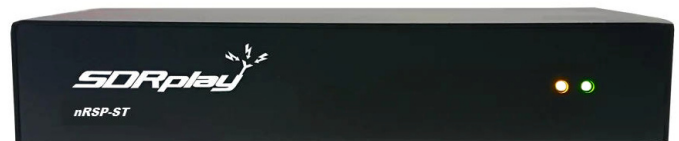
The nRSP-ST came from offshore in a little over a week, however the usual courier blues were experienced, as it needed a signature and inevitably arrived when I was at work.

Consequently, a 24km return trip to the freight depot, almost another week later. And they couldn't find it, at least initially. Grrrr..... I wanted to get angry, but the guy behind the counter was chirpy and chatting about his upcoming weekend down the coast, so I bit my tongue.

Once home, basic setup was pretty straightforward. Downloaded the software, including SDR Connect, updated firmware and an administrator tool that contains most of the settings. There are a couple of YouTube videos available that step through most of this. Before long, I was tuning around using either direct ethernet connection or the home wi-fi.

Of course, whilst it useful to be able to remote tune a receiver that is physically on one's own premises, and situated close to an antenna entry point, the jewel in the crown is web access to the SDR over the internet by either yourself or third parties. That's where things get trickier! You will need more than a basic understanding of networking and your specific router's configuration, in order to set up something called port forwarding, which links the remotely accessed I.P address with the allocated I.P of the networked device (i.e. the nRSP-ST). There are also various linked inbound firewall permissions to be navigated. Whilst there are clues on various websites, and from interrogating AI programs, this stuff is its own skillset, and many otherwise technically competent people may fall short without some trial and error.

Once in place, either a desktop computer or tablet can operate the receiver via the web version of SDR Connect. I also connected with my phone - but for some reason, no



audio was evident, despite a healthy spectrum display.

The desktop version of SDR Connect is more fully featured, and rivals products such as SDR Console in terms of operating ease. Of course, all of these programs have their quirks. I have no idea why the software defaults back to 100 kHz and wideband FM every time it is started up.

Performance

There is little doubt the receive engine of this SDR is up to the high standard of others in the SDR Play stable, though I find both this and the SDR Play Duo more susceptible to overloading than my Airspy Discovery. It is easy to back off the gain, however. You can also notch out intruding local AM or FM signals using easy-to-find controls.

A really nice feature is being able to switch between antennas via software. This will be handy during the upcoming FM season, with a Yagi on one input and loop on the other. Frequency entry is by mouse or virtual keypad.

It's early days (this article is subtitled "first looks"), but the connectivity aspect is likely to be the more challenging. I found it pretty solid on wired ethernet, and although the nrsp-ST works rather well via wi-fi once connected, I encountered more user friction when getting it to that point. Sometimes it takes several attempts before the administrator software "finds" the device, even when it is situated close to the Wi-Fi router. It could be user error/wrong settings, but I'd certainly want to get a better understanding of this device before abandoning it at some up-country offshore location, where there is no technical support on hand.

The nrsp-ST costs in excess of AUD \$800 [USD \$525 - ed.] landed, which is not exorbitant for what you get.

We've certainly come a long way since the rudimentary multiband receivers of our teens. My advice is embracing technology, rather than fight it, but it's going to take more effort than knowing how to put up a long-wire in the backyard in order to fully leverage what's now available in a radio.

Key Specifications

- **Frequency Range:** 1 kHz to 2 GHz
- **Instantaneous Bandwidth:** Up to 10 MHz (wired only)
- **ADC Resolution:** 14-bit
- **Connectors:**
 - o Two SMA female connectors for 1 kHz to 2 GHz
 - o One BNC female connector for 1 kHz to 200 MHz
 - o MCX connector for external 24 MHz clock input
- **Network Interfaces:** Ethernet and Wi-Fi
- **Antenna Port B:** Features a 4.7V bias tee output
- **Processor:** 64-bit quad-core @ 1.5 GHz
- **RAM:** 2GB LPDDR4-3200
- **Storage:** 8GB eMMC
- **Power:** AC mains power supply

STATION PROFILE

A Visit to SIBC

by Martin Hadlow
(Australian DX News)



Figure 3: The author in front of the Solomon Islands Broadcasting Corporation building during a recent visit.

In August, after an absence of several years, I had the opportunity to return to my old place of residence, namely Honiara in Solomon Islands. I was back in town as keynote speaker at a public commemoration to remember the start of the Battle of Guadalcanal (7th August 1942).



Figure 5: A tour of the SIBC facilities.

As a longtime Board member of the Solomons Scouts and Coastwatcher's Trust, a not-for-profit organisation dedicated to highlighting and remembering the role of Solomon Islanders operating with the Allies during WWII, it was an honour to be invited. Many DXers will know that the Coastwatchers used AWA Teleradios (mainly of the 3B and 3BZ series) operating on a 'secret' X frequency (6675 kc/s) to transmit vital intelligence on Japanese military movements to Allied HQ in Australia.

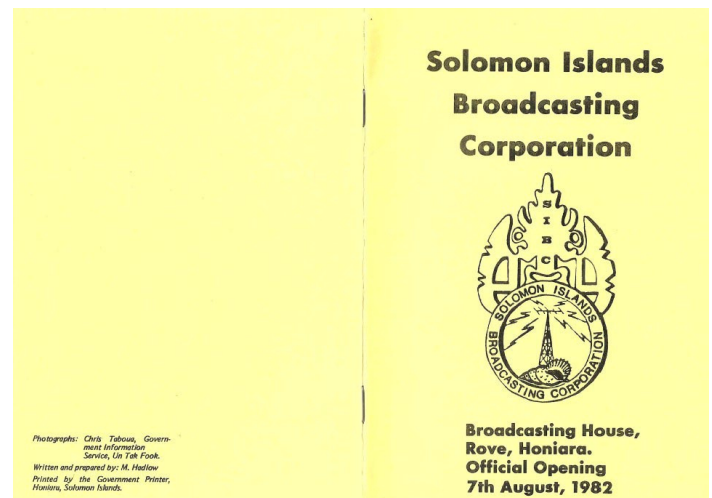


Figure 4: This Solomon Islands Broadcasting Corporation document was written by Martin Hadlow years ago.

From 1980 to 1984, I had the pleasure of living in Honiara as News/Programme Trainer and, later, Head of Development and Training, on a major Australian aid project to develop the Government-owned **Solomon Islands Broadcasting Service (SIBS)** into an independent **Solomon Islands Broadcasting Corporation (SIBC)**. The project involved the construction of a completely new Broadcasting House studio complex



Figure 7: The official opening plaque on the building from 1982

containing the most modern equipment available at the time, the commissioning of new MW and SW transmitters plus aerial systems at the Henderson transmission site, the opening of regional **SIBC** stations at Gizo (Western Province) and Lata (Temotu Province), and the recruitment and training of a new staffing table.

While visiting Honiara in August this year, I dropped into my former place of employment and had the pleasure of meeting the current **SIBC** CEO, Johnson Honimae. He kindly took me on a tour of the facilities, and I was delighted to note the pristine condition of the building since its inauguration in 1982. It was also splendid to recognise the quality of the radio news and programming output of the national broadcaster, the financial viability of the whole operation, and the professionalism and presentation of the **SIBC** staff, all wearing printed **SIBC** tropical shirts. One major studio space in the building is now used exclusively for **SIBC-TV** daily news and current affairs programming, a new venture since my days with the organisation.

The **SIBC** is currently in the process of developing a new planning document for the future. This is expected to include the



Figure 6: 70th anniversary Solomon Islands Broadcasting Corporation coffee mug.

establishment of a new station, **Radio Temotu**, in the eastern part of Solomon Islands. The original **Radio Lata** station (broadcasting on MW and heard by several DXers in Australia and New Zealand) left the air many years ago, due to financial and technical issues. The new station may well again operate on MW, thus bringing a nice potential DX 'catch' for ARDXC members.

It was delightful to chat with current **SIBC** staff and to brief them on some historical details of the original **SIBC** project of which they had little knowledge. For example, most were unaware that the original Australian aid project and building design was managed by Ove Arup and Partners, the same firm that built the Sydney Opera House. Perhaps it is thanks to the quality construction work of this prestigious company that the **SIBC** complex has withstood earthquakes, cyclones and even civil insurrection.

The official opening plaque on the building from 1982 is still in place. At the time, the **SIBC** was named Radio Hapi Isles, so the General Manager, Ashley Wickham, and I scoured the Bible for an appropriate

quotation on happiness to fit the criteria. We found it....and it is still on the plaque.

Martin Hadlow, SIBC 1980-84

STATION PROFILE

RRI Cimanggis

The Vicissitudes of a Transmitter Site in a Growing Metropolis

by David Foster
(Australian DX News)



Figure 8: RRI Cimanggis 9690 rotatable log periodic antenna.

There is some excitement in the DXing world that **RRI** has reversed, albeit in a small way, its trend of abandoning shortwave. In July this year **RRI Programa 3** (Pro Tiga) appeared on 7300, fiddled its way to 7330,

then 7335, back to 7300 and settled on 7205. It represented a breath of fresh airwaves. There was speculation that the transmitter was sited in Sulawesi or in Jakarta, or that it was even an unauthorised amateur relay. **RRI** remained mysterious about its location. Wherever it was (and it wasn't Cimanggis!), it got me investigating the Cimanggis transmitter complex in West Java. It turned out not just to be a radio saga but a history of what happens when time and population growth engulf an allegedly outdated technology space. It's a story that has been repeated all over the world.

Cimanggis means Mangosteen River. It suggests a picture of what the locale used to look like long before Jakarta expanded into neighbouring West Java. In Dutch colonial times Cimanggis boasted a large horse-trading market. Now it's endless suburbia 33 km by road south of the centre of Jakarta which has a total metropolitan area that has blown out to 35 million people. **RRI Cimanggis** is right in the middle of that suburbia with lots of tempting development capacity.

Returning to radio, Ludo Maes' excellent Transmitter Documentation Project of 1998 listed all the transmitters that **RRI** used at Cimanggis. Just as useful, an undated

document published by the Japan International Cooperation Agency, estimated around 1990, matched transmitters to frequencies. In addition, it showed there were 2 Cimanggis sites. Telefunken, Philips and Harris transmitters were at Site 1 while VEB Funkwerk and Thomson were at Site 2. The exact Marconi site is unknown because it was developed post 1990.

TDP info 1998 - matched with JICA info circa 1990:

- 100 kW x 1 Telefunken 1967: 9780, standby for 7270/9680
- 50 kW x 2 Philips 1970: 4775, standby for 6045
- 120 kW x 2 Philips 1970: 6045, 2nd transmitter not accounted for
- 100 kW x 2 VEB Funkwerk 1973/74: 11790, 15150
- 100 kW x 3 Harris 1982: 7270, 9680, 11770
- 250 kW x 1 Thomson 1983: 11865
- 250 kW x 4 Marconi 1992
- 250 kW x 3 Marconi 1995

Investment in so many high-power transmitters should have made **RRI** a leader in the battle for shortwave supremacy. Apart from a brief golden period in the mid-1990s, it wasn't the case. As Adrian Peterson in *Wavescan* #394 in 2016 put it, 'Unfortunately, the story of shortwave broadcasting from Cimanggis is the saga of an almost constant supply of new transmitters which replaced earlier ailing transmitters, brought about by the harsh tropical climate with its high temperatures and monsoonal rains, and worsened by



Figure 9: Believed to be the 4755 kHz dipole.

financial shortages and insufficient trained staff'. But worse was to come.

Enter Indonesian President Joko Widodo, known as Jokowi. Inaugurated in 2014 he was keen to make a splash, so decided on an ambitious showpiece to ensure Indonesia could boast a world-class Islamic campus, in the form of the Indonesian International Islamic University (IIIU). Initially, Jokowi wanted 1000 hectares of land. However, because his aides couldn't find an area large enough, he finally agreed that the **RRI**

Cimanggis complex would be used instead, settling for 142.5 hectares excised from it.

RRI had occupied the Cimanggis site since 1958. Within the complex, office, transmitter, diesel and multipurpose buildings, police and security guard posts, official and employee housing, social and public facilities, SW & MW antenna areas, and a section for a studio to transmitter link were built. There was plenty of work to do to relocate the facilities affected by the IIIU acquisition.



Figure 10: RRI Cimanggis former shortwave towers.

In a classic case of gung-ho decision-making, the Ministry of Religious Affairs, responsible for the development of IIIU and with an enthusiastic president egging them on so that his campaign for a second term could show off a signature achievement, sprang into precipitate action which predictably turned out to be reckless.

The Ministry should have ensured that all legal matters were before construction began. Compensation in the form of land to relocate **RRI** assets was not yet settled. Then the bulldozers rolled in, knocking down RRI's shortwave transmitter feeder lines, disrupting broadcasts. There were no longer any employees guarding the facilities following the ownership change so looting such as of copper coils and other equipment was rife, and vandalism and neglect took

their toll on towers, transmitters and generators which became scrap metal.

By the time Jokowi laid the IIIU project's cornerstone in June 2018, many of RRI's assets were derelict or had been totally destroyed. A building housing the **Voice of Indonesia** transmitter that was still broadcasting in nine languages had been abandoned. It was a schemozzle.

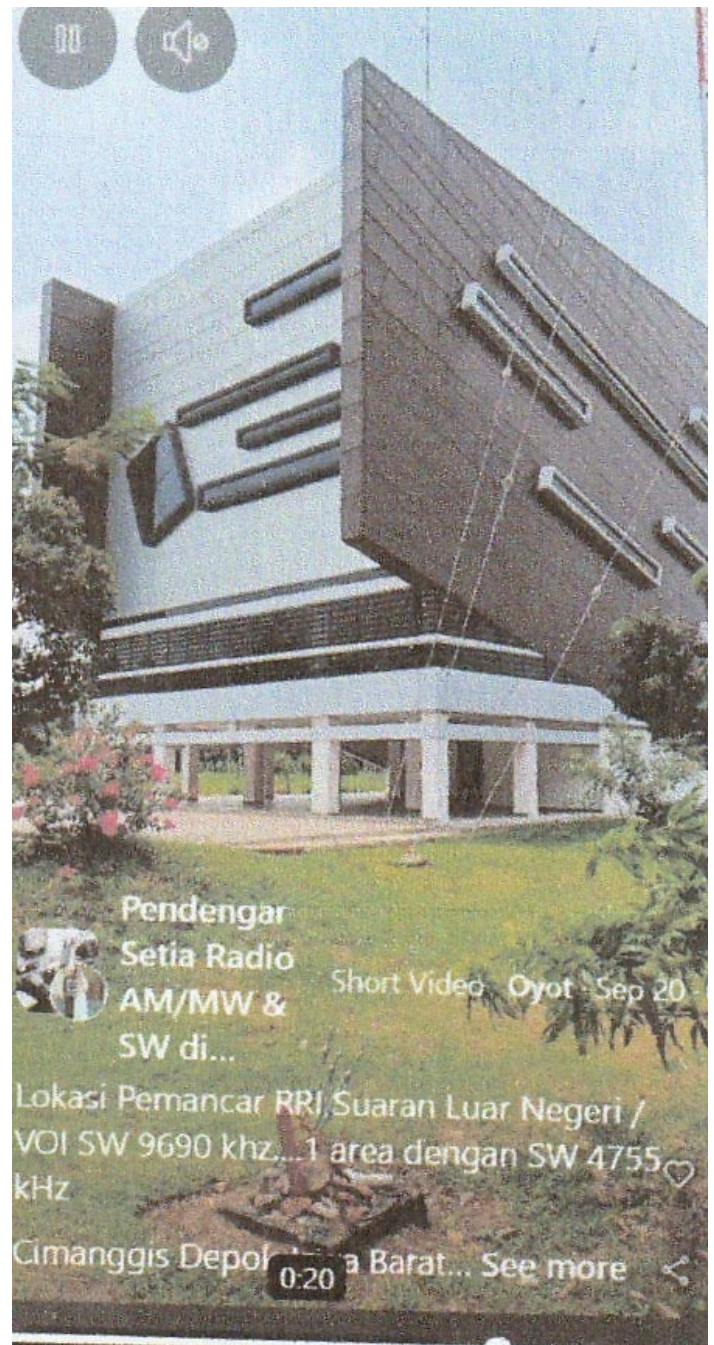


Figure 11: RRI Multimedia Broadcast Centre Cimanggis with presumed 4755 kHz tower scan.

To highlight all the setbacks, popular Jakarta media outlet Tempo even managed a play on words on RRI's motto 'Sekali di Udara, Tetap di Udara – Once on the Air, Always on the Air. Its headline became Sekali di Udara Pemancar **RRI** - **RRI** Transmitters Once on the Air

Problems mounted. Opposition to the IIIU construction came from hundreds of impoverished, mostly subsistence farming families who had been living on or using the **RRI** land for decades. They were intimidated and forcibly evicted by police, supported by the Ministry of Religious Affairs, without satisfactory compensation, unsuccessfully claiming in court that they had rights to it due to their possession of land deeds from the era of the Dutch colonial government. Reasonable recompense for some of the residents took eight years.

Even cultural heritage considerations came into play. The new university wished to demolish Cimanggis Manor House, also known as the Thousand Roof Tile House, built in 1775 as an elegant retreat for the wife of the Dutch East India Company Governor-General. Once **RRI** was in charge of the manor it was partitioned and 13 families, all members of staff of RRI, lived there until 2003. When the building was no longer occupied the community used it for weekly bazaars.

No one, however, was taking care of the building and by 2013 the roof had fallen in, one of the walls had collapsed and there was as much greenery inside as out.



Figure 12: Cimanggis House restored.

The Indonesian Vice-President remarked that he did not see why the government should preserve a Dutch colonial building from the era of a corrupt governor general. Heritage law unequivocally protects religious and colonial structures, and the preservation of the house became a nationwide cause célèbre which forced the university and the Vice-President to back down. By 2022 the building had been beautifully restored.

The government must have belatedly recognised that **RRI** had been on the receiving end of a raw deal regarding the loss of much of its land and equipment. As of 2022 **RRI** has a shiny new Multiplatform Broadcast Centre and a stylish Multimedia Broadcast Centre at Cimanggis which include

delights such as **RRI** Corporate University and a Digital Leadership Academy.

There's a possible twist in the tale. When IIIU jumped the gun and managed to destroy **RRI** facilities at Cimanggis in 2017, the claim was made in the media that 18 towers and 15

transmitters had been destroyed. Was that really the case? In fact, the number of operating transmitters at the time had been reduced to just three – SW for the international service on 9525 kHz which was last reported in September 2017, MW on 999 kHz (its NEC dual 150 kW transmitters are now underwhelmingly superseded by half a dozen 1 kW transmitters throughout Java), and 88.8 MHz FM with the Pro 3 national news network. How could **RRI** let 8 x 250 kW transmitters at Cimanggis languish into limbo? The same question could be asked about a 250-kW unit at Padang Cermin – Medan (1983) and five similarly powered

transmitters at Bonto Sunggu – Makassar (1996). The last of the 18 towers, probably the MW mast, appeared in a 2023 photo but by 2024 it was gone.

Did **RRI** use the Indonesian International Islamic University as a scapegoat for RRI's technical mismanagement? Was it political indifference and a whiff of corruption over many years that led to RRI's issues? Or should we just accept that radio is not the influential medium it used to be decades ago so less investment in it makes sense? Whatever way you look at it, **RRI Cimanggis** has certainly had its ups and downs.

References – Indonesian online news portals - Tempo, Kompas, Detik, Independent Observer, Eduwara Radio sources - Wavescan, ADXN, DX Listening Digest, WRTH, Broadcast Belgium, Japan International Cooperation Agency

Postscript

9690 *

The new 9690 **Voice of Indonesia** transmitter is indeed located at Cimanggis. Its tower is sited right outside the rather flash RRI Multimedia Broadcast Centre opened in 2022 which is next door to the older **Voice of Indonesia** transmitter building. The address is Jl. Umum 2, Cisalak, Sukmajaya, Depok, West Java. Geographical coordinates of the **VOI** building are 6.394027, 106.860357. * Transmitter output power has been described as 200W, 400W and 1 kW. A reliable post from a **RRI** Supervisory Board member on 19 September in Facebook group Pendengar Setia Radio AM/MW & SW di Indonesia confirmed the present power as 200W. It doesn't exactly burst a monitoring DXer's eardrums, in fact it's quite a challenge. * According to Pendengar Setia, the new transmitter was inaugurated on 15 September 2025, not on 9690 but on 9680. Mauno Ritola of WRTH fame requested **RRI**

engineers change it to 9690 to avoid Chinese jamming of Radio Taiwan International, and they did. It was evidently already on 9690 by 18 September. Maybe it ought really to have started up on 11 September to coincide with RRI's 80th birthday celebrations. * The antenna for 9690 is a rotatable log periodic dipole. * Schedule on 9690 – appears to be 24h as checked on Kiwi SDRs in Bogor and Bandung but expect some time off for maintenance which happens fairly regularly but unpredictably. It's not registered in HFCC B25.

4755

* **VOI** on 4755 is also located at the Cimanggis site. The transmitter was transferred from Makassar in 2020. According to Mauno Ritola it is nominally 10 kW but operating on 3 kW. It apparently has a 30 metre dipole aerial. * Schedule on 4755 – officially *1000-2300* (actually heard *0952-2301*). Operating hours are regular and it's rarely off when it should be on. Well heard. * HFCC A25 and B25 registrations for Voice of Indonesia are incorrect from 1700 onwards mainly because they omitted a language registration for 1700 1800. That pushed all the times/languages an hour later, e.g. Spanish 1800 which in real life is 1700.

3325

* Let's not forget that **Voice of Indonesia** also broadcasts on 3325 from Palangkaraya *1000-2300*. It suffers from all sorts of technical issues and it's amazing that it soldiers on although in a rather ghostly form. * **VOI** announcements only mention 3325 and 4755, not 9690. That's probably because the often-repeated recorded frequency announcement was made months or years ago.

7205

* And just in case you need a reminder about the other Jakarta transmitter location, it's at the **RRI** building at the rear of Jl. Radio Dalam Raya 4, Kebayoran Baru, South Jakarta (the front building is RRI's Education and Training Research and Development Centre so maybe the 7205 setup is a student project)), with a rudimentary Yagi antenna on the roof. More accurately if you look on google maps you can find it on the corner of laneways Jl. Antena II and Jl. Antena VIII, with geographical coordinates -6.250269, 106.791172. The frequency has settled on 7205 after experimenting with 7300, 7330 and 7335. Its broadcasts commenced around the start of July 2025 and it carries RRI Pro 3. Schedule is rubbery – mostly you can expect to find it between 0900-0100 but sign on/off varies and it can even go 24 hours on occasions. HFCC has it registered for B25 from 1000-2300 with nominal 1 kW. It's directional towards the east (Java, Papua), primarily intended for Indonesian communities residing in border areas but also broadening the reach of **RRI** services to international audiences. Actual power output was 600W but increased to 800W in early October. 7205 was off air for about a week until its return on 18 October. Apparently, they used that break to raise the height of the antenna, but the directionality and transmitter power are the same. Co-channel interference has ramped up in the B25 period according to HFCC registrations – **CRI** 1200-1400, 1600-1800, 1900-2200 and 2300-2400 and conflicting **CNR** via Urumqi 1230-1800 and 2330-0300. It might be time for an RRI channel shift.

