

# The **NASA** Journal

VOLUME LXIII NUMBER 2

FEBRUARY 2023

## THE BRITISH BROADCASTING CORPORATION SOUTH ATLANTIC RELAY STATION

CABLES: BROADCASTS ASCENSION

c/o ASCENSION A.A.F.B.,  
PATRICK A.F.B.,  
FLORIDA,  
U.S.A.



THE BRITISH BROADCASTING CORPORATION  
BUSH HOUSE  
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### BBC ATLANTIC RELAY

Thank you for your report upon the reception of our transmissions which is in accordance with our schedule.

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Yours sincerely,

Chief Engineer, External Broadcasting



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## WORLD RADIO TV HANDBOOK 2023

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, plus articles and more. Printed in England by Radio Data Center of Germany. 77<sup>th</sup> Edition. ©2023.

Order #0203 ..... \$39.95



## 2023 SHORTWAVE FREQUENCY GUIDE

By J. Klingenfuss. This guide has 4,190 shortwave broadcast listings by frequency and includes 9,307 abbreviated entries from *Guide to Utility Stations 2023-24*. You get great coverage of broadcast and utility stations in one up-to-date book! 27<sup>th</sup> Ed. ©2022. 340 p.

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CD version also available. Please see our website.



## 2023/2024 GUIDE TO UTILITY RADIO STATIONS

By J. Klingenfuss. The world's biggest and best guide to non-broadcast stations in the range of 0-0.15 and 1.6-30 MHz. With 9,000 listings in aero, maritime, military, diplomatic, time stations and more. Covers SSB, CW, AM and exhaustive RTTY. Highly recommended. 32<sup>nd</sup> Edition 550 pages. ©December 2022.

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## WORLDWIDE LISTENING GUIDE

By J. Figliozzi. Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this book covers all of today's formats: live on-demand, podcast, satellite, internet, digital, analog, AM, FM, shortwave and w-f. Learn what can be heard how, where and when! Spiral bound 9th Ed. 192 p. ©2019.

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## SHORTWAVE RECEIVERS PAST & PRESENT

By F. Osterman. A comprehensive guide to over 1700 shortwave, amateur and commercial communications receivers (plus 1200 variants) made in the last 70 years. With 1800 photos and information including: coverage, circuit, display, features, performance, new & used values (for most), reviews, etc. Over 380 manufacturers are represented. Become an Instant receiver expert. Hard bound Fourth Ed. Second Printing. ©2014 URR. 800 p.

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Please see inside back cover



## TUBE TYPE TRANSMITTERS 1920-1980

E. Rippen WB6SZS. A wonderful compendium of tube transmitters, amps, transceivers and accessories made from 1920 to 1980. Over 982 illustrations. Most in black and white, but some color. Indices for make, model to page, year, finals and finals to make, model and year. Second Ed. ©2011 Rippen. 345 p. List \$29.95.

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Underground Illegal Broadcasting By Yoder. A behind the scenes look at the incredible saga of America's underground, illegal broadcasters. From early pirate broadcasting to today's pirates. It's all here. The included audio CD features fascinating recordings from some of the most famous, infamous and notorious pirate stations. ©1995 HighText. 326 p.

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## JOE CARR'S LOOP ANTENNA HANDBOOK

By Joe Carr. Here is a comprehensive, but readable guide to understanding and building loops for longwave, medium wave, shortwave and VHF. Loop antennas can be very effective, even if you have limited space and a tight budget. Includes many diagrams and illustrations. URR ©1999 133 p. List \$19.95.

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## LISTENING TO LONGWAVE - THE WORLD BELOW 500 KHZ

By K. Carey. Your introduction to the fascinating basement band of the radio spectrum. Includes: who is on the air, LW reception equipment, listening tips, sounds of nature: Whistlers, Tweaks, Dawn Chorus and other radio atmospheric, navigation beacons, time stations, broadcasters, NAVTEX and Lowfer band. ©2007 Unk. Radio. 98 p.

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## KING OF THE SATELLITES SIX FIVE O

By Thomas Baler. The famous 650 was the King of the Satellite line. Author Baler, draws from his sources in Germany to cover this famous receiver. Over 100 pictures are featured in this 80 page book. Learn about variants, production numbers, disassembly, adjustments, bulb replacement and more. The Owner's Manual and schematic are also reproduced.

Order #0050 ..... \$22.95

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# NASA Notes

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Over the last several months, your club has had some problems distributing the Journal on a timely basis. We deserve an "F" for the paper delivery. While we have managed a little better with the PDF version, it was still below the standards we set out each year when making up our editorial schedule. Our goal is to catch up quickly and stay on schedule. We thank you for being patient with us as we struggled. If for any reason you are not receiving the Journal feel free to contact myself, Richard Murphy (rm271828@gmail.com) and/or Rich Cuff (hq@naswa.net) at headquarters. E-mails to all three of us is much better than just selecting one person to get your message. Check out the final pages of this month's bulletin for an announcement and registration information for the 2023 virtual Winter SWL Festival on March 4, 2023.

From Anker Petersen in Denmark, we learn that the 2002 Tropical Band Monitor ("TBM") is available for free online at [www.dswci.org](http://www.dswci.org). The Tropical Band Monitor which has always been an important tool for me over the years particularly during our French Creek State Park DXpeditions. Of course, it has been several years since we last attempted such a DXpedition but I certainly hope one is in my future. The TBM is a valuable DX resource indicating activity stations remaining on our beloved tropical band spectrum. The TBM uses an  to indicate that the station has been reported heard in 2022 by a DXer during the month marked. Unmarked months mean

that no DXer has reported this station as heard, but not necessarily, that it was off the air. You may also look at the TBM for all 12 months of 2005-2021 at [www.dswci.org](http://www.dswci.org) in the TBM Archive.

On the morning of January 8, 2022, Arnie Coro of Radio Havana Cuba passed away in a hospital in the capital at the age of 80 due to complications from chronic illnesses he suffered. Coro began his interest in radio with a gift from his father, a coil with a galena stone and headphones to listen to the stations. At just 12 years old, he joined the then Radio Club de Cuba, the association that at the end of the 50s brought together radio amateurs in the capital. As a journalist, he collaborated with the written press and with the radio, his greatest passion. The first one recalls his section on science in Juventud Rebelde newspaper and the articles in the magazine Juventud Técnica in which he was also one of the advisors. On the radio he was until his death a member of the team of the Radio Habana Cuba radio station and his program DXers Unlimited, in English, was highly appreciated, from where he received abundant correspondence. Many foreign colleagues knew Arnaldo Coro Antich as Arnie Coro. He also had sections on science and technology in programs on Radio Progreso, Radio Taino and Radio Metropolitana. Since its foundation in 1966, he was a member of the Cuban Radio Amateurs Federation, and an active member in technical commissions and other

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## Unity and Friendship

positions, always looking for solutions to technical problems. He was an active contributor to other rounds such as the "Rueda Huracan" (Hurricane Net) and the "Encuentro Capitalino" (Capital Meeting) where he made available his knowledge about solar activity and propagation, one of his favorite topics and of which he was a true connoisseur. Another subject to which he dedicated special interest, time and efforts was that of emergency communications by radio amateurs. His radio station was always ready to seek and share information during emergencies and disasters in his country and the region. At the time of his death, he was the Emergency Coordinator for Area C of Region 2 of the International Amateur Radio Union.

From the new World Radio Television Handbook ("WRTH") Editorial Team we learned on January 14th that the 2023 WRTH was at their printer and the production had started. The editorial team has been very busy and they are proud to say you can expect even more pages of reading fun, to be exact 848 pages, filled with information. I know Universal Radio is taking orders (\$39.95 plus shipping) and presumably Amazon will be taking them too.

Here is a reminder from Gayle Van Horne and Teak Publishing Company that the 19th Edition of the *Global Radio Guide* (Winter 2022-23) is available with 904 pages of news, features, columns and the 24-hour schedule listings. Gayle's bestselling *Global Radio Guide* as it has all of the details you need to catch up with the latest hot spots around the world. As one of the only remaining publications available with international broadcast frequencies and schedules, the *Global Radio Guide* (GRG) puts everything a radio enthusiast needs to navigate the action right in their hands. The 19th edition of the *Global Radio Guide* e-book (electronic book only, no print edition available) is available

worldwide from Amazon. The price for this latest edition is US\$8.99. Since this book is being released internationally, Amazon customers in the United Kingdom, Germany, France Spain, Italy, Japan, India, Canada, Brazil, Mexico and Australia can order this e-book from Amazon websites directly servicing these countries. Customers in all other countries can use the regular Amazon.com website to purchase this e-book.


This month John Herkimer's cover design takes us to the BBC Ascension. The BBC Atlantic Relay Station on Ascension Islands was installed in 1966 to improve World Service coverage to Africa and South America. Today, the station typically transmits around 1800 hours of program each month on shortwave while the management and operation of the station is done by Encompass Digital Media on behalf of the BBC. Thanks to John for not only the cover art but for the interesting background information.

Shortwave Center, edited by John Figliozzi, touches on the future of radio through the eyes of the British Broadcasting Corporation. BBC Director General Tim Davie shares his thoughts on a future internet-only BBC that appeared Radio Today magazine. As John notes "Given the impact that the BBC has had and continues to have on shortwave, as well as the fact that it has served as bellwether and trendsetter for the direction of the technology and platform, this month's Shortwave Center is given over to a very important speech Tim Davie made back in December that outlines his perception of the direction the BBC will pursue in future."

Finally, Aungthu Schlenker from Radio Free Asia ("RFA") announced QSL Card #81 recognizing the Year of the Rabbit. RFA is closing out an historic year of reporting and growth, during which they began broadening

their programming and storytelling capacity, as well as updating technological infrastructure. RFA encourages listeners to submit reception reports. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions not only from DX'ers, but also from our general listening audience. Reception reports are accepted by

email at [qsl@rfa.org](mailto:qsl@rfa.org) and by mail to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036.

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

# Musings

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*Please e-mail your Musings, preferably as MS Word attachments, to [jalinebk@gmail.com](mailto:jalinebk@gmail.com) or mail (early) to Jerry Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. The deadline for the March 2023 issue is February 22, 2023.*

**Jerry Alice Lineback, [jalinebk@gmail.com](mailto:jalinebk@gmail.com), Paradise, CA 95969**

Sorry about missing last month, holiday visitors and a touch of flu. My antennas are back up and working fine. Please contribute to Musings.

73, Jerry Alice

**Richard Murphy, [rm271828@gmail.com](mailto:rm271828@gmail.com), San Antonio TX & Alto NM**

## The DXepedition That Wasn't

My wife and I have occasionally traveled to places that were full of shortwave stations back when I started in the hobby in the late 1960s. I do not recall exactly when I bought an Eton E10 with the hope that I could take this little portable along on a trip and hear stations that would be very hard to receive in Texas or New Mexico. My first attempt was on a trip to Gili Air, a small island in Indonesia between Bali and Lombok. I was really into the regional Indonesian stations back then. I still have a copy of the NASWA reception report form in Bahasa Indonesia, which I used with some success. Unfortunately, the few times I fired up the E10, I received a wall of static, which I attributed to the hotel's electric bug-zapper outside of my room.

I was better prepared for our trip to Vietnam in late October of 2022. Here, I would be trying for stations from Myanmar, Bhutan, and maybe even Norfolk Island. I made sure all the hotel room LED lighting and other RFI generators were off before I fired up the E10 once again. Once again, only a wall of static on all bands. Here in Texas, I could get WWV and a few other stateside stations on the receiver, so I knew it worked at one time. My conclusion is that the E10 is junk. As I am not willing to travel with a laptop computer, my SDR, and even a small

loop antenna (too many security hassles), I think my DXpedition attempts are over. I will listen vicariously via Eric Bueneman's trips around Missouri!

73, Richard

*Good wintertime DX, please contribute.*

# Listening Review

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*Alan is on holiday and Listening Review will return next month.*

# International Broadcasting

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## RFE/RL's January of publicity

Radio Free Europe/Radio Liberty had a very good January of publicity. It started with a CBS 60 Minutes segment on January 1, with Bill Whitaker reporting ([t.ly/N\\_em](https://t.ly/N_em)). The report discussed the history of RFE and RL and their covert CIA funding. Most of the feature examined RFE/RL's activities now in Ukraine and Russia. The president of RFE/RL, Jamie Fly, explained that most of RFE/RL's audience now uses online video, despite the "Radio" in its names. In fact, he acknowledged that RFE/RL may consider changing its name.

Bill Whitakre also interviewed (online only: [t.ly/RLJg](https://t.ly/RLJg)) Mark Pomar, a former executive of RFE/RL and VOA, and author of the new book *Cold War Radio*. Pomar repeated the time-worn but never very true explanation that RFE and RL were unique in focusing on news about their target countries. Actually, *most*

successful international broadcasting gives its audiences news about their own countries that is more credible and comprehensive than what they receive from their state-controlled domestic media. BBC did this for Europe during World War II, and for much of the rest of the world since WWII. VOA served a similar role in Africa, China, Iran, and many other places.

What is unique about RFE/RL, and later Radio Free Asia, is that their missions mandate an incomplete news service: no world news and no news about the originating country (i.e. the USA). Almost all the news is about the target country, and almost all of that is bad news about the target country, a situation that could generate some skepticism among the audience. VOA also reports bad news about Russia (or China, etc), but in addition, when

it happens, reports bad news about the USA. It's more like real news, complete news, less likely to have an ulterior motive.

## **Good publicity part II: New York Times**

RFE/RL's second publicity coup of January is a New York Times story on January 24: "Russia's War Breathes New Life Into a Cold War Symbol." It's by Matina Stevis-Gridneff, NYT Brussels (EU) bureau chief, reporting for this story from Prague, location of RFE/RL's headquarters. The NY Times piece dug even deeper into RFE/RL's CIA history. This includes mention of "Glória," the Netflix spy thriller about the Cold War-era RFE transmitter site in Portugal.

"Until 1971, Radio Free Europe was a covert U.S. intelligence operation seeking to penetrate the Iron Curtain and foment anti-communist dissent in what was then Czechoslovakia, in Poland and elsewhere. The C.I.A. stopped funding Radio Free Europe when its operation was revealed. Since then, the news organization has been funded by the United States Congress and has had editorial independence."

Well, that description is a bit too neat. The CIA funding was not "revealed" in 1971, but had been an open secret for decades. "Editorial independence" may have been more to allow RFE/RL to be more blunt in its anticommunism than US diplomacy would have preferred. Journalistic independence did not fully develop until the establishment of the Broadcasting Board of Governors "firewall" in 1995. Language in the National Defense Authorization Act for Fiscal Year 2017 re-politicized the US Agency for Global Media, successor to BBG. Now editorial independence is much more precarious, depending on who is President, who appoints the CEO of USAGM, who in turn appoints the president of RFE/RL and the heads of the other USAGM entities.

## **The usual big audience numbers**

"According the RFE/RL, Russia's invasion of Ukraine has brought in new audiences, despite the fact that its engineers have to work constantly to get ahead of censors by finding new ways to circumvent prohibitions in Russia and elsewhere. In the first week of Russia's invasion of Ukraine, traffic to RFE/RL websites almost tripled to nearly 70 million, compared with the same week in 2021, the organization said. More than half of that traffic came from Russia and Ukraine."

Specifically from Russia and Ukraine? Or to the RFE/RL Russian and Ukrainian sites from various parts of the world? Lofty audience numbers are provided, but the lack of transparency in USAGM audience research, plus the problems inherent in internet metrics, provoke doubts.

Speaking of USAGM, this parent agency of RFE/RL is nowhere mentioned in the Times story. Probably the writer did not want to muck up the article with the complicated structure of US international broadcasting. Nevertheless, USAGM and VOA executives might be frustrated to be out of the picture during the January publicity blitz. And the conspiracy theorist in us might imagine that all this publicity is a bid by RFE/RL to separate itself from the bureaucratic morass of USAGM and VOA.

## **And be sure to read the comments ...**

The reader comments under this article are worth perusing. Often such comments are a quagmire of insults, misinformation and stupidity, but it seems the Times does a fairly good job of editing out the rubbish. Of course, there are notes from the RFE/RL cheer squad, some of whose plaudits are curiously on script. On the other side are those spouting Russian propaganda, or who

are otherwise sympathetic with Putin's objectives.

Some doubters cite RFE/RL's CIA history (a main reason why I think USAGM needs to merge its entities under a new brand): "To argue that a news operation founded by the CIA and which continues to be funded by the US Congress is not an agent of the US is very funny. It sounds much like RT." ... "It's unsurprising that the CIA relic has been resuscitated at the same time as the Cold War. That government has no oversight is debatable." ... "Shades of Encounter magazine, the Anglo-American London monthly, founded in 1953, published an international Who's Who of essayists, critics, poets, historians, philosophers, economists and journalists. .. [It] received back-channel funding from the CIA."