And more... *

A post in Pendengar Setia reported that **RRI** submitted a budget proposal dated 11 June 2024 to the Indonesian House of Representatives for additional capital expenditure for the 2025 fiscal year. It is not clear whether the proposal was approved. The proposals relevant to SW were (with the addition of approximate USD equivalents) – Completion of physical and interior construction of overseas broadcast support buildings (USD 3,468,000) Procurement of a 50 kW DRM SW capable transmitter and accessories (SLN) (USD 1,805,000) [SLN presumably = Siaran Luar Negeri = Overseas Broadcasts] Rent an overseas transmitter (USD 241,000) [Might it refer to the existing relays from **WRMI** or do they intend to hire airtime from somewhere else?] Procurement of a 100 kW SW transmitter (USD 3,393,000).

* **RRI** has influenced street names – surrounding the Kebayoran Baru transmitter building is a series of Jl. Antena (Antenna Street) laneways and the main road is called Jl. Radio Dalam (Inner Radio Street). Next to the **RRI Cimanggis** buildings you can find streets and lanes titled Jl. Pemancar (Transmitter Street) and there are any number of Jl. Radio lanes throughout the Indonesian International Islamic University complex which took over **RRI** land. There's even Jl. Kompleks **RRI** close by and Jl. **RRI** a few streets away.

Please remember to direct all communications about subscriptions, bulletin delivery issues, the use of PayPal as a payment method, etc. to Rich Cuff at the club's new business address P. O. Box 3292, Allentown, PA 18106 or to his e-mail address, hq@naswa.net. Missing issue emails go to missing-issues@naswa.net. Be sure to whitelist email from journal@naswa.net. If you mail us a check, send an email to hq@naswa.net to let us know that it is coming. Please mail your check by the 15th. Thanks!

DX Nostalgia – Radio Bangui Central African Republic (1961)

by Ronny Forslund
(Shortwave Bulletin)

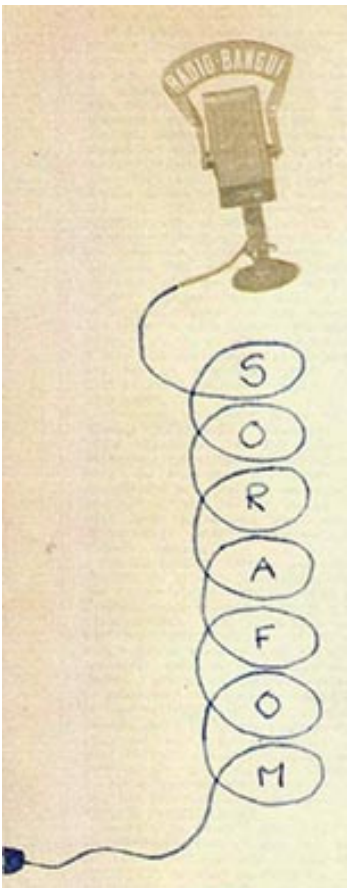


Figure 13: Radio Bangui tapes were delivered by SORAFOM of Paris

In this edition of DX nostalgia, we have an article by DXer and journalist Guy Jamais. He actually started his journalistic career by writing for the magazine DX Radio in 1957. He used to have a great column called "DX Reporter". The magazine was published by Sveriges Radioklubb, which was formed already in 1944. DX Radio was for some time sold through a chain of Swedish newsstands called Pressbyrån and it was available on subscription basis for club members.

Guy retired in 2004 after a journalistic career spanning 47 years. After six years of working for United Press International (UPI) he was employed by the Bonnier Group and worked for several of their magazines. As Guy says: just because a journalist goes into retirement, he never stops writing. This is very true in Guy's case. Since 2017 he has been writing about interesting but often forgotten women through history. At the time of writing he is

writing about woman no 328, 329 and 330 at the same time.

The following article was published in *DX Radio*, and it is a story about Guy's visit to **Radio Bangui** of the Central African Republic in 1961. The story was translated by yours truly.

Radio Bangui

During my one and a half month stay in Africa, I didn't have time for as much DX related experiences as I had in mind from the start, but I did make a valuable contact: that with Radio Bangui in the Central African Republic.

This is how it started. I was sitting in the bar "La Banquise" in the centre of Bangui, having a drink to cool down, when suddenly a very likeable gentleman sat down at the bar stool beside me. We started talking and soon we got to the subject of radio. Just imagine my surprise as he introduced himself as monsieur Pierre Danlou, the man behind **Radio Bangui**. One hour later we got up from the bar stools, I picked up my cameras and together with Danlou I walked to a little building which had the sign Radio Bangui, SORAFOM on it.

It was close to one o'clock, which meant the station was closed. The entrance was a sort of an iron grille and as soon as we approached the building it was opened wide by an African doorman.

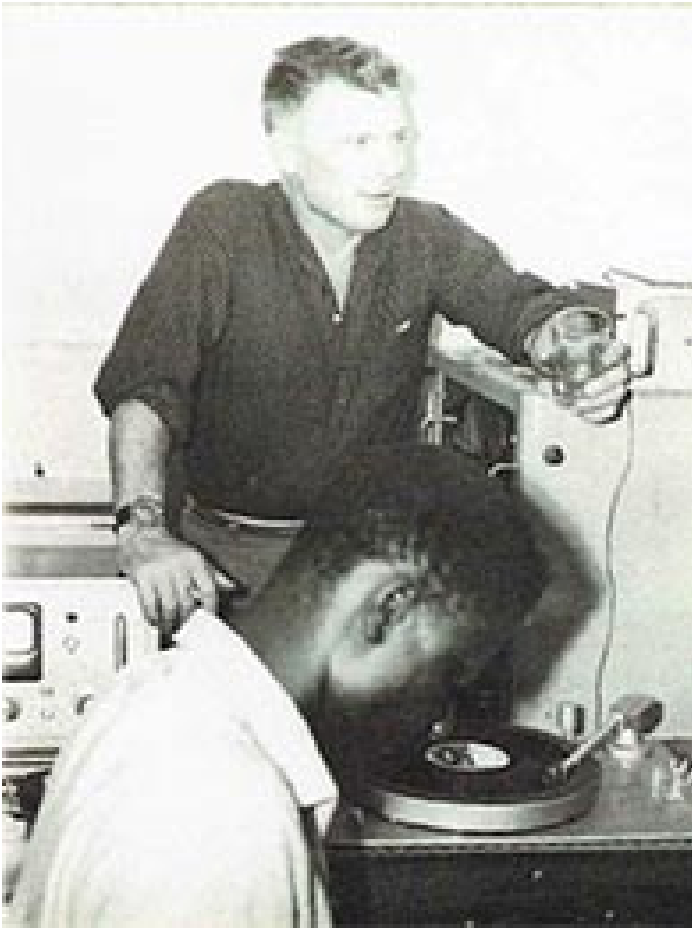


Figure 14: Guy's father Mick Jamais in the technician's booth during the programme "Stoppez la musique",

For those members of Sveriges Radioklubb who have visited the club meetings at Norra Bantorget in Stockholm, as a comparison I may mention that Radio Bangui's studio and technician booth is no bigger than the small hall at our place. The studio is probably around two by three metres at the most, but despite the minimal space the station has succeeded in squeezing in a table on which the microphone with the "Radio Bangui" logo is placed, ten chairs, a piano and a complete drum kit! The technician's booth contains, if I may quote the African technician, "a lot of technical devices, just as in most other radio stations." I was not able to get any information whatsoever about the technical equipment, and I can't say which equipment was used as all company brands had been removed. This room was probably also around two by three metres.

I shot some pictures of the studio plus the antennas, that is the two 15 metres long pieces of wire that crosses the street. They are not tuned to any particular frequency but are used in the most helter-skelter manner.

The station rarely uses taped programmes, despite the fact that such tapes are delivered all the time by SORAFOM of Paris. According to Danlou, the station favours live programmes as the African listeners appreciate programmes where they may participate themselves. Gramophone music is naturally played to a great extent for both Africans and European listeners. The station's interval signal consists of seven notes from the Central African national anthem, played on the African instrument sansa (in World Radio Handbook misnamed zanza). It consists of a wooden box incorporating a lot of metal pins of various lengths. The broad casts are only in French, which is the official language of the country, and Sango, which is Central Africa's answer to Esperanto. It is a language which has grown out of the 50 or so dialects of the country.

As the winds of freedom started to blow across French Equatorial Africa, which included the Central African Republic, then known as Ubangi-Shari, preparations for building a radio station in the country were taking form. This happened in 1958 when the station received a discarded truck where a portable transmitter was installed. The transmissions would just cover Bangui with surrounding areas. However, the radio team had to put up with this for the time being. One year later they were able to move the portable transmitter into the building which now houses the station. A shortwave transmitter was installed and now the broadcasts from **Radio Bangui** could be received all over the country. The makeshift portable transmitter was initially used to

cover Bangui, but soon a modern medium wave transmitter was obtained which covers almost half the country. At the time of writing there are around 5000 radio sets in the Central African Republic, and it should be mentioned that the entire population is 1.17 million, of which 20000 are non-Africans.

After having provided this scant information, Monsieur Danlou declared that I was most welcome to a live broadcast which would be taking place at eight o'clock in the evening. Of course, I accepted and then we parted, in order to enjoy the siesta on our respective sides. Something most necessary during the hottest hours of the day.

At eight o'clock the scene outside the radio house was quite different. Outside the entrance about a hundred Africans were crowded and they all wanted to get into the little studio. Heavily pushed from all sides, Danlou explained that only fifteen people could come in. This led to wild protests from all the others as those fifteen were chosen to participate in the programme "Stoppez la musique" (Stop the music). The idea behind this programme is that anybody can stop a record playing and then in a clever way explain why he liked or disliked the music. The cleverest explanation is rewarded with 200 bottles of Mocaf beer plus a money price of 1000 CFA-franc, which is around \$4.

I succeeded to squeeze myself into studio, which was now like a sardine can, but I realized taking any pictures inside would be impossible as it was too crowded. I elbowed my way out and went into the technician's booth where there was more space. In this room the jury, which would choose the cleverest reason for stopping the music, had gathered but there was still a spot for me.

The red light was turned on and Danlou, being the speaker, gestured to the



Figure 15: The main entrance of Radio Bangui.

technician to put on the first record. Not once did it happen that a record was played from the start to the end, of course everybody wanted to contribute clever explanations, attracted by the possibility of winning 200 bottles of beer. This was an experience I cannot describe in words, and I should have had a cine camera and a tape recorder.

Radio advertising is very common and all quizzes at **Radio Bangui** are sponsored by different companies. "Stoppez la musique" is sponsored by MOCAF, hence the happy winner's prize of 200 bottles of beer, probably making him even happier as the bottles are emptied.

After the programme, which lasted an entire hour, Monsieur Danlou introduced me to Radio Bangui's manager Mr. Pouillon, who will soon leave his post in favour of Danlou. Pouillon's position has only been symbolic – it's Danlou who since the start of **Radio Bangui** in 1958 has been the real "boss".

I won't go into listing frequencies and broadcasting times. All of this information can be found in the World Radio Handbook and SRK's frequency table. But I can tell you that **Radio Bangui** is very interested in reception reports, especially from Sweden, after I told them that the station can be received sporadically at our cold latitudes. An International Reply Coupon should be enclosed with your reception report, and the

address is: **Radio Bangui**, BP 700, Bangui, RCA. It should be mentioned that Radio Bangui won't tolerate ambiguous reception reports. (559 Guy Jamais)

Here is a QSL card from Bangui, the so called SORAFOM-card. All affiliated stations were operated by SORAFOM (Société de radiodiffusion de la France d'outre-mer) from 1955 to 1964 by the state-owned France Télévisions group. The stations operated in France's overseas departments and territories, carrying news, cultural, and regional language programming. But there was also a considerable share of local programming as we have seen in Guy's story.

The card was received in 1963 by Lars Rydén LR and the postmark has a promotional text for coffee from the Central African Republic: "Café de la RCA – Un stimulant". The Central African Republic exports exclusively robusta coffee. According to the International Coffee Organisation, just over 2100 tonnes, or 35,100 60kg bags, were exported in crop year 2021. This is a slight increase on the 2040 tonnes, or 34,000 bags exported in crop year 2020. Overall, though, the ICO reports that coffee exports from the country have fallen by over 60% since the 90s.

More recently, coffee exports in the Central African Republic have been significantly

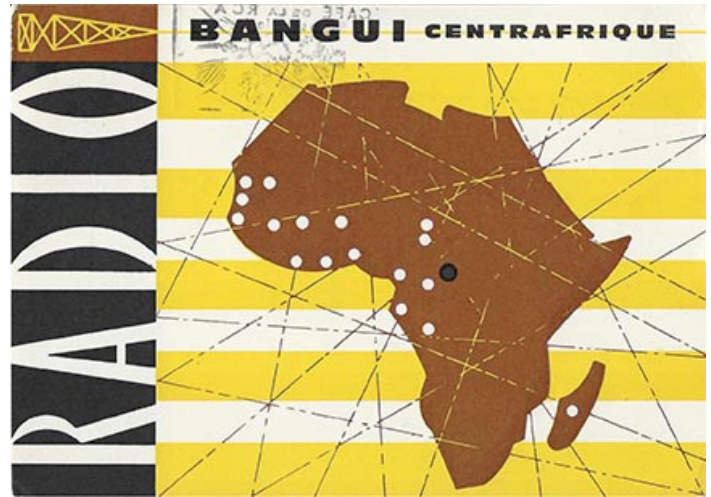


Figure 16: A QSL card from Radio Bangui, the so called SORAFOM-card, received in 1963 by Lars Rydén LR and the postmark has a promotional text for coffee from the Central African Republic: "Café de la RCA – Un stimulant".

impacted by ongoing conflict. The Sudanese trade route is the main means by which coffee from the conflict-ridden southeast is exported to serve the strong domestic market in Sudan. Armed groups have generated millions of pounds from extorting locals and traders by controlling roadblocks and striking deals with the agriculture board to take a percentage of taxes. Much of the coffee trade is believed to circumvent official government controls which explain such low official export figures.

NASWA E-group at Groups.io: Join moderator Dan Ferguson, the club's e-mail based E-group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the Journal for publication. This forum is a supplement to, not a replacement of, The Journal. Subscribe by going to <https://groups.io/g/NASWA>. Any club members wishing to participate in the NASWA E-group at Groups.io, moderated by Dan Ferguson (k4voa@zerobeat.org), but not interested in registering direct with Groups.io should contact Dan direct by e-mail for further information. Dan can manually add you to the group.



The Robinson Report

Daniel Robinson ♦ 11700 Charen Lane ♦ Potomac, MD 20854 ♦ dxace1@gmail.com

VOA/USAGM: The Definition of Damage . . . and Emerging Alternatives

As 2025 comes to a close, we're back to the USAGM/VOA story which as this is written is approaching another key date: on December 25th, the D.C. Circuit is scheduled to hear arguments in three consolidated cases challenging President Trump's March executive order directing that the agency be reduced to statutory minimum operations.

As readers will recall, for most of this year VOA staff -- including the Biden-era VOA director -- suspended during the administration's sharp reduction of USAGM have been suing to get their jobs back. At the same time, the so-called "grantee" media (RFE/FL, RFA, etc) -- think of them as NGO's that were funded by USAGM -- were also suing for continuation of their funding.

A lot of water has flowed under the bridge. With the long government shutdown over, we shall see what emerges on the 25th. And things won't end there as we're yet to see how Congress deals with the question of funding for any ongoing U.S. government (i.e. taxpayer) funded media operations (see my previous columns). Another question is when or whether the Supreme Court weighs in on the overall question of Executive authority to make changes at "independent" agencies (likely not until next year).

Money for VOA operations is in the Department of State funding bill which as of this writing had not been acted upon. Earlier this year, a figure of about \$680 million was

included in funding legislation. That's a significant decrease from previous FY levels. The lawsuit group essentially wants judges (primarily Royce Lamberth, a Reagan appointee) to restore VOA to what it was last March (he had stayed a previous RIF (layoff) order by the administration before the government shutdown).

Well, good luck with that, and I could spend the entire column in the weeds of the controversy, but let me switch to some additional thoughts and another interesting story that has emerged over the past year with further details in recent weeks.

First, from an August article in The Atlantic, this quote: "The sudden downfall of VOA will have long-term and unknown impact on America's foreign policy..." (see: <https://shorturl.at/bQkGp>). So, let's take a look at this statement.

In this piece, one among many hit pieces aimed at the Trump administration, the author's use of the word "downfall" is interesting. Had this been written in response to actions by a Democratic president to downsize or eliminate USAGM/VOA, one wonders if it would have been described this way. Some might assert that downsizing would never have occurred at all under a Democratic administration -- which goes to underscore a point I have been making for years. Any attempt to trim the size of the USAGM behemoth and save

taxpayers some money would never have been initiated by Democrats.

How about "long-term and unknown impact"? Certainly, there was impact from the rapid disappearance of VOA content. But was it severe and "long-term?" Former consumers of the USAGM content (remember that audience claims referred to "weekly" not necessarily minute to minute or daily listeners or users) obviously noted the disappearance. But now, months later, have they moved on and are they obtaining content from other sources? Absolutely yes and there is plenty of that content out there to be consumed, whether it's from BBC, Sky News, France24, or yes China and RT.

Again, I maintain that what I wrote in my 2016 commentary on the Center on Public Diplomacy website holds true today. The United States is not necessarily "measurably worse off, or its people and government's domestic, foreign and national security policies **massively** unrepresented on the global media stage. . . ." with VOA and other services gone. The world has not collapsed. And there is nothing showing that the U.S. is any more vulnerable to external terrorist/extremist threats because USAGM operations have been reduced.

On to what I'll call emerging alternatives, namely other methods the United States is using to counter disinformation. In a November 8th article in Stars & Stripes (see: <https://www.stripes.com/branches/army/2025-11-07/new-army-unit-combat-disinformation-19691168.html>) we learn that the U.S. Army formally stood up a "Pacific-based detachment tasked with countering disinformation and "malign influence" aimed at America and its allies and partners by adversaries.

Based at Fort Shafter, Hawaii, the article describes the 1st Theater Information

Advantage Detachment as the first of three such units the Army aims to stand up before the end of 2026. Further from the article: "The second is slated to be stood up this spring at Army Cyber Command, with the third expected to be activated next fall at U.S. Army Europe and Africa. "

Col. Sean Heidgerken, the unit's commander, and Command Sgt. Maj. Avery Bennett described the purpose as "maneuver[ing] within the information environment and maintain[ing] positions of advantage. . ." The Hawaii-based unit "consists of five teams specializing in areas of cyber intelligence, psychological operations, public affairs, electronic warfare, civil affairs and information operations. . . [operating on a] commitment to promoting transparency, countering malign influence and ensuring our friends and partners to rely on the truth."

Asked for an example of the kind of malign activities the unit would focus on, "they pointed to China's machinations and claims of sovereignty in the South China Sea, where Beijing has used gray-zone conflict, coercion and financial entanglements to leverage its position."

Does this sound familiar? It should, because this kind of operation is what's been discussed for years and which briefly took shape in the Global Engagement Center (GEC), established in the final year of the Obama administration and located in the Department of State, to counter foreign state and non-state propaganda and disinformation efforts.

GEC, for those not familiar, ran into a buzz saw of criticism from congressional Republicans who alleged it had taken part in suppressing conservative media outlets and viewpoints, and funding a UK-based nonprofit that labeled some conservative

media as high-risk for spreading disinformation.

So, it's likely that the disappearance of the GEC contributed to the accelerated formation of the U.S. Army operations discussed earlier. For those interested in taking a look, the GEC web page is still viewable online but now archived (see: <https://2021-2025.state.gov/about-us-global-engagement-center-2/>).

Also see the report in 2024 by RAND (see: file:///C:/Users/darob/Downloads/RAND_RA2205-1.pdf) which constitutes a blueprint for the counter-disinformation operations being stood up under the Department of War, which includes this excerpt: "A core objective should be to enhance partner nations' ability to execute successful information operations independently. Equipping these forces with the knowledge, strategies, and tools to operate effectively within the information environment will not only counteract disinformation but will also foster global literacy about malign information operations. A critical consideration for the United States, in increasing its involvement, is to carefully

balance the provision of accurate information to counter foreign disinformation campaigns against the risk of inadvertently supporting narratives that might be construed as propaganda, potentially aggravating the situation."

Most of the reporting about the stand up of these new U.S. counter-disinformation operations has been available in The Washington Times by Bill Gertz (see: <https://shorturl.at/h1l03>) so anyone who wants to read more on this should seek out that content there. Another good source of information about the rapidly-emerging counter-disinformation efforts can be found at the Irregular Warfare Initiative (see: <https://irregularwarfare.org/about-iwi/>)

By the way, the U.S. Indo-Pacific Command (INDOPACOM) was previously involved directly with USAGM in standing up a most interesting separate media outlet that operated for many years under Radio Free Asia. That arrangement, which has not yet been written about by any media outlet, raised some interesting questions, and I'll have more on this in an upcoming column.

Listener's Notebook

Richard A. D'Angelo ♦ 13210 Petrel St. #3407 ♦ Clarksburg, MD 20871 ♦ rdangelo3@aol.com

Times are UTC and frequencies in kHz.

ALASKA 7370, KNLS, Anchor Pt., *0800-0811, 23-11, IS, Chinese px. Poor. (Manuel Méndez-Spain/DX Fanzine)

ARMENIA Bible Voice Broadcasting B25 schedule from Erevan Noratus Gavar site. Please send your reports to mail@bvbroadcasting.org. or mail to BVB, P.

O. Box 95561, Newmarket, ON L3Y 8J8, Canada:

7520 at 1800-1830 Russian Sunday

7520 at 1830-1900 Udmurt Sunday (B-25 BVB schedule via Jean-Michel Aubier-France/TopNews)

ASCENSION ISLANDS BBC English Bay Relay for B25 in English (Sorted by Time):

7285 at 0500-0600 Daily

9410 at 0500-0700 Daily

11810 at 0600-0700 Daily
17780 at 1700-1800 Mon.-Fri.
17780 at 1730-1830 Sun.
15400 at 1800-1900 Mon.-Fri.
15420 at 1800-1900 Mon.-Fri. (Indian DX International)

11660, Follow the Bible Ministries via English Bay, N/D e-QSL in 6 days. V/S: David Hoff. Reception report sent to: followthebibleministries@yahoo.com. (Hallvard Gjerde-Norway via Facebook Group "QSL"/DX Fanzine)

21630, BBC World Service, via English Bay in Hausa, Nov 14, 1410-1421. It was understood that this was a studio debate conducted by several people, 'BBC'. S=9. (Rudolf Grimm-Brazil via wwdxc BC-DX TopNews Nov 18)

AUSTRALIA TWR Asia – Kununurra English on Shortwave:

11965 at 1030-1046 Mon-Fri
11965 at 1030-1100 Sun
15460 at 1130-1200 Mon-Fri (The Spectrum Monitor/Bits & Bytes/Nov 2025)

B25 schedule for Reach Beyond Australia in English:

1045-1100 on 11905 Tuesday-Thursday (Spotlight)
1030-1045 on 11965 Daily
1045-1100 on 11965 Sunday
1230-1300 on 15440 Sunday
1245-1300 on 11875 Monday, Wednesday-Friday (Back to the Bible)
1330-1400 on 15440 Saturday/Sunday (Sunday: Wavescan)
1330-1345 on 11875 Daily (Fresh – Hindi/English)
1345-1400 on 11875 Daily
2230-2300 on 17650 Sunday (Wavescan) (schedule via Alokesh Gupta/British DX Club)

2355, Nov 20, 1850, 4TRP, Christopher O'Reilly's low powered station, 1850 to after 2010+, heard via Kiwi SDR remote at

Townsville, Queensland; nice selection of various music types: easy-listening contemporary instrumental mx, a few jazz sounding selections and of course pop songs. Today I noticed a brief spot for "C-Quam stereo"; heavy summertime QRN (static), at 2005, I was listening to The Alan Parsons Project and 10cc. Signal seemed much stronger than usual (better propagation?). (Ron Howard-CA/Shortwave Bulletin)

4835, Nov 21, 0505, "VL8K, domestic Shortwave Australia," heard via Kiwi SDR remote at Talee, So. Australia; Dave Stuart's low powered station playing classical orchestra music; along with the usual heavy summertime QRN (static); at 0509, with ID. (Ron Howard-CA/Shortwave Bulletin)

5045, Nov 21, 0442, Bay Islands Radio, broadcasting from Russell Island, Queensland, heard via Kiwi SDR remote at Logan, Queensland; non-stop pop songs; heavy summertime QRN (static). Later: 0825-0850: pop songs and IDs. (Ron Howard-CA/Shortwave Bulletin)

11965, TWR-Kununurra pxing, replacing closed Guam facility, IN 1020 t/in, into EE after I.S and ID 1030. Very large signal, 4/11. (Seager-Australia/ARDXC)

15460, Reach Beyond Australia, F/D e-QSL in 4 days. E-mail: radio@reachbeyond.org.au. (Juan Carlos Pe rez Montero-Spain via Facebook Group "QSL"/DX Fanzine) 15460, e-QSL 'Reach Beyond Australia'. Email: hcjbjapan.office2@gmail.com. (Anatoly Klepov-Russia, RUSdx #1367 via wwdxc BC-DX TopNews)

BELARUS 3940, Music Wave Radio, 1905-2105, 22-11, Russian, comments, Russian songs, pop songs in English, id. in English at 2023 "Music Wave Radio". 35433. (Manuel Méndez-Spain/DX Fanzine)

BOLIVIA 3310, Radio Mosoj Chaski, Cotapachi, 0146-0155, 23-11, Quechua, comments. 15421. (Manuel Méndez-Spain/DX Fanzine)

BRAZIL 6010, Radio Inconfidencia, Belo Horizonte, 2051-2115, 22-11, soccer, liver matches. // 15189.8. 15422. (Manuel Méndez-Spain/DX Fanzine) 6010, Radio Inconfidencia noted here from around 0630. Fair level but mixed with La Voz de tu Conciencia most nights. Don't know if Inconfidencia is full time on this freq. I have heard La Voz de tu Conciencia as sole signal also. (John Durham-New Zealand/New Zealand DX Times)

6180, Radio Nacional da Amazonia, Brasilia, 2025-2049, 22-11, Brazilian songs, Portuguese, comments, id. "Radio Nacional". // 11780. 35433. (Manuel Méndez-Spain/DX Fanzine)

9818.5, Radio 9 de Julho, Sao Paulo, 1915-2044, 08-11, relig. songs, Portuguese talks, ID "Radio 9 de Julho...". 25422. Also heard 0546-0634, 09-11, relig. songs and talks, 25422. (Manuel Méndez-Spain/DX Fanzine)

11780, Radio Nacional da Amazonia, Brasilia, 2016-2117, 22-11, Portuguese, comments, id. "Nacional", Brazilian songs. 35433. (Manuel Méndez-Spain/DX Fanzine)

15189.8, Radio Inconfidencia, Belo Horizonte, 2013-2116, 22-11, Portuguese, soccer, liver matches. 25422. (Manuel Méndez-Spain/DX Fanzine)

CANADA 3330, CHU Time signal station, reception report verified with full data QSL card received after 3 weeks. Email: radio.chu@nrc-cnrc.gc.ca. (Pradip Chandar Kundu-India/Asian DX Review)

6070, CFRX Shortwave, scann copy of f/d QSL card rec'd by email from Steve Canney, QSL Manager confirming my report in 5 days.

Email: cfrbcfrxreport@gmail.com. (Pradip Chandar Kundu-India/Asian DX Review)

CHINA A reminder that Xinjiang PBS (China) usually resumes use of its winter frequencies in the 75 and 60 metre bands in mid-November i.e. Chinese on 3950, 5060; Uighur on 3990 4980; Mongolian on 4500 and Kazakh on 4850. (Alan Pennington-British DX Club)

7205, China Radio International via Xian - in Mongolian to Central Asia, November 3, 2315-2322. Music in typical style, comment by OM. S9. (Rudolf Grimm-Brazil/Hard Core DX)

7210, PBS Yunan Minority via Kunming - in Lahu, Nov 3, 2325-2332, typical music, talk by OM and YL. S9. (Rudolf Grimm-Brazil/Hard Core DX)

7225, Sichuan Ethnic Radio via Chengdu - in Tibetan (?), Nov 4, 0002-0008, Tibetan style music, talk by OM and YL. S7. (Rudolf Grimm-Brazil/Hard Core DX)

7315, CNR2 China Business Radio via Xianyang - in Chinese, November 4, 0011-0016. Comment by YL and OM, music. S7. (Rudolf Grimm-Brazil/Hard Core DX)

7335, CNR2 China Business Radio via Baoji - in Chinese, November 4, 0017-0022. Talk by OM and YL. S4. (Rudolf Grimm-Brazil/Hard Core DX)

7300, Nov 2, 2346-2358, China Radio International, Urumqi, in Mandarin, target to Europe. Two men announcers talking nx, 2354 Woman talking; 2255 song. Good reception. (Jota Xavier-Brazil/Hard Core DX)

9745, Nov 2, 2013-2027, China Radio International, Kashgar, in Esperanto, woman annr talk; ID; Esperanto mx; 2025-man ID and B25 Esperanto sked; 2026 IS; 2027

Ending program. 45554. (Jota Xavier-Brazil/Hard Core DX)

CHINA (Tibet) 4820, Xizang RTV, 1706-1725, 01-11, Mx, Chinese talk. (Manuel Méndez-Spain/DX Fanzine)

4905, Xizang RTV, Lhasa, 1644-1655, 22-11, English talk, songs. 25422. (Manuel Méndez-Spain/DX Fanzine)

4920, Xizang RTV, Lhasa, 1644-1659, 08-11, English, comments, Tibetan songs. // 4905, 7385. 15422. (Manuel Méndez-Spain/DX Fanzine)

6200, Xizang RTV, Lhasa, 2103-2118, 22-11, Tibetan talk and songs. 15422. (Manuel Méndez-Spain/DX Fanzine)

7385, PBS Xizang, Lhasa - in Tibetan, Nov 4, 0022-0028, talk by YL. S5. (Rudolf Grimm-Brazil/Hard Core DX)

CLANDESTINE 9490, Radio 'Radio Republica' anti-Cuban communist party and government radio studio outlet from Miami, ID many times noted as "La Voz Democrático Cubano ..." bcast via TDF Issoudun bcast center, scheduled 0100-0200. (wb df5sx, wwdxc BC-DX TopNews Nov 2 / 3)

11515, Dengê Gel via Yerevan, Armenia, Oct. 10 at 1550-1600* in Kurdish. SI0353. Talk & local song. (Hayashi-Japan/Japan Shortwave Club)

15425, Oromia National Media via Romania. Sep. 12 at *1500-1529* in Oromo. SI0252. Talk & local song. (Hayashi-Japan/Japan Shortwave Club)

17510, Mizzima Radio via Dhabbaya, UAE, Sep. 28 at *1230-1300* in Burmese. SI0252. Opening music & ID at 1230, followed by talk & interview. (Nagatani-Japan/Japan Shortwave Club)

COLOMBIA 5910/6010, LV de tu Conciencia, is testing broadcasts following recent transmitter repairs & antenna system adjustments. The tentative schedule is 2200 to 1000. They have a nice eQSL, that I received back in April 2023. (Ron Howard-CA/Shortwave Bulletin) October DX-wise with shortwave highlights including Colombia's Alcaraván Radio reactivated on 5910. (Bryan Clark/New Zealand DX Times) La Voz de tu Conciencia reactivated on 6010. Sister station on 5910 is also active so there are currently two SW stations in Colombia. (British DX Club)

6010, La Voz de tu Conciencia, Puerto Lleras, 0532-0616, 23-11, Colombian music and songs, male, female, religious comments. QRM from Radio Inconfidencia. 13421. (Manuel Méndez-Spain/DX Fanzine)

CONGO (Rep) 250 Days and Counting, Radio Kahuzi Remains Steadfast, Broadcasting Daily to a city of 1.3 million. We have been in lockdown since February 25 when M23 seized control of our gov't buildings in Bukavu as Congolese officials fled for their lives, but Radio Kahuzi Staff have remained faithful reaching out to the frightened population with a message of God's Love, Peace and Reconciliation. (Radio Kahuzi Newsletter)

CUBA 4765, Radio Progreso, Bauta, 0537-0704, 09-11, Cuban songs, Spanish talk, ID "Radio Progreso", at 0600 "Es la una de la madrugada en Radio Progreso", more songs. 25422. (Manuel Méndez-Spain/DX Fanzine)

DENMARK Stig Hartvig Nielsen informs: World Music Radio on 3965 (0.6 kW) from 29 Oct, 24/7 hrs/day. (via Mauno Ritola on WRTH FB, 29 Oct/TopNews) Yes, finally after several months' delay - 3965 is now on the air. The transmitter site is exactly the same as the site formerly used for 927: Hvidovre, Copenhagen. Which also means that audio processing is rather good. My next project is

to improve the audio at 15700. I wish I also had an Orban Optimod AM for this frequency, because 15700 provides rather good reception in Central and South Europe as well as North Africa. Please note that 15700 now is daytime only 0800-1600 (due to electricity costs). Anyone selling a good old Orban Optimod AM – please write me at wmr@wmr.dk. (Stig Hartvig Nielsen-Denmark via WRTH FB/ TopNews) It is well heard here in Caversham late evening - stronger than parallel 5930 when heard at 2300 on 29th October. Good to hear about the new station on 90-metre band! (Alan Pennington-UK/British DX Club)

ENGLAND BBC Woofferton Relay for B25 in English (Sorted by Time):

3955 at 0559-0700 Daily

17575 at 1458-1600 Daily

21630 at 1500-1700 Sat.

17780 at 1630-1730 Sun.

15420 at 1700-1800 Mon.-Fri. (Indian DX International)

ESWATINI 13800, TWR Africa, Manzini to Sudan, Arabic, Nov 7, at 1804-1818, music, song and talk by OM. (Rudolf Grimm-Brazil via wwdxc BC-DX TopNews Nov 11)

FINLAND 6120, Radio Blacksmith Knoll, Pori, 0611-0711, 23-11, pop songs and comments in English. 15422. (Manuel Méndez-Spain/DX Fanzine)

6195, RealMix Radio, Raasepori, 1604-1749, 22-11, oldies songs in English, English talk, some comments in Finish, ID "...in de forty-nine meter band, this is RealMix Radio". 15422. (Manuel Méndez-Spain/DX Fanzine)

11690, Scandinavian Weekend Radio, F/D e-QLS in 2 days. E-Mail: info@swradio.net VS: Tapani Ha kkinen. (Harald Suss via Facebook Group "QSL Chasers"/DX Fanzine)

FRANCE Mini Transat La Boulangère. The second leg, the Canary Islands to

Guadeloupe, will begin on 25 October. From that moment on, weather reports in French and English should be broadcast at 1500 on 21660, from Issoudun. (Christian Ghibaudo-France/British DX Club)

9690, Pan American Broadcasting via Issoudun, F/D e-QLS in 1 day. Report sent to: info@panambc.com. (Hallvard Gjerde-Norway via Facebook Group "QSL"/DX Fanzine)

GERMANY NDR are advertising the annual NDR Christmas Eve special Gruß an Bord (Greetings on Board) with requests for Christmas wishes for the programme, along with details of how to attend the two-hour recording on December 14, to be broadcast at 1900. No shortwave information has been given, but hopefully the programme will be preceded as last year by a one-hour maritime programme. The current HFCC lists broadcasts on December 24 from 1800-2100 as follows: 6030 via Issoudun (250kW), 6080 via Tashkent (100 kW), 9635 via Nauen (250kW), 11650 via Issoudun (250kW), 13830 via Nauen (250kW), 15770 via Okeechobee (100kW). The above frequencies are all labelled "A. xmas". There are also some transmissions labelled "B. xmas" transmissions for the period 2100-2300: 6145 via Nauen (125 kW), 6155 via Erevan (100 kW), 9590 via Issoudun (250 kW), 9740 via Nauen (125 kW), and 9830 via Issoudun (250 kW). (Alan Roe-UK)

Deutsche Welle [Google translation from German] Shortwave radio cannot be blocked, but the internet certainly can. In some countries, using the internet means losing more freedom than one would like. This also applies to email – where a great deal ends up in the spam folder before anyone even has a chance to look at it. Where you can get all kinds of information, you are then bombarded with tons of information, some of it fake – that's the other side of the coin. In any case, shortwave radio can be listened to

anonymously and (almost) without targeted interference. We must never forget that! DW should know this too, but like the ORF (Austrian Broadcasting Corporation), DW has no interest in doing so. (Harald Süss via A-DX/Shortwave Bulletin)

Bible Voice Broadcasting B25 schedule from MBR Nauen. Please send your reports to mail@bvbroadcasting.org. or mail to BVB, P. O. Box 95561, Newmarket, ON L3Y 8J8, Canada:

6150 at 1830-1900 Spanish Sunday
7295 at 1800-1830 Farsi Sunday
7295 at 1800-1830 Farsi Monday
7295 at 1800-1830 Farsi Tuesday
9440 at 0600-0615 Arabic Sunday
9440 at 0600-0615 Arabic Monday
9440 at 0600-0615 Arabic Tuesday
9440 at 0600-0615 Arabic Wednesday
9440 at 0600-0615 Arabic Thursday
9440 at 0600-0615 Arabic Friday
9440 at 0600-0615 Arabic Saturday
9450 at 0500-0515 Arabic Friday
15310 at 1600-1630 Oromo Sunday
15310 at 1630-1700 Somali Sunday
15310 at 1700-1730 Tigringa Sunday
15310 at 1600-1630 Oromo Monday
15310 at 1600-1630 Oromo Tuesday
15310 at 1700-1730 Amharic Tuesday
15310 at 1700-1730 Amharic Wednesday
15310 at 1600-1630 Tigrinya Thursday
15310 at 1700-1730 Amharic Thursday
15310 at 1600-1630 Tigrinya Friday
15310 at 1630-1700 Somali Saturday
15310 at 1700-1730 Tigringa Saturday
15310 at 1730-1800 Kunama Saturday
17550 at 1430-1500 Nuer Sunday
17550 at 1430-1500 Nuer Monday
17550 at 1430-1500 Nuer Tuesday
17550 at 1430-1500 Nuer Wednesday
17550 at 1430-1500 Nuer Thursday
17550 at 1430-1500 Nuer Friday
17550 at 1430-1500 Nuer Saturday
17650 at 1430-1500 English Sunday (B-25
BVB schedule via Jean-Michel Aubier-
France/TopNews)

“Shortwaveservice will cease broadcasting at the end of the year (largely)” according to an announcement by the founder of the shortwave transmission site at Kall-Krekel, Christian Milling, in the A-DX mailing list. It has been in operation since 25th November 2007. Broadcasts on 6005 and 3985 will end on 31st December. 3985 has in recent years been mainly used for relays of Radio Slovakia International. (Alan Pennington-UK/British DX Club)

6070, Atlantic 2000 International, via Rohrbach Waal, 6070 kHz: e-QSL in 4 days. Report in French sent to: atlantic2000international(at)gmail.com (Chrstian Ghibaudo, Nice, FRANCE)

6095, SM Radio Dessau via Nauen, F/D e-QSL in 1 day. E-mail: maxberger@smradio-dessau.de. (Juan Carlos Perez Montero-Spain via Facebook Group “QSL Chasers”/DX Fanzine)

GUAM After nearly 50 years of serving the Gospel in the Asia-Pacific region, TransWorld Radio closed its station KTWR on the island of Guam on 25 October. The final broadcast were in AM at 1500 on 9900 in Korean; DRM at 1600 on 15390 in Tamil. asiafeedback@twr.org. (Christian Ghibaudo-France) All KTWR services have transferred to other relay stations. (British DX Club)

INDIA Akashvani: External Services (Time wise) (Earlier known as All India Radio) for B25 effective 26 October 2025. Note: A 15-minute program in English called “Spotlight” is broadcast in the various services:
0100-0130 on 9860(B) Sindhi
0100-0230 on 11710(D) Tibetan ex. 11735(D)
0130-0230 on 15260(B) Indonesian
0145-0230 on 15410(B) Nepali
0230-0245 on 15410(B) Hindi
0245-0300 on 15410(B) English
0300-0315 on 15410(B) Nepali
0300-0430 on 11805(D) Baluchi
0315-0415 on 15410(B) Burmese

0400-0530 on 15280(B) Farsi
0430-0600 on 9795(D) Dari
0430-0600 on 15185(B) Pashtu
0530-0630 on 15280(B) Arabic
0900-1030 on 11865(D) 15410(B) Nepali
1030-1200 on 15410(B) Chinese
1045-1215 on 11865(D) Tibetan ex. 9860(D)
1215-1315 on 15410(B) Swahili
1230-1330 on 9870(D) Baluchi ex. 9860(D)
1230-1400 on 11810(B) Pashtu
1330-1500 on 9870(D) Dari ex. 9860(B)
1600-1730 on 11900(B) Farsi ex. 9620(B)
1730-1930 on 11900(B) Arabic ex. 9620(B)
1930-2030 on 11900(B) French ex. 9620(B)
2345-0115 on 15280(B) Chinese

Note:

* Home Service and other languages may be heard briefly for a few minutes prior to the start / end of some of the scheduled External Services languages.

* Jamming noted on Tibetan & Chinese Service frequencies.

Transmitter Sites used for External Services:

B = Bengaluru 9860 11810 11900 15185
15260 15280 15410

D = New Delhi 9795 9870 11710 11805 11865
Reception Reports to: spectrum-manager@prasarbharati.gov.in. (Jose Jacob-India/DX India)

9620, Akashvani, F/D QSL Card in 50 days. E-mail: spectrum-manager@prasarbharati.gov.in. (Mario Pena Pascual-Spain/DX Fanzine)

11900, Nov 6, 1941-1952, Akashvani/All India Radio, Bengaluru, in French. Woman annr talking; 1942 a mx px; 1950-man annr w/ ID: All India Radio; news, fair reception. (Jota Xavier-Brazil/Hard Core DX) 11900, Akashvani was hrd w/ English nx from 1930-1940 on 7 Nov. This was followed by a Hindi annt and some Indian devotional mx at 1941, transmission cut to the scheduled French transmission. Probably a feed error. (Alan Roe-UK)

15260, All India Radio Akashvani, QSL I received from AIR for a broadcast. AIR are good verifiers. Email is: spectrum-manager@prasarbharati.gov.in. (Stu Forsyth-New Zealand/New Zealand DX Times)

15410, Nov 7, at 0145-0158, Akashvani / All India Radio, Bengaluru, in Nepali lasnguage to Nepal. Woman annr talk and a mx; 0156 Man announcer talking. Fair reception. (Jose Ronaldo Xavier-Brazil, Hard Core DX)

INDONESIA There has been speculation about the transmitter locations of new 7205 Pro 3 RRI and 9690 Voice of Indonesia. The Facebook group Pendengar Setia AM/MW & SW di Indonesia says it has the answers. This is a translated compilation of their investigations. 7205: The transmitter is located at Kebayoran Baru, South Jakarta. 9690: This transmitter is located at Cimanggis, Depok, West Java. (Australian DX News)

4755, VO Indonesia, F/D E-QSL in 36 days. E-mail: voilisteners@gmail.com. (Juan Carlos Perez Montero-Spain via Facebook Group "QSL"/DX Fanzine) 4755, Nov 5, 1001, Voice of Indonesia, heard via Kiwi SDR remote at Bogor; extended nx w/ story about Bahasa Indonesia language becoming UNESCO's 10th official language, nx ended at 1040, w/ the patriotic song. (Ron Howard-CA/Shortwave Bulletin) 4755, Voice of Indonesia, Jakarta, 1935-2016, 22-11, German talk, Indonesian songs, 2000 French program. 155421. (Manuel Méndez-Spain/DX Fanzine)

7205, RRI Pro 3 (Pro Tiga), 2258+, Nov 14, heard via Kiwi SDR remote at Bandung; good signal strength with light QRM and the audio was significantly garbled; NA, theme music of Rayuan Pulau Kelapa - Song of the Coconut Islands; time pips; into the news in Bahasa Indonesia; ended news at 2321 with very short portion of the patriotic song "Bagimu Negeri", not the usual full version. (Ron Howard-CA)

7289.93, RRI Nabire Pro 1 (Pro Satu), 0835 till suddenly off at 0916*, Nov 14; unusual to have only non-stop EZL songs w/out any annrs today; at 0847, call-to-prayer from 0854 to 0858; fortunately, this segment usually has the best reception at Nabire sunset, today heard at the beach. Hopefully this DX season this station can be heard well East of my location here in the States! (Ron Howard-CA)

ITALY B25 schedule for Nexus - IRRS Shortwave:
2000-2100 on 7290 Daily English
0900-1000 on 9510 Sat English
1030-1300 on 9510 Sun English
1700-1730 on 15425 Mon-Sat Oromo (IRRS/British DX Club) Romania these days? (RAD)

JAPAN NHK World Radio B25:
0000-0020 13705 Indonesian
0030-0050 13705 Burmese
0330-0450 17560 Russian
0330-0450 6165 Russian (nau)
0500-0528 (M-F) 11735 English (iss)
0500-0520 7450 9440 French (iss)
0500-0530 (Sa/Su) 11735 English (iss)
0510-0530 11830 Korean
0540-0600 7375 Russian
0600-0620 15170 Arabic (iss)
0610-0630 11830 Chinese
0630-0650 11830 Korean
1000-1020 11825 Chinese
1100-1120 6190 Korean
1120-1140 6190 Chinese
1140-1200 6190 Korean
1200-1220 6190 Chinese
1240-1300 Chinese 6190
1300-1320 6190 Korean
1320-1340 6190 Chinese
1340-1350 6190 Korean
1400-1420 9750 Chinese
1420-1440 9750 Korean
1400-1428 (M-F) 11815 English
1400-1430 (Sa/Su) 11815 English
1430-1450 11815 Burmese

1430-1450 13725 Persian (iss)
1440-1450 9750 Chinese
1510-1530 9765 Korean
1530-1550 9765 Chinese
1530-1550 11610 Hindi
1600-1620 9440 Urdu
2030-2050 9855 French (iss)
2310-2330 13705 Thai
2330-2350 (M-F) 13705 Vietnamese
2330-2351 (Sa/Su) 13705 Vietnamese
Relays: iss – Issoudun, France; nau – Nauen, Germany. (NHK World RadioARDXC)

KYRGYZSTAN The Kyrgyz transmitter on 5130 which is usually on the air in the afternoons from 1500-1800 (from 1st-15th of each month) was observed on 30 October from tune-in at 0012 on 5130.15. The web site was announced at 0031 as www.afghanradio.org. So, it was the Pamir Ministries station from Kyrgyzstan which carries Christian programming to Afghanistan and is known by its Persian name as Sadaye Zindage (Sound of Life). It was still on when rechecked at 0104 – approaching sunset in Afghanistan. Tony Rogers adds that Sedaye Zindage has had a morning broadcast at 0000-0200 in the past, but it had not been confirmed recently. (Alan Pennington-UK/ Tony Rogers-UK/British DX Club)