### **'On Broadway'**

Some of the comments elicit nostalgia: "Having grown up watching RFL commercials (there was one where a guy in a radio studio says a long intro in what I believe was Polish, and then says in heavily accented English. 'On Broadway' and spins the original Drifters record of that name, that one was an instant classic with me and my middle school friends.) So, who knew, the Drifters as subversive element in totalitarian society. Probably was more effective than all the billions spent on spies, surveillance and military hardware. Anyway, go and check out their website and leave your antiquated,

20th century notions about propaganda in check while you're there."

The politics of US international broadcasting is discussed: "Not mentioned here was the attempt by the Trump administration to take over and ultimately dismantle these programs, which was thwarted by the Biden administration. However, no guarantee the new GOP house majority won't have another attempt on its 'agenda.'" ... "The House Freedom Caucus, following Trump's lead, wants to kill off Radio Free Europe/Radio Liberty by defunding it. Not coincidentally, Putin hates it too."

And, finally, some of the comments are close to the heart of NASWA members: "It is also true that the Russian invasion has breathed new life into the importance of shortwave radio, which has been in decline. Shortwave can reach an audience in countries where internet connections and broadcast television are censored, banned, or monitored. The article does not mention shortwave." ... "When an authoritarian government has control over the internet and all media within its borders, radio waves will reach an audience. Radio receivers are passive and cannot be tracked, unlike devices on the internet. It's old fashioned but everyone should own a radio receiver in case of disaster."

See Kim's projects: <https://twitter.com/kaedotcom> and <http://swradiogram.net>

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](mailto:hq@naswa.net). Missing issue emails should CC [rm271828@gmail.com](mailto:rm271828@gmail.com). Thanks!



# Shortwave Center

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*Given the impact that the BBC has had and continues to have on shortwave, as well as the fact that it has served as bellwether and trendsetter for the direction of the technology and platform, this month's SWC is given over to a very important speech by BBC Director*

*General Tim Davie back in December that outlines his perception of the direction the BBC will pursue in future. You're probably not going to like it. I don't either, despite the rationality behind it. But forewarned is forearmed.*

## SHORTWAVE'S FUTURE

### BBC DG Tim Davie Shares His Thoughts on a Future Internet-only BBC

Radio Today magazine  
8 December 2022

Tim Davie, speaking at the Royal Television Society on Wednesday [December 7, ed.], suggested the future of the **BBC** is IP based with broadcast radio and TV being switched off.

In a landmark speech about a digital future, he said: "Imagine a world that is internet only, where broadcast TV and radio are being switched off and choice is infinite.

"There's still a lot of live linear viewing but it is all been delivered online.

"The internet has stripped away the historical distribution advantage of having half of the TV channels or FM frequencies. In this world relevance, like trust, has to be earned."

Tim added that the **BBC** needs to move to an internet future with greater urgency and operate with fewer brands. The **BBC** would be

the brand with content available in one place.

The Director-General went on to say: "Industry analysts predict that we have probably seen the last year in the UK when broadcasters make up the majority of video viewing. Five years ago, broadcast TV reached nearly 80% of young adults a week. Today it's around 50%, and radical changes are happening across all ages. Tik Tok is now bigger than the **BBC** in video for 16-24s in the UK."

Most of the speech was around television and news programming, distribution and production, but concerned the **BBC** as a whole. You can read the full talk below.

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*BBC Director General Tim Davie speaking at the Royal Television Society.*

Good morning. Today, 100 years and 23 days after the first **BBC** broadcast, I want to talk about choices. Choices for us all.

Choices that have profound consequences for our society, its economic success, its cultural life, its democratic health. Our UK and its essence. Of what we hand to the next generation. Of growth.

Choices that concern not just the role of the **BBC**, but something bigger. About whether we want to leave a legacy of a thriving, world leading UK media market or accept, on our watch, a slow decline.

Are we simply going to drift to the point where the emergence of vast US and Chinese players marginalize us, while we put on a very British brave face as they do so? Resigned to the fact that our culture and creative economy will inevitably be shaped by polarized platforms and overseas content. Or are we proactively going to take the steps

to ensure that we tell our own stories, and remain the envy of the world?

Today I want to make a simple case. A case for growth, and the choices, as the UK, to own it.

Too much of this debate is painfully “small”. In **BBC** terms, we understandably fret about domestic issues, political spats and latest headlines. And, because people care, we keep busy on a joyous treadmill of flare-ups and debates.

One of my favorite quotes of Lord Reith is “the **BBC** will never broadcast anything controversial and has no plans to do so.” If only.

But beyond the day-to-day, we urgently need to spend more time agreeing what we want to create that best serves our audiences, the economy and society.

Today I want to set out some of the choices that we need to make and make the case for ambition.

This will require the **BBC**, regulators, politicians – all of us – to work together and make clear decisions. To invest capital and set policy, deliberately, not simply live on hope and good intent. To create a bigger creative sector supported by strong public service media and a thriving **BBC**.

In short, we have reached a defining decade for the future of this incredible sector and this wonderful country.

But first, a quick look back. This year has shone a light on a venture, 100 years old, that has delivered outstanding shareholder returns: the **BBC**. It has not come about accidentally. It is a triumph of smart invention and intervention. An inspired choice by those early pioneers as they reflected on what really mattered in life after the scars of war. They decided, amazingly, that broadcasting was not simply about money, it was more important than that.

It has led to immense returns to the UK public: economic growth, societal growth, personal growth. Value for all.

It's easy to forget what a remarkable story of success it is. And how much of it we take as given. Of course, the **BBC** is not perfect, we make mistakes, we struggle, we commit acts of self-harm, and our funding mechanic, the Licence Fee, is positively described by some as the least worst option. But step back a bit from the noise and look at our legacy.

There's the creative health of the nation.

Ever since those early days in 1922 when **2LO** crackled into life, we have backed our culture, through an enlightened blend of smart public interventions, brilliant

commercial companies, and inspirational individuals.

At the heart of that ecosystem is the **BBC**.

Critically, our universal brief means we do not simply look to maximize global efficiency and monetize a core audience. We support creativity in every part of the UK and its Nations. Our work helps us understand each other and find communal stories that underpin our national life.

9 in 10 people say it's important for our media to reflect the lives of different people in the UK to each other.

Then there's our creative industries, a world leading economic powerhouse.

£109bn in annual GVA – that's bigger than the life sciences, aerospace, automotive, oil and gas sectors combined.

If we get it right, we have the potential to more than double that by 2030 growing way ahead of the wider economy and delivering jobs across the UK.

The **BBC** as a catalyst for growth is proven.

We support over 50,000 jobs – more than half outside London. We work with 14,000 suppliers.

In Salford, the number of creative businesses has grown by 70% since we moved there in 2010. In Cardiff, the creative sector has grown by over 50% since we opened Roath Lock Studios in 2011.

New analysis from PwC shows that increasing the BBC's footprint in an area by just 15%, doubles the creative cluster growth rate. By 2028, the BBC's 'Across the UK' plans can create more than 4,500 new creative

businesses outside London, along with 45,000 jobs.

But the BBC's legacy is also about our democracy.

We face a growing assault on truth and free reporting. Recent data on our watch is stark and shocking.

In February, Freedom House in the US found that 60 countries suffered democratic decline in 2021, while only 25 improved.

Only around 20% of people now live in what are considered free countries – that's halved in 10 years. Journalism is now completely or partly blocked in 73% of countries.

The social psychologist Jonathan Haidt argues there are three forces that bind successful democracies: social capital; strong institutions; and shared stories. Not a bad list if you are in my job.

But he also believes that social media, while having many benefits, has weakened all three. It weakens political systems which are based on compromise, and it fuels mob dynamics that restrict a constructive process of dissent and debate.

Our own research shows that's happening here, too. Over 40% of people are now worried about sharing views with those who have a different view.

Research by the European Broadcasting Union shows that well-funded public service broadcasters go hand-in-hand with democratic health. The greater their audience, the more citizens tend to trust each other.

That is why the UK's strong global voice is so precious.

Today the **BBC** reaches nearly half a billion people weekly, a number that has been growing. We are the best known British cultural export – quite something when you consider the competition, from music to monarchy.

In India, our services reach 70 million people in 9 local languages. In the US, the **BBC** is now the most trusted news brand.

When our Russia Editor, Steve Rosenberg, interviewed Foreign Minister Lavrov, a must watch by the way, it got over 7 million views inside Russia.

So, I think that if Reith were sitting here today, apart from giving me that withering stare, I think he would be amazed by what we have created, together.

These successes are the result of deliberate decision-making and difficult choices.

There was the birth of TV in the 30s, and the reshaping of radio in the 60s – when we said goodbye to the **Home Service**, the **Light Programme**, and the **Third Programme**.

The launch of **BBC Online** in the 90s. The launch of **iPlayer** in 2007 – a moment that, in the words of Reed Hastings, “blazed the trail” for global streamers.

Alongside these **BBC** moves, we have acted successfully as an industry. **Freeview**, **Freesat**, digital TV switchover, **DAB**, **Radioplayer**, **Youview**, all successful in developing our media sector, fostering competition but also enhancing public service broadcasting.

All these moments required a choice, a will, an optimism, and a generosity of vision. A desire to see the big picture.

There are cautionary tales too. The infamous blocking of Project Kangaroo back in 2009, when the UK PSBs wanted to set up a streaming service.

But, overall, there is so much to be proud of in what we have created together.

However, today, I believe we are in a period of real jeopardy. A life-threatening challenge to our local media, and the cultural and the social benefit they provide. This is not an immediate crisis for audiences. The choice of high-quality TV and audio has never been better. The threat is not about if there is choice, it is about the scope of future choice and what factors shape it.

Do we want a US-style media market or do we want to fight to grow something different based on our vision?

I sometimes read that the **BBC** needs to clock that the world has changed. I can assure you that we do not need convincing.

The internet has stripped away the historical distribution advantage of having half of the TV channels or FM frequencies. In this world relevance, like trust, has to be earned.

Industry analysts predict that we have probably seen the last year in the UK when broadcasters make up the majority of video viewing. Five years ago, broadcast TV reached nearly 80% of young adults a week. Today it's around 50%, and radical changes are happening across all ages. Tik Tok is now bigger than the **BBC** in video for 16-24s in the UK.

So today is the right time to ask the question, are we happy to let the global market simply take its course or are we going to intervene to shape the UK market?

Now, before looking to the future, let me just give a quick update on how the **BBC** is doing.

We have been working on transformation rather than just managing decline. Despite market changes and cuts, we have coped well by focusing entirely on providing value to all. Not simply saying we are a good thing but being used.

Our "Value For All" strategy is clear: ensuring we are impartial, delivering must-watch UK content and developing a world-class online offer. Supported by ambitious commercial plans.

Nearly 90% of adults, and 75% of 16-34s came to the **BBC** every week, and every month nearly every adult uses us in the UK. These reach numbers have held up well. Over 30 million browses in the UK used the **BBC** online yesterday, the only online UK brand to really mix it with global players.

When it comes to hours of video watched in the UK, the **BBC** remains bigger than **Netflix**, **Amazon Prime** and **Disney Plus**, combined.

Editorially we have wind in our sails. Award-winning shows from "Time" to "Motherland". 9 million watched the launch of "Frozen Planet II", a peak audience of 17 million watching the Women's Euros final, 42 million streams of Glastonbury. And the coverage of the Queen's funeral showed what only the **BBC** can do.

More recently, in its first seven days since launch, episode one of "SAS Rogue Heroes" had an audience of 6.5 million, compared with 3 million for episode one of the latest season of "The Crown".

We've grown **BBC Sounds** to over 1.5 billion listens.

And, in the midst of culture war storms and Twitter rage, the numbers of people saying we offer impartial news has held firm.

Commercially, **BBC** Studios has grown rapidly in the last 5 years delivering a stretching target of over £1.2bn in returns and growing profits 70%.

We also drove the UK economy. Our “Across the UK” plans are well underway and mean we’re on target for £700m of additional spend outside London by 2027/28. For example, we’ve announced £25m investment in the North East, a new Birmingham base in Digbeth, and we’ve moved news teams. We relocated eight **Radio 3** titles yesterday in Salford. And we continue to invest in unique and strong content in the Nations and Regions.

At the same time, we’ve stepped up our commitment to a highly efficient **BBC**, fit to deliver maximum possible value. We’ve reduced our overhead rate to within 5% of our total costs. We cut over 1,000 public service roles last year. All our senior managers are assessed, and we are stripping away bureaucracy as we create a world-class culture.

Overall, our progress over the last 2 years has been good. In many ways, thanks to the exceptional talent in the **BBC**, it has been gravity defying. But looking to 2030, it is not enough.

So now let’s look to that future. Imagine a world that is internet only, where broadcast TV and radio are being switched off and choice is infinite. There’s still a lot of live linear viewing but it is all been delivered online.

Far from decline, could we harness the possibilities of this interactive digital landscape to increase public value and

stimulate the UK media market? What would it actually take to deliver that?

I think there are four choices that we need to make to give us a real chance of achieving success for the UK. They need urgent action. Namely:

Should we, as the UK, own a move to an internet future with greater urgency?

Should we transform the **BBC** faster to have a clear, market leading role in the digital age?

Should we proactively invest in the **BBC** brand as a global leader?

Should we move faster in regulating for future success?

Of course, the answer to these choices is yes.

I don’t intend to answer every question in detail today but let me outline some thoughts.

Firstly, we must work together to ensure that everyone is connected and can get their TV and radio via the internet. This isn’t something to resist. A fully connected UK has very significant benefits for society and our economy. It would unleash huge opportunities for innovation.

For the **BBC**, internet-only distribution is an opportunity to connect more deeply with our audiences and to provide them with better services and choice than broadcast allows. It provides significant editorial opportunities. A switch off of broadcast will and should happen over time, and we should be active in planning for it.

Of course, there’s a bad way it could happen. Where access to content is no longer universal. Or is unaffordable for too many.

Where the gateway to content is owned by well capitalized overseas companies.

So, we must close gaps and guarantee accessibility for all. Forecasts suggest that by 2030, about 2million homes will still not be using fixed-line broadband and even in a few years 5% of the UK landmass may not be covered by 5G or 4G to provide content on the move. Now I know that there is a renewed effort to drive this coverage by Government and the DCMS [*Department for Digital, Culture, Media and Sport - ed.*]; this is critical.

While the **BBC** cannot fund the build-out it can collaborate with others to make a move to online attractive to all and play a big part in educating people about the transition. We will become more active as part of a coalition to make this happen.

Let's all work to plan it flawlessly and leave no-one behind and ensure that UK businesses and audiences get maximum benefit.

In this new world, the next choice we need make is to champion a clear, market leading role for the **BBC**. How will we inform, educate and entertain in 2030?

The answer must be to differentiate and not copy.

The **BBC** will focus its effort on the following in the digital world:

1. Nurturing an informed society through impartial, trusted news and information.
2. Inspiring and supporting people of all ages with trusted knowledge and training.
3. Engaging audiences with high-quality local British creativity from across the UK.

Over time this will mean fewer linear broadcast services and a more tailored joined up online offer. As examples, we will double down on the latest work in News on disinformation or accelerate the drive to ensure that Network drama is sourced from across the UK which differentiates us from others.

We believe that if we drive this transition successfully, we can deliver universality despite a world of intense competition. We will achieve this not by creating derivative or niche content but ensuring maximum relevance of our core output. To be clear, by universality we mean three things, which global players do not do. Namely:

**Access:** making sure all audiences in the UK can get to the **BBC**.

**Relevance:** making content that aims to appeal to all UK audiences not just monetizable groups.

**Engagement:** reaching and being used by the vast majority of UK audiences.

In the future we will need to transform the **BBC** faster to deliver a compelling online offer.

We are working on how an IP **BBC** could be the best version of the **BBC** shaped around people's interests and needs. A daily partner to your life, bringing the **BBC** together in a single offer with personalized combinations. A world in which local news, areas of interest and hidden gems can be found more easily.

Digital offers a huge opportunity to unlock more audience value, but it requires big organizational change: a radical overhaul of how we use data, a heavyweight world-class tech team, new operating models, new creative solutions and ideas. Imagine news re-imagined for the **iPlayer** or increased

functionality when watching the game online.

We will be world-leading pioneers in this. No-one in the world has created a digitally led public service media company of scale and the global opportunity for us is there for the taking.

Within the **BBC** this means significant change. We will have fewer brands overall, and consolidate more activity behind a simple, single brand in the UK: the **BBC**. And you'll see this globally as well. We will also simplify sub-brands such as **BBC News**. You can see a first step in our bringing together of the **BBC News Channel** and **BBC World News** as one brand: **BBC News**.

We will share more plans in this area in the coming months.