LIBERIA 6050, ELWA Radio, Monrovia, 2105-2114, 22-11, English, relig talk. Also heard *0556-0622, 23-11, English, ID “...Good morning, ELWA Radio...”, relig talk and songs. 25422. (Manuel Méndez-Spain/DX Fanzine)

LUXEMBOURG 6140, Radio Gloria, Switzerland, via Radio Onda, Junglinster, 0721-0744, 23-11, German, religious comments and songs, ID “Radio Gloria”. 35433. (Manuel Méndez-Spain/DX Fanzine)

MADAGASCAR BBC Relay for B25 in English (Sorted by Time):
15490 at 0600-0700 Daily

21565 at 1200-1400 Daily (Indian DX International)

TWR Asia – Talata-Volonondry English on Shortwave:

17700 at 1415-1430 Fri

17700 at 1430-1445 Mon-Wed

17700 at 1445-1446 Mon-Fri (The Spectrum Monitor/Bits & Bytes/Nov 2025)

6065, Nov 5, 0308-0322, AWR Africa, Talata Volonondry, in Malagasy, man preaching, 0318 a hymn by a couple of singers; 0320 Woman talking, ID and more, till 0322. Poor reception: 35432. (Jota Xavier-Brazil/Hard Core DX)

MEXICO 6185, Radio Educación, Ciudad de México, 0602-0648, 09-11, LA songs, Spanish, comments. 14422. (Manuel Méndez-Spain/DX Fanzine)

MONGOLIA 12085, Voice of Mongolia, Ulaanbaatar, *0900-0913, 02-11, IS, ID female, "Welcome to the Voice of Mongolia in English", news, Mongolian songs. (Manuel Méndez-Spain/DX Fanzine) 12085, VoM, F/D e-QSL in 13 hours. E-mail: mnv_vom@yahoo.com. (Juan Carlos Perez Montero-Spain via FB Group "QSL"/DX Fanzine)

MYANMAR 5985, Myanmar Radio, 1530-1630*, Nov 16, heard via Kiwi SDR remote at Udon Thani, Thailand; in English with intro and news/weather 1557, "Today's song requests" program. Back again, at *1600, with the start of CRI in Swahili QRM; formerly CRI started here about *1558. Myanmar off after NA at 1630*. It had been great to recently enjoy QRM-free reception! (Ron Howard-CA)

NETHERLANDS 5955, Radio Veronica, Westdorpe, 0714-0738, 23-11, pop songs in English, Dutch, comments. 25422. (Manuel Méndez-Spain/DX Fanzine)

5970, Radio Delta International, Elburg, 1538-1549, 22-11, English, ID "Radio Delta...", comments, pop songs. 0813-0835, 23-11, Dutch songs, music, songs in English, ID "Radio Delta". (Manuel Méndez-Spain/DX Fanzine)

7700.1, FRS Holland, 1013-1025, 02-11, English, pop songs, oldies, comments, id. "FRS Holland". // 7405, 9300.7. 35433. (Manuel Méndez-Spain/DX Fanzine)

NEW ZEALAND B25 schedule for RNZ Pacific:
0559-0958 13755 Daily
0959-1258 13755
1259-1650 7390 Mon-Fri Daily
1651-1858 9700 AM Daily 9780 DRM Sun - Fri
1859-2058 15720 AM Daily 13840 DRM Sun - Fri
2100-0558 17675 Daily (RNZ web site/British DX Club)

NIGERIA Nigeria's Minister of Information and National Orientation has recently initiated the contract to restore the Voice of Nigeria (VON) SW transmission using the powerful 250 kW TX2 transmitter at the Lugbe station in Abuja. In the past digital DRM broadcasts from a state-of-the-art broadcast centre near Abuja could be received in Europe and USA. During the official August event initiating the modernisation contract the VON's director-general, emphasised that this project will establish the organisation as a leading voice in African broadcasting. The project contractor stressed that the advantage of shortwave technology is its extensive coverage. (Mike Terry/DRMNA)

NORWAY 5895, Radio Northern Star, Bergen, 1707-1737, 22-11, pop songs, English, comments. 15422. Also heard 0702-0755, 23-11, English, comments, pop songs in English. 15422. (Manuel Méndez-Spain/DX Fanzine)

OMAN BBC A'Seela Relay for B25 in English (Sorted by Time):

6155 at 0000-0100 Daily
7410 at 0100-0200 Daily
15295 at 1200-1300 Daily
12080 at 1200-1400 Daily
13825 at 1300-1400 Daily
12095 at 1500-1530 Mon-Fri
12095 at 1500-1700 Sat.
12095 at 1530-1700 Mon.-Fri.
12095 at 1630-1830 Sun.
11645 at 2200-0000 Daily (Indian DX International)

11645, BBC World Service, via ENC Al'Seela bcast center to Southeast Asia, English, Nov 11, 2244-2249. Talk and comments by OM / YL. S=9. (Rudolf Grimm-Brazil via wwdxc BC-DX TopNews Nov 18)

11830, BBC via A'Seela, F/D e-QSL in 18 days, schedule and technical info. E-Mail: opsaseela@encompass.com; v/s Mr. Mazin Al Jaafari - Transmitter Engineer. (Eckhard Roscher-Germany/DX Fanzine)

12095, Nov 7, 1900-1910, BBC, A'Seela, in Oromo. Music; Man announcer talking; Fair reception w/ some modulation interruptions: 35533. (Jota Xavier-Brazil/Hard Core DX)

17810, BBC, via A'Seela, F/D e-QSL in 4 days. Report to opsaseela@encompass.com. (Jurgen Waga-Germany/DX Fanzine)

PALAU 9965, Hope Radio via Palau. Oct. 7 at 0915-0948* in Japanese. SI0454. "The Faith Adventure", followed by "Anchored with Mike Robinson" at 0929. ID in English at 0943, then Gospel song. (Nagatani-Japan/Japan Shortwave Club)

PERU 4775, Radio Tarma, 0145-0157, 23-11, Spanish talks, OA mx. 15421. (Manuel Méndez-Spain/DX Fanzine)

4820, Nov 13, -0254*, Radio Senda Cristiana (The Christian Way Radio), via Kiwi SDR remote at Lima; closing ID and choral NA.

The station is operated by the Cotahuasi Ministry Center Project (Cotahuasi, Arequipa, Peru).

PHILIPPINES Radyo Pilipinas World Service (RPWS), the Philippine government's international radio platform, is relaunching its shortwave broadcasts, marking a major step in reconnecting with Filipinos across the globe. The U.S. Agency for Global Media (USAGM), in a memorandum dated Nov. 20, formally approved the reinstatement of RPWS's shortwave operations. "The USAGM Headquarters in Washington, D.C. has confirmed its approval to resume broadcast operations of the Radyo Pilipinas World Service shortwave broadcast using the facilities of the Philippines Transmitting Station in Tinang, Tarlac," the memorandum read. "The authorized start date for resumption is December 1, 2025," it added. "The re-establishment of this crucial platform is seen as a commitment to maintaining a vital information link for Filipinos across the globe," he said. The return also signals a positive turnaround in international partnerships, particularly after a period early this year when several agreements, including those involving Voice of America, were terminated. With shortwave and online streaming, Sanga said the RPWS will reach audiences across Southeast Asia, the Middle East, the United States, Europe, and Northern Africa. (Marita Moaje of the Philippine News Agency via Rich Cuff-PA)

TWR Asia – Bocaue English on Shortwave:
12120 at 0030-0100 Mon-Fri (The Spectrum Monitor/Bits & Bytes/Nov 2025)

9405, Nov 12, 2253-2305, FEBC Philippines - Radio Liangyou 3, Bocaue, in Mandarin, man preaching, two relig hymns by woman singer; 2300 man/woman annrs talking. Fair reception: 35433. (Jota Xavier-Brazil/Hard Core DX)

12095, Nov 12, 2242-2252, FEBC Philippines, Bocaue, in Hmong White language. Man Pastor preaches during all log and beyond. Good reception: 45544. (Jota Xavier-Brazil/Hard Core DX)

15435, Nov 3, 2025. 0018-0030, FEBC Philippines, Bocaue, in Shan language, man talking, preaching; 0026 Preaching in progress; 0027 Religious song; 0029 Man talking. 25422. (Jota Xavier-Brazil/Hard Core DX)

ROMANIA Radio Romania International English programs B25:

0000-0100 on 7325 (alt 9510)
0400-0500 on 7220 (alt 17790)
1200-1300 on 15460 (alt 17800)
1800-1900 on 9570 DRM (alt 9770 DRM)
2300-2400 on 7220 (6030 alt) 9620 (alt 7325) (Alan Roe-UK)

9510, Nov 3, 2025, 0003-0016, Radio Romania International, Galbeni, in Spanish, woman announcer talking news; 0006 A brief music space and starts RRI Listener Day, dedicated to listeners, presented by woman/man announcers; ID. Poor reception w/a rare fair moments: 25422. (Jota Xavier-Brazil/Hard Core DX)

SOLOMON ISLANDS 5020, SIBC, 1125+, Nov 13, monitoring via Kiwi SDR remote at Marahau #1, NZ; with rainy weather advisory. (Ron Howard-CA)

TAIWAN Radio Taiwan International English language programs B25:
1600-1659 on 9605 (Alan Roe-UK)

TAJIKISTAN TWR Asia – Orzu English on Shortwave:
9910 at 1130-1145 Sunday (The Spectrum Monitor/Bits & Bytes/Nov 2025)

TURKEY B25 schedule for Voice of Turkey in English:
0400-0500 on 6125 7285

1330-1430 on 13635
1730-1830 on 9660
1930-2030 on 6050
2130-2230 on 9610
2300-2400 on 5960 (British DX Club) Same as B24 (ed/BDXC)

9450, Voice of Turkiye, Emirler. Unscheduled appearance here 0550 with Turkish px, time pips on the hour and into news from 0600. // 11660. Maybe an NF ex scheduled 9650 which wasn't heard. 1/11. (Francis-Australia/ARDXC)

UNITED ARAB EMIRATES BBC Dhabayya Relay for B25 in English:

17690 at 0500-0600 Daily
17700 at 1500-1700 Sat. (Indian DX International)

Trans World Radio Africa SW Broadcasts - Dhabayya Relay B2025 26 October 2025 - 28 March 2026:

0330-0345 on 9655 Amharic Sunday/Monday
0330-0345 on 9655 Oromo Tuesday
0330-0345 on 9655 Sidama Thursday (Jose Jacob-India/DX India)

USA A wide array of broadcast, audio, video and computer equipment used by Radio Free Asia was to be auctioned by Dec. 1. Rasmus Auctions now says that at the request of the seller, the bidding has been halted until a future date. Rasmus Auctions is handling liquidation of four floors worth of gear at a Washington, D.C., radio and TV network location that is undergoing “a substantial operation reduction.” We must note here that Rasmus has declined to name its client; but we spotted the RFA logo in some of the photos, and a Fox News report confirmed it to be Radio Free Asia’s. The Washington Business Journal reported that the D.C. office building where RFA is a tenant was ordered into receivership. Radio engineers will recognize plenty of the equipment up for bids. In October, RFA announced it was pausing its work following budget cuts at the

U.S. Agency for Global Media, which oversees Voice of America, RFE/RL and RFA. (Nick Langan/Radio World)

2500, WWV, Fort Colorado reception report verified with full data QSL card received after 4 weeks with a sticker v/s Station Manager Matthew J. Deutch Email: www@nist.gov. (Pradip Chandar Kundu-India/Asian DX Review)

9455, VOSR via WRMI Okeechobee, FL, report verified with partial data eQSL via email rec'd from broadcaster Jeff Silver received in 2 days. Email: vosrint@yahoo.com. (Pradip Chandar Kundu-India/Asian DX Review)

UZBEKISTAN BBC Tashkent Relay for B25 in English:
6035 at 0000-0200 Daily (Indian DX International)

Bible Voice Broadcasting B25 schedule from RRTM Telecom Tashkent Shortwave Transmitting center. Please send your reports to mail@bvbroadcasting.org. or mail to BVB, P. O. Box 95561, Newmarket, ON L3Y 8J8, Canada:

9345 at 1300-1330 Korean Sunday
9345 at 1300-1330 English Monday
9345 at 1315-1330 Korean Friday
9345 at 1300-1330 Korean Saturday
15210 at 1230-1245 Bahasa Sunday
15285 at 1200-1230 English Saturday (B-25 BVB schedule via Jean-Michel Aubier-France/TopNews)

11590, TWR via Tashkent, F/D e-QSL in 11 days. (Antonello Napolitano-Italt/DX Fanzine)

VANUATU 5040, Radio Vanuatu, 1058-1105*, Nov 13, heard via Kiwi SDR remote at Marahau #1, NZ; major PSA about preparing for a cyclone, in Bislama; closing announcement; National Anthem. (Ron Howard-CA)

7260, Radio Vanuatu, Port Vila, 0639-0757*, 23-11, Bislama, English, male, female, comments, news, Island songs, pop songs in English. 15421. (Manuel Méndez-Spain/DX Fanzine)

VATICAN BBC Santa Maria di Galeria Relay for B25 in English (Sorted by Time):
17700 at 1630-1830 Sun. (Indian DX International)

B25 schedule for Vatican Radio in English:
0730-0800 on 15595-smg (news) Saturday
0800-1100 on 17540-smg (occasional special events) Irregular
1130-1200 on 15595-smg 17790-smg (Mass) Friday
1715-1730 on 11755-smg (news) Daily
1630-1700 on 13830-mdc 15565-smg Daily
2000-2030 on 9705-smg 11870-smg Daily (schedule/Dave Kenny-UK/British DX Club)

VENEZUELA 4940, Estación 4940, 0532-0618, 23-11, Spanish, religious comments and songs. 15422. (Manuel Méndez-Spain/DX Fanzine)

VIETNAM 11885, e-QSL Voice of Vietnam via Son Tay bcast center, e-mail golosvietnama@gmail.com in Russian language. (Anatoly Klepov-Russia, RUSdx #1367 via wwdxc BC-DX TopNews)

ZAMBIA Voice of Hope SW transmitters closed. Ray Robinson of Voice of Hope announced on WRMI's Wavescan DX programme that Voice of Hope Africa's shortwave transmitters are sadly now off the air and are unlikely to return. Voice of Hope continues online only for the time being, but this is likely to stop as well in a few weeks. The SW transmitters which carried Voice of Hope Africa programming were licensed to Radio Christian Vision whose parent organization in South Africa announced that it would not be renewing the Zambian SW licenses and gave two months' notice to close the station. A buyer is now being sought for

the two SW transmitters which had broadcast on 4965, 6065 and 9680. (British DX Club)

Schedules, news and other information about shortwave broadcasting activity can be

send to Richard A D'Angelo, 13210 Petrel Street #3407, Clarksburg, MD 20871 or via e-mail to rdangelo3@aol.com (please indicate in the subject that your contribution is for Listeners Notebook). Thanks! 73, Rich

Pirate Radio Report

Brian Penney ♦ 30 Acorn Way ♦ Brewster, MA 02631 ♦ swradio@comcast.net

Hello everyone and welcome to the year-end edition of the Pirate Radio Report. 2025 saw a surge in pirate radio activity on the HF bands with all your old favorites and a plethora of artist-themed stations leading the way. Reception conditions were generally agreeable for both early morning and evening transmissions. Programming continues to be dominated by music-playing operators with a few AI stations sprinkled in the mix which featured Art Bell, Dick Bulger, Alex Jones and a couple of very enjoyable, "Valley-Girl" adventures to name a few.

For an update of last month's active stations. Check out the never complete list:

Liquid Radio, Stern Radio, Radio Free Euphonia, Ronnie Hawkins Radio, Valley Girl Radio, Ballsmacker Radio, Radio Free Spirit, V-Sky Radio, Cloudsplitter Radio, VFO Radio, Mix Radio International, Radio Free Euphonia, Dance Music Radio, Ronnie Hawkins Radio, Boat Anchor Radio, BZT, Neighbors Having Coffee Radio, Band Aid Radio, Yardbirds Radio, 77LJS, Doctor Detroit, Yardbirds Radio, Wolverine Radio, Kandy Korn Radio, The Searchers Radio, Tommy James & The Shondells Radio, Pumpkin Patch Radio, Radio V051, Radio 48, Voice of KAOS, Bobby Darin Radio, National Pirate Railroad, WDOG, Brian Hyland Radio, Yeti Radio,

Halloween Radio, Hawaiian Numbers Station, Art Bell Rants Radio, Dion DiMucci Radio, Devil's Night From Hell, Sycko Radio, War Of The Worlds Radio, Radio Appalachia, KRST, Dick Bulger Radio, The Cosmonaut System, Pigs Knuckles, Radio Halloween, X-FM Shortwave, Chainsaw Radio, Two Dog Radio, The Grass Roots Radio, Euler Spy Numbers, KDOG, Radio Comedy Club International, Radio Illuminati, Doctor Detroit, Radio Comedy Club International, Boombox Radio, Good Evening Radio, Father Murgas Radio, Folk Rock Radio, Uncle Gary Reviews, Cloudsplitter Radio, Outhouse Radio, WDEF, B-Side Radio, Adult Radio, Neil Sedaka Radio, Chaka Kahn Radio, Oboe Radio, Radio 69, Pescadores Radio, Solar Power Radio, Three Dog Night Radio, Kahn Radio, Radio Tropica de la Resistencia, Solar Chicken Radio, The Guess Who Radio, Butt Plug Radio, Space Junk Radio, Ramen Noodle Radio, Edmund Fitzgerald Radio, Mickey and Sylvia Radio, Bobby Rydell Radio, WBLR, Wombats Radio, The Voice of Honor, Bobby Vinton Radio, Radio Solar Storm, Ricky Nelson Radio, Greensleeves Numbers Station, Looney Laura Loomer Live Radio, The Byrds Radio, Voice of the Autocracy, Bobby Vee Radio, Yeah Man Radio, Rachmaninoff Radio, The Bell System, Alt Rock Radio, Paul Anka Radio,

Elbows Up Radio, The Faint Radio, WTF Radio Worldwide, Bobby Curtola Radio, Blood, Sweat & Tears Radio, Ion Radio, Joy Division Radio, Hey Joe Radio, Chicago Radio, WJFK, The Poppy Family Radio, Radio Nowhere Man, D.B. Cooper Radio, JFK Shortwave, Chicago Radio, Truth Radio International and a special year-end shout-out to all those UNID stations out there.

Many thanks to all our contributors: Rick Barton, Ed Cichorek, Glenn Hauser, Greg Majewski, Bill Montney, Tony Pavick, David Ross, Gianni Serra and Mark Taylor.



"I don't wanna grow up, I'm a Pirate Radio Listener"

4032-USB, PIRATE-NA. **BALLSMACKER RADIO.** 0205-0221, 11-08-25. (Ross-ON)

4185-AM, PIRATE-NA. **BUTT PLUG RADIO.** 0204-0355*, 11-09-25. (Ross-ON)

4185-AM, PIRATE-NA. **SYCKO RADIO.** 0205-0313*, 11-11-25. (Ross-ON)

4875-AM, PIRATE-EU. **MYSTERY 21.** 0122-0140, 11-19-25. Good w/ loud audio to almost fair or poor (Serra-Cincinnati-Anzio-Italy)

5780-AM, PIRATE-EU. **HARMONY RADIO.** 1633-1654, 11-22-25. Good. (Serra-Cincinnati-Anzio-Italy)

5970-AM, PIRATE-NA. **RADIO TROPICA DE RESISTENCIA.** 0046-0132, 11-06-25. (Ross-ON)

6140-AM, PIRATE-EU. **RADIO AUGUSTA INTERNATIONAL via RADIO ONDA.** 1930-1959*, 11-12-25. Good/ very good. (Serra-Cincinnati-Anzio-Italy)

6280-AM, PIRATE-EU. **RADIO BATAVIA.** 1642-1707, 11-14-25. Almost fair. (Serra-Cincinnati-Anzio-Italy)

6300-AM, PIRATE-EU. **JOHNNY TOBACCO & BLACK BANDIT.** 1558-1628, 11-15-25.. (Serra-Cincinnati-Anzio-Italy)

6850-USB, PIRATE-NAS. **THE MONKEES RADIO.** 2310-0006, 10-13-25. Good signal. (Majewski-CT)

6850-USB, PIRATE-NA. **RONNIE HAWKINS RADIO.** 0107-0130, 10-24.25. (Montney-MI)

6850-USB, PIRATE-NA. **X-FM SHORTWAVE via MRI.** 2358, 10-31-25. Very good signal. (Taylor-PA)

6860-USB, PIRATE-NA. **CCR RADIO.** 0027, 10-21-25. (Montney-MI)

6860/6865-USB, PIRATE-NA. **BOB DYLAN RADIO.** 2316-0026, 10-21-25. (Ross-ON)

6860-USB, PIRATE-NA. **THE SEARCHERS RADIO.** *0000-0106*, 10-27-25. (Ross-ON)

6860/6865-USB, PIRATE-NA. **TOMMY JAMES AND THE SHODELLS RADIO.** *1116-1235*, 10-27-25. (Ross-ON)

6880-USB, PIRATE-NA. **DION DIMUCCI RADIO.** 0112, 10-31-25. Fair/Good/ (Taylor-PA)

6885-AM, PIRATE-NA. **PIRATE SPY LETTERS.** 2319-2321, 10-31-25. Good. (Taylor-PA)

6865/6860-USB, PIRATE-NA. **THREE DOG NIGHT RADIO.** 0107-0149fo, 11-05-25. (Ross-ON)

6915-USB, PIRATE-NA. **PIRATE SPY NUMBERS.** 2258-2303, 10-28-25. (Taylor-PA)

6915-USB, PIRATE-NA. **FATHER MURGAS RADIO.** 0019-0038, 11-22-25. (Montney-MI)

6920-AM, PIRATE-NA. **STERN RADIO.** 0006-0012, 10-18-25. Good Signal. (Majewski-CT)

6920-USB, PIRATE-NA. **DICK BULGER RADIO.** 1215, 11-01-25. Good with some QRN. (Taylor-PA)

6923.5-AM, PIRATE-NA. **RADIO APPALACHIA.** 0032, 10-31-25. Fair/Good. (Taylor-PA)

6924-USB, PIRATE-NA. **THUNDER CHICKEN RADIO.** 2322-2328, 11-20-25. Fair Signal. (Majewski-CT)

6925-USB, PIRATE-NA. **DANCE MUSIC RADIO.** 1128-1232*, 10-23-25. (Ross-ON)

6925-AM, PIRATE-NA. **BOAT ANCHOR RADIO.** 0110-0137, 10-25-26. Noisy but fair. (Pavick-BC)

6925-USB, PIRATE-NA. **YARDBIRDS RADIO.** *1312-1421*, 10-25-25. (Ross-ON)

6925-USB, PIRATE-NA. **THE SEARCHERS RADIO.** *1110-1219*, 10-26-25. (Ross-ON)

6925-AM, PIRATE-NA. **BOBBY DARIN RADIO.** 0116, 10-28-25. Fair-Good. (Taylor-PA)

6925-AM, PIRATE-NA. **GOOD EVENING RADIO.** 2315-2326, 11-01-25. (Ross-ON)