Inevitably all this requires another choice and that is to actively, dare I say happily, invest in the **BBC**.

Any transition of a legacy, broadcast organization to a digital future needs capital. As the owner of even the biggest companies are finding out, it is not for the faint hearted. Moving to digital is not the challenge in of itself, moving to digital while not losing most of your audience and burning millions of pounds unnecessarily is the challenge.

In the **BBC** we are privileged to have the Licence Fee until 27/28 but if you take the period 2010 to 2028, we forecast that core funding for the **BBC** has been cut by a whopping 30%. Now my key metric is providing great audience value for that fee. But others have been driving up pricing and driving up media costs reducing the BBC's ability to deliver great value. As we look to the 2030s, we are open minded about future funding mechanics. But we are clear that it

is critical that we need a universal solution that fuels UK public service growth, not stifles it, while offering audiences outstanding value for money.

Of course, the latest settlement did include the increased debt facility for **BBC Studios** which was welcome, and we are ambitious about its prospects. Alongside commercial plans, we will keep cutting costs to invest and attract more partner investment as well such as the latest deal we announced with **Disney** on "Doctor Who". But under the most ambitious scenarios, this will not change the need for serious public service investment.

And in the short term we will need more money to support the **World Service** to avoid further cuts and we will be discussing this with the FCDO [*Foreign, Commonwealth and Development Office - ed.*]. The Russians and Chinese are investing hundreds of millions in state backed services. We have a choice to make.

We will of course complement this **World Service** growth with ambitious plans for **BBC Studios**.

The **BBC** is one of the most powerful and well recognized brands on the planet and we should be backing it. It's as simple as that.

Lastly, we need to regulate for success at speed.

This is not a new theme. It's no secret to anyone here that our legal and regulatory environment has not kept pace with the market.

The Digital Markets Act, Online Safety Bill, the Data and Digital Identity Bill, and the Media Bill planned for this Parliament are essential. We need rules for the prominence, availability and inclusion of PSB [*public service broadcast - ed.*] content in new



*The BBC's New Broadcasting House in Central London, headquarters of the World Service*

platforms, in video and audio. Organizations providing content need the detailed data that will be the lifeblood of success in the new world.

But it cannot be right that we have to wait years for legislation to recognize change in our sector.

So, we need a regulatory framework that is proactive. It must be agile – able to respond without endless consultation and process. I am pleased that Ofcom [*Office of Communications - ed.*] is working in this area.

Part of this is allowing the commercial arm to thrive and a regime that is ex post, not ex ante, responding to obvious harm when it occurs, not defining every possible negative outcome in advance and restricting UK innovation as a result.

So, in summary, four choices for our future.

1. Move to an internet future with greater urgency.
2. Transform the BBC faster to have a clear, market leading role in the digital age.
3. Proactively invest in the BBC brand as a global leader.
4. Move faster in regulating for future success urgently.

Shaping the online future of the UK to work for all of us. To lead not to follow. To grow.

Thank you.

<https://radiotoday.co.uk/2022/12/08/bbc-dg-tim-davie-shares-his-thoughts-on-a-future-internet-only-bbc/>

*A further note: What goes unexamined here is the impact of this plan on worldwide audiences. It's one thing for the BBC to go all in on a digital internet future for the UK. But what of the rest of the world where a universal internet rollout will occur more slowly if at*

all? What about World Service radio? These matters go unattended in Mr. Davies' remarks. They, too, are questions the BBC needs to answer.

Feel free to register your opinion in *The Journal's Musings* column, open to all.

# The Robinson Report

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## The AOR 7030/Plus: What More Does Anyone Need?



This month I continue my focus on some classic receivers with a look at one that really turned heads when it was released in the mid to late 1990s, and still has a special place in the collections of veteran DX'ers: the AOR 7030/Plus.

The 7030 arrived in my shack about a decade ago. Before that, I had never tried the receiver though it had accumulated numerous superb reviews during its production run from 1996 to 2008.

"In terms of sheer performance for program listening," Larry Magne observed in the 2005 *Passport to World Band Radio*, "[the 7030 is] as good a radio as we've ever tested...ergonomics and slightly limited sensitivity to weak signals aside, the 7030 is arguably the best choice – certainly among

the best of choices – for serious DXing available on the scotch side of a professional-grade model."

Magne equated operating a 7030 to a BMW 745i, referring to what he called Star Trek ergonomics. That's one area where, as he noted, the receiver is either the "ne plus ultra" for those who love it, or just not worth the bother for others.

After a number of years of using the 7030, I am firmly in the "ne plus ultra" group and the 7030 is now firmly among my top 20 receivers, even better if one has the Plus version, better still if you're lucky to obtain one with the UPNB7030 option enabling an amazing automatic notch filter and noise blanker.

There are too many aspects of the 7030 to go over in limited space available here, but I'll summarize:

- Extraordinary overall quality, like using a piece of professional audio equipment.
- Though frustrating to those who haven't mastered it, the 7030 provides numerous front panel accessible tools to adjust signals and sound.

- Auto-notch filtering capability that can also be turned off via menu selection.
- Auto-synchronous tuning that locks on and stays locked, but which can also be turned off via menu.
- As many as six filter positions, with a built-in function to calibrate filter properties via menu.
- True Passband Tuning at PLUS or MINUS 4.2 khz accessible from the front panel in any mode.
- Treble, Bass and RF Gain controls accessible via front panel, with Gain adjustable for manual or automatic.
- Superb AGC choices, easily selectable via front panel, of OFF, SLOW, MEDIUM, FAST.
- Superb top-firing speaker, which though criticized by some, is more than adequate for room-filling sound.
- Rear controls include WHIP, 50 ohm, and WIRE antenna and display contrast adjustment.



no longer in business. He also did replacements of the internal battery in the receiver).

I'll leave it to readers here to do their own searches, and gather information on the pros and cons of the 7030. In my book, the positives far outweigh the negatives. As Zantow notes, there were QC issues with displays, some of which dimmed over time, and issues with the tuning encoders on some units.

With its heavy metal cabinet and small size, the 7030 is perfect for field operation – indeed, two of these receivers can easily fit in a mid-size Pelican or equivalent case.

There is an abundance of information online about the 7030. The most detailed content can be found at the website of Dave Zantow. Radio Netherlands did a review many years ago that is still very useful today. And eHamnet has a number of user reviews going back to 2001: <https://www.qsl.net/n9ewo/ar7030.html> and <https://mwcircle.org/legacy-receiver-reviews/receiver-review-aor-ar-7030-2/> and <https://www.eham.net/reviews/view-product?id=475>

I came to love the 7030 so much that I now have seven of the receivers, all but two with the PNUB7030 features. Several of my sets were modified by Rick Krzemien, who ran Big Sky Audio in Montana (Rick is unfortunately

The original AOR power supply is another issue, though I have had no problems with mine (Dave provides a solution in his review). Perhaps the biggest additional issue involves the cabinet screws which were made of soft metal and are easily stripped. In fact, there is a specific order for taking the cabinet apart and considering that the 1/3 AA size battery might indeed need replacing at some point, this is important to know.

Among my personal nitpicks: from unit to unit there can be a bit of error when using LSB or USB, though most of my receivers are pretty much on the money when it comes to calibration; one is about 20 Hz high in USB. In CW, there is a fine-tuning function adjustable from the front panel.



So, how does the 7030 perform? In my view, it is simply a joy to operate, with more happiness to be found in the beautiful audio it produces. I don't use external speakers on my 7030s and the sound easily fills a large room.

There are the usual complaints from some users about ergonomics. One reviewer on eHamnet discussed difficulty with AGC performance. I have found no problem with this, and once you master how the MENU system works and which buttons bring up which controls, operation is really a breeze.

Another feature is FAST tuning mode, enabled with a button press that easily and quickly can get you from bottom to the top of the frequency range. This is similar to the FAST mode in the Lowe HF-250/E, but superior since you can lock in FAST without having to hold a finger on the button.

Anyone looking for a 7030 should know that while they are not the rarest receiver on the used market, they also do not appear frequently. The one exception was the Japan Buyee site which until 2022 provided a way to bid on equipment on the Japanese used market.

That all changed when some of us who were regular Buyee users noticed a new ban imposed apparently because of Japan government restrictions on shipping radios and related equipment to foreign countries including, inexplicably, the United States. Quite a few 7030 receivers appeared on Buyee. Unless things change that's the end of that.

The other obvious places to check are QRZ.com, eHamnet, and Ebay where occasionally one sees 7030 base models and Plus versions. A few years ago, one overseas seller was offering a PNUB7030 card for sale, which I promptly snapped up for use in one of my several 7030 receivers. Also found on the used market in recent years were a firmware upgrade module, and remote controls.

My advice for those who have never used a 7030 would be: understand the pros and cons of the receiver. As always, ask questions of a seller about operating and physical condition. Are all front control buttons operational? Has the internal battery ever been replaced? Has the cabinet ever been taken apart and if so, have any of the top or front panel screws been stripped? Is the



original power supply with the radio? What about the remote control?

Generally, it's preferable to have a 7030 that is at the higher end of serial numbers – I usually watch for receivers that are minimally between 102000 and 104000 or higher. However, that doesn't mean that a

receiver lower than this range will not work without a problem.

In early 2023, I decided to start a new group devoted to the AOR 7030 at Groups.io, as well as a new Facebook group. We welcome all newcomers at: <https://groups.io/g/AOR7030> and <https://www.facebook.com/groups/682696350243401>

# Listener's Notebook

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Times are UTC and frequencies in kHz. Last month I ran two items that should have been credited to long time club member Glenn Hauser; one was South Sudan and the other was station WTWW. Too much holiday cheer? (RAD)

**ALASKA** KNLS The New Life Station in Chinese via Anchor Point, January 24:  
0800-1000 on 7370 Chinese tx#1  
1000-1100 on 9715 Chinese tx#1 (DX Mix-Bulgaria)

WCB KNLS The New Life Station in English on via Anchor Point, January 24:  
0800-0900 on 6075 English tx#2  
from 1000 on 9540 English tx#2, instead of 9680  
from 1013 on 9680 English tx#2, instead of wrong 9540 (DX Mix-Bulgaria)

WCB KNLS The New Life Station in Russian on via Anchor Point, January 24:  
0900-1000 on 9540 Russian tx#2  
from 1100 on 9680 Russian tx#2, instead of 9570  
from 1102 on 9570 Russian tx#2 (DX Mix-Bulgaria)

**ALGERIA** News schedule of Telediffusion d'Algerie via Bechar&Ourgla:  
0000-0600 on 7440 ORG Arabic Holy Qur'an px  
0000-0600 on 9500# BEC Arabic Holy Qur'an px  
0600-2400 on 15410 ORG Arabic Holy Qur'an px  
0600-2400 on 17600# BEC Arabic Holy Qur'an px  
# instead of 9500 BEC 300 kW / 131 deg to EaAf Arabic TDA "Chaine 1"  
# instead of 17600 BEC 300 kW / 131 deg to EaAf Arabic TDA "Chaine 1" (DX Mix-Bulgaria)

Telediffusion d'Algerie TDA via Ourgla & via Bechar on January 6:  
1600 & 1628 on 15410\*ORG Arabic Holy Qur'an  
1600 & 1628 on 17600 BEC Arabic Holy Qur'an  
\* co-channel 15410 ISS Afan Oromo Raadiyyoni Dirree Shaggar at same time (DX Mix-Bulgaria)

15410, on Tue, Jan 24, at 1825-1835, Radio Algerienne, Ouargla-ALG, in Arabic. Holy Qur'an program: At this moment, muslim and woman teaching a child to chant The Qur'an,

correctly; 1830 Qur'an chant and recitation by baritone man; 1832 UT Quran chant. Good reception: 45544. (Jota Xavier-Brazil, hcdx Jan 24/TopNews)

**ARMENIA** Frequency change of BBC via Yerevan from December 29:  
0000-0100 NF 6035 English, ex 5875 (DX Mix-Bulgaria)

Reception of Trans World Radio India in English via CJSC Yerevan, January 5:  
1430-1500 on 9965 English Mon-Fri (DX Mix-Bulgaria)

TWR India relay FEBA Radio Pakistan in Urdu via CJSC Yerevan, January 5:  
1500-1530 on 9965 Urdu Daily (DX Mix-Bulgaria)

TWR India in Kurukh & Hindi via CJSC Yerevan, January 25:  
1315-1330 on 12075 Kurukh Wed-Fri  
1415-1430 on 9965 Hindi Mon-Fri (DX Mix-Bulgaria)

DX program DXers Diary in English via Agana and via CJSC Yerevan, January 25:  
from 1101 on 11965 TWR English Wed KTWR Agana  
from 1431 on 9965 ERV English Wed TWR India (DX Mix-Bulgaria)

**AUSTRALIA** Reception of Reach Beyond Australia in Japanese via Kununurra, January 14:  
1100-1130 on 11905 Japanese Sat/Sun (DX Mix-Bulgaria)

5055, Radio 4KZ sent QSL Card in 15days for an English report from [reception@4kz.com.au](mailto:reception@4kz.com.au). (Kazuaki Oikawa-Japan/Japan Shortwave Club)

**AUSTRIA** Adventist World Radio to change from 300 kW to 100 kW for transmissions via Moosbrunn, Austria from 1 January 2023. (Jose Jacob-India, VU2JOS)

Info from AWR 31 Dec 2022 is last day of Adventist World Radio via 300 kW Transmitter at Moosbrunn, Austria. From 1 Jan 2023 they will use the 100 kW Transmitter instead at Moosbrunn. The B22 schedule of AWR via Moosbrunn 300 kW is as follows:

0200-0230 on 7340 Urdu  
0230-0300 on 7340 Punjabi  
0400-0430 6185 Turkish  
0500-0530 9630 Hausa  
0600-0700 11880 Arabic  
0700-0730 15610 French  
0800-0830 15145 French  
1400-1430 17765 Urdu  
1500-1530 11955 Turkish  
1530-1630 15265 Punjabi, Urdu  
1630-1700 9770 Farsi  
1730-1800 17765 Masai  
1800-1858 11955 Arabic  
1930-2000 17765 French  
2000-2100 9535 Dyula, French. Reception Reports to [qsl@awr.org](mailto:qsl@awr.org). (Jose Jacob-India, VU2JOS, Official Monitor, AWR)

Oesterreichischer Rundfunk-1:  
0600-0720 on 6155 German Daily  
1100-1200 on 13730 German Mon-Sat (DX Mix-Bulgaria)

Reception of Oesterreichischer Rundfunk ORF-1 in German via Moosbrunn, January 19:  
1100-1200 on 13730\* German Mon-Sat  
\*1152-1155 on 13730 English news bulletin 3min.30sec. (DX Mix-Bulgaria)

Very strong signal of Oesterreichischer Rundfunk ORF-1 in German via Moosbrunn, January 20:  
0600-0633 on 6155 German Mon-Sat, ex  
0600-0720 Daily (DX Mix-Bulgaria)

Reception of Radio Pravda dlja Rossii in Russian via ORS Moosbrunn on January 21:  
1500-1600 on 9745 Russian Sat (DX Mix-Bulgaria)

6155/13730, The relay of the domestic service OE1 via ORS Moosbrunn bcast center was reduced. The morning broadcast was more than halved. The Sunday morning broadcast was stopped. The new observed schedule is:

0600-0633 (ex to 0720) hrs: 6155 Mon-Sat (no Sun broadcast)

1100-1200 hrs: 13730 Mon-Sat (unchanged) (Hans-Peter Themann / Dr. Hansjoerg Biener-Germany/TopNews) ORF Vienna - news in English is still heard on 13730 at 1152-1155v. (Paul Gager-Austria via wwdxc BC-DX TopNews Jan 16)

13710, Oesterreichischer Rundfunk-1 verified with an E-QSL in 3 hours from [oe1.service@orf.at](mailto:oe1.service@orf.at). (Kazuaki Oikawa-Japan/Japan Shortwave Club)

**BANGLADESH** External Sce of Bangladesh Betar in Arabic, Bangla & English via Shavar, December 29:

1515-1545 on 4750 Hindi IS NOT ON AIR TODAY

1600-1630 on 4750 Arabic  
1630-1730 on 4750 Bangla  
1745-1900 on 4750 English  
1915-2000 on 4750 Bangla (DX Mix-Bulgaria)

Winter B-22 schedule of External Sce of Bangladesh Betar:

1230-1300 on 4750 English  
1315-1345 on 4750 Nepali  
1400-1430 on 4750 Urdu, inactive at present  
1515-1545 on 4750 Hindi  
1600-1630 on 4750 Arabic  
1630-1730 on 4750 Bangla  
1745-1900 on 4750 English  
1915-2000 on 4750 Bangla (DX Mix-Bulgaria)

External Service of Bangladesh Betar in English via Shavar, January 10:  
from 1228 on 4750 English (DX Mix-Bulgaria)

External Service of Bangladesh Betar in Nepali via Shavar, January 10:  
from 1314 on 4750 Nepali (DX Mix-Bulgaria)

External Service of Bangladesh Betar in Arabic, Bangla and English via Shavar, January 11:

1600-1630 on 4750 Arabic.  
1630-1730 on 4750 Bangla  
1745-1900 on 4750 English  
1915-2000 on 4750 Bangla (DX Mix-Bulgaria)

4750, Bangladesh Batar heard with fair signal strength but very poor and over modulated audio in English (very hard to understand anything) December 30 at 1745-1900. (Stig Hartvig NielsenDenmarkk/Hard Core DX)

**BOLIVIA** 3310. Mosoj Chaski. Jan, 17. 0047-0057. Devotional. 35333. (Claudio Galaz-Chile/Hard Core DX)

**BRAZIL** ZYE890 Radio Voz Missionaria in Portuguese via Camboriu SC, January 5:

from 0600 on 9665.4vCAB 010 kW Portuguese

At same time 5938.2vCAB 010 kW Radio Voz Missionaria, NO SIGNAL TODAY

At same time 11749.6vCAB 001 kW reactivated Voz Missionaria, NO SIGNAL TODAY (DX Mix-Bulgaria)

Reception of ZYE855 Radio Legiao da Boa Vontade via Porto Alegre, January 22:

from 0945 on 9550v PTA 010 kW Portuguese (DX Mix-Bulgaria)

Reception of ZYE365 Radio Nacional da Amazonia via Brasilia, January 25:

from 0800 on 6180 Portuguese  
0800 & 0945 on 11780 Portuguese (DX Mix-Bulgaria)

4985, Radio Brasil Central, Goiania, 0503-0618, 08-01, Brazilian songs, program "Madrugada Musical". // 11815. 25322. (Manuel Mendez-Spain/Hard Core DX) 4885, Radio Clube do Par?, Belem, 0507-0633, 15-01, Brazilian songs, "Clube da Madrugada, na

Radio Clube para Voc". 35433. (Manuel Mendez-Spain/Hard Core DX)

5938.3, Voz Missionaria, Camboriu, 0512-0740, 08-01, religious songs and comments, ID "Voz Missionaria de Comunicacao Santa Catalina". 34433. (Manuel Mendez-Spain/Hard Core DX)

9819.1, Radio 9 de Julho, Sao Paulo, 2021-2111, 07-12, religious comments, "A campanha de fraternidade", "O Ministerio do Santo Padre". 35433. Also heard 0527-0543, 08-12, religious songs and comments. 25432. (Manuel Mendez-Spain/Hard Core DX)

11749.4, Voz Missionaria, Camboriu, 1902-2040, 07-01, male, female, religious comments and songs, at 1932 ID "4 horas e 33 minutos", "Voz Missionaria, Santa Catalina". // 9665.2. 35433. Also heard 0501-0540, 08-01, religious comments, ID "Voz Missionaria, Caixa Postal, Camboriu, Santa Catalina", religious songs. 354333. (Manuel Mendez-Spain/Hard Core DX)

11815, Radio Brasil Central, Goiania, 2026-2055, 07-01, Brazilian songs. 33433. Also heard 0910-0935, 08-01, Brazilian songs, at 0914 ID "6 e 14, Radio Brasil Central". 35433. (Manuel Mendez-Spain/Hard Core DX)

11895, Radio Boa Vontade, Porto Alegre, 2045-2107, 07-01, religious songs and comments. // 9550.1. 24322. (Manuel Mendez-Spain/Hard Core DX) 11895, Jan 2. - 2200\*, R. Boa Vontade, Pt.º Alegre RS. Tks, mx. // 9550.091. 2 (Carlos Gonçalves-Portugal/Shortwave Bulletin)

15190, Radio Inconfidencia, Belo Horizonte, 1902-2110, 07-01, Brazilian songs, ID "Inconfidencia". 25422. Also heard 0835-0856, 08-01, Brazilian songs, comments, ID "Radio Inconfidencia", 35433. (Manuel Mendez-Spain/Hard Core DX) 15190. R. Inconfidencia. Jan 17. 0000-0010.

ID and music. 35333. (Claudio Galaz-Chile/Hard Core DX)

**CHINA** 9410, FHBS QSL. Nice to get a Christmas surprise Dec 27 from Fu Hsing BS for a 20 Sept 2022 reception via the Kiwi site at KFS (using the NW antenna). Package included a full data QSL, rcvd in 94 days along with a colorful tourism magnet and a very nice planner / journal leatherette-bound notebook. Probably the most elaborate QSL package received from any SW station in my recent memory, anyway. Report was sent snail mail, but the listed e-mail address is [fushinge@ms63.hinet.net](mailto:fushinge@ms63.hinet.net). (Bruce Churchill-CA/TopNews)

11800, CNR 2-China Business Radio via Beijing, f/d eQSL received after 3 days for my email report to: [yinglian@cri.com.cn](mailto:yinglian@cri.com.cn). (Babul Gupta-India/Asian DX Review)

13770, CNR 7 Radio The Great Bay via Kashi-saibagh, submitted report with audio file to: [yinglian@cri.com.cn](mailto:yinglian@cri.com.cn) f/d eQSL received after 5 days. (Babul Gupta-India/Asian DX Review)

15480, CNR 1 Voice of China via Beijing in Chinese logged and send report to: [yinglian@cri.com.cn](mailto:yinglian@cri.com.cn) f/d eQSL received after one week. (Babul Gupta, Barasat-India/Asian DX Review)

15390, CNR 13 Lingshi in Uyghur language send report with audio file and eQSL arrived after 2 days for my email report to: [yinglian@cri.com.cn](mailto:yinglian@cri.com.cn). (Babul Gupta, Barasat-India/Asian DX Review)

**CHINA (Tibet)** Reception of PBS Xizang Holy Tibet in English via Lhasa, January 6: 0700-0800 on 9490 English 0700-0800 on 9580 English (DX Mix-Bulgaria)

**CLANDESTINE** Canceled clandestine broadcasts via Talata Volonondry:

1730-1800 on 11705 Tigrinya R.Mazariss Sumay  
1800-1900 on 11690 Tigrinya Radio ERISAT (DX Mix-Bulgaria)

Raadiyyoni Dirree Shaggar in Afan Oromo via TDF Issoudun on January 6:  
1600-1630 on 15410\* ISS Afan Oromo Mon-Fri  
\* co-channel 15410 ORG Arabic Holy Qur'an px TDA Telediffusion d'Algerie (DX Mix-Bulgaria)

Reception of Voice of Oromo Liberation in Afan Oromo via MBR Nauen, January 6:  
1700-1730 on 9610 Afan Oromo Wed/Fri/Sun (DX Mix-Bulgaria)

Dimtse Radio Erena in Tigrinya via SPL Sofia, January 7:  
1700-1800 on 11810 Tigrinya (DX Mix-Bulgaria)

Reception of Radio NUG of Myanmar in Burmese via Paochung, January 12:  
1400-1430 on 11940 Burmese (DX Mix-Bulgaria)

Radio DLSN / Vietnam Democracy Radio in Vietnamese via Paochung, January 24:  
1230-1258 on 9670 Vietnamese (DX Mix-Bulgaria)

Reception of Radio NUG of Myanmar in Burmese via Paochung, January 18:  
1400-1430 on 11940 Burmese (DX Mix-Bulgaria)

Reception of Voice of Martyrs in Korean via RBA Kununurra, January 17:  
0900-0930 on 9860 Korean (DX Mix-Bulgaria)

Voice of Martyrs Korea in English via RRTM Telecom Tashkent, January 17:  
1500-1530 on 11620\* English  
\*or probably 11620 KNX 100 kW English via Reach Beyond Australia - Kununurra tx site? (DX Mix-Bulgaria)

Voice of Martyrs Korea in English & Dhivehi via RRTM Telecom Tashkent, January 23:  
from 1500 on 11620 English/Dhivehi (DX Mix-Bulgaria)

Radio Free North Korea in Korean via RRTM Telecom Tashkent, January 8:  
1300-1400 on 11509.9v Korean (DX Mix-Bulgaria)

Mizzima Radio via ENC-DMS Tamsui & Dhabbayya from January 26:  
0130-0200 on 17755 TSH Burmese, new additional  
0300-0430 on 17755 TSH Burmese, ex 0300-0400  
1130-1300 on 17730 DHA SEAs Burmese remain unchanged. According to IBB RMS Monitor Mizzima Radio MIZ is on air 0130-0200 & 1130-1200. New broadcaster from January 2: BNI is on air 0300-0430 and 1200-1300 (DX Mix-Bulgaria)

Reception of Mizzima Radio in Burmese via ENC-DMS Dhabbayya, January 23:  
1130-1300 on 17730 Burmese (DX Mix-Bulgaria)

Reception of Mizzima Radio and Radio ERGO via ENC-DMS Dhabbayya, January 26:  
1130-1300 on 17730.0 Burmese Mizzima Radio  
1200-1300 on 17845.1v Somali Radio ERGO (DX Mix-Bulgaria)

Reception of National Unity Radio Free Chosun via Tamsui, January 26:  
1100-1258 on 5900 Korean (DX Mix-Bulgaria)

Radio Ndarason International in French via ENC-DMS Woofferton, January 9:  
from 1845 on 12050 French (DX Mix-Bulgaria)

Radio Ndarason International in Kanuri via ENC-DMS Ascension, January 9:

from 1900 on 12050 Kanuri (DX Mix-Bulgaria)

Radio Ndarason International in French via ENC-DMS Woofferton, January 18:  
from 0615 on 9535 French (DX Mix-Bulgaria)

Frequency changes of JSR Shiokaze/Sea Breeze via Yamata

1300-1400 NF 5930, ex 6085 as follows  
1300-1400 NF 7280, ex 7345 as follows  
1300-1330 Japanese Mon/Tue/Sat/Sun;  
Korean Thu/Fri and English Wed;  
1330-1400 Korean Thu-Sun; Japanese Mon/Tue and English Wed.  
1600-1700 NF 5990, ex 5955 as follows  
1600-1700 NF 6135, ex 6180 as follows  
1600-1630 Japanese Mon/Tue/Sat/Sun;  
Korean Thu/Fri and English Wed;  
1630-1700 Korean Thu-Sun; Japanese Mon/Tue and English Wed.(DX Mix-Bulgaria)

Frequency changes of Furusato no Kaze in Japanese via Yamata

1405-1435 NF 6070 Japanese Dly, ex 7310  
1405-1435 NF 7325 Japanese Dly, ex 7290  
1705-1805 NF 7340 Japanese Dly, ex 6020  
1705-1805 NF 7435 Japanese Dly, ex 7320  
(DX Mix-Bulgaria)

Reception of National Unity Radio Free Chosun via Tamsui, January 12:

1100-1258 on 5900 Korean (DX Mix-Bulgaria)

Reception of Radio ERGO in Somali via ENC-DMS Dhabbayya, January 23:

1200-1300 on 17845.1v Somali (DX Mix-Bulgaria)

7630, Voice of Martyrs via Tashkent, E-QSL, 1 day. Report sent to this e-mail address: [tdillmuth@vomkorea.com](mailto:tdillmuth@vomkorea.com).

(Alexander Myadel-Belarus via DX Fanzine #112/TopNews)

11540, Radyo Denge Welat (Tashkent) at 0329 with song in language, presumed Kurdish, 0330 man with talk over music, into

song. Listed 0330-0430. Good, Jan. 13. (Harold Sellers-BC/DXplorer)

I tuned the frequency 11540, Radyo Denge Welat, according to the shortwaves.info website database. I contacted the broadcaster to make a reception report and a few hours later I received the answer: "Dear Mr.Marsan Fritzen!

Thank you very much for your letter, but In our schedule there is no session with a frequency of 11540 kHz. Now there is a repair of the antenna damaged by Ukrainian saboteurs. For this reason, broadcasting on short waves is temporarily stopped. Best regards, Administration of Pridnestrovsky Radiotelecentr.' I found the answer very interesting, showing very different aspects of the world, through short waves. (Marsan Theobald Fritzen/WRTH FaceBook Page)

["The reception Report was sent to the transmitter site, not to Denge Welat. In some cases, it is the person responsible for the transmission site who confirms receipt. As an example, WRMI, several broadcasts are confirmed by it."](#)

["James Clark The transmission of Denge Welat. However, they changed the place of transmission. Just changed the transmitter, which is now in Tashkent. About broadcast content, I don't understand Kurdish language"](#)

**CONGO** 6115, Radio Congo, Brazzaville, 1733-1830\*, 07-01, French, comments, African songs, news, male, female, ID "Congo", "Radio Congo". 14321. Also heard 0531-0556, 08-01, French, news, comments, African songs. 15321. (Manuel Mendez-Spain/Hard Core DX) 6115, Radio Congo, Brazzaville, 1801-1638\*, 19-01, French, news, female, male, ID "Radio Congo", "Les Congolaises", "Brazzaville", at 1829 ID "Radio Congo, Radio Congo", Africapop and African songs, new ID at 1836 "Chers auditeurs, Radio Congo...". 23422. Also heard 0544-0601, 20-01, French, comments. 15321. (Manuel Mendez-Spain/Hard Core DX)

**DENMARK** 5930, World Music Radio (200W) and 15700 (10W) now again 24 hours 7 days a week. Until further notice? but will change again back to weekends only should electricity cost rise again. Also WMR on 927 (100W) and 25800 (60W) are running 24/7. (Stig Hartvig Nielsen-Denmark/Hard Core DX) Return postage for a printed QSL-card is 5 euro, which can be sent to WMR, P. O. Box 112, DK8960 Randers SØ, Denmark - or via PayPal to [wmr@wmr.dk](mailto:wmr@wmr.dk). Kindly note that reports using remote KiwiSDRs etc are not QSLed; only reports using own equipment. (Stig Hartvig Nielsen 31 Dec)

25800, reception of World Radio Denmark noted between 1300-1315 with uninterrupted music on Jan. 11th. 28 mhz amateur band also open to Europe. Antenna 6 element log periodic. (Bill Smith-MA/Hard Core DX)

**ECUADOR** 6050, HCJB, Pichincha, 0445-0500\*, 08-01, Spanish, Ecuadorian songs, comments, program "Ritmos y Canciones de Nuestra Tierra", at 0457 anthem and closing at 0500. (Manuel Mendez-Spain/Hard Core DX) 6050, HCJB, Pichincha, 0446-0500\*, 15-01, Spanish, program "Ritmos y Canciones de Nuestra Tierra", Ecuadorian songs, comments. 35433. (Manuel Mendez-Spain/Hard Core DX)

**EGYPT** Winter B-22 shortwave schedule of ERU Radio Cairo via Abis:  
1500-1600 on 9440.0 Albanian  
1700-1900 on 9390.0 Turkish  
1800-1900 on 9902.6v Italian  
1900-2000 on 9410.0 Russian  
1900-2000 on 9832.6v German  
2000-2115 on 9902.6v French  
2115-2245 on 9440.0 English  
2215-2330 on 9887.6v Portuguese  
2330-0045 on 9902.6v Arabic  
0045-0200 on 9902.6v Spanish. Some days no broadcast via Abis. All frequencies have big technical problems such as extreme

distortion/low modulation/under-modulation. (DX Mix-Bulgaria)

**ENGLAND** Reception of USAGM Voice of America in Kurdish on new freq via ENC-DMS Woofferton, January 19:  
1400-1500 NF 15595 Kurdish, ex 15600 (DX Mix-Bulgaria)

**ESWATINI** 7410, QSL Trans World Radio Eswatini, E-QSL, 5 days. Report sent to this e-mail address: [lstavrop@twr.org](mailto:lstavrop@twr.org). (Alexander Myadel-Belarus via DX Fanzine #112/TopNews)

11660 and 9585, QSL Trans World Radio Eswatini F/D E-QSL in 6 days. Email address: [lstavrop@twr.org](mailto:lstavrop@twr.org). (Juan Carlos Perez-Spain via DX Fanzine #112/TopNews)

13810, TWR Africa (Manzini) at 1850 in Arabic, man preaching, woman with closing announcements including contact info at 1900, music to IS at 1902 and off. Good but deteriorating quickly, Dec. 30. (Harold Sellers-BC/DXplorer)

**ETHIOPIA** 6110, Radio Fana, Addis Ababa, 0447-0455, 08-01, Vernacular, comments, 25422. (Manuel Mendez-Spain/Hard Core DX)

7110, Radio Ethiopia, Geja Dera, 1750-1819, 07-01, East African sons, Vernacular, comments. Ham QRM. 32432. Also 0458-0520, 08-01, Vernacular, comments. Ham QRM. 33433. (Manuel Mendez-Spain/Hard Core DX)