6925-USB, PIRATE-NA. **UNCLE GARY REVIEWS.** 1257-1325*, 11-02-25. (Ross-ON)

6925-USB, PIRATE-NA. **WDOG.** 2320, 11-05-25. (Hauser-OK)

6925-USB, PIRATE-NA. **VALLEY GIRL RADIO.** 1207-1314*, 11-06-25. (Ross-ON)

6925-USB, PIRATE-NA. **KAHN RADIO.** 0046-0113, 11-06-25. (Montney-MI)

6925-AM, PIRATE-NA. **LIQUID RADIO.** 0221, 11-09-25. (Hauser-OK)

6925/6935-USB, PIRATE-NA. **EDMUND FITZGERALD RADIO.** 0015-0036*, 11-10-25. (Ross-ON)

6925-USB, PIRATE-NA. **MICKEY AND SYLVIA RADIO.** 1227-1341*, 11-10-25. (Ross-ON)

6925-USB, PIRATE-NA. **BOBBY RYDELL RADIO.** *0114-0229*, 11-12-25. (Ross-ON)

6925-USB, PIRATE-NA. **CHAKA KAHN RADIO.** 0202-0238*, 11-14-25. (Ross-ON)

6925-USB, PIRATE-NA. **BOBBY VINTON RADIO.** 0014-0047, 11-14-25. Poor. (Montney-MI)

6925-USB, PIRATE-NA. **THE BYRDS RADIO.** *1319-1443*, 11-15-25. (Ross-ON)

6925-USB, PIRATE-NA. **LOONIE LAURA LOOMER LIVE RADIO.** 1602-1641*, 11-15-25. (Ross-ON)

6925-USB, PIRATE-NA. **YEAH MAN RADIO.** 0035, 11-16-25. (Montney-MI)

6925-USB, PIRATE-NA. **ALT. ROCK RADIO**. 0121, 11-17-25. (Montney-MI)

6925-USB, PIRATE-NA. **PAUL ANKA RADIO**. 2246-2306, 11-18-25. A good signal until it started fading. (Majewski-CT)

6925-USB, PIRATE-NA. **THE FAINT RADIO**. *1213-1319*, 11-19-25. (Ross-ON)

6925-USB, PIRATE-NA. **BOBBY CURTOLA RADIO**. *0030-0140*, 11-20-25. (Ross-ON)

6925-USB, PIRATE-NA. **BLOOD, SWEAT & TEARS RADIO**. *1210-1351*, 11-20-25. (Ross-ON)

6925-USB, PIRATE-NA. **JOY DIVISION RADIO**. 0337, 11-20-25. Poor-Fair. (Taylor-WI)

6925-USB, PIRATE-NA. **NOWHERE MAN RADIO**. 2256, 11-22-25. Fair. (Taylor-WI)

6925-USB, PIRATE-NA. **THE POPPY FAMILY RADIO**. 2253-2336, 11-23-25. Good signal then started fading. (Majewski-CT)

6927-USB, PIRATE-NA. **VOICE OF KAOS**. 2258-2354*, 10-30-25. (Ross-ON)

6929.8-AM, PIRATE-EU. **INDY RADIO**. 1830-1902, 11-12-25. Fair/good/almost good. (Serra-Cincinnati-Anzio-Italy)

6930-AM, PIRATE-NA. **SHITTY RADIO MUSIC INTERNATIONAL**. 1825-1836*, 10-19-25, (Ross-ON)

6930-USB, PIRATE-NA. **NATIONAL PIRATE RAILROAD via CSR**. 2302-2337*, 10-27-25. (Ross-ON)

6930-AM, PIRATE-NA. **SYCKO RADIO**. 0005-0035fo, 11-04-25. (Ross-ON)

6930-USB, PIRATE-NA. **77LJS**. 1422, 11-13-25. (Ross-ON)

6930-USB, PIRATE-NA. **GRASS ROOTS RADIO**. 2314-0204, 11-15-25. The signal as good but faded out. (Majewski-CT)

6930-USB, PIRATE-NA. **BOBBY VEE RADIO**. 0007-0025, 11-17-25. The signal was fair and faded out. (Majewski-CT)

6930-AM, PIRATE-NA. **THUNDER CHICKEN RADIO**. 2327, 11-17-25. Good. (Taylor-WI)

6930-USB, PIRATE-NA. **KDOG**. 0250-0303*, 11-18-25. (Ross-ON)

6935-AM, PIRATE-NA. **BOAT ANCHOR RADIO**. 0307, 10-19-25. Good. (Pavick-BC)

6935-USB, PIRATE-NA. **RONNIE HAWKINS RADIO**. 0156-0240, 10-25-25. Fair between fade in and fade out. (Taylor-WI)

6935-USB, PIRATE-NA. **DANCE MUSIC RADIO**. 0039-0141*, 10-25-25. (Ross-ON)

6935-USB, PIRATE-NA. **PUMPKIN PATCH RADIO**. 2334, 10-26-25. (Montney-MI)

6935-AM, PIRATE-NA. **RADIO V051**. 2112-2149*, 10-27-25. (Ross-ON)

6935-AM, PIRATE-NA. **BRIAN HYLAND RADIO**. 0107-0212*, 10-30-25. (Ross-ON)

6935-USB, PIRATE-NA. **RADIO HALLOWEEN**. 2128-2145, 10-31-25. Good/Excellent signal (Majewski-CT)

6935-USB, PIRATE-NA. **UNID**. 2136, 10-31-25. Noisy and terrible audio. (Cichorek-NJ)

6935-AM, PIRATE-NA. **BOOMBOX RADIO**. 2115-2225*, 11-01-25. (Ross-ON)

6935-AM, PIRATE-NA. **EULER SPY NUMBERS**. 1302, 11-01-25. Fair. (Taylor-PA)

6935-AM, PIRATE-NA. **FOLK ROCK RADIO**. 2154-2229*, 11-02-25. (Ross-ON)

6935-AM, PIRATE-NA. **B-SIDE RADIO**. 0200, 11-02-25. Good to fair to poor. (Pavick-BC)

6935-USB, PIRATE-NA. **OBOE RADIO**. 0019-0040, 11-03-25. (Montney-MI)

6935-USB, PIRATE-NA. **VALLEY GIRL RADIO**. 2156-2222, 11-09-25. Good signal. (Majewski-CT)

6935-AM, PIRATE-NA. **EDMUND FITZGERALD RADIO**. 0001-0015, 11-11-25. (Montney-MI)

6935-AM, PIRATE-NA. **WOMBATS RADIO**. 1135-1205fo, 11-12-25. (Ross-ON)

6935-AM, PIRATE-NA. **RADIO SOLAR STORM**. 0228-0246, 11-13-25. (Ross-ON)

6935-AM, PIRATE-NA. **RICK NELSON RADIO**. 1203-1317, 11-14-25. (Ross-ON)

6935-USB, PIRATE-NA. **THE VOICE OF HONOR**. 2328-2343, 11-14-25. (Ross-ON)

6935-AM, PIRATE-NA. **ALT ROCK RADIO**. 2121-2246*, 11-16-25. (Ross-ON)

6935-USB, PIRATE-NA. **RACHMANINOFF RADIO**. 2312-2344*, 11-16-25. (Ross-ON)

6935-USB, PIRATE-NA. **WOLVERINE RADIO**. 0140, 11-16-25. Generally poor. (Pavick-BC)

6935-AM, PIRATE-NA. **RADIO FREE EUPHONIA**. 0133-0138, 11-17-25. Fair signal. (Majewski-CT)

6935-AM, PIRATE-NA. **ELBOWS UP RADIO**. 0100, 11-18-25. Good. (Pavick-BC)

6935-AM, PIRATE-NA. **B-SIDE RADIO**. 0204-0226, 11-20-25. (Taylor-WI)

6936 USB, PIRATE-NA. **DEVIL'S NIGHT FROM HELL**. 0222-0301*, 10-31-25. (Ross-ON)

6938-AM, PIRATE-NA. **SYCKO RADIO**. 0057, 10-31-25. Good-fair. (Taylor-PA)

6940-USB, PIRATE-NA. **TOMMY JAMES & THE SHONDELLS RADIO**. 2355, 10-27-25. (Montney-MI)

6940-USB, PIRATE-NA. **NEIL SEDAKA RADIO**. 0114-0130*, 11-04-25. (Ross-ON)

6940-USB, PIRATE-NA. **VFO RADIO**. 0103-0205*, 11-15-25. (Ross-ON)

6944.83-LSB, PIRATE-NA. **SOLAR POWER RADIO**. 2022-2037*, 11-04-25. (Ross-ON)

6945/6940-USB, PIRATE-NA. **SOLAR CHICKEN RADIO**. 2033-2229*, 11-04-25. (Ross-ON)

6945-USB, PIRATE-NA. **THE BYRDS RADIO**. *0100-0225*, 11-16-25. (Ross-ON)

6945-AM, PIRATE-NA. **BAND AID RADIO**. 0247, 11-17-25. Fair. (Pavick-BC)

6949.7-AM, PIRATE-NA. **ION RADIO**. 2134-2200fo, 11-20-25. (Ross-ON)

6950-USB, PIRATE-NA. **V-SKY RADIO**. 0000-0100, 10-25-25. Fair/Good Signal. (Majewski-CT)

6950-USB, PIRATE-NA. **THUNDER CHICKEN RADIO**. 2220, 10-29-25. (Hauser-OK)

6950-USB, PIRATE-NA. **ART BELL RANTS**. 1215, 10-31-25. (Taylor-PA)

6950-USB, PIRATE-NA. **KRST**. 1748, 10-31-25. Poor-Fair. (Taylor-PA)

6950-AM, PIRATE-NA. **RADIO FREE EUPHONIA**. 0042, 11-08-25. (Taylor-PA)

6950-USB, PIRATE-NA. **GREENSLEEVES NUMBERS STATION**. 1745-1758*, 11-14-25. (Ross-ON)

6950-USB, PIRATE-NA. **THE BYRDS RADIO**. 2304-2325*, 11-15-25. (Ross-ON)

6950-AM, PIRATE-NA. **BAND AID RADIO**. 0200-0208, 11-18-25. (Pavick-BC)

6950-AM/USB PIRATE-NA. **BAND AID RADIO**. 0202-0227fo, 11-19-25. (Ross-ON)

6950-USB, PIRATE-NA. **V-SKY RADIO**. 0000-0122, 11-22-25. Fair/Good Signal. (Majewski-CT)

6950-USB, PIRATE-NA. **KAHN RADIO**. 2310-2337, 11-22-25. (Taylor-WI)

6955-USB, PIRATE-NA. **NEIGHBORS HAVING COFFEE**. 0036-0056, 10-25-25. Very Good. (Taylor-WI)

6955-AM, PIRATE-NA. **ION RADIO**. 2216, 10-31-25. Fair. (Taylor-PA)

6955-USB, PIRATE-NA. **X-FM SHORTWAVE**. 0100, 11-01-25. (Barton-AZ)

6955-USB, PIRATE-NA. **X-FM SHORTWAVE via TWO DOG RADIO**. 0000, 11-01-25. Very good almost perfect signal. {Pavick-BC}

6955-USB, PIRATE-NA. **CHAINSAW RADIO**. 0258-0308*, 11-01-25. (Ross-ON)

6955-USB, PIRATE-NA. **RADIO ILLUMINATI**. 0340-0420, 11-01-25. (Taylor-PA)

6955-USB, PIRATE-NA. **OUTHOUSE RADIO**. 0053, 11-16-25. (Hauser-OK)

6955-USB, PIRATE-NA. **WTF RADIO WW**. 2257-0024*, 11-17-25. (Ross-ON)

6955-AM, PIRATE-NA. **ION RADIO**. 2219-2301*, 11-02-25. (Ross-ON)

6960-USB, PIRATE-NA. **LOVE SONGS RADIO**. *1112-1232*, 10-19-25. (Ross-ON)

6960-USB, PIRATE-NA, **WOLVERINE RADIO**. 2356-0052, 10-25-25. Good. (Montney-MI)

6960-USB, PIRATE-NA. **SPACE JUNK RADIO**. 2301-0020, 10-29-25. (Ross-ON)

6960-USB, PIRATE-NA. **RACHMANINOFF RADIO**. 0052, 11-16-25. (Hauser-OK)

6960-AM, PIRATE-NA. **BALLSMACKER RADIO**. 0242, 11-21-25. (Taylor-WI)

6960-AM, PIRATE-NA. **WDOG**. 2337-2356, 11-23-25. Fair signal then started to fade. (Majewski-CT).

6962-AM, PIRATE-NA. **DOCTOR DETROIT via RADIO ILLUMINATI**. 2306-2330, 10-25-25. (Majewski-CT)

6970-USB, PIRATE-NA. **WOLVERINE RADIO**. 0025-0308, 11-01-25. Armchair signal. (Taylor-PA)

6972.9-USB, PIRATE-NA. **KANDY KORN RADIO**. 0012-0047*, 10-26-25. (Ross-ON)

6973-USB, PIRATE-NA. **SPOOKY HALLOWEEN SOUNDS RADIO**. 0139-0219*, 10-22-25. (Ross-ON)

6973-USB, PIRATE-NA. **VOICE OF AUTOCRACY**. 0144-0206, 11-15-25. (Ross-ON)

6979.86-LSB, PIRATE-NA. **MOONTRAIN RADIO**. 1628-1746*, 11-21-25. (Ross-ON)

11530-AM, CLANDESTINE. **RADYO DENGEGEL.** 0349-0405, 10-22-25. In Kurdish. (Serra-Cincinnati-Anzio-Italy)

11915-AM, PIRATE-NA. **YHWH.** 1720, 10-22-25. (Hauser-OK)

12100-USB, PIRATE-NA. **MIX RADIO INTL.** 1740, 10-27-25. (Hauser-OK)

Cape Cod FM Pirate Agrees to FCC Settlement

Robert Bellinger operated "Three Bays Radio" from Cotuit

By: Nick Langan

RADIO WORLD

Published: November 17, 2025

As the Federal Communications Commission catches up on pending matters since the U.S. government shutdown, its Enforcement Bureau announced it has agreed to a consent decree with Robert Bellinger, an unlicensed radio operator on Cape Cod. The agreement results in his voluntary contribution of \$7,200 payable to the U.S. Department of Treasury.

Bellinger was found to be operating a pirate radio station on 93.1 FM from Cotuit, Mass.,


a village in the town of Barnstable, about halfway between Falmouth and Hyannis. The signal, known as "Three Bays Radio," also had an online Facebook presence.


As Radio World reported, the Enforcement Bureau originally issued a notice of apparent liability in April 2024 to Bellinger with a proposed forfeiture of \$40,000, which stemmed from a PIRATE Act enforcement sweep. He responded to the commission after the notice was issued, seeking a cancellation of the forfeiture due to his inability to pay the forfeiture.

The commission reviewed Bellinger's financial information and an agent from the Enforcement Bureau agent also confirmed the 93.1 FM signal is no longer on the air. As a result, the commission opted for the consent decree, resulting in Bellinger's voluntary contribution.

By entering the decree, the commission said that Bellinger admitted that the facts underlying the Enforcement Bureau's description of the case are correct.

Should his station come back on the air or if he defaults on payment during the 20-year term of the decree, Bellinger agreed to a voluntary contribution of approximately \$32,000, also payable to the U.S. Department of Treasury.

Attention members! Some members do not have an e-mail address in the database and we encourage you to provide one. E-mail is the best way for us to contact you and it allows you to receive the e-Journal. Your address is not shared with anyone and will not be used for anything except NASWA business. Send it to journal@naswa.net. Thanks! 

Want to read the e-Journal on your e-reader? If your e-reader (Kindle, Nook, Kobo, etc) has an email address for content delivery and supports PDF format, send this address to journal@naswa.net. More specific instructions are available for the Kindle. On the 1st of each month, the latest issue will appear on your e-reader if it is online. 

QSL Report

Chris Lobdell ♦ Box 80146 ♦ Stoneham, MA 02180-0146 ♦ qsl@naswa.net

Welcome to yet another jam packed QSL column this month. Thanks again to David Ross of Ontario!

Alt Rock Radio 6935 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Bobby Darin Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Bobby Rydell Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Bobby Vinton Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Bobby Vee 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Bob Dylan Radio 6865 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Boombox Radio 6935 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Bryan Highland Radio 6935 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

The Byrds Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Chaka Khan Radio 6935 kHz AM, Full Data eQSL in 1 day with posting on HFU and email report. (Ross-ON)

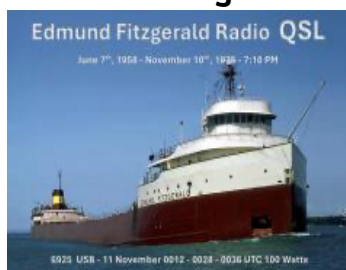
Creedence Clearwater Revival Radio 6935 kHz AM, Full Data eQSL same day with posting on HFU and email (Ross-ON)



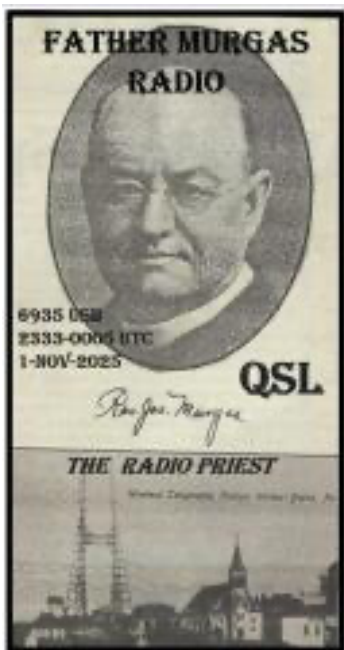
Dance Music Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Dion DiMucci and The Belmonts 6880/6885 kHz US B, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Edmund Fitzgerald Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



The Faint Radio 6845 USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Father Murgas Radio 6935 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Folk Rock Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Grass Roots Radio 6935 kHz AM, Full Data eQSL same day

with posting on HFU and email report. (Ross-ON)

The Guess Who Radio, 6935 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Halloween Radio 6935 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Kandy Korn Radio 6972.9 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Chaka Khan Radio 6935 kHz AM, Full Data eQSL in 1 day with posting on HFU and email report. (Ross-ON)

Khan Radio Episode 5 "Imagination's Limits" 6935 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

KSK0 via ION Radio 6955 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Looney Laura Loomer Radio Live 6950 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Love Songs Radio 6860 USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Mickey & Sylvia Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

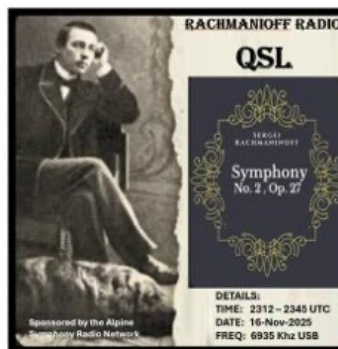
National Pirate Railroad via CSR 6930 kHz USB, Full Data eQSL in 1 day with posting on HFU and email report. (Ross-ON)

Neil Sedaka Radio 6935 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Oboe Radio 6935 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Pumpkin Patch Radio 6935 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Rachmaninoff Radio 6935 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

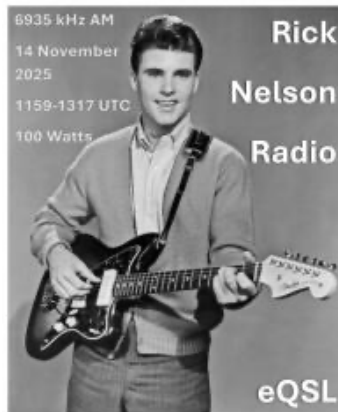
Radio Free Euphonia 6950 AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Radio Hallowe'en 6935 kHz USB, Full Data eQSL in 3 days with posting on HFU and email report. (Ross-ON)

Radio Free Spirit 6960 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Radio Hallowe'en 6935 kHz USB, Full Data eQSL in 3 days with posting on HFU and email report. (Ross-ON)

Rick Nelson Radio 6935 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Ronnie Hawkins Radio 6850 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

The Searchers Radio 6925 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Solar Power Radio 6944.83 LSB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Spooky Halloween Sounds Radio 6972.92 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Star Trek "Khan" Episode 4 6865 kHz USB, Full Data eQSL same day with posting



on HFU and email report. (Ross-ON)

Tommy James & The Shondells Radio 6860/6865 kHz, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Radio Hallowe'en 6935 kHz USB, Full Data eQSL in 3 days with posting on HFU and email report. (Ross-ON)

Valley Girl Dance Party 6978 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

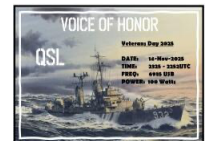


Valley Girl Radio 6865 kHz USB, Full Data "Dance Party" eQSL same day with posting on HFU and email report. (Ross-ON)

Valley Girl Radio "A Tale of Ham Radio Halloween Horror!" 6935 kHz USB, Full Data eQSL in 4 days with posting on HFU and email report. (Ross-ON)

VFO Radio 6945 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Voice of Honor 6935 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Voice of North America 6935 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

Yardbirds Radio 6865 kHz USB, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)



Voice of the Sky 6950 kHz USB, Full Data "Oldies Night" eQSL same day with posting on HFU and email report. (Ross-ON)

ON)

V-Sky Radio 6950 kHz USB, Full Data eQSL in 1 day with posting on HFU and email report. (Ross-ON)

WBLR 6944.99 kHz LSB, Full Data eQSL same day with posting on HFU. (Ross-ON)

Wombats Radio 6935 kHz AM, Full Data eQSL same day with posting on HFU and email report. (Ross-ON)

WTF RWW 6925 kHz USB, Full Data eQSL in 4 days with posting on HFU. (Ross-ON)

Until next time - 73 & Good DX!

Loggings

Dave Turnick ♦ 372 Spohn Road ♦ Sinking Spring, PA 19608 ♦ david.turnick@gmail.com

-
- 3965 DENMARK *World Music R***, Hvidovre, 10/29, 2010. Music. New frequency for WMR with music including Bob Marley & The Wailers "Could You Be Loved", Astrud Gilberto "Agua De Beber", Quatro "Meninas Bonitas", Barrington Levy "Black Roses", Cesária Évora "Sodade", Everton Blender "Ghetto People Song", and several others heard. 25332. (Roe-UK)
 - 3975 GERMANY *Shortwave R Gold***, Winsen, 10/29, 1920. English. The Jazz Hour with the music of Fats Waller including "China Boy"; "Patty Cake, Patty Cake"; "Squeeze Me"; "Ain't Misbehavin"; and "I've Got a Crush on You"; and many others. 25332. (Roe-UK)
 - 4426 UNITED STATES *US Coast Guard NMN*** Chesapeake, VA – 10/6 0540 noted with marine forecast for the North Atlantic in English. SIO 545 in USB mode. (Bueneman-MO)
 - 4730 CHINA *China Radio Int'l*** . 7430.084, Nov 17 at 2318, S9+20/30 of Chinese? music, then conversation I finally decide is in Khmer. Bingo, CRI Cambodian listed via Nanning 954 site, which is just NE of Hanoi. Incredibly strong signal direct for something so far aimed away, and incredibly far off-frequency for a ChiCom unit, at first estimated 7430.1; then at 2343 into Cha-Am Thailand SDR, which is accurately calibrated when measured, S9+15/32. HFCC shows 100 kW at 200 degrees from NNN. Is Nanning known for other skewed frequencies? (Glenn Hauser, OK)
 - 4840 UNITED STATES. *WWCR*** 3 in EE. November 16, 2025, 0429 – 0430. SIO 333. OM preacher with religious sermon via Nashville, TN. Moderate QRN / QSB. (Henley, WA)

- 4840 USA VORW R In't** Nashville, 11/01, 0630. English. John presenting music requests including tracks from Bobbie Gentry, Iggy Pop, David Bowie, The Sugarcubes and several others. 35333. (Roe-UK)
- 4840 UNITED STATES WWCR**, Nashville, 10/16, 0500. English. Worldwide Country Radio presented by Gregory Hicks with songs including: Johnny Cash "Ring of Fire"; Paul Overstreet "Richest Man on Earth"; Barbara Mandrell "I Was Country When Country Wasn't Cool"; Charley Pride "Amazing Love"; Don Williams "'Till The Rivers All Run Dry"; and many others. 35333. (Roe-UK)
- 5010 UNITED STATES WRMI** Okeechobee, FL – 10/4 0110 noted with commentary in Spanish. SIO 323. (Bueneman-MO)
- 5050 UNITED STATES WRMI** Okeechobee, FL – 10/4 0050 noted with Christian discussion in English. SIO 545. (Bueneman-MO)
- 5130 UNITED STATES WBCQ** Monticello, ME – 10/4 0137 noted with history talk show in English. SIO 444. (Bueneman-MO)
- 5140 LUXEMBOURG R Onda**, Junglinster, 11/02, 1640. Music. Varied music selection including tracks from Eminem, Brenda Lee, The Hollies and Haddaway, amongst many others. 35333. (Roe-UK)
- 5850 GERMANY [non] DW** 5850, Sun Nov 16 at 0728, DW Afrika concluding, from WRN via WRMI, VG direct. Should be on 4 more as for WOR following (Glenn Hauser, OK)
- 5920 UNITED STATES. WTWW** in EE from Lebanon, TN to NAM. November 16, 0509 – 0515. SIO 333. A badly distorted signal and a very confused preacher. (Henley, WA)
- 5935 UNITED STATES. WWCR** 2 religious broadcaster in EE. November 16, 2025, 0421 – 0429. SIO 444. YL preacher seeking funds / donations. Target NAM via Nashville, TN. Long-winded YL preacher. (Henley, WA)
- 5935 UNITED STATES. WWCR** 2 religious broadcast in EE to NAM. November 16, 2025, 0503 – 0508. SIO 444. OM Preacher via Nashville, TN, with a sermon about the wiles of the Devil, bolstered by quotes from the Bible. (Henley, WA)
- 5965 CHINA. China Radio Int'l** in RR to Siberia. November 3, 2025, 1521 – 1526. SIO 333. Via Beijing. Mixed OM / YL announcers with background MX. More POP MX with mixed performers follows. (Henley, WA)
- 5965 CHINA. China Radio Int'l** in RR to Siberia. October 21, 2025, 1532 – 1543. SIO 444. Mixed OM / YL announcers. Moderate QRN, rapid QSB. Listenable. YL with long monologue. POP MX with YL soloist. OM joins at 1541. (Henley, WA)
- 6030 ROMANIA R Romania Int**, Galbeni, 10/29, 2300. English. News and report concerning Romania's fiscal deficit. Song of the Day: "Out of the Sky" by Alb Negru & Bere Gratis. Truly Romanian with traditional Romanian music by Lucretia Ciobanu. Happening in Romania with an interview about a Research Symposium held earlier in October. Finally, Simply Folk with "Mugur, mugurel" by Constantin Eftimiu. 55555. (Roe-UK)
- 6030 ROMANIA Radio Romania Int'l**. 6030, Nov 4 at 2302, also JBA direct: no, not R. Martí nor CFVP but RRI as now scheduled in English to W Europe (Glenn Hauser, OK)
- 6070 CANADA CFRX Toronto** 2300-30 news, first 10 minutes recap of World Series, interviews with Jays' manager, players, fans, then other national & international news, including tariffs; fair 11/2 (Prodan-ME)

- 6110 **CHINA. *PBS Xizang*** in Tibetan. November 7, 2025, 1440 – 1448. SIO 333. Via Lhasa, target domestic China. OM with long monologue in Tibetan. Heavy QRN, pulse type QRM and flutter. (Henley, WA)
- 6140 **LUXEMBOURG *R Augusta Int***, Junglinster, 10/29, 1903. English. David Angel with Mellow Classics, including: Giorgio Moroder "Looky Looky"; Procol Harum "A Salty Dog"; Peter Gosling "Peace"; and many others. 35333. (Roe-UK)
- 6145 **CHINA. *China National Radio* 1** in CC to domestic China. Several OMs in discussion / argument. Probably jamming Radio Taiwan Int'l. Via Baoji – Xinjie. November 9, 2025, 1519 – 1525. SIO 433. Loud drums sound for the last part of the broadcast. (Henley, WA)
- 6180 **BRASIL *Radio Nacional da Amazonia*** Portuguese 2204-12 regular blues program Alma Blues, with Born Under a Bad Sign, more; poor 11/18 (Prodan-ME)
- 7220 **CHINA. *China Radio Int'l*** in JJ to FE. November 6, 2025, 1530 – 1540. SIO 444. OM with long monologue in JJ. POP MX with OM singer. Via Jinhua. (Henley, WA)
- 7220 **ROMANIA *Radio Romania Int'l*** via Galbeni – 10/27 0250 noted with commentary in French until 0256 sign-off. SIO 555. (Bueneman-MO)
- 7220 **VIETNAM. *Voice of Vietnam*** in Vietnamese to the Middle East. POP MX with OM soloist. Via Hanoi – Sontay. October 29, 2025, 1527 – 1538. OM announcer in Vietnamese. Long monologue, with more POP MX following with YL singer. (Henley, WA)
- 7220 **VIETNAM. *Voice of Vietnam*** in Vietnamese to the Middle East. November 2, 2025, 1546 – 1552. SIO 333. OM announcer via Hanoi – Sontay. POP MX continues. (Henley, WA)
- 7220 **VIETNAM. *Voice of Vietnam*** in Vietnamese to the Middle East. OM announcer, ethnic MX via Hanoi – Sontay. October 26, 2025, 1526 – 1537. SIO 333. Moderate QRN, flutter on the signal. (Henley, WA)
- 7260 **TÜRKIYE *Voice of Türkiye*** via Emirler – 10/4 0141 noted with dance music in Turkish and commentary in Spanish. SIO 434. (Bueneman-MO)
- 7300 **CHINA. *China National Radio* 1** jammer in CC. Target is domestic China likely jamming Radio Taiwan International on this frequency. November 1, 2025, 1531 – 1536. SIO 333. Mixed OM / YL announcers in CC with POP MX and long monologues. I can hear RTI under the CNR 1 signal at this location. (Henley, WA)
- 7355 **UNITED STATES. *Radio Marti*** in SS to Cuba. November 16, 2025, 0412 – 0416. SIO 555. Argument in SS among various OMs. Via Greenville, NC. (Henley, WA)
- 7390 **NEW ZEALAND. *RNZ Pacific*** in EE to Oceania. November 9, 2025, 1509 – 1516. SIO 333. Regional news and WX reports. YL announcer and WX forecaster. Moderate QRN / flutter. Long WX forecast and reports from around the islands. (Henley, WA)
- 7410 **CHINA. *China Radio Int'l*** in JJ to FE. November 3, 2025, 1454 – 1457. SIO 433. POP MX with YL singer. Moderate QRN / QSB, via Jinhua. Off the air at 1457. (Henley, WA)
- 7410 **CHINA. *China Radio Int'l*** in CC to SEA. November 7, 2025, 1427 – 1435. SIO 333. POP MX, mixed performers. OM announcer in Mandarin. Heavy QRN, flutter on signal. Some pulse type QRM, probably deliberate. More POP MX follows. (Henley, WA)
- 7410 **CHINA. *China Radio Int'l*** in JJ to FE. October 29, 2025, 1456 – 1457. SIO 444. POP MX with OM singer. Off the air at 1457. (Henley, WA)


- 7410 **CHINA. *China Radio Int'l*** in JJ to FE. October 22, 1454 – 1500. SIO 444. POP MX to FE via Jinhua. YL announcer with ID and contact information. Program switch at 1500. (Henley, WA)
- 7435 **UNITED STATES. *Radio Marti*** in SS to Cuba. November 16, 2025, 0402 – 0408. SIO 444. OMs and YLs in conversation and commentary. Via Greenville NC. (Henley, WA)
- 7435 **CHINA *China R In't***, Jinhua, 10/11, 1830. Italian. Traditional Kirgiz music from Xinjiang including tracks titled " Hanikai's Wish"; and "The Race of the Hanikai Brown Horses", both from an album called "Musical Map of China; Hearing Xinjiang" (a Collection of Kirgiz Folk Songs and Music). 35333. (Roe-UK)
- 7490 **UNITED STATES *WBCQ*** Monticello, ME 2200 Marion's Attic show #1017 nice jazz with Barney Bigard, Johnny Hodges, Flip Phillips Quartet, Gerry Mulligan, Mary Lou Williams, Meade Lux Lewis, James P Johnson & others; poor at start, improving, but some waves of static 11/2 (Prodan-ME)
- 7570 **UNITED STATES. *WRMI*** Okeechobee in EE to WNAM. November 16, 2025, 0454 – 0458. SIO 444. Conversation between two OMs about a new publication and cultural subject. (Henley, WA)
- 9265 **UNITED STATES *WIMB*** Red Lion, PA 2245-2310 "Call to Worship" preaching, station ID at 2300, hymn "Leaning on the Everlasting Arms," preaching; good 11/1 (Prodan-ME)
- 9330 **UNITED STATES *WLC***, Monticello, 10/17, 0740. English. Long talk about cults, and how cults can only continue by, for example, applying social pressure, fear tactics, etc. How to help someone get out of a cult. 55555. (Roe-UK)
- 9395 **UNITED STATES *WRMI*** Okeechobee, FL 0004-25 Sean Welsh Audio Extravaganza, including Laurel Canyon – Jesus Was a Cross Maker, Elvis Costello – Green Shirt, Nadia King – Dirty Ribbon, Youngbloods – All My Dreams; poor-fair 10/31 (Prodan-ME)
- 9455 **UNITED STATES. *WRMI*** Okeechobee in EE to Central America. November 16, 2025, 0354 – 0359. SIO 555. POP MX in EE. Announcer with station ID in EE. (Henley, WA)
- 9480 **CHINA *CNR 11***, Donfang, 10/26, 1555. Tibetan (listed). A couple of Tibetan songs including one called "Holy Plateau" by Biwang and the band, followed by talk by male speaker. 35333. (Roe-UK)
- 9515 **KOREA, SOUTH *KBS World Radio***, Kimjae, 10/26, 1510. English. K-Pop Connection with songs including: Miss A "I Don't Need a Man"; Block B "Nillirimambo"; 10cm "Fine Thank You and You"; Girls' Generation "HOOT"; and 2pm "I'll Be Back". 25332. (Roe-UK)
- 9550 **CHINA. *China Radio Int'l*** in Vietnamese to SEA via Beijing. November 1, 2025, 1544 – 1551. SIO 333. YL announcer with long monologue. Heavy QRN with flutter on the signal. Choral singing with what sounds like a children's choir. CC POP MX follows. Possibly a religious program but that would be very unusual for CRI – so it is likely some other unidentified broadcaster. The monologues do sound like CRI so consider the station ID to be tentative. (Henley, WA)
- 9585 **ALASKA. *KNLS*** religious broadcaster in RR to FE. November 10, 2025, 1646 – 1655. SIO 433. "New Life Station" Heavy QRN, steep QSB. POP MX, OM with long monologue or homily. OM with station ID and contact information and a brief religious message. More POP MX follows. (Henley, WA)

- 9585 **ALASKA. KNLS** religious broadcaster "New Life Station" in RR to FE. November 1, 2025, 1639 – 1645. SIO 333.YL announcer with sermon or homily. Moderate QRN / QSB. (Henley, WA)
- 9655 **ASCENSION KBS World R**, Ascension, 11/02, 2000. French. Musique coréenne (K-Pop music) presented by female host. 35333. (Roe-UK)
- 9660 **CHINA. China National Radio 1** in CC jammer to FE via Kunming. OMs in debate or argument. Heavy QRN, steep QSB likely jamming Radio Taiwan Int'l on the same frequency. November 2, 2025, 1538 – 1545. SIO 333. YL joins at 1542. (Henley, WA)
- 9665 **BRAZIL Radio Voz Missionaria ZYE890** Camboriú, Santa Catarina – 10/4 0031 noted with Christian teaching in Portuguese. SIO 333. (Bueneman-MO)
- 9670 **GERMANY Atlantic 2000**, Rohrbach, 10/11, 0815. French. Mix of English and French oldies with male presenter, including tracks by Queen, Bernard Lavilliers, Golden Earring, Nicole Groisille & Pierre Barouh, The Boomtown Rats, and many others. 45333. (Roe-UK)
- 9670 **GERMANY Encore Classical R**, Rohrbach, 11/01, 1100. English. Classical music, including: Rachel Portman "Recollection"; Choir of St John's College "Ecce nunc benedicite Dominum", and "Winter morning in Istanbul" for piano. 35333. (Roe-UK)
- 9670 **GERMANY From the Isle of Music**, Rohrbach, 10/11, 1700. English. Great music from Cuba Disco 2025, including Histeresis "Asalto al cielo"; David Álvarez y Juego de Manos "Donde tu iras" and "Vereda Tropical"; Annys Batista "Caribe"; Zadkiel Kbn "Sonador"; and many others. 35333. (Roe-UK)
- 9670 **GERMANY SuperClan R**, Rohrbach, 10/12, 0830. English. Herbie the Fish presenting oldies including tracks from Chicago, Dionne Warwick, the eagles, Kate Bush, and many others. 45444. (Roe-UK)
- 9675 **CHINA. China Radio Int'l** in RR to FE. October 23, 2025, 1445 – 1452. SIO 444. YL announcer in RR with POP MX songs. Via Shijiazhuang (Hebel) (Henley, WA)
- 9705 **TAIWAN (tentative) Furusato no Kaze** Clandestine In JJ. "Furusato no Kaze" Likely from Paochung, Taiwan to North Korea. October 23, 2025, 1352 – 1357. SIO 333. Soft instrumental MX. Off the air at 1357. (Henley, WA)
- 9710 **CUBA. Radio Habana Cuba** in SS to ENAM. November 16, 2025, 0348 – 0353. SIO 555. YLs in SS conversation, long dialogues with multiple YLs. Latin MX follows. OM announcer gives station ID. (Henley, WA)
- 9710 **CUBA Radio Havana Cuba** via La Habana – 10/18 0642 noted with letters from listeners in English. SIO 555. (Bueneman-MO)
- 9730 **ROMANIA R Romania Int**, Galbeni, 10/12, 0000. Romanian. Program: "Cum ne place! Megamix" with dance/pop music including: Corina "Roate Se Intoarce"; Smiley "Pantofii altcuiva"; Bogdan "Hila", Bosquito "Puiule de Om" and Smiley "Dead Man Walking". At 0100, the program "Verba manet" started (so Radio Concert Season, classical music, still missing from schedule). 55555. (Roe-UK)
- 9730 **TAIWAN. Sound of Hope** clandestine / opposition in CC. October 26, 2025, 1550 – 1556. SIO 433. Target is China via an unknown site in Taiwan (ust). OM with long monologue. MX with a YL chorus, YL joins at 1556. (Henley, WA)
- 9750 **UZBEKISTAN BBC WS**, Tashkent, 10/12, 0000. English. News bulletin (leading with stories on Afghanistan air-strikes on Pakistan and release of Gaza hostages), followed by The Newsroom (leading stories about tensions between Afghanistan and Pakistan, and talk about Gaza/Israel) 45444. (Roe-UK)

- 9765 **MADAGASCAR, KNLS**, 2226, 11-19-25. Religious talk in Portuguese and gospel music and vocals. Nice choral singing. Good (Cichorek-NJ)
- 9770 **TÜRKIYE Voice of Türkiye** via Emirler – 10/10 0515 noted with traditional and pop music in Turkish. SIO 323. (Bueneman-MO)
- 9790 **CHINA. China Radio Int'l** in EE to WNAM via Habana Cuba. November 16, 2025, 0343 – 0347. SIO 444. OMs talking of sports figures and Chinese popular culture. (Henley, WA)
- 9870 **TURKIYE Voice of Türkiye**, Emirler, 10/12, 0000. Portuguese. Sign-on announcements by female speaker followed by talk by male speaker (presumably a news bulletin). Turkish music including "Sabıkalı" by Ayşe Özyılmazel, "Bana Bir Gül Ver" by Edip Akbayram, and "Hop Dedik" by Betül Demir. 55555. (Roe-UK)
- 9930 **UNITED STATES WTWW** Lebanon, TN – 10/4 0015 noted with Christian teaching in English. SIO 545. (Bueneman-MO)
- 9955 **UNITED STATES WRMI** Okeechobee, FL – 10/4 0008 noted with Christian teaching in English. SIO 545. (Bueneman-MO)
- 11600 **PHILIPPINES. FEBC** Manila in CC to FE. YL announcers in Mandarin, Choral singing, possibly a hymn. October 23, 2025, 1435 – 1444. SIO 333.
- 11610 **MADAGASCAR, R. Feda**, 2246, 11-19-25. Man speaking in Arabic with a woman in what sounded like an interview. Fair with noise.
- 11610 **JAPAN. NHK Radio Japan** in JJ to SEA via Yamata. October 21, 2025, 1616 – 1622. SIO 444. OMs in conversation. Moderate QRN, rapid QSB and flutter. (Henley, WA)
- 11625 **JAPAN, NHK World Radio Japan**, 2126, 10-22-25. Man and woman speaking in Japanese followed by music at 2130. Brief talk that may have been an ID followed by brief talk and regional choral music. // on 11965 but JBA. Poor on 11625 with periodic staccato bursts of noise. (Cichorek-NJ)
- 11645 **OMAN, BBC**, 2252, 11-17-25. World service with two men speaking in English but not fully readable. A woman joined the conversation to 2259 with short musical notes and tp's to 2300. ID in English here then broadcast continues from the Philippines. Very poor and noisy. (Cichorek-NJ)
- 11710 **NORTH KOREA Voice of Korea** in FF to NAM. November 16, 2025, 1609 – 1620. SIO 333. Voice of Korea with OM announcer in FF with a long monologue. Moderate QRN / QSB. YL joins at 1612 with a YL singer MX, YL chorus follows at 1616. YL announcer comments between MX pieces as more choral MX follows. (Henley, WA)
- 11760 **CUBA. Radio Habana Cuba** in SS to the Americas. November 16, 2025, 0109 – 0114. SIO 333. OMs with commentary, heavy QRN, steep QSB. This broadcast is listed as EE but was, in fact, in SS. (Henley, WA)
- 11780 **BRAZIL. Radio Nacional da Amazonia** in PP to domestic Brazil. November 16, 2025, 0102 – 0108. SIO 444. Latin MX, Moderate QRN / QSB, decent listening, strong signal. (Henley, WA)
- 11780 **BRASIL Radio Nacional da Amazonia** Portuguese 2220-50 regular blues program Alma Blues, Johnny Be Good at 2230; poor+ (//6180 better) 10/11 (Prodan-ME)
- 11780 **BRAZIL RNA** 11780, UT Fri Nov 21 at 0750, token English new time confirmed on RNA, something about a meeting in Bonn concerning climate, only S3/S5 but // 6180 is JBA. A semihour earlier, no signalson 25m but 6180 was on (Glenn Hauser, OK)

- 11785 **TURKIYE** *Voice of Turkiye*, Emirler, 10/15, 2205. English. Late start with transmitter on at 2205 with news in progress. Feature headed as "The Digital paradox" (about why we need friends more than ever in a digital world). Some Turkish music, including: Hadise "Küçük Bir Yol"; Gökhan Türkmen "Mahşer", and Mustafa Ceceli "Aman". 55444. (Roe-UK)
- 11790 **CHINA** *China Radio Int'l*. 11790, Nov 10 at 2319, English discussion of World Trade Organization. CRI via Xian site to SE Asia listed (Glenn Hauser, OK)
- 11815 **JAPAN.** *NHK Radio Japan* in JJ to SEA. November 6, 2025, 1621 – 1626. SIO 333. OMs in JJ conversation, via Yamata. (Henley, WA)
- 11815 **JAPAN.** *NHK Radio Japan* in Burmese to SEA via Yamata. October 22, 2025, 1446 – 1452. SIO 444. Possible language lesson. Mixed OM / YL announcers. Good signal. Interval signal and interval MX follows. (Henley, WA)
- 11815 **JAPAN.** *NHK Radio Japan* in EE. October 23, 2025, 1427 – 1434. SIO 444. MX and OM announcer. News of Mount Fuji volcanic eruption. Station ID in EE by YL. Interval signal MX. Good signal, easy listening. Target SEA. Program switch to Burmese at 1430. Via Yamata. (Henley, WA)
- 11885 **VIETNAM** *Voice of Vietnam*, Hanoi, 10/11, 1912. English. Hanoi's liberation day reenacted at Hoa Lo prison relic site (talk about revolution in 1954 with comments by participants/witnesses of the time). Weekend music: including Hoang Yen Duong "Ha Noi 12 Mua Hoa" and Phương Vy "Sài Gòn Đẹp Lắm" and a third unknown song (not Shazamable). 45444. (Roe-UK)
- 11900 **INDIA** *Akashvani*, Bengaluru, 11/07, 1930. English/French. An unscheduled English news bulletin heard at 1930. At 1940, there was a brief Hindi announcement and start of an Indian devotional song. At 1941, the transmission cut abruptly to the scheduled French transmission (so English was probably a feed error). 45444. (Roe-UK)
- 11995 **OMAN.** *BBC* Relay in Dari to Afghanistan via A'Seela, Oman. Multiple OMs in Dari conversation. November 6, 2025, 1615 – 1620. SIO 333. YL joins at 1619. (Henley, WA)
- 11995 **OMAN.** *BBC* October 26, 2025, 1519 – 1525. SIO 333. BBC in Pashto to Afghanistan via A'Seela. OMs in conversation, ethnic MX clips. Heavy QRN, steep QSB. (Henley, WA)
- 12160 **UNITED STATES.** *WWCR* 2 religious program. November 1, 2025, 1521 – 1528. SIO 333. OM preacher in EE with fire and brimstone sermon. AMEN! Listed target is NAM. Via Nashville, TN. This preacher sounds drunk and confused. Likely too much sacramental wine. Much congregation participation in the service. AMEN! (Henley, WA)
- 12160 **UNITED STATES.** *WWCR* 2 in EE via Nashville, TN. October 26, 2025, 1511 – 1519. SIO 233. OM preacher with fire and brimstone sermon and bible lesson. Target is NAM. (Henley, WA)
- 13640 **CHINA** *CGTN China Radio Int'l* via Kashgar – 10/17 0145 noted with commentary in English. SIO 323. (Bueneman-MO)
- 13830 **VATICAN CITY STATE** *Vatican Radio*. In Amharic to East Africa. November 16, 2025, 1552 – 1600. SIO 333. OM in Amharic with long monologue. Via Santa Maria di Galeria. Heavy QRN shallow QSB. Ethnic MX clip follows. Off the air at 1600. (Henley, WA)
- 15140 **CUBA** *Radio Habana Cuba* . 15140, Nov 21 at 2006, S9+15/20 of windhowl only into Georgia SDR, instead of English. Something's always wrong at RHC. Other

- frequencies not on: 15230, 13780, 11880; and 11760 with RFI instead (Glenn Hauser, OK)
- 15150 UNITED STATES WMLK Assemblies of Jahweh**, Bethel, PA 1512-18 preaching about Jahweh's Kingdom on Earth & nature of death; fair+ 11/2 (Prodan-ME)
- 15280 INDIA Akashvani** via Bangaluru – 10/28 2350 noted with discussion in Mandarin. SIO 333. (Bueneman-MO)
- 15290 SPAIN, REE**, 2034, 10-22-25. Man and woman with rapid fire talk which may have been a sporting event. Poor and //on15520 good and // on 17715 good. (Cichorek-NJ)
- 15555 UNITED STATES WJHR** Milton, FL 1518-24 hymns with piano & singing, including Amazing Grace; variable fair – poor 11/2 (Prodan-ME)
- 15770 UNITED STATES. Radio Slovakia** relay via WRMI / WYFR in EE to ENAM. November 16, 2025, 0044 – 0050. SIO 444. YL commentator, OM joins at 0046. Discussion of teaching experiences in Slovakia. Moderate QRN / QSB, but listenable. (Henley, WA)
- 15770 UNITED STATES, WRMI**, 2047, 10-22-25. Wavescan program with male host speaking in Russian. Expected this to be in English but HFCC shows this to be in Russian. Full ID for WRMI at 20053 in English. Good (Cichorek-NJ)
- 17715 SPAIN REE** Spanish 1526-32+ 2 m with futbol excitement; good 11/2 (Prodan-ME)
- 17790 ROMANIA [and non] WRMI** . 17790, Nov 20 at 1523, mixture of music from WRMI and talk from Romania, as this collision continues; at least Vatican has escaped a 3-way by moving to 17800 now a JBA carrier. Meanwhile, open frequencies all over the band (Glenn Hauser, OK)
- 21660 FRANCE MiniTransA**. 21660, Nov 20 at 1504, MiniTransAt still on, YL with marine weather in English, heavy accent. Already off at next check 1521, when the OSOB was JBA carrier on 21690, also Issoudun, in Swahili at this hour (Glenn Hauser, OK)

NASWA Facebook Page: Join moderator Richard Murphy < rm271828@gmail.com > at the club's Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members and will not be used to publish loggings, articles, or other materials that would normally appear in The Journal, the NASWA E-group at Groups.io, or the Flashsheet. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, log into your Facebook account and then enter "North American Shortwave Association" into the Facebook search box at the top of the page. If you are into social media, give it a try. 