**FRANCE** Winter B-22 schedule of TDF Issoudun relays:  
Radio Oeoemrang on February 21, 2023:  
1600-1700 on 15215 Frisian dialect/German/English (DX Mix-Bulgaria)

NHK World Japan Network Radio Japan+  
0200-0400 on 6105 Japanese  
0300-0500 on 7265 Japanese  
0430-0500 on 9865 English Mon-Fri

0500-0530 on 9865 English Sat/Sun  
0530-0550 on 7450 French  
0530-0550 on 13840 French  
0600-0620 on 6165 Arabic  
0800-1000 on 15290 Japanese  
0900-1000 on 15290 Japanese  
1430-1450 on 13725 Persian  
1700-1900 on 6000 Japanese  
1700-1900 on 11945 Japanese  
1900-2100 on 15130 Japanese  
2030-2050 on 9855 French (DX Mix-Bulgaria)

**Deutsche Welle:**

0630-0700 on 9830 Hausa  
0630-0700 on 11800 Hausa  
1300-1400 on 17800 Hausa  
1425-1630 on 15195 Hausa Sat Bundesliga  
1425-1630 on 17840 Hausa Sat Bundesliga  
1600-1700 on 9810 Amharic December 1-February 20  
1600-1700 on 11830 Amharic  
1600-1700 on 15275 Amharic  
1800-1900 on 11980 Hausa  
1800-1900 on 15215 Hausa (DX Mix-Bulgaria)

**GERMANY** Very good signal of Bible Voice Broadcasting via MBR Nauen, January 6:  
0500-0515 on 9450 Arabic/English Fri (DX Mix-Bulgaria)

Reception of Evangelische Missions Gemeinden EMG via MBR Nauen, January 8:  
1130-1200 on 6055 German Sat/Sun (DX Mix-Bulgaria)

Reception of Bible Voice Broadcasting in Dari via MBR Nauen, January 8:  
1430-1445 on 11900 Dari Tue/Thu/Sun (DX Mix-Bulgaria)

Reception of Bible Voice Broadcasting in English via MBR Nauen, January 21:  
1400-1500 on 11900 English Sat (DX Mix-Bulgaria)

Very good signal of HCJB Voice of The Andes in Russian and Chechen via MBR Nauen, January 14:  
1530-1630 on 9500 Russian/Chechen Sat (DX Mix-Bulgaria)

Additional frequencies of USAGM Radio Farda:  
1630-2000 on 9910 BIB Persian  
1800-2030 on 12005 BIB Persian (DX Mix-Bulgaria)

Reception of USAGM Voice of America in Kurdish on new freq via Biblis, January 19:  
1200-1250 NF 15595 Kurdish Sun-Thu, ex 9370 (DX Mix-Bulgaria)

**GUAM** Reception of Trans World Radio India in English & Hindi via KTWR Agana, January 24:  
1245-1300 on 13740 English Mon-Fri  
1301-1309 on 13740 Hindi Mon-Fri (DX Mix-Bulgaria)

KTWR Trans World Radio Asia realy DXers Diary in English via Agana, January 15:  
from 1101 on 11965 English Wed (DX Mix-Bulgaria)

KTWR Trans World Radio Asia/Friendship Radio in Japanese via Agana, January 1:  
from 1217 on 9975 Japanese Sun (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Vietnamese via Agana, January 1:  
from 1246 on 11550 Vietnamese Sun (DX Mix-Bulgaria)

KTWR Trans World Radio Asia Dxers Diary in English in DRM mode via Agana, January 1:  
1502-1546 on 15205 English Sun DRM (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Mongolian via Agana on January 5:  
from 1044 on 12120 Mongolian (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in English via Agana, January 8:  
from 1101 on 11965 English Sun-Fri (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Chinese via Agana, January 6:  
from 1159 on 9910 Chinese Sun-Fri (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in English via Agana, January 10:  
1245-1301 on 13740 English Mon-Fri (DX Mix-Bulgaria)

Reception of Trans World Radio India in Hindi via KTWR Agana, January 5:  
1301-1309 on 13740 Hindi Mon-Fri (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in Chinese via Agana, January 6:  
from 1301 on 9975 Chinese Daily (DX Mix-Bulgaria)

Reception of Trans World Radio India in Mawchi via KTWR Agana, January 5:  
1400-1415 on 13740 Mawchi Thu/Fri (DX Mix-Bulgaria)

13660, QSL KTWR Merizo Guam, F/D QSL card in 44 days. E-mail address: [asiafeedback@twr.org](mailto:asiafeedback@twr.org). (Carlos Alberto Erdmann-Brazil via DX Fanzine #112/TopNews)

**INDIA** All India Radio External Service in Bangla/Swahili via Bengaluru, January 18:  
1203-1215 on 15030 open carrier / dead air & then Bangla UNSCHEDULED  
1215-1315 on 15030 Swahili (DX Mix-Bulgaria)

All India Radio / External Service in Dari via Bengaluru, January 15:  
1330-1500 on 9950 BGL Dari (DX Mix-Bulgaria)

Reception of All India Radio External Service in French via Bengaluru in AM mode, January 18:  
1930-2030 on 9620 French, instead of DRM mode (DX Mix-Bulgaria)

All India Radio in Swahili & Dari via Bengaluru, January 24:  
from 1217 on 15030 Swahili  
from 1330 on 9950 Dari (DX Mix-Bulgaria)

15210. All India Radio (Bengaluru) at 0303 in Nepali with songs. Poor, Jan. 13. (Harold Sellers-BC/DXplorer)

**INDONESIA** Reception of Voice of Indonesia in Dutch, French and English via Palangkaraya/Jakarta, January 11:  
1900-2000 on 3325 PGA 010 kW Dutch  
2000-2100 on 3325 PGA 010 kW French  
2000-2100 on 4750 JAK 010 kW French  
2100-2200 on 3325 PGA 010 kW English. Good signal via SDR So Phisal, Thailand  
2100-2200 on 4750 JAK 010 kW English (DX Mix-Bulgaria)

RRI shortwave broadcast requests in A23 season from March 26:  
3325 at 1700-0600 RRI  
4750 at 0200-0500 RRI  
7290 at 0500-0800 RRI  
Note the low transmitting power of Nabire 1, Jakarta Cimanggis 3 or Palang Karaya 40 kW; - and antenna type ITU #700 i.e. 'Curtain antenna, arrays of horizontal half-wave dipoles, centre fed, without reflector..' (TopNewsJan 25)

3325, reception of Voice of Indonesia in English via Palangkaraya, Dec 27 at 1300-1400 PGA 10 kW non-dir to SoEaAS in English. Fair/good via SDR Jakarta in Indonesia. (Ivo Ivanov-Bulgaria direct and hcdx via wwdxc BC-DX Topnews Dec 28)

**IRAN** The website of IRIB is no more available at due to US and international

restrictions (dot com is US based). Please try now <http://parstoday.ir>. (Walter Eibl-Germany/Worldwide DX Club)

**KOREA (South)** Reception of KBS World Radio in English via Kimjae on January 7:  
1245-1300 on 15575 10 min dead air & 5 min IS/ID in Eng/Kor,  
1300-1400 on 15575 English (DX Mix-Bulgaria)

Reception of KBS World Radio in English via Kimjae, January 11:  
1300-1400 on 9570 English (DX Mix-Bulgaria)

Reception of KBS World Radio in Russian via Kimjae on January 10:  
1300-1400 on 9645 Russian (DX Mix-Bulgaria)

11880, KBS World Radio in Spanish, logged this station on 9th August and send reception report along with audio file to their [Web form: https://world.kbs.co.kr/service/about\\_report.htm?lang=e](https://world.kbs.co.kr/service/about_report.htm?lang=e) f/d eQSL received after 3 months. (Babul Gupta, Barasat-India/Asian DX Review)

**KUWAIT** Winter B-22 shortwave schedule of Radio Kuwait:  
0200-0630 on 5959.8 Arabic General Service  
0500-0800 on 11969.7\* English DRM  
0500-0800 on 15530.0 English  
0500-0900 on 15515.0\* Arabic General Service  
0800-1000 on 7249.8 Persian  
0945-1330 on 15109.7 Arabic General Sce DRM  
1000-1200 on 17760.0\* Filipino  
1055-1330 on 9749.8 Arabic General Service  
1355-1600 on 11629.7\* Arabic Holy Qur'an Sce  
1600-1800 on 15540.0 Urdu  
1600-2100 on 6050.0\* Arabic General Service  
1700-2000 on 13650.0\* Arabic General Sce DRM  
1800-2100 on 15539.7 English DRM

2000-2400 on 17550.0\* Arabic General Service  
\* inactive transmissions (DX Mix-Bulgaria)

Frequency changes of USAGM Radio Liberty RL and Voice of America VOA via Kuwait  
1400-1600 NF 5880 Turkmen Daily Radio Liberty, ex 6060  
2130-2200 NF 11830 Bambara Mon-Fri Voice of America, ex 5885 (DX Mix-Bulgaria)

**MADAGASCAR** 11650, Radio Tamazuj (Talata Volonondry) at 0333 in Sudanese Arabic, man and woman, music bridge, into presumed news. Good, Jan. 13. (Harold Sellers-BC/DXplorer)

**MALI** 5995, Radio Nationale de Mali, Bamako, very good on 5995 often. The 31 m outlet is difficult here, but noted with sign on at 0800 on December 28. Very weak in French. (Stig Hartvig NielsenDenmark/Hard Core DX)

**MEXICO** 6185, Radio Educacion, Ciudad de Mexico, 0542-0810, 08-01, comments, "Nuestro reportaje", ID "Radio Educacion, a continuacion les presentamos...", songs, classical music. From 0800 strong QRM from Radio Nacional da Amazonia on 6180. 24432. (Manuel Mendez-Spain/Hard Core DX)

**MONGOLIA** 12085, Voice of Mongolia, Ulaanbaatar, 0940-1009, 08-01, Mongolian songs and comments, at 1000 interval signal, Chinese program. 15421. (Manuel Mendez-Spain/Hard Core DX) 12085, Voice of Mongolia, Ulaanbaatar, 0900-0915, 15-01, English program, news, comments, Mongolian songs. 25322. (Manuel Mendez-Spain/Hard Core DX)

**MYANMAR** Reception of Thazin Radio Regional Sce in Paoh via Naypyidaw, January 3:  
from 0730 on 9590 Paoh (DX Mix-Bulgaria)

Reception of Myanmar Radio in Burmese on wrong freq via Yangon, January 5:

from 0830 on 5985\* Burmese

\* instead of 9730 YAN 050 kW / 356 deg to SEAs  
Burmese Myanmar Radio  
Winter/Summer period (DX Mix-Bulgaria)

Reception of Myanmar Radio in English via Yangon, January 5:

from 1531 on 5985 English (DX Mix-Bulgaria)

**NETHERLANDS** New registered frequencies of R. Piepender, Zwolle:

0000-2400 on 13865 ZWO 003 kW Dutch Daily TEST

0000-2400 on 17515 ZWO 001 kW Dutch Daily TEST

0000-2400 on 18925 ZWO 003 kW Dutch Daily TEST (DX Mix-Bulgaria)

Licensed low-power station Radio Delta International, Elburg, has been inactive for some time because of Covid, but is recovering and resuming SW broadcasts. Transmissions will be irregular but Delta will be on the air most weekends. The planned schedule over the Christmas/New Year weekends is 0700-1600 on 6020 and 11730, 11730 also will be on air in the evening for intercontinental DX tests. Delta is working with Radio Monique International on 918, they are using Delta's transmitter and equipment (100 watt PEP), in the evening you can hear international shows on 918. (Delta Radio direct & via Peter Jones & Manuel Mendez 17 Dec/British DX Club)

Mike Radio, Heerde, has registered a new schedule in HFCC from 25 December: 0000-1600 Sun/irreg 5870 1600-2400 Sun/irreg 5840 (alt 3940) Mike Radio registers with the HFCC but is not licensed by the Dutch Telecom Agency. (British DX Club)

Radio Onda, Via a EMail for reception in NZ. "Got a few reports from Japan, where they manage to hear our radio briefly, I think that is some kind of atmospheric window that

reflects the signal and make it bounce around on the distance, we will send you a paper QSL card by post if you provide the postal address, By the way, our radio is off now due to a change of transmission site, will be back on air next year around Feb or March, also with a new frequency, 9530, that is more likely that you could catch again the signal sometimes. Regards, Julio". (Via John Durham-New Zealand/New Zealand DX Times)

6140, Radio Onda, Borculo is out of the air for the last weeks. According with an email received from the station, they are working in maintenance, changing the antenna site and other improvements. They planned to be on air again on March or a bit later. (Manuel Mendez-Spain/Hard Core DX)

**NEW ZEALAND** B-22 schedule of Radio New Zealand RNZ Pacific:

AM mode Daily

2059-0558 on 15720 English

0559-0858 on 13755 English

1259-1650 on 7390 English

AM mode Mon-Fri

0859-1258 on 13755 English

AM mode Sat/Sun

0859-1258 on 13755 English

AM mode Sun-Fri

1651-1755 on 9700 English

1756-2058 on 11725 English

AM mode Saturday

1651-1758 on 9700 English

1759-1958 on 11725 English

1959-2058 on 15720 English

DRM mode Sun-Fri

1651-1755 on 9780 English

1756-1858 on 11690 English

1859-2058 on 13840 English. The transmitter site of RNZ Pacific is at Rangitaiki. Audio is fed to the transmitter by a digital link from the studios. The transmission operation includes a control and telemetry system operating through a standard RS232 computer port. The site is unmanned & is controlled from studio of RNZ Pacific

Wellington NOTE: Expect schedule changes from time to time to take account of propagation to our target audience. Every month on the first Wednesday 2230 to Thursday 0600 (Thursday 1030-1800 NZST) is maintenance day at site Rangitaiki. During this period there may be interruptions of Radio New Zealand Pacific transmissions. (DX Mix-Bulgaria)

15720, RNZ Pacific (Rangitaiki) at 0227 carrying BBC program, 0228 announcement about leaving BBC and returning to RNZ programming, into music. Good, Jan. 13. (Harold Sellers-BC/DXplorer)

**NIGERIA** 7255, Voice of Nigeria sign on December 31 at 0608. Audio issues seem to have been solved. Previously very weak or inaudible audio. But today very clear and strong. (Stig Hartvig Nielsen/Denmark/Hard Core DX)

**NORFOLK ISLAND** Yesterday (Jan 9) I talked to Nick, VK9DX, on 40M SSB. He confirmed that he still interested in putting Norfolk Island on the air. He is looking for a 1kw transmitter to air on 5055. Nick spends 6 months on Norfolk and 6 months in Sydney (VK2DX). (Bill Smith, W10W/Hard Core DX) Much as I would love to see a broadcaster from Norfolk Island on the air, 5055 is already occupied by 4KZ in Innisfail, Queensland, which occasionally makes it into this part of the world. Can he find another channel? (Art Delibert-MD/Hard Core DX)

Radio DX transmitting from Norfolk Island on 5045, January 11:  
1020 & 1024 on 5045 DX test (DX Mix-Bulgaria)

**NORTHERN MARIANAS ISLAND** Frequency change of Voice of America in Korean via Tinian:

1900-2100 NF 9575 Korean, ex 9975. Parallel freq.7465 PHT and 9800 PHT Korean (DX Mix-Bulgaria)

**PALAU** Winter B-22 shortwave schedule of T8WH, Medorn:

T8WH Angel 3 Medorn

0835-0905 on 9930 Music Hope Radio Mon TEST

0850-0920 on 9930 Music Hope Radio Tue-Fri TEST

T8WH Angel 4 Medorn

0110-0235 on 15680 English Hope Radio Sat

0110-0350 on 15680 English Hope Radio Sun

T8WH Angel 5 Medorn

0805-0835 on 9965 English Hope Radio Mon

0805-0850 on 9965 English Hope Radio Tue-Fri

0840-1005 on 9965 English Hope Radio Sat

0810-1205 on 9965# English Hope Radio Sun

#0830-0845 on 9965 Chinese Fri Truth Talks

#1130-1200 on 9965 Korean Sun Omegaman (DX Mix-Bulgaria)

Good signal of Hope Radio in English/Chinese via T8WH Angel 5 Medorn, January 13:

from 0812 on 9965 HBN English MFC Worldwide

from 0830 on 9965 HBN Chinese Fri Truth Talks (DX Mix-Bulgaria)

**PERU** 4750, R. Huanta 2000. Jan, 17. 0057-0105. News, and ads. . 45343. (Claudio Galaz-Chile/Hard Core DX)

4775, Radio Tarma, Tarma, 0002-0014, 08-01, Peruvian songs, Spanish, comments. 15321. (Manuel Mendez-Spain/Hard Core DX)

4775, Radio Tarma, Tarma, 0008-0016, 15-01, Peruvian songs. 15321. (Manuel Mendez-Spain/Hard Core DX) 4775. R. Tarma. Jan 17, 0104-0110. Music. 45444. (Claudio Galaz-Chile/Hard Core DX)

4810 Radio Logos from Peru has reactivated. Heard Jan, 17 at 0110-0137. Devotional. (Claudio Galaz/Hard Core DX)

**PHILIPPINES** Vatican Radio Mass in Chinese via USAGM Tinang, January 7:  
1230-1310 on 7485 Chinese Mass Sat  
1230-1310 on 9720 Chinese Mass Sat (DX Mix-Bulgaria)

Very good signal of FEBC in Chinese via Bocaue, January 9:  
1000-1600 on 9275 Chinese (DX Mix-Bulgaria)

Very good signal of FEBC in Chinese via Iba on January 9:  
1400-1600 on 9345 Chinese (DX Mix-Bulgaria)

Very good signal of FEBC in Uyghur via Bocaue, January 9:  
1430-1500 on 9940 Uyghur (DX Mix-Bulgaria)

Reception of Radio Pilipinas PBS via Tinang, January 11:  
1730-1930 on 9925 Tagalog  
1730-1930 on 12120 Tagalog  
1730-1930 on 15190 Tagalog (DX Mix-Bulgaria)

**ROMANIA** Winter B-21 schedule of NEXUS IRRS Shortwave via Radiocom:  
NEXUS IRRS SW European Gospel Radio/United Nations Radio & other:  
1030-1300 on 9510 SAF English Sun tx#1  
NEXUS IRRS SW Radio City The Station of the Cars  
0900-1000 on 9510 SAF German Sat tx#1  
NEXUS IRRS SW Oromia National Media Arraata Biyyoolessa Oromiyaa  
1600-1629 on 15385 GAL Afan Oromo Mon-Wed/Fri/Sat tx#2 (DX Mix-Bulgaria)

Radio City/The Station of the Cars in German via RADIOCOM Saftica, January 21:  
0900-1000 on 9510 German 3rd Sat (DX Mix-Bulgaria)

**RUSSIA** Winter B-22 shortwave schedule of Radio Purga / Chukotka:  
2000-2200 on 6025 K/A 020 kW Russian DRM mode  
2200-0100 on 11860 K/A 020 kW Russian DRM mode  
0100-0600 on 15325 K/A 020 kW Russian DRM mode  
0600-1000 on 6025 K/A 020 kW Russian DRM mode (Anatoly Klepov-Russia RUSdx #1219 via wwdxc BC-DX TopNews Jan 9)

**SAO TOME** Frequency change of USAGM Voice of America VOA via Pinheira:  
1030-1100 NF 17775 Somali Daily, ex 15710  
1400-1500 NF 17530 Kirundi Sat/Sun, x 9885 (DX Mix-Bulgaria)

**SOLOMON ISLANDS** Solomon Islands Broadcasting Corporation via Honiara, January 2:  
from 0900 on 5020 HON 010 kW All Pacific English (DX Mix-Bulgaria)

**SRI LANKA** 11905, Radio Sri Lanka (Trincomalee) came on the air at 0159 with Hindi singing to 0202 then woman with announcements, back to songs. Good, Jan. 13. (Harold Sellers-BC/DXplorer)

**TAIWAN** Reception of Radio France International in Vietnamese via Paochung, January 1:  
1300-1358 on 9650 Vietnamese (DX Mix-Bulgaria)

Reception of Fu Hsing BS in Chinese CUSB mode via Kuanyin , January 3:  
from 0800 on 9410 Chinese CUSB (DX Mix-Bulgaria)

Radio Taiwan International in Amoy via Paochung, January 4:  
0900-1000 on 9400 Amoy  
0900-1000 on 12065 Amoy (DX Mix-Bulgaria)

Reception of USAGM Radio Free Asia in Khmer via Paochung, January 20:

1230-1330 on 11885 Khmer (DX Mix-Bulgaria)

From 1 January 2023 Radio Taiwan International's Korean Service will be transmitted with the following frequency changes. 1030-1058 / 9570, 2200-2230 / 6085 & 2300-2330 / 9570. (British DX Club)

Rumen Pankov writes: On 29 October I received 13 envelopes with 20 QSLs from Radio Taiwan International for reports sent between July 2020 and October 2022: 8 envelopes with 8 QSLs from the Russian Service; 3 from the French Service with 7 QSLs and 2 from the German Service with 5 QSLs. The delay was due to the Covid situation when mail from Taiwan was suspended. (Rumen Pankov-Bulgaria via "Communication" monthly magazine Jan 2023, BrDXC.UK iogroups Jan 16)

**THAILAND** HSK9 Radio Thailand World Service in Thai via Udorn Thani, January 9: 1800-1830 on 7475 Thai 1930-1945 on 7475 Thai (DX Mix-Bulgaria)

HSK9 Radio Thailand World Service in English via Udorn Thani, January 9: 1830-1930 on 7475 English (DX Mix-Bulgaria)

**TURKEY** Instead of the traditional English name Turkey (pronounced "Terki"), all official documents use the word Turkiye - this is how the name of the country is pronounced in Turkish. Turkey has been actively promoting its image and its products on the world market for several years in order to achieve maximum recognition of the country as a brand. The change in the name of the state is intended to formally finalize this PR campaign of Ankara. In particular, the country continues to actively promote the brand "Turk mal" ("Made in Turkiye") in the world. In June 2022, the official representative of the UN Secretary General, Stephane Dujarric, announced that the world

organization had satisfied Turkey's official request to change the name of the republic in all official documents in foreign languages so that it was written in accordance with Turkish phonetic norms. QSL card of the Russian service Golos Turkie. Oct 03, 2022; 1400-1454 for 9410. (Anatoly Klepov-Russia RUSdx #1219 via wwdxc BC-DX TopNews Jan 9)

**UNITED ARAB EMIRATES** 15215, QSL Gaweylon Tibetan Radio, via ENC Dhabbaya, F/D E-QSL in 14 days. E-mail address: [gaweylon@gmail.com](mailto:gaweylon@gmail.com). (Carlos Alberto Erdmann-Brazil via DX Fanzine #112/TopNews) 15215, QSL Gaweylon Tibetan Radio via ENC Dhabbaya, E-QSL, 18 days. Report sent to this e-mail address: [gaweylon@gmail.com](mailto:gaweylon@gmail.com). (Alexander Myadel-Belarus via DX Fanzine #112/TopNews)

**UNITED KINGDOM** Canceled shortwave transmissions of BBC Bengali Service: 1330-1400 on 9510 SNG Bengali from January 1 1330-1400 on 9900 TAC Bengali from January 1 1330-1400 on 11750 SLA Bengali from January 1 1630-1700 on 7265 SLA Bengali from January 1 1630-1700 on 9585 SNG Bengali from January 1 (DX Mix-Bulgaria)

**USA** WMLK Radio broadcasting six days a week: 9275 from 1700-2200 15150 from 0400-0900 (The Sacred Name Broadcaster)

Reception of Voice of Indonesia in English via WRMI#13 Okeechobee, January 18: 0800-0900 on 7780 English Sun-Thu (DX Mix-Bulgaria)

WRMI-07 relay Radio Africa Network in English via Okeechobee, January 25:

1500-2100 on 17790 English (DX Mix-Bulgaria)

Good signal of WMLK Radio Assemblies of Yahweh via Bethel, January 25:  
1700-2200 on 9275 English Mon-Fri (DX Mix-Bulgaria)

Voice of Indonesia in Indonesian/English via WRMI#13 Okeechobee, January 26:  
0800-0900 on 7780 English Sun-Thu (DX Mix-Bulgaria)

Additional The Mighty KBC Broadcasts after Sunday airing

2200-2400 on 5950 English Sun WRMI-08  
Repeat broadcasts of The Mighty KBC via WRMI Okeechobee as follows:

0200-0300 on 5850 English Sun WRMI-12  
1600-1700 on 15770 English Wed WRMI-09  
1100-1200 on 15770 English Fri WRMI-09  
0200-0300 on 5850 English Sat WRMI-12  
0800-0900 on 7780 English Sat WRMI-13 (DX Mix-Bulgaria)

Additional transmission of The Mighty KBC via Okeechobee:

0000-0200 on 9455 English Sun WRMI-05 (DX Mix-Bulgaria)

Reception of WJHR Radio International in English in USB mode via Milton, January 2:  
1400-2200 on 15555 English USB Daily (DX Mix-Bulgaria)

Frequency change of USAGM Voice of America VOA in Kurdish, various locations:

1200-1250 NF 15595 BIB Kurdish Su-Th, x 9370  
1400-1500 NF 15595 WOF Kurdish Daily, x 15600 (DX Mix-Bulgaria)

Reception of Vatican Radio in Spanish via USAGM Greenville, January 23:

1214-1230 on 7305 16 minutes dead air for 15 minutes broadcast!  
1230-1245 on 7305 Spanish (DX Mix-Bulgaria)

WRMI relaying Israel Radio. WRMI has started carrying Israel Radio (Kan) in English, the broadcast is aired daily from 0500-0600 on 7730 and 15770. (British DX Club)

WRMI has added new 4980 from 0200-0500 carrying the WRMI Legends programming. This switched to 5085 for a few days in mid December, but has reverted to 4980 now that WTWW is planning to resume on 5085 from 15 January (see WTWW below) (British DX Club)

WTWW transmitter repairs George McClintock of WTWW is carrying out repairs to the SW transmitters which have been silent since the station's abrupt closure on 10 November. He had originally said that they would be sold. But reports via Glenn Hauser at World of Radio indicate that repairs are being carried out with a view to resuming SW broadcasts. On 18 December he wrote: Our return to 5085 is set for 15 January 2023. The 5085 transmitter is in total disrepair. Modules are being repaired. It is expected to return at 100 KW. (George McClintock WTWW via Glenn Hauser/British DX Club)

7780, Voice of Indonesia via WRMI. Dec 31, 0800+ UT: VOI - Channel II relay in English from WRMI; very brief news (ASEAN item); after the news, as usual, played patriotic song "Bagimu Negeri"; numerous VOI IDs; YL DJ with the majority of the programming being pop Western style songs; mentioned "last day of 2022"; OM wishing "R-R-I" listeners a Happy New Year; 0815, world weather report, starting with Banjarmasin, etc.; several brief spots (not programs!) about indigenous music and foods; 0830, "Newsflash," weather warning. Certainly this is NOT the relay of VOI - Channel I, as noted on 3325; as heard from 1300 to 1400, in English. I would say that Channel I has more indigenous information about Indonesia,

while Channel II has more of a Western style flavor to it. (Ron Howard-CA)

**UZBEKISTAN** Bible Voice Broadcasting in English via MBR Tashkent, January 21:  
1200-1230 on 11800 English Sat (DX Mix-Bulgaria)

Bible Voice Broadcasting in English via MBR Tashkent, January 8:  
1230-1245 on 15209.8v Bahasa Malay Sun (DX Mix-Bulgaria)

Bible Voice Broadcasting in English via RRTM Telecom Tashkent, January 13:  
1300-1330 on 11590 English Mon-Wed (DX Mix-Bulgaria)

BVBroadcasting in English/Korean via RRTM Telecom Tashkent, January 20:  
1300-1315 on 11590 English Fri. Fair signal via SDR Daejeon, Korea South  
1315-1330 on 11590 Korean Fri (DX Mix-Bulgaria)

**VANUATU** VTBC Radio Vanuatu in English/Bislama on wrong freq via Port Vila, January 2:  
from 0900 on 7260 PVL 2.5 kW All Pacific English/Bislama, instead of 3945 & respectively no signal on 2nd/3rd harmonic 7890/11835 (DX Mix-Bulgaria)

Radio Vanuatu via Port Vila, January 11:  
from 0900 on 3945 PVL 2.5 kW Bislama  
from 0900 on 7890 (2nd harmonic of 3945) Bislama  
from 0900 on 11835 (3rd harmonic of 3945) Bislama (DX Mix-Bulgaria)

**VATICAN** 15565, Vatican Radio (SM Galleria) at 1630 sign-on in English, into church news.

Fair, echo, //13830 via Madagascar poor-fair, Dec. 30. (Harold Sellers-BC/DXplorer)

**VIETNAM** Voice of Vietnam 5 External Service in French via Sontay, January 12:  
1200-1228 on 7285 French (DX Mix-Bulgaria)

Voice of Vietnam 5 External Service in English via Sontay, January 13:  
1000-1028 on 9840 English  
1000-1028 on 12020 English, NOT ON AIR (DX Mix-Bulgaria)

Voice of Vietnam 5 External Service in English via Sontay, January 17:  
1230-1258 on 9840 English  
1230-1258 on 12020 English, NOT ON AIR (DX Mix-Bulgaria)

Voice of Vietnam 5 External Service in English via Sontay, January 17:  
1330-1358 on 9840 English  
1330-1358 on 12020 English (DX Mix-Bulgaria)

**ZAMBIA** Winter B-22 shortwave schedule of Voice of Hope Africa Lusaka:  
0400-0800 on 9680 English Daily tx#1  
0400-0800 on 11680 English Daily tx#2  
1200-1400 on 9680 Swahili Daily tx#1  
1400-1600 on 6065 English Daily tx#2  
1400-1600 on 9680 English Daily tx#1  
1600-2100 on 4965 English Daily tx#1  
1600-2100 on 6065 English Daily tx#2 (DX Mix-Bulgaria)

Schedules, news and other information about shortwave broadcasting activity can be send to Richard A D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610 or via e-mail to [rdangelo3@aol.com](mailto:rdangelo3@aol.com) (please indicate in the subject that your contribution is for Listeners Notebook). Thanks! 73, Rich

# Pirate Radio Report

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Welcome everyone to another edition of the Pirate Radio Report.

Pirate radio activity has been as robust as ever! After an active Christmas holiday, New Year's Eve and New Year's Day shaped up to be just as active with *Wolverine Radio/WDDR*, *Sycko Radio*, *WENO*, *WCDW*, *Thunder Chicken Radio* and *Radio Free Whatever* all taking to the airwaves. Weekends continue to be the most active time. Remember to check [HF Underground](#), [Free Radio Weekly](#) and [The Free Radio Network \(FRN\)](#) for the latest in pirate radio activity throughout the entire radio spectrum.

The 36th Annual (!) Winter SWL Fest is going to be a virtual affair again this year. It will be held for one day only, on Saturday March 4, 2023. I hope to meet with other pirate radio enthusiasts in the "Bob Brown Memorial Hospitality Suite" - A virtual hospitality room, sponsored once again by the Canadian International DX Club (CIDX).

Andrew Yoder's [Hobby Broadcasting Radio](#) for February 2023 will feature a conversation with HF Underground's own Chris Smolinski and can be heard on the third Thursday of each month at 0400 UTC on WBCQ 5160 kHz.

Many thanks to this month's contributors: Glenn Hauser, Greg Majewski, Bill Montney, Ralph Perry, Gianni Serra, Mark Taylor and Jack Widner for their continued support.

4015-USB, PIRATE-NA. **WOLVERINE RADIO**. 0131, 01-15-23, Program of "ONE or another" dilemmas (most often romantic) songs

include: "If you can't be with the one you love, love the one your with", "One way or another" - Blondie, "One thing leads to another" - The Fixx, ID, SSTV (front and back of a Liberty dollar with "Wolverine Radio"), Fair although noisy. (Taylor-WI)

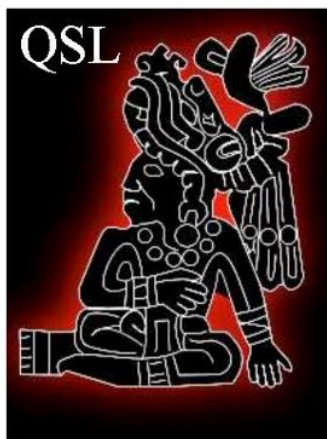
4030-USB, PIRATE-NA. **WDDR**. 0355, 1-01-23, DJ Drunken Radio playing classic rock including Steely Dan and Joan Armatrading. Noisy signal here, but I checked an SDR in Milford PA and the signal was quite good there. (Widner-PA)

4030/4034-USB, PIRATE-NA. **WANK**. 0139, 01-06-23, Rock music, into "Baron von Pretzelsyten", slowly moved to 4034 USB, then disappeared ~ 0148. Poor-fair. (Taylor-WI)

4030-AM. PIRATE-NA. **BALLSMACKER RADIO**. 0058, 01-14-23, "Too Much Heaven" - Bee Gees, "Knockin' on heaven's door" - Bob Dylan, "Something happened on the way to heaven" - Phil Collins, into a program of "Heaven" themed music. Started good, however signal deteriorated with increasing QRN to poor. (Taylor-WI) 0308, 01-14-23, YL talk and music, S8/S9 with het on plus side. (Hauser-OK)

4185-AM. PIRATE-AM. **X-FM SHORTWAVE**. 0257, 01-15-23, Redhat playing favorites of the past couple of years as well as on breaks for talking about music, why he doesn't like Facebook, why he moved to 75 meters, shout outs to HF Underground (including me). Good. (Taylor-WI)

# All Azteca Relay Service



Dear Greg Majewski -CT, USA

The **A.A.R.S** is pleased to confirm our relay of Radio Azteca #1,10 on January 22, 2023 at 2350 UTC on 6975.5 kiloHertz. Power 50 watts – Mode AM. This is **not** a Radio Azteca QSL, but a QSL from the official Radio Azteca Relayer.