The following people made contributions to this issue.

The rightmost column is the column key: first letter of column name, except L = Loggings and LN = Listener’s Notebook.

Member	Equipment	Column
Greg MAJEWSKI , Oakdale, CT		P
Mark TAYLOR , Madison, WI		P
Pamela PRODAN , Wilton, ME		L
Eric BUENEMAN , Hazelwood, MO		L
Glenn HAUSER , Enid, OK		L,P
Bill MONTNEY , Monroe, MI		P
Tony PAVICK , Hope, BC		P
Vince HENLEY , Anacortes, WA		L
Rick BARTON , Sun City, AZ		P
Dave TURNICK , Sinking Springs, PA		L
David ROSS , Hamilton, ON		P,Q
Ed CICHOREK , Somerset, NJ		L,P
Alan ROE , Middlesex, UK		L,LN
Rich CUFF , Allentown, PA		LN

Equipment is listed only for new contributors. A year-end summary of all contributors, including their equipment, will be published in the December e-Journal.

Annual Contributors

The following table lists every member who contributed to at least one issue of the Journal in 2025. Thank you for your support! If you would like your listening hardware/software/antennas listed in this annual summary, just email those details to me via rm271828@gmail.com. Note: #Iss = number of issues to which contributions were made.

First Name	Last Name	City	State /Country	#Iss	Equipment
Rick	BARTON	Sun City	AZ	12	SW-2000629 and indoor wire antenna, Drake SW1 & SW8, outdoor long wires & Slinky
Eric	BUENEMAN	Hazelwood	MO	12	SDRplay RSPdx SDR, Apex 303WA-2 vertical, Sangean ATS-803A, 30’ longwire

First Name	Last Name	City	State /Country	#Iss	Equipment
Ed	CICHOREK	Somerset	NJ	12	R5000, R75, SW8, ICF2010 sloper, Signa loop
Rich	CUFF	Allentown	PA	1	
Pedro	de CASTRO	Lorena	Brazil	7	
Carlie	FORSYTHE	Madison	WI	1	
Glenn	HAUSER	Enid	OK	12	NRD-545 with ALA-330S, IC-R75, PL-880, random wires
Vince	HENLEY	Anacortes	WA	12	WinRADiO G39DDCe SDR, ICOM IC-R8600, Ten-Tec RX-340, SDRPLAY RSPdx, TECSUN PL-880. Antennas: whip on PL-880 and Alpha-Delta DX-Ultra
Jim	KEIL	Manchester	NJ	1	
Jerry	LENAMON	Waco	TX	1	
Chris	LOBDELL	Stoneham	MA	1	
Greg	MAJEWSKI	Oakdale	CT	12	Malachite DSP-SDR, 50' end-fed wire w/9:1 transformer
Bill	MONTNEY	Monroe	MI	12	
Tom	MOONINGHAM	Maugansville	MD	1	`
Tony	PAVICK	Hope	BC	11	
Ralph	PERRY	Wheaton	IL	2	
Pamela	PRODAN	Wilton	ME	12	Eton Field BT
Jim	RENFREW	Holley	NY	1	
Dan	ROBINSON	Potomac	MD	1	
Alan	ROE	Teddington	UK	4	WinRadio G32DDS Excalibur/ELAD FDM-SW2, Wellbrook ALA1530LN loop
David	ROSS	Hamilton	ON	12	
Gianni	SERRA	Roma	Italy	12	
Lee	SHACKELFORD	Sacramento	CA	1	
Mark	TAYLOR	Madison	WI	12	Perseus, Elad FDM-SW2, Airspy HF+ dual & Discovery, various portables; W6LVP loops, Welbrook ALA 100 N
David	TURNICK	Sinking Spring	PA	12	

First Name	Last Name	City	State /Country	#Iss	Equipment
Rob	WAGNER	Mount Evelyn	VIC, Australia	4	Yaesu FRG100, FRG-7, Kenwood R5000, Tecsun PL-680, Horizontal Sky Loop 100m long, 30m Delta Loop, 14 MHz Double Bazooka, MFJ-1026 Noise Cancelling Module, ATU
Paul	WALKER	McGrath	AK	4	
Stephen	WOOD	Cape Cod & S. Dennis	MA	1	Icom 7300 w/Myantennas 7510, Perseus SDR w/terminated superloop, Drake R8B

Annual Index

Key: the number in parentheses is the month number of the issue in this year.

Antenna

Wellbrook
(10), 13
(12), 60
(6), 13

Book

WRTH
(1), 4, 29, 30
(10), 4, 38
(11), 5, 33, 34, 37, 39
(12), 21, 32
(2), 20
(3), 10
(4), 22, 31
(5), 30, 31
(6), 22, 30
(7), 36
(8), 4
(9), 29

Broadcaster

ABC (Australian Broadcasting Corp)
(1), 5, 17, 21
(10), 38
(3), 39
(4), 8
(5), 15, 31
(6), 5, 16
(7), 13
(9), 6

BBC

(1), 13, 14, 18, 19, 24, 29, 34, 45, 49
(10), 33, 36, 50
(11), 11, 26, 28, 36, 37, 38, 39, 40, 53
(12), 11, 28, 29, 30, 33, 36, 37, 38, 39, 40, 55, 56,
57
(2), 11, 12, 21, 23, 28, 48, 50
(3), 5, 16, 17, 26, 32, 35, 45, 47, 49
(4), 5, 22, 29, 30, 46, 49
(5), 15, 18, 21, 36, 37, 38, 51, 54
(6), 8, 11, 12, 22, 31, 49, 52, 53
(7), 5, 13, 14, 18, 19, 20, 24, 26, 29
(8), 5, 22, 23, 30
(9), 6, 20, 21, 22, 23, 24, 27, 35, 51, 53, 54, 55

CBC

(1), 13
(2), 13
(6), 8, 12, 49
(9), 6

RFA

(1), 49
(12), 9, 10, 11, 27, 39
(2), 4, 51
(3), 5, 49
(4), 8, 12, 33
(5), 13, 18, 19, 21
(6), 12, 50
(7), 11
(8), 11

VOA

(1), 5, 8, 9, 10, 11, 24, 25, 26, 35, 36, 51
(10), 23, 24, 25, 45
(11), 13, 25, 26
(12), 8, 9, 27, 28
(2), 7, 8, 10, 11, 12, 25, 26, 27, 37, 38, 51
(3), 5, 6, 7, 8, 18, 19, 34, 35
(4), 8, 9, 12, 13, 30, 32
(5), 5, 10, 11, 12, 13, 14, 17, 18, 19, 20, 26, 39, 51
(6), 8, 10, 11, 18, 31
(7), 10, 11, 12, 21, 24, 25, 26, 27, 31, 37
(8), 4, 5, 6, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,
20, 31
(9), 6, 11, 12, 13, 25, 26

Column

Loggings

(1), 44, 53, 55
(10), 45, 56
(11), 55, 57
(12), 59, 75
(2), 4, 47, 57
(3), 44, 56
(4), 44, 57
(5), 48, 57
(6), 47, 55
(7), 51, 57
(8), 45, 55
(9), 49, 60

- Musings
 (1), 5, 53, 55
 (10), 56
 (11), 57
 (12), 75
 (2), 4, 57
 (3), 56
 (4), 4, 6, 57
 (5), 5, 57
 (6), 44, 55
 (7), 50, 57
 (8), 55
 (9), 5, 60
- Correspondence
 eQSL
 (1), 8, 30, 33, 34, 35
 (10), 11, 26, 29, 30, 33, 34, 35, 51, 52, 53, 54
 (11), 10, 31, 32, 35, 36, 46, 47, 48
 (12), 9, 32, 40, 48, 49, 50, 51
 (2), 9, 29, 31, 32, 36, 41
 (3), 27, 31, 34, 35, 38
 (4), 10, 14, 24, 25, 28, 33, 41
 (5), 9, 11, 37, 44
 (6), 10, 25, 27, 31, 44, 45, 46
 (7), 10, 28, 31, 35, 38, 45, 48, 49, 50
 (8), 10, 25, 27, 29, 30, 31, 33, 43, 44, 45
 (9), 28, 30, 31, 32, 34, 35, 36, 43
- QSL
 (1), 4, 27, 30, 31, 32, 33, 35, 55
 (10), 8, 26, 27, 29, 30, 31, 33, 34, 35, 36, 37, 44, 51, 56
 (11), 20, 24, 29, 31, 32, 33, 34, 35, 36, 37, 38, 39, 46, 47, 48, 57
 (12), 26, 30, 31, 33, 34, 35, 37, 38, 40, 48, 75
 (2), 4, 23, 24, 29, 31, 32, 33, 34, 35, 36, 37, 38, 57
 (3), 5, 17, 21, 22, 23, 25, 26, 27, 28, 30, 31, 32, 34, 35, 56
 (4), 4, 6, 14, 15, 17, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 33, 34, 41, 42, 57
 (5), 5, 6, 7, 9, 19, 29, 30, 31, 34, 35, 36, 37, 57
 (6), 19, 20, 23, 24, 25, 27, 28, 30, 31, 32, 34, 38, 44, 55
 (7), 28, 31, 32, 33, 34, 35, 37, 38, 46, 50, 57
 (8), 8, 23, 24, 27, 29, 30, 31, 33, 34, 43, 44, 52, 55
 (9), 4, 7, 8, 10, 27, 30, 31, 32, 34, 35, 36, 44, 57, 60
- Country
 ALASKA
 (1), 26, 46, 47, 48
 (10), 47, 48
 (11), 28, 50, 51
 (12), 29, 54, 55
 (2), 28, 50
 (3), 21, 48
 (4), 22, 46, 47
 (5), 29, 49, 50, 51
 (6), 49, 50
 (7), 27, 53
 (8), 23, 47
 (9), 27, 50, 51, 52
- ALBANIA
 (10), 26
- ALGERIA
 (1), 26
 (2), 28, 54
 (7), 27, 54
 (8), 23, 50
 (9), 27
- ARMENIA (Armenian S.S.R.)
 (12), 29
 (3), 49
 (4), 22
 (8), 23
- ASCENSION ISLAND
 (1), 26, 50
 (11), 28
 (12), 29
 (2), 28
 (3), 21
 (4), 22
 (6), 22
 (9), 27
- AUSTRALIA
 (1), 26
 (10), 26, 49
 (11), 53
 (12), 30
 (2), 28
 (3), 21
 (4), 22, 48, 49
 (5), 29, 52
 (6), 22, 52
 (7), 27
 (8), 24, 49
 (9), 27, 53
- AUSTRIA
 (1), 27
 (10), 26
 (3), 21
 (4), 22
 (5), 30
- AZERBAIJAN (Azerbaijan S.S.R.)
 (11), 28
 (8), 24
- BELARUS (Byelorussian S.S.R.)
 (10), 26
 (12), 30

(8), 24
(9), 27
BOLIVIA
(1), 27
(10), 26
(11), 28
(12), 31
(6), 23
(7), 28
(8), 24
(9), 27
BOTSWANA (Bechuanaland)
(1), 47, 51
(2), 49, 51
(3), 51
BRAZIL
(1), 27, 49
(10), 26, 46, 49
(11), 28, 51, 52
(12), 31, 53, 55, 56
(2), 29, 52
(3), 21, 49, 50
(4), 22, 47, 49
(5), 30, 49, 52
(6), 23, 48, 51
(7), 28, 53
(8), 24, 48
(9), 27, 51, 52
BULGARIA
(1), 27, 45
(10), 27
(2), 29
(3), 23
(4), 24
(5), 31
CANADA
(1), 27, 46
(10), 27, 41, 42
(11), 29, 49
(12), 31, 52
(2), 30, 49
(3), 23, 38
(4), 24, 36, 40
(6), 37
(7), 52, 54
(8), 25, 37
(9), 28, 50
CANADA - NEWFOUNDLAND
(1), 46
CHAD (French Equatorial Africa)
(9), 40
CHINA, PEOPLE'S REP.
(1), 27, 28, 45, 46, 48
(10), 46, 47, 49, 50
(11), 29, 49, 50, 51, 53, 54
(12), 31, 32, 51, 52, 53, 54, 55, 56, 57
(2), 30, 49, 50, 51, 52
(3), 23, 24, 45, 46, 47, 48, 51
(4), 45, 46, 47, 49
(5), 31, 49, 50, 51, 52, 53, 54
(6), 24, 48, 49, 50, 51, 52
(7), 28, 52, 53, 54, 55
(8), 25, 46, 47, 48, 49, 50
(9), 28, 50, 51, 52, 53, 54, 55
COLOMBIA
(11), 30
(12), 32
CONGO
(1), 29
(11), 30
(12), 32
(3), 25
(4), 24
(5), 32
(8), 26
(9), 29
CUBA
(1), 45
(10), 29, 46
(11), 31, 49, 52
(12), 32, 55, 56, 57
(2), 30, 48, 49
(3), 45, 50
(4), 25
(5), 32, 53
(6), 24, 48
(7), 54
(8), 26, 46, 47, 49
(9), 29, 50, 51, 54
DENMARK
(1), 29
(10), 29
(12), 32, 51
(2), 30
(3), 26
(4), 25
(6), 24
(8), 26
ECUADOR
(1), 29, 46
(10), 30
(2), 30
(3), 26
(4), 25
(6), 25
(7), 30

(8), 27
(9), 30
EGYPT
(1), 29, 47
(11), 31
(2), 30
ENGLAND
(1), 29
(10), 30
(11), 31
(12), 33
(2), 31, 51
(3), 26, 47, 50
(4), 39, 46
(7), 30
(8), 27
(9), 30
ESWATINI (Swaziland)
(1), 30
(10), 30
(11), 31, 50
(12), 33
(2), 31
(3), 26
(4), 25
(5), 32
(7), 31
(9), 30
ETHIOPIA
(1), 30
(10), 30
(11), 32
(2), 31
(3), 26, 46
(4), 25
(5), 32
(8), 27
(9), 50
FINLAND
(1), 30
(10), 30
(11), 32
(12), 33
(2), 31
(3), 27
(4), 25
(6), 25
(7), 31
(8), 27
(9), 30
FRANCE
(1), 46, 50
(10), 50
(11), 32, 53
(12), 33, 34, 58
(2), 31, 52, 53
(3), 27, 46, 50, 51
(5), 32, 54
(6), 48, 51, 52
(7), 31
(8), 47
(9), 30
GERMANY, FED. REP.
(1), 30, 31, 48
(10), 30
(11), 32, 49
(12), 33, 51, 52, 55
(2), 32, 48, 50, 54
(3), 27, 51
(4), 26, 45, 47, 50
(5), 32
(6), 25, 52
(7), 32, 55
(8), 27
(9), 30
GUAM
(1), 31
(10), 30, 50
(11), 33
(12), 34
(2), 32, 51
(3), 28, 48
(4), 26
(5), 33, 51, 53
(6), 25
(7), 32
(8), 29
(9), 31, 50, 51
GUATEMALA
(2), 32
(6), 26
HAWAII
(10), 46
(11), 49
(4), 45, 48
(6), 48
HONDURAS
(11), 33
INDIA
(1), 31
(10), 31
(11), 33, 45
(12), 34, 57, 58
(3), 28, 51
(4), 26
(5), 34

(6), 26
(7), 32
(9), 31
IRAN
(1), 32
(10), 32
(2), 32
(3), 30
(4), 27
(5), 35
(7), 33
(8), 37, 50
IRELAND (Eire)
(5), 49
ITALY
(12), 36
(2), 32
(3), 30
(4), 27
(6), 28
JAPAN
(1), 32, 49
(10), 32, 49, 50
(11), 34, 52, 53
(12), 36, 56, 57
(2), 32, 48, 49, 51, 52, 53
(3), 30, 46, 47, 49
(4), 27, 45, 48, 49
(5), 35, 51, 52, 53
(6), 50, 51
(7), 53, 54, 55
(8), 24, 48, 49, 50
(9), 50, 51, 52
KOREA, DEM. PEOPLE'S REP.
(1), 47, 49
(10), 47, 48, 49, 50
(11), 50, 52
(12), 56
(2), 44, 50
(3), 49, 51
(4), 46, 48
(5), 50, 51, 52
(6), 49, 50, 51
(7), 53
(8), 48, 50
(9), 50, 52, 53
KOREA, REP.
(1), 32, 48
(10), 32, 33
(11), 34
(12), 54
(3), 30
(5), 35
(6), 28, 53
(7), 34, 54
(8), 50
(9), 34, 54
KUWAIT
(1), 32
(2), 52
(3), 31
(4), 27, 46
KYRGYZSTAN (Kirghiz S.S.R.)
(12), 36
LIBERIA
(1), 33
(10), 33
(11), 35
(12), 36
(2), 33
(3), 31
(4), 27
(5), 35
(7), 34
(8), 29
(9), 34
LUXEMBOURG
(1), 33
(10), 34
(11), 35
(12), 36, 52, 53
(6), 29
(7), 34
(8), 29
(9), 34
MADAGASCAR
(1), 33, 48, 49, 50
(10), 34, 47, 48, 50
(11), 51, 52, 53
(12), 36, 56
(2), 33, 53, 54
(3), 31, 49, 50
(4), 27, 48, 50
(5), 35
(6), 29, 50, 51, 52
(7), 53
(8), 23, 29, 49
(9), 34, 52, 54, 55
MALAYSIA (Malaya)
(1), 33
(10), 34
(11), 35
(2), 33
(3), 31
(4), 27
(7), 34

(8), 30
(9), 34
MALI (French West Africa)
(1), 33, 48
(10), 34
(11), 35
(2), 33, 54
(3), 31, 48
(4), 48
(5), 49
(8), 30, 46

MEXICO
(1), 33
(10), 35, 36
(11), 35, 49
(12), 37
(2), 34
(3), 31, 46
(4), 28
(6), 30
(7), 34, 52
(8), 30
(9), 34

MOLDOVA (Moldavian S.S.R.)
(11), 35
(5), 36
(6), 30
(7), 35
(8), 30
(9), 34

MONGOLIA
(1), 33
(10), 35
(11), 35
(12), 37
(2), 34
(3), 31
(4), 28
(5), 36
(6), 30
(7), 35
(8), 31
(9), 35

MYANMAR (Burma)
(1), 33
(10), 35
(11), 36
(12), 37
(2), 34
(3), 31
(4), 28
(5), 36
(6), 30

(7), 35
(9), 35
NEPAL
(6), 31
NETHERLANDS
(1), 33
(10), 35
(11), 36
(12), 37
(2), 34
(3), 32
(4), 28
(5), 41
(7), 35
(8), 31
NEW ZEALAND
(1), 34, 47, 50
(10), 35, 46, 47
(11), 50, 51
(12), 37, 53
(2), 35, 49
(3), 47, 51
(4), 28, 46, 48, 49
(5), 36, 49, 54
(6), 51, 53
(7), 35
(8), 31, 46, 47, 48
(9), 35, 50

NIGERIA
(10), 35
(11), 36
(12), 37
(7), 35
(8), 31

NORWAY
(1), 34
(10), 36
(11), 37, 49
(12), 37
(2), 35
(3), 32
(4), 28
(6), 31
(8), 31
(9), 35

OMAN
(1), 34, 49
(10), 36
(11), 37
(12), 37, 56, 57
(2), 35, 50
(3), 32, 49
(4), 49

(6), 31
(9), 35
PALAU (Belau)
(10), 36, 48
(12), 38
(2), 35
(3), 32
(4), 28
(6), 31
(9), 52
PAPUA NEW GUINEA - NEW GUINEA TERR.
(7), 36
PAPUA NEW GUINEA - PAPUA TERR.
(7), 36
PERU
(1), 34
(10), 36
(11), 37
(12), 38
(2), 35, 48
(3), 32
(4), 28
(5), 37
(6), 31
(7), 37
(8), 31
(9), 35
PHILIPPINES
(1), 45, 48, 49
(10), 48
(11), 37, 52
(12), 38, 56
(2), 35, 48, 50, 51, 52, 53
(3), 33, 45, 49, 51
(4), 28, 46, 47, 48, 49
(5), 37, 50, 51, 52, 54
(6), 31, 52
(7), 37, 52
(8), 31
(9), 36, 52, 53
POLAND
(11), 54
ROMANIA
(1), 34, 46, 47
(10), 47
(11), 37, 52
(12), 39, 52, 53, 55, 58
(2), 35, 49, 50, 52, 53, 54
(3), 34, 46, 47, 50
(4), 47
(5), 37, 50, 53
(6), 49, 50, 52
(7), 53, 54, 55
(8), 31
(9), 36, 53
RUSSIAN FED. - EUROPEAN (European R.S.F.S.R.)
(1), 35
(10), 36
(2), 35
(9), 36
SAUDI ARABIA
(1), 51
(3), 51
(4), 49
(5), 53
SEYCHELLES
(2), 36
SLOVAKIA (Czechoslovakia)
(11), 38
SOLOMON ISLANDS
(1), 35
(12), 39
(2), 36
(4), 29
(6), 32
(7), 37
(9), 36
SOMALIA, FED. REP. OF - BRITISH (British Somaliland)
(4), 29
SPAIN
(1), 48, 49, 50, 51
(10), 36, 50
(11), 54
(12), 58
(2), 51, 52, 54
(3), 48, 51
(4), 23, 29, 47
(5), 37, 53, 54
(6), 32, 52
(7), 37, 54
(8), 50
(9), 36, 54
SWAZILAND
(1), 50
SWEDEN
(11), 38
(8), 33
SWITZERLAND
(5), 54
TAIWAN (China)
(1), 35, 46, 48, 50
(10), 37, 47, 48, 50
(11), 38, 51, 52, 54
(12), 39, 55
(2), 36, 50, 51
(3), 34, 46, 48