Radio Azteca QSLs can only be obtained by sending an excruciatingly detailed reception report to P.O. Box 1, Belfast, NY 14711, USA. Incorrect reports may receive a rejection card!!

[allaztecarelayservice@gmail.com](mailto:allaztecarelayservice@gmail.com)

4190-USB, PIRATE-NA. **WENO**. 0146, 01-02-23, "Ocean" by Velvet Underground, ID sequence which went on for about a minute, into songs by David Bowie, Carbon Based Lifeforms, Brian Eno, Devo and many others. Fair signal. (Taylor-WI)

5879.97-AM, PIRATE-EUROPE. **RADIO ROCK REVOLUTION**. 1728, 01-01-23, ongoing rock songs; better in USB. Poor/almost fair at times (Serra-Italy)

6030-AM, PIRATE-NA. **BALLSMACKER RADIO**. 0157, 01-06-23, "Wildfire" IS, ID, "Shout" - Tears for Fears, "I count the tears" - The Drifters, ID, into a program of "Tears" related songs. Started fair, however signal deteriorated to poor when I quit about 0250. (Taylor-WI)

6284-AM, PIRATE-EUROPE. **RADIO JOEY**. 1620, 01-15-23, only playing disco, techno, folk songs. Fair (Serra-Italy)

6880-USB, PIRATE-NA. **MIX RADIO INTL**. 2333, 01-21-23, fair-good. An interview between Andrew Yoder /Hobby Broadcasting

Casting Show part 3, and Chris Smolinski / HF underground advocate. Show topic: Pirate radio / and much subject matter involved that makes it. Thanks for the program. Needed to hear it! (Montney-MI), A nice discussion of the HFU and government monitoring of it. Excellent Signal. (Majewski-CT)

6885-AM, PIRATE-NA. **RADIO GAGA**. 0016, 01-09-23, Music selections from The Monkees, Ry Cooper, Roger Miller & Moody Blues (in Spanish) among others. Noisy reception. S4. (Penney-MA)

6920-USB, PIRATE-NA. **WDOG**. 2005, 01-01-23, Played songs from 1961 to 1991. Nice music. Good Signal with some fading (Majewski CT)

6925-USB, PIRATE-NA. **RADIO FREE WHATEVER**. 0103, 01-02-23, ID and talk by DJ Dickweed into a program of Indie music, prepared IDs, and talk breaks including shout outs to folks on HF Underground who logged him. Mentioned drinking cheap gin at one point, and later having difficulty with transmitter problems. (Taylor-WI)

6925/4185-USB, PIRATE-NA. **SYCKO RADIO**. 0433, 01-01-23, ID, section on Bali Frank from HFU, "Everyone wants a piece of the action" (punk), ID, "what to do next" then played "Dream weaver", talk about 2023 and QSLs. Good. (Taylor-WI) (Majewski-CT)

6925-USB, PIRATE-NA. **TWO DOG RADIO**. 0225, 01-08-23, rock music at S6/S7, the OPOB = only pirate on band, that is audible. These say it's Two Dog Radio: <https://www.hfunderground.com/board/index.php/topic,107892.0.html> (Hauser-OK)

6925-AM, PIRATE-NA. **ION RADIO**. 2208, 01-11-23, Songs by the likes of Stray Cats, Grateful Dead, with Ronald Regan jokes about the Soviet Union. Fair/Good signal.

(Majewski-CT), 2246, 01-11-23. Indistinct signal with OM, YL, (Taylor-WI)

6925-USB, PIRATE-NA. **WAVE RADIO**. 0141, 01-19-23, "Sirens" - Dizze Rascal, 0147 ID, more dance music, YL synth voice, into program of contemporary dance music with periodic IDs. Poor - fair overall. (Taylor-WI), 2323, 01-21-23, pirate music at S7.

A few minutes later, some IDs as WAVE Radio, per:<https://www.hfunderground.com/board/index.php/topic,108497.0.html> (Hauser-OK)

6925-USB, PIRATE-NA. **YEAH MAN RADIO**. 2326, 01-20-23, good! Diana Ross and the Supremes w/"I'm Gonna Make You Love Me," BJ Thomas follows/"Rain Drops Keep Falling on my Head," 23:30 OM w/ID and "from 1969 next," the CowSills w/"Hair," Ann cr w/"The

first broadcast of the year, less talk / more mx on this million dollar weekend." (Montney-MI) 2330, 01-20-23, Yeah Man doing a nice Million Dollar Weekend show. Lots of sixties pop music. Good Signal (Majewsk-CT)

6929.9-AM, PIRATE-NA. **HAPPY HAPPY RADIO**. 2243 - 2253, 01-23-23, Music selections from Love Affair, Bossa Nostra & Jestofunk. Good signal. S6. (Penney-MA)

6931-AM, PIRATE-EUROPE. **INDY RADIO**. 1814, 01-2-23, man/woman unclear talk, playing rock songs, w/man DJ brief and longer unclear talk at times. Poor/very poor no audio at times. (Serra-Italy), 2304, 01-15-23, this was poor signal with barely heard audio, male speaking. I could see the carrier on the waterfall. ID was from HFU. (Majewski-CT)

6935-USB, PIRATE-NA. **B-SIDE RADIO**. 0132, 01-08-23, Fair Cannon Ball Adderley w/"Miss Jackie's Delight" OM ann cr w/ comments on

mx played, shout-outs to HF underground. (Montney-MI)

6935-USB, PIRATE-NA. **CLOUDSPLITTER RADIO**. 2136, 01-06-23, the show was the "Transport yourself back to the eighties". Nice eighties tunes like Ah Ha "Take on Me". Started with a good signal and then started to fade at 2200. (Majewski-CT), 2114, 01-06-23, good-fair. On-going from Men at Work w/"Down Under," A-ha w/"Take on Me," YL w/"Taking you back to the 80's" and ID. (Montney-MI)

6935-USB, PIRATE-NA. **OUTHOUSE RADIO /UNID(?)**. 0000, 01-14-23, fair. "Who Are You" / The Who starts it off. The Who again w/ "Who are you?" then "Ba-Ba O'Riley", AC/DC w/ "You Shook Me all Night Long." SSTV w/ ID. Ann cr. w/ "It is Friday the 13th you know, almost like a religious holiday." (Montney-MI), 0026, 01-14-23, Good with increasing QRN. (Taylor-WI)

6935-AM, PIRATE-NA. **B-SIDE RADIO**. 0136, 01-22-23, fair-poor. Ol' Blue Eyes / Frank Sinatra here w/ "Come Fly With Me," appropriately Dean Martin follows w/ "Ain't That a Kick in the Head" (Love it!) Difficult hearing as audio-clarity dives to the floor. (Montney-MI), 0125, 01-22-23, Barely audible music and some talk by the op. Poor. (Taylor-WI)

6937-USB, PIRATE-NA. **DOCTOR ZEEKY**. 2245, 01-06-23, good. Opening up w/Mackenzie Carpenter - "Hunting Season," Kevin MacLoud w/ "Classic Christmas favorites," Barnyard mx, CCR w/ "Have you ever Seen the Rain.", Israel Kamakawiwo'ole w/ "Somewhere Under the Rainbow." (Montney-MI), 2322, 01-06-23, Good Signal (Majewski-CT)

6938-USB, PIRATE-NA. **WIND RADIO**. 2303, 01-04-23, good. Sod Ven w/"Feel ItAll", Wildes w/ "Far and Wide", Also caught: The

Wombats, Bonobo, Infract, Old Sea Brigade, Sam Allen, OM w/ID and "See you around." (Montney-MI), 2256, 01-04-23, Fair Signal (Majewski-CT)

6945-USB, PIRATE-NA. **WWW**. 2345 - 0100, 01-14-23, Rock music selections from ZZ Top, Blue Oyster Cult, Norman Greenbaum, Rush & others. OM w/ID: "Whiskey-Whiskey-Whiskey- Whiskey 100 watts the state of Alabama". Decent Reception S5. (Penney-MA)

6949.9-AM, PIRATE-NA. **CAPTAIN MORGAN SW** 2342, 01-07-23, good. The Fabulous Thunderbirds going-on w/"Can't Stop Rockin," Ike Turner and Lonnie the Cat next on w/"I Ain't Drunk" (love it), YL w/ ID, sound like the Twilight-Zone Theme, OM anncr w/"Mid-winter Program Capt. Morgan. (Montney-MI)

6950-USB, PIRATE-NA. **THUNDER CHICKEN RADIO**. 2141, 01-01-23, "Cluck, cluck, cluck" into a country song and program of hard driving rock eventually an SSTV of Thunder Chicken. Fair. (Taylor-WI)

6950/4030-USB, PIRATE-NA, **WOLVERINE RADIO/WDDR**. 0106, 01-01-23, Some CW, bit of SSTV, "Echo" ID, SSTV (picture of universe with "Wolverine Radio"), Drunken DJ with an encore "Galaxy Song" - Monty Python. Drunken DJ playing music, taking requests, shouting out to folks who logged him HF Underground, playing SSTV for folks on HF Underground with an image related to their avatar. .a Very good. (Taylor-WI)

6955-USB, PIRATE-NA, **RADIO FREE WHATEVER**. 2151, 01-14-23, good. Sounding like theme mx from Star-Wars(?). DJ Dickweed introducing his show for the eve. Plenty of mx logged from these following artists: TrySam, Miss Grit, Frankie Rose, Paramore, Bones UK, Black Lips, Pretty Sick. DW with the usual comments and

introductions. Also shout-outs to HFU listeners. (Montney-MI)

6960-AM, PIRATE-NA. **BALLSMACKER RADIO**. 0200, 01-21-22. "Wildfire" IS, 0200 bowling pin strike, ID, "4030 from somewhere in the Northeast", bowling pinstripe, into a program of "Dance" themed music. Fair. although noisy at times. (Taylor-WI)

6965-AM, PIRATE-NA. **THE BEGINNING SW**. 2120, 01-16-23, Music selections from Roosevelt, Way Out West, Vinai, Kaleidoscope & others. OM w/ID. Good signal. S8. (Penney-MA)

6974.9-AM, PIRATE-NA. **RADIO NOWHERE MAN**. 0039, 01-16-23, Somewhat Chinese traditional ambient music, wide variety of music, jazz, punk, ambient, contemp. Rock, etc. all segued. 0158 YL "This is Radio Nowhere Man". Fair. (Taylor-WI)

6975.5-AM, PIRATE-NA. **ALL AZTECA RELAY SERVICE**. 2354, 01-22-23, A show of the classic Azteca Radio show #12. These were great shows with satire of the hobby. Nice to hear them again. I received an eQSL for my posting on the HFU. Good Signal (Majewski-CT)



## **Pirate News**

### **FCC Says Its Pirate Enforcement Is Picking Up, Including New Hires and Equipment.**

#### **INSIDE RADIO**

*Jan 26, 2023*

The Federal Communications Commission says its battle against pirate radio returned to more normalcy as the agency's pandemic response became less restrictive and it had more flexibility to return to undertaking more investigations. The result is the Enforcement Bureau took 38 actions against alleged operators of unlicensed stations, including issuing 21 notices during 2022 to property owners where those stations were broadcasting from.

"Because pirate radio stations often cease operating for a period of time but then return, the Bureau will continue to monitor the properties for which notices were provided and will initiate enforcement action where appropriate," the FCC says in an annual report about its progress in combatting pirates. The annual report is now required under the Preventing Illegal Radio Abuse Through Enforcement Act or PIRATE Act, which was signed into law by President Trump in January 2020.

If the number of enforcement actions seems small, the FCC explains that ever since the new law took effect field agents have been hampered by not only the pandemic but also a "lack of funding" to implement many of the requirements in the law. It is a similar complaint the FCC shared with lawmakers when it issued its previous report a year ago.

The PIRATE Act raised the potential maximum fine for those found guilty of operating or supporting an unlicensed station to \$100,000 for a single act of

violation, up to a \$2 million maximum. It also gave the FCC additional enforcement authority over property owners and managers that permit pirate radio stations to operate from their property.

Under the new law, the FCC was required to build a database of pirate radio stations. This week the Enforcement Bureau released its first version of the database, covering all of the agency's interactions with alleged

<b>Where Pirates Were In 2022</b>	
<b>State</b>	<b>Actions</b>
New York	18
Pennsylvania	6
Maryland	4
Massachusetts	2
New Jersey	2
Florida	1
Arkansas	1
Nevada	1
Michigan	1
Oregon	1
Colorado	1

Source: FCC database

pirates last year. It shows nearly half of the pirate enforcement actions were in New York, where there were 18 investigations last year. Pennsylvania accounted for 16% of the investigations, while Maryland is where another 11% of cases were focused.

### **Pirate Sweeps Begin**


The PIRATE Act also required the Commission to conduct annual enforcement "sweeps" in


five cities where pirate radio is the biggest problem at least once a year. And then, within six months, field agents are mandated to return to those markets to conduct “monitoring sweeps” to determine whether the unlicensed operators simply powered back up or changed frequencies.

Those sweeps were slow to begin – not because of the pandemic, but because Congress failed to provide additional funding to the FCC to conduct them and the agency opted not to shift existing resources to pay for the staff needed to meet the requirement. But that should change this year since the Biden administration included funding for the pirate enforcement as part of the FCC’s current \$390 million budget for the fiscal year ending Sept. 30. Under the Biden proposal, the Enforcement Bureau would receive an increase of \$5 million to implement the new law and to hire the 15 new employees. To date, the FCC has posted six full-time positions – five field agents and one field counsel – and it says it has additional hires planned toward the end of the fiscal year.

Even without the additional staff, the FCC report says its staff reviewed pirate radio complaints in order to identify the current top five markets with the most pirate radio operations. “The Commission developed a plan for pirate sweeps, which was initiated in the fourth quarter of 2022,” it says, offering no further details.

The annual report to Congress also says that more money is being spent on FCC equipment to hunt down pirate stations. That includes developing new mobile direction-finding vehicles to help field agents trace a pirate station back to its home base. The FCC says it also is prepared to purchase six vehicles to support the additional staff that will be hired. That process has been delayed, however, until a government purchase window opens. In the meantime, the FCC says it will continue to use older, existing vehicles in its fleet that were scheduled to be taken out of service. It has also begun to purchase and develop investigative tools that will be integrated into the new direction-finding vehicles after they are purchased.

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](mailto:hq@naswa.net). Missing issue emails should CC [rm271828@gmail.com](mailto:rm271828@gmail.com). Thanks! 

**NASWA Electronic Flashsheet:** Are you getting the latest hot information about what is happening on the shortwave bands? If you have not signed up for the club’s electronic Flashsheet service, you are missing out on timely news and information about the DX scene that will enhance your shortwave listening pleasure. If you are a current member of the club and want to receive the electronic Flashsheet, just drop Rich Cuff ([hq@naswa.net](mailto:hq@naswa.net)) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic Flashsheet edited by Mark Taylor, [markokpik@gmail.com](mailto:markokpik@gmail.com). The club’s electronic Flashsheet helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly Journal for the timely dissemination of DX loggings and breaking news. 

# Contributors' Page

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The following people made contributions to this issue:

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

<b>Member</b>	<b>Equipment</b>	<b>Column</b>
<b>Greg MAJEWSKI</b> , Oakdale, CT		P
<b>Mark TAYLOR</b> , Madison, WI		P
<b>Rich D'ANGELO</b> , Wyomissing, PA		L
<b>Vince HENLEY</b> , Anacortes, WA		L
<b>Eric BUENEMAN</b> , Hazelwood, MO & DXped to Harry S Truman Park, MO		L
<b>Gayle VAN HORN</b> , Brasstown, NC		N
<b>Glenn HAUSER</b> , Enid, OK		LN,P
<b>Bill MONTNEY</b> , Monroe, MI		P
<b>Jack WIDNER</b> , Edinboro, PA	Tecsun PL-990, about 20 foot longwire attached to outside.	L,P
<b>Pamela PRODAN</b> , Wilton, ME	Eton Field BT & Grundig 400PE	L
<b>Anker PETERSEN</b> , Skovlunde, Denmark		N
<b>Ralph PERRY</b> , Wheaton, IL		P
<b>Jim EVANS</b> , Germantown, TN		L
<b>Gianni SERRA</b> , Roma, Italy		P

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.