(5), 50, 51
(6), 49
(7), 53, 54, 55
(8), 33, 47, 50
(9), 50, 51, 52
TAJIKISTAN (Tadzhik S.S.R.)
(10), 37
(11), 38
(12), 39
(3), 34
(4), 29
THAILAND
(1), 35, 47
(2), 36, 53
(3), 34, 51
(4), 30, 46, 48
(5), 37
(6), 32
TURKEY
(1), 39, 40, 45, 49
(10), 37, 48, 49, 50
(11), 38, 51, 52, 54
(12), 39
(2), 50, 51
(3), 34, 45, 51
(4), 30, 49
(5), 37, 53
(6), 50
(7), 53
(8), 33, 47
(9), 36, 51, 52
UNITED ARAB EMIRATES
(1), 35, 49
(10), 37
(11), 38
(12), 39
(2), 37, 52
(3), 34, 49
(4), 31, 49
(5), 37
(6), 32
(7), 37
(8), 33
UNITED ARAB EMIRATES - ABU DHABI
(4), 35
UNITED KINGDOM
(1), 50
(3), 35
(5), 38
(6), 52
(8), 50
(9), 51, 53, 54
UNITED STATES OF AMERICA
(1), 26, 35, 45, 46, 47, 49, 50, 51
(10), 34, 37
(11), 9, 38, 39, 49, 50, 53, 54
(12), 11, 37, 39, 51, 52, 53, 54, 56, 57, 58
(2), 37, 48, 49, 50, 53
(3), 35, 45, 47, 50
(4), 12, 18, 19, 31, 45, 46, 47, 48, 49, 50
(5), 17, 38, 49, 50, 53, 54
(6), 20, 32, 38, 48, 49, 50, 52, 53
(7), 37, 52, 53, 54
(8), 12, 23, 34, 46, 47, 49, 50, 51
(9), 32, 36, 37, 50, 52, 53, 54, 55
UZBEKISTAN (Uzbek S.S.R.)
(10), 37, 48
(11), 39
(12), 40, 55
(2), 37
(3), 48
(4), 33
(7), 53
VANUATU (New Hebrides)
(1), 36
(10), 38
(11), 39
(12), 40
(2), 38
(3), 35
(4), 33
(5), 39, 51
(6), 33
(7), 38
(8), 34
(9), 37, 52
VATICAN CITY
(1), 36, 50, 51
(10), 38, 50
(11), 40, 53, 54
(12), 40, 57
(2), 38, 53, 54
(3), 36, 49, 50
(4), 34, 50
(5), 39, 54
(6), 33
(8), 30, 34
(9), 37
VENEZUELA
(1), 36
(10), 38
(11), 40
(12), 40
(2), 38
(3), 36
(4), 34

- (5), 39
- (6), 33
- (7), 38
- (8), 34
- (9), 38
- VIETNAM
 - (10), 38, 50
 - (11), 40
 - (12), 40, 53, 57
 - (2), 38, 52
 - (4), 34
 - (5), 49, 53
 - (6), 33, 51
 - (7), 38
 - (8), 34, 49
 - (9), 38, 53
- ZAMBIA (Northern Rhodesia)
 - (12), 40
 - (2), 38
 - (3), 36
 - (4), 34
 - (5), 40
 - (8), 34
- Database
 - EiBi
 - (10), 46, 50
 - (3), 46, 49, 50
 - (4), 46
 - (5), 54
 - (6), 52
 - (7), 53
 - (8), 49, 50
 - (9), 51, 54
- Event
 - DXpedition
 - (4), 54
 - (8), 24
- Events
 - Winter SWL Festival
 - (9), 8
- Language
 - Afrikaans
 - (4), 13
 - (6), 21
 - Arabic
 - (1), 31, 32, 49, 50, 51
 - (10), 27, 31, 34, 48
 - (11), 28, 31, 40, 51, 52
 - (12), 33, 34, 35, 36, 56
 - (2), 30, 33, 36, 38, 52, 54
 - (3), 20, 28, 50, 51
 - (4), 13, 26, 29, 48, 49, 50
 - (5), 15, 32, 34, 35
 - (6), 26, 27, 28, 33, 50
 - Chinese
 - (7), 21, 27, 31, 54
 - (9), 21, 23, 27, 31, 32, 52, 54
 - (1), 28, 31, 32, 35, 50
 - (10), 38, 46, 48, 49, 50
 - (11), 13, 20, 24, 29, 30, 34, 35, 36, 37, 52, 54
 - (12), 10, 21, 29, 31, 32, 35, 36, 51, 56
 - (2), 4, 30, 33, 49, 50, 51, 53
 - (3), 5, 12, 23, 24, 28, 29, 47, 48, 49, 51
 - (4), 22, 45, 46, 48
 - (5), 15, 21, 29, 35, 37, 49, 52, 53, 54
 - (6), 13, 24, 27, 28, 29, 33, 49, 51
 - (7), 26, 27, 28, 29, 30, 39, 52, 53, 55
 - (8), 5, 10, 12, 13, 14, 15, 25
 - (9), 9, 13, 27, 28, 31, 32, 36, 38, 52, 53, 54, 55
 - English
 - (1), 7, 18, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 45, 46, 47, 48, 49, 50, 51
 - (10), 10, 19, 27, 29, 30, 32, 34, 35, 36, 38, 46, 47, 49
 - (11), 7, 9, 11, 13, 21, 28, 29, 31, 32, 33, 34, 35, 36, 37, 38, 49, 50, 52, 53, 54
 - (12), 8, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 51, 52, 53, 54, 55, 56, 57, 58
 - (2), 6, 7, 8, 14, 18, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 48, 49, 50, 51, 52, 54
 - (3), 5, 13, 17, 20, 22, 23, 24, 26, 27, 28, 29, 30, 31, 32, 33, 34, 36, 38, 45, 47, 48, 49, 51
 - (4), 5, 12, 13, 22, 24, 25, 27, 28, 29, 30, 31, 33, 34, 40, 45, 47, 48, 49
 - (5), 22, 29, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 49, 51, 52, 53, 54
 - (6), 11, 20, 21, 22, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 35, 48, 50, 51, 52, 53
 - (7), 7, 13, 20, 23, 27, 31, 33, 34, 35, 38, 54, 55
 - (8), 12, 14, 22, 24, 25, 26, 27, 29, 30, 31, 34, 42, 46, 47, 48, 50
 - (9), 5, 6, 22, 27, 28, 29, 30, 31, 32, 34, 35, 36, 37, 38, 45, 50, 51, 52, 53, 54
 - French
 - (1), 18, 31, 32, 33, 34, 36, 47, 48, 50, 51
 - (10), 31, 33, 50
 - (11), 7, 11, 21, 32, 33, 35, 37, 38, 40, 50, 53, 54
 - (12), 24, 33, 34, 35, 36, 53, 55, 57
 - (2), 28, 30, 31, 32, 33, 37, 38, 52, 53
 - (3), 20, 21, 30, 50
 - (4), 13, 22, 26, 34, 40
 - (5), 12, 21, 32, 33, 34, 49, 50, 53, 54
 - (6), 25, 27, 28, 29, 33, 52
 - (7), 7, 27, 31, 32, 33, 34, 54
 - (8), 23, 26, 34, 46, 48
 - (9), 4, 10, 22, 27, 29, 31, 32, 34, 36, 53, 54, 55
 - German

- (1), 30, 32, 45
 (10), 10, 16, 30, 33, 37
 (11), 7, 11, 21, 32, 34, 35
 (12), 33, 35, 36
 (2), 29, 30, 32
 (3), 9, 14, 20, 21, 27, 28, 38
 (4), 22, 26, 33, 49
 (5), 30, 33, 34, 41, 42, 54
 (6), 20, 21, 28, 29, 35
 (7), 23, 34
 (8), 15, 28, 29, 34, 42, 50
 (9), 34, 45, 52
- Hausa
 (11), 39
 (12), 30
 (2), 28, 31, 32
 (3), 26, 27
 (5), 33
 (6), 22, 25
 (7), 32
 (8), 14, 50
 (9), 28
- Hindi
 (1), 31
 (10), 50
 (11), 52
 (12), 30, 34, 35, 36, 57
 (2), 28
 (3), 28, 48, 51
 (5), 29, 34
 (6), 22, 26, 27, 29, 30, 33
 (7), 55
 (9), 31
- Italian
 (11), 17, 18, 19, 20, 21
 (12), 54
 (2), 30, 32
 (3), 30, 41
 (4), 27, 40
 (6), 28, 32, 33
 (9), 37
- Japanese
 (1), 18, 28, 31, 32, 35, 42, 46
 (10), 28, 35, 36, 49
 (11), 36, 51, 53
 (12), 15, 38, 56
 (2), 28, 30, 32, 33, 34, 48, 49, 51, 52, 53
 (3), 12, 27, 31, 33, 34, 45, 46, 47, 49
 (4), 17, 45, 48
 (5), 29, 37, 52, 53
 (6), 28, 30, 48, 50
 (7), 35
 (8), 24, 31, 49
- (9), 30, 35, 50, 51, 52
- Korean
 (1), 7, 28, 29, 31, 32, 38, 48
 (10), 25, 28, 29, 30, 31, 33, 37, 38, 46, 49
 (11), 29, 30, 34, 38, 49, 51
 (12), 34, 36, 40
 (2), 4, 5, 28, 32, 37, 44, 51
 (3), 5, 25, 28, 34, 45, 46, 48, 49, 51
 (4), 26, 28, 30, 35, 48
 (5), 19, 29, 32, 34, 51
 (6), 12, 26, 28, 48
 (7), 30, 31, 53
 (8), 11, 15, 33
 (9), 13, 26, 29, 31, 50, 51, 52, 53
- Portuguese
 (1), 36, 48, 49
 (10), 20, 27, 37
 (11), 21, 29, 32, 40, 51, 52
 (12), 31, 53, 55, 56
 (2), 29, 30, 33, 52, 53
 (3), 20, 22, 49, 50
 (4), 49
 (5), 31, 32, 36, 49, 52
 (6), 23, 24, 33, 48, 50, 51
 (7), 28, 35, 53
 (8), 25, 48
 (9), 4, 10, 27, 37, 51, 52
- Russian
 (1), 30, 32, 38, 39
 (10), 26, 30
 (11), 7, 20, 21, 31, 34
 (12), 9, 29, 30, 36, 40, 58
 (2), 11, 30, 33, 35, 41, 52
 (3), 13, 27, 40, 42, 48
 (4), 29, 31
 (5), 15, 18, 29, 36, 37
 (6), 28, 30, 33
 (7), 14, 38
 (8), 10, 15, 23, 24, 35, 47
 (9), 5, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 51
- Spanish
 (1), 18, 28, 29, 32, 34, 36, 45, 46, 48, 49, 50
 (10), 19, 20, 29, 30, 33, 35, 36, 38, 46, 47, 50
 (11), 7, 9, 21, 30, 31, 32, 35, 37, 40, 49, 51, 54
 (12), 8, 21, 32, 34, 37, 38, 39, 40, 52, 53, 58
 (2), 30, 33, 34, 35, 38, 48, 51, 52, 54
 (3), 5, 20, 26, 32, 36, 45, 51
 (4), 13, 22, 25, 28, 29, 34, 47
 (5), 24, 32, 36, 37, 39, 52, 53
 (6), 24, 25, 28, 30, 31, 33, 48, 51, 52
 (7), 30, 34, 37, 38, 42, 53, 54
 (8), 7, 26, 27, 30, 31, 34, 38, 42, 47, 48, 49

- (9), 4, 10, 23, 29, 30, 34, 35, 36, 38, 51, 53, 54
- Swahili
 - (1), 31
 - (12), 35, 37, 58
 - (2), 31, 32, 53
 - (3), 50
 - (4), 27
 - (5), 54
 - (6), 27
 - (7), 32
 - (8), 30
 - (9), 27, 31
- Turkish
 - (10), 28, 37, 48, 50
 - (11), 21, 28, 38, 51, 52, 53, 54
 - (12), 39, 53, 56, 57
 - (2), 30, 50, 51
 - (3), 49, 51
 - (4), 25, 30
 - (5), 53
 - (6), 50
 - (7), 53
 - (9), 28
- Urdu
 - (12), 36
 - (2), 29
 - (5), 29, 52
 - (6), 30
- Mode
- AM
 - (1), 14, 15, 16, 37, 38, 39, 40, 41, 42
 - (10), 14, 15, 17, 26, 40, 41, 42, 43, 44, 51, 52, 53, 54
 - (11), 4, 5, 14, 15, 16, 17, 22, 33, 42, 43, 44, 45, 46, 47, 48
 - (12), 5, 12, 14, 21, 33, 34, 35, 37, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51
 - (2), 19, 20, 39, 40, 41, 42, 43, 44
 - (3), 14, 15, 27, 32, 37, 38, 39, 40, 41, 42, 43
 - (4), 24, 26, 35, 36, 37, 38, 39, 40, 41, 51, 52
 - (5), 7, 25, 27, 28, 30, 36, 41, 42, 43, 44, 45, 46, 47
 - (6), 5, 7, 14, 16, 18, 22, 23, 35, 36, 37, 38, 39, 40, 41, 42, 44, 45, 46
 - (7), 16, 28, 35, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 52
 - (8), 6, 7, 15, 31, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
 - (9), 15, 27, 35, 39, 40, 41, 42, 43, 44, 45, 46
- DRM
 - (1), 27, 31, 34
 - (10), 21, 45
 - (11), 36
 - (12), 22, 34, 37, 39
- (2), 5, 13, 14, 15
- (3), 5, 15, 16
- (4), 24, 26
- (5), 5, 14, 16, 17, 36, 39
- (7), 8, 29, 31, 35
- (8), 31, 32, 33
- (9), 35
- FM
 - (1), 12, 13, 14, 15, 16, 20, 21, 26, 29, 32, 33, 37, 42, 43
 - (10), 13, 16, 17, 22, 27, 34, 40
 - (11), 4, 6, 12, 13, 22, 28, 35
 - (12), 5, 14, 20, 41, 42, 46, 47
 - (2), 19, 20, 28, 33
 - (3), 14, 15, 23, 31, 33, 38, 39, 43
 - (4), 6, 20, 21, 22, 24, 27, 29, 41, 51, 52, 53
 - (5), 16, 19, 22, 24, 25, 26, 30, 32, 36, 47
 - (6), 4, 5, 14, 15, 16, 20, 21, 22, 28, 30, 38, 42, 43
 - (7), 16, 18, 26, 27, 28, 34, 35, 36, 49, 54
 - (8), 6, 23, 30, 31, 34, 36, 42
 - (9), 9, 15, 26, 27, 29, 33, 34, 47, 48
- LSB
 - (10), 41, 53
 - (11), 42, 44, 45, 47
 - (12), 45, 46, 50, 51
 - (3), 39, 43
 - (4), 40
 - (5), 27, 42
 - (6), 31
 - (7), 40
 - (8), 40, 42
 - (9), 44
- SSB
 - (1), 13
 - (11), 27, 34
 - (3), 14, 20
 - (4), 40
 - (5), 27, 28
 - (9), 26
- USB
 - (1), 17, 37, 38, 39, 40, 41, 42, 46, 47
 - (10), 40, 41, 42, 43, 44, 51, 52, 53, 54
 - (11), 42, 43, 44, 45, 46, 47, 48, 49, 54
 - (12), 42, 43, 44, 45, 46, 47, 48, 49, 50, 51
 - (2), 40, 41, 42, 43, 44
 - (3), 37, 38, 39, 40, 41, 42, 43
 - (4), 29, 35, 36, 37, 38, 39, 40, 41
 - (5), 27, 40, 41, 42, 43, 44, 45, 46, 47, 49
 - (6), 35, 36, 37, 38, 39, 40, 41, 42, 44, 45, 46, 53
 - (7), 27, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 54
 - (8), 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 49
 - (9), 39, 40, 41, 42, 43, 44, 45, 46, 47

Organization
 ANARC
 (9), 4, 8, 9
 CIDX
 (4), 5, 41
 EDXC
 (11), 4
 (4), 5
 (6), 4
 HFCC
 (1), 28
 (10), 31, 46
 (11), 31, 32, 53
 (12), 21, 22, 33, 51, 58
 (2), 30, 38
 (5), 29, 32, 37, 40, 54
 (6), 24
 (7), 34, 37
 (8), 26
 (9), 54
 ITU
 (3), 15
 NASB
 (4), 32
 NASWA
 (1), 5, 6, 12, 24, 51, 52, 53, 55
 (10), 5, 6, 7, 12, 24, 25, 56
 (11), 6, 7, 9, 12, 26, 27, 57
 (12), 6, 75
 (2), 5, 6, 19, 25, 54, 57
 (3), 4, 5, 7, 8, 9, 17, 47, 52, 53, 54, 56
 (4), 4, 5, 7, 13, 41, 51, 57
 (5), 4, 5, 6, 7, 26, 40, 57
 (6), 4, 5, 11, 14, 44, 55
 (7), 6, 27, 57
 (8), 5, 51, 52, 55
 (9), 4, 5, 9, 11, 12, 25, 55, 56, 57, 58, 60
 Publication
 Flashsheet
 (1), 55
 (10), 56
 (11), 57
 (12), 75
 (2), 4, 57
 (3), 52, 56
 (4), 57
 (5), 57
 (6), 4, 55
 (7), 4, 57
 (8), 4, 55
 (9), 4, 60
 FRIENDX
 (4), 4
 Messenger
 (2), 22
 (6), 49
 (8), 24
 Receiver
 Drake
 (10), 48
 (11), 49
 (12), 59, 61
 (2), 51, 53
 (3), 51
 (4), 52
 (5), 26, 54
 (6), 50
 (8), 18
 (9), 52, 53
 Perseus
 (12), 60, 61
 (3), 29
 (6), 29
 (7), 29
 SDR
 (1), 8, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 48
 (10), 11, 29, 30, 32, 38
 (11), 4, 6, 10, 12, 29, 31, 32, 33, 34, 36, 43, 52
 (12), 5, 6, 9, 12, 13, 14, 21, 30, 35, 37, 38, 39, 40,
 51, 57, 59, 60, 61
 (2), 5, 9, 13, 18, 19, 20, 21, 23, 24, 30, 31, 32, 34,
 36, 38, 39
 (3), 17, 28, 29, 30, 32, 33, 36
 (4), 10, 14, 15, 16, 17, 25, 26, 28, 29, 41, 42, 47, 52,
 54
 (5), 6, 7, 9, 10, 11, 30, 35, 37, 52, 54
 (6), 10, 14, 22, 23, 24, 28, 29, 30, 31, 33
 (7), 10, 27, 28, 29, 33, 34, 35, 38
 (8), 9, 10, 24, 26, 29, 30, 31, 46, 49
 (9), 28, 29, 32, 33, 34, 35, 36
 WinRadio
 (12), 60
 Signal reporting
 SINPO
 (3), 35
 (4), 16, 41
 Station
 WWV
 (10), 46
 (11), 39, 49
 (12), 40
 (2), 48
 (3), 50
 (4), 45, 48, 50
 (6), 36, 48
 (8), 50
 WWVH
 (10), 46

(11), 39, 49
(2), 48
(4), 45, 48
(6), 48
(8), 50
Station type
Clandestine
(1), 46, 48, 51
(10), 47
(11), 51
(12), 55
(2), 51
(3), 46, 48, 50
(4), 50
(5), 50, 51
(6), 49
(7), 53, 54
(8), 47
(9), 4, 7, 9, 10, 50
Jammer
(11), 49, 50
(8), 49
Pirate

(1), 37, 55
(10), 5, 26, 39, 40, 53, 56
(11), 6, 41, 57
(12), 5, 41, 42, 47, 49, 75
(2), 5, 39, 44, 45, 57
(3), 5, 17, 37, 56
(4), 5, 6, 34, 35, 41, 57
(5), 40, 42, 43, 47, 57
(6), 5, 35, 37, 41, 42, 55
(7), 5, 39, 43, 47, 57
(8), 5, 8, 35, 36, 55
(9), 5, 38, 39, 41, 42, 44, 47, 60
Relay
(1), 40
(10), 53
(11), 37, 41
(12), 29, 33, 36, 37, 39, 40, 57
(2), 43
(3), 39, 40
(4), 5, 37
(5), 44
(8), 36

Executive Director: Richard A. D'Angelo, 13210 Petrel St. #3407, Clarksburg, MD 20871

Publisher/Business Manager/website: Richard Cuff, P. O. Box 3292, Allentown, PA 18106-0292

Executive Council: Jerry Berg, Ralph Brandi, Richard Cuff, Rich D'Angelo, John Figliozzi

EDITORIAL STAFF

NASWA Notes: Richard A. D'Angelo, 13210 Petrel St. #3407, Clarksburg, MD 20871

Musings: Chris Lobdell, Box 80146, Stoneham, MA 02180-0146

Shortwave Program Spotlight: Bill Tilford, 809 S. 20th St., Lafayette, IN 47905-1551

Shortwave Center: John Figliozzi, 45 Algonquin Rd., Clifton Park, NY 12065-7703

NASWA Awards: Gary R. Neal, P.O. Box 445, San Marcos, TX 78667-0445

Listener's Notebook: Richard A. D'Angelo, 13210 Petrel St. #3407, Clarksburg, MD 20871

Pirate Radio Report: Brian Penney, 30 Acorn Way, Brewster, MA 02631-2659

QSL Report: Chris Lobdell, Box 80146, Stoneham, MA 02180-0146

The Robinson Report: Dan Robinson, 11700 Charen Lane, Potomac, MD 20854

Editors emeritus: Jerry Berg, Jerry Alice Lineback, Sam Barto

Scoreboard: Gary R. Neal, P.O. Box 445, San Marcos, TX 78667-0445

International Broadcasting: Kim Andrew Elliott, 5001 25th Street North, Arlington, VA 22207-2622

Loggings: Dave Turnick, 372 Spohn Rd., Sinking Spring, PA 19608-1737

NASWA Flashsheet: Mark Taylor, 1114 Ellen Ave., Madison, WI 53716-1535

Desktop Publishing/Graphics/IT support: Richard Murphy, 1342 Oak Path, San Antonio, TX 78258-1935

Layout Co-editor: Chris Lobdell, Box 80146, Stoneham, MA 02180-0146

Cover Art/Design/Club archives: John Herkimer, 1090 Cunningham Dr., Victor, NY 14564-9512

JOURNAL ISSN: 0160-1989

MEMBERSHIP FEES:

United States (First Class Mail)	\$32.00
Canada (First Class Mail)	\$43.00
Overseas (U. S. Air Mail)	\$54.00
e-Journal	\$15.00

All remittances must be in U.S. funds and may be mailed to:

NASWA

P. O. Box 3292

Allentown, PA 18106-0292

U.S.A.

Paypal is also accepted. Contact hq@naswa.net.