# Loggings

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- 4840 **UNITED STATES WWCR** Nashville, TN 0105-0111 heavy rock incl Ozzie Osborne "No More Tears"; 12/11 fair-good (Prodan-ME)
- 4890 **OPPOSITION/RESISTANCE Echo of Hope/VoH** (From RoK; to/against DPRK) at 1130. Talk; W in Korean -- Poor to Fair; CCI (Jamming) 12/13 (Barton-AZ)
- 4900 **CHINA Voice of the Strait** 1315, M and W presenters, soft female vocal music -- Fair to Good 12/15 (Barton-AZ)
- 4980 **UNITED STATES KSKO** via WRMI, Miami, FL, 2243-0059\* Dec 23, Paul Winter with special Christmas programming essentially taking his live Christmas special feed and relaying it on shortwave with many KSKO station IDs with mentions of relays by Bulgaria and WRMI. Jeff White closed session with WRMI station ID. Fair to good signal. (D'Angelo-PA)
- 4985 **UNITED STATES US Navy TTY**, Andrews Air Force Base, MD 2317+ teletype; good 12/10 (Prodan-ME)
- 5000 **UNITED STATES WWV** Fort Collins, CO – 1/1 2042 noted with UTC time check in English and time signals. SIO 333. (Bueneman-MO/HSTDx)
- 5025 **CUBA Radio Rebelde** CMBA Bauta, Ciudad de la Habana – 1/1 2144 noted with commentary in Spanish. SIO 212, increasing to 323 after 2200. (Bueneman-MO/HSTDx)
- 5085 **UNITED STATES WRMI** Okeechobee, FL – 12/20 0201 noted with pop/rock oldies, reading from Psalm 106, legal ID and "WRMI USA" jingle ID in English. SIO 434. (Bueneman-MO)
- 5505 **IRELAND Shannon VOLMET** – 12/16 0153 noted with weather reports for various European airports, "This is Shannon VOLMET, Shannon VOLMET" ID in English at 0155. SIO 333 in USB mode. (Bueneman-MO)
- 5845 **PHILIPPINES BBC** in KK to FE via Tinang. January 11, 2023, 1619 – 1625. SIO 555. Language Lesson, "What is your name?" "My name is . . ." KK / EE language lesson. Excellent signal, easy listening. OM and YL instructors. (Henley, WA)
- 5845 **PHILIPPINES BBC** in KK via Tinang. January 14, 2023, 1541 – 1550. SIO 444. YL in talk and commentary. Target is FE. Language lesson at 1545. "My name is . . ." "His name is . . ." "Her name is . . ." OM and YL instructors. (Henley, WA)
- 5850 **SCOTLAND [non] WRMI** UT Fri Jan 13 at 0230-0245, WRMI playing pop/rock/rap music, fill? instead of classical `Encore` still scheduled at 0200-0300. Notified Jeff White and Brice Avery: there was an error in the file name, repaired so further repeats will be OK (Glenn Hauser, OK)
- 5900 **BULGARIA KSKO** via Space line, Sofia, 2243-0059\* Dec 23, Paul Winter with special Christmas programming essentially taking his live Christmas special feed and relaying it on shortwave with many KSKO station IDs with mentions of relays by Bulgaria and WRMI. Fair to good signal. (D'Angelo-PA)

- 5900 **OPPOSITION/RESISTANCE *National Unity Radio*** (to/against N Korea) 1145. National Unity Radio at 1145. Talk by M in Korean, some soft female vocal music -- Fair to Good 12/30 (Barton-AZ)
- 5910 **ROMANIA *Radio Romania Intl*** Romanian 0113-0116 music, f singer, electronic music; fair-good 12/11 (Prodan-ME)
- 5915 **CHINA *China Radio Int'l*** (Huhhot) 1045, soft female vocal music, W presenter in Russian lang. -- Fair to Good 12/13 (Barton-AZ)
- 5930 **VATICAN *BBC*** – Santa Maria di Galeria, 0146-0159\* Dec 31, two men announcers talking in the listed Dari language followed by a woman announcer. Closed with announcements and statin ID before carrier was terminated. Poor. (D'Angelo-PA)
- 5930 **OPPOSITION/RESISTANCE *Shiokaze/Sea Breeze*** 1330, M, then W, in Korean, musical synthesized tones between segments, all very familiar. We last heard them earlier in the month on 6085. Some jamming heard at times, so Jong-Un and Yo Jong must know by now they have moved here. Stronger jamming near the close, which was the familiar piano music and off on-the-hour -- Fair 12/30 (Barton-AZ)
- 5935 **UNITED STATES *WWCR*** Nashville, TN 0116-19 guitar music & announcement about Sunday service, "4 hour pure bible teaching with music" very good 12/11 (Prodan-ME)
- 5950 **UNITED STATES *WRMI*** Okeechobee, FL 2345-0000 Texas Radio Shortwave: songs about places in Texas, incl "El Paso" (but not Marty Robbins version); good 11/5 (Prodan-ME)
- 5950 **UNITED STATES *WRMI*** Okeechobee, FL 0200-0300 Radio Stromso DX reminiscences and Finnish music; good 12/11 (Prodan-ME)
- 5960 **GERMANY *Mighty KBC*** 0005-0200 music, starting with "Wild Wild Party Tonight" and at 0133 Dan Hicks & His Hot Licks "Canned Music"; good 12/11 (Prodan-ME)
- 5960 **GERMANY *Mighty KBC*** 0130-0200 Giant Jukebox Erik van Willigan noted that in 2023 his and Dave Mason's shows would be changing stations (to WRMI), frequency (to 5950), and time (to 2200-0000); fair 12/18 (Prodan-ME)
- 5960 **TURKEY *Voice of Turkey*** English 2304-2314 f ann news incl Pope, US storm deaths, then analysis of challenges & opportunities for Turkey in area crises: Ukraine-Russia war, Russia-Turkey-Syria conflict, Iraq & PKK; fair 12/25 (Prodan-ME)
- 5965 **CHINA *China Radio Int'l***; in RR to Siberia. January 11, 2023, 1527 – 1533. SIO 444. Mixed announcers in RR. MX, talk, and commentary. Good signal easy listening. (Henley, WA)
- 5990 **ROMANIA *Radio Romania Intl*** French 0204-56 f + m Ann folk songs about winter "Bonhomie de Neige," Sta ID & off; very good 12/27 (Prodan-ME)
- 5995 **MALI *Radio Mali*** French 2340-48 music, songs & instrumental; fair 12/25 (Prodan-ME)
- 6050 **ECUADOR *HCJB*** 0206-10 Andean music, talk; poor-fair 12/18 (Prodan-ME)
- 6060 **CUBA *Radio Habana Cuba*** Spanish 0210 2 m talking; fair 12/18 (Prodan-ME)
- 6070 **CANADA *CFRX*** Toronto, ON – 1/1 2215 noted with local ads, "News/Talk 1010 Toronto" ID into talk on Wi-Fi in English. SIO 333. (Bueneman-MO/HSTDX)
- 6070 **CANADA *CFRX*** Toronto 2348-0010 I-heart radio "stories behind the Christmas songs," then Nat King Cole "The Christmas Song" (chestnuts roasting); news - BC bus crash, Canadian tourists stranded in Cancun, US storm deaths, Steelers

- retiring player number; then John & Yoko "So This Is Christmas"; fair 12/25-26 (Prodan-ME)
- 6085 **OPPOSITION/RESISTANCE *Shiokaze/Sea Breeze*** (Japan to/against North Korea (DPRK). 1330 // 7345 Long monologues, usual sound effects. We are hearing the // here in AZ (in the past, not audible here). Both equal level at the moment. - Fair to Good -- Poor 12/13 (Barton-AZ)
- 6105 **FRANCE *NHK Radio Japan*** 0213-18 sounded like a family show, lots of questions to children, answering "hai" (yes); good 12/18 (Prodan-ME)
- 6110 **ALASKA *KNLS*** 1430 (in progress at tune-in) Religious lecture, some pop music, really solid Rx here -- Good 12/10 (Barton-AZ)
- 6125 **CHINA *China National Radio*** 1 domestic broadcast in CC. January 11, 2023, 1544 – 1550. SIO 333. Domestic program with OM announcer. MX and CC commentary. Heavy QRN, flutter on signal, listenable. (Henley, WA)
- 6155 **AUSTRIA *Radio Oesterreich Int'l*** – Moosbrunn, man and woman announcers with the news in the German language. Good signal. (D'Angelo-PA)
- 6160 **UNITED STATES *WBCQ*** Monticello, ME 0218-36 The Lumpy Gravy Show, mostly music, various genres incl Porter Wagoner, Hawaiian, soul "What You See Is What You Get," numerous sta IDs & jingles; fair 12/18 (Prodan-ME)
- 7255 **NIGERIA *Voice of Nigeria*** - Abuja Lugbe (very tentative), 0634-0652 Dec 31, noted briefly in presumed Hausa language with talk segments but reception was very poor. Hoped to catch opening the next two nights but nothing heard in subsequent listening sessions. Disappointing! (D'Angelo-PA)
- 7255 **NIGERIA *Voice of Nigeria***, Jan 9 at 0741, VON on at S9/+10 but JBM (Glenn Hauser, OK)
- 7305 **UNITED STATES *Vatican Radio*** – Greenville, 0112-0135 Dec 31, man announcer with talk in the Portuguese language followed by female group vocals and a man announcer with station ID and closing announcements, IS for several minutes before a man opened the Spanish language program with a woman announcer giving the news. Poor to fair. (D'Angelo-PA)
- 7310 **ROMANIA *Radio Romania Int'l***; via Tiganesti – 1/1 2147 noted with discussion on history in English. SIO 545. (Bueneman-MO/HSTDX)
- 7375 **ROMANIA *Radio Romania Int'l***; via Galbeni – 1/1 2149 noted with history discussion in English. SIO 333. (Bueneman-MO/HSTDX)
- 7380 **INDIA *All India Radio*** – Bengaluru, \*0059-0129\* Jan 19, nice IS followed by man announcer with opening of the listed Sindhi language program. Plenty of talks and musical segments until carrier terminated mid-sentence. Good signal. (D'Angelo-PA)
- 7380 **INDIA *All India Radio*** – Bengaluru, 0103-0129\* Jan 10, Periodic vocals with several talks in the listed Sindhi language. Apparent speech by a man with applause heard during the talk. Fair to good signal. (D'Angelo-PA)
- 7390 **NEW ZEALAND *RNZ Pacific*** in EE to Oceania. January 10, 2023, 1539 – 1556. SIO 555. Excellent signal, interview program with mixed OM / YL participants about chefs and other commercial kitchen staff. Discussion of the pressure to perform well as a chef. Mental stress and the problems caused by that stress. Coping with stress and the lack of a "personal life." (Henley, WA)
- 7390 **NEW ZEALAND *RNZI*** to Oceania. January 11, 2023, 1534 – 1540. SIO 555. Excellent signal. Discussion of Aborigines raised as "white people" not speaking their own native language or experiencing their own culture. Focus of the

- discussion was the preservation of native languages. Mixed OM / YL commentators. (Henley, WA)
- 7410 **ROMANIA Radio Romania Int'l**; via Galbeni – 12/16 0200 noted with ID into news in French. SIO 545. (Bueneman-MO)
- 7490 **UNITED STATES WBCQ** Monticello, ME 2338- old music, incl Johnny Dodds Trio; poor 12/3 (Prodan-ME)
- 9275 **UNITED STATES WMLK** Bethel, PA – 1/1 2044 noted with sermon mentioning Yahweh in English. SIO 545. (Bueneman-MO/HSTDX)
- 9395 **UNITED STATES WRMI** Okeechobee, FL – 1/1 2208 noted with rock and roll oldie, talk on the war in Ukraine and ad in English. SIO 545. (Bueneman-MO/HSTDX)
- 9435 **NORTH KOREA Voice of Korea** in FF to NAM. January 9, 2023, 1651 – 1657. SIO 333. YL announcer in FF between MX pieces. Choral MX with mixed choir. Heavy QRN, steep QSB with flutter. Off air at 1657. (Henley, WA)
- 9500 **ALGERIA Radio Algerienne** – Bechar, 0052-0207 Jan 17, vocal selection until 0100 when a woman announcer spoke in the Arabic language before a man began Holy Koran until 0157 when the woman announcer returned briefly before a vocal selection. Fair signal. (D'Angelo-PA)
- 9500 **ALGERIA Radio Algerienne** via Bechar – 12/17 0620 noted with Holy Quran broadcast in Arabic. SIO 434. (Bueneman-MO)
- 9520 **CHINA PBS Nei Menggu** 0730. Mostly a lot of talk in Chinese, pips and ID at ToH, then W in Chinese, while getting pounded by over-the-horizon radar pulses for a time -- Fair 12/3 (Barton-AZ)
- 9550 **ALASKA KNLS** religious broadcast in CC to FE. January 9, 2023, 1646 – 1651. SIO 333. OM and YL in religious conversation. Heavy QRN, steep QSB to JBA. Noisy signal, but listenable. MX clips. (Henley, WA)
- 9690 **SPAIN Radio Exterior Espana** , Jan 11 at 2305, token English from REE. Main feature by Hélena Rigobert is about a new modernized production of Purcell's opera Dido & Aeneas opening Jan 17 in Madrid. Great music interspersed; 2318-2321 break for report from Lebanon correspondent about a church being completely vandalized by some Syrian. 2321-2330 fills with Act I of D&A, or part of it. VG S9+20/30 into Maryland SDR (Glenn Hauser, OK)
- 9760 **THAILAND Voice of America** in Tibetan via Udon Thani. January 11, 2023, 1647 – 1653. SIO 333. OM / YL in talk. Target is FE. Noisy signal, but listenable. Conversation format. Heavy QRN, steep QSB with flutter. (Henley, WA)
- 9840 **UNITED ARAB EMIRATES BBC**, Jan 19 at 0324, way off-frequency carrier with flutter, S4/S6, maybe trace of music. Vietnam comes to mind as a traditional skewed frequency, but EiBi & Aoki show that not on ``9840`` until 1000-2400. At this hour 0300-0500, it has to be BBC in Arabic to ME via Al-Dhabbiya (Glenn Hauser, OK)
- 9870 **UNITED STATES KBS World** via Greenville, NC – 12/16 0157 noted with feature on Korean pop
- 9875 **KOREA NORTH Voice of Korea**, Jan 14 at 0722, S7/S9 of distorted music, very brief announcements, cannot recognize language, past 0732, something from ME. No, Aoki & EiBi agree it has to be VOK in Russian at 0700-0900 (Glenn Hauser, OK)
- 9955 **UNITED STATES WRMI** Okeechobee, FL 0045-0100 and repeated 0130-0145 Mike's Bluegrass Gospel incl Bayles Brothers "Only a Flower," Lewis Family "City on the Hill"; poor+ 12/18 (Prodan-ME)

- 9980 **UNITED STATES *The Overcomer Ministry*** via WWCR Nashville, TN – 1/1 2059 noted w/archived sermon by Brother Stair in English. SIO 555. (Bueneman-MO/HSTDX) 1
- 11542 **MADAGASCAR *Adventist World Radio*** 2040, M in (listed) Yoruba (Nigeria; W Africa), vocal music, excited sounding man who was both talking and singing. Very lively African music closing out the hour -- Fair; Choppy 12/5 (Barton-AZ)
- 11570 **NORTHERN MARIANAS ISLANDS *Voice of America*** - Agingan Pt, Saipan, 1443-1457\* Jan 11, two men announcers in talk in the listed Korean language. Instrumental music at 1450 followed by another man talking until carrier terminated. Poor to fair. (D'Angelo-PA)
- 11650 **THAILAND *Voice of America*** relay from here @0904 12/18/22, fair signal in Chinese.
- 11660 **SWAZILAND *Trans World Radio*** 1630, M presenter, ethnic vocal music with steel drums, bx to Ethiopia. Music appeared to bridge segments. Listed quarter hour of Kamba and then to Hadiyya. Either closed or faded out at 1700, when my sked shows they should still be on, w/ Amharic programming -- 12/30 (Barton-AZ)
- 11690 **MADAGASCAR *R ERISAT*** 1820, talk, music, listed Tigrinya (Ethiopia) -- Fair 12/2 (Barton-AZ)
- 11720 **UNITED STATES *Voice of America*** Greenville, NC – 1/1 2114 noted with Country music, "VOA" ID in English. SIO 555. (Bueneman-MO/HSTDX)
- 11780 **BRASIL *Radio Nacional da Amazônia*** Portuguese 2142-2200 music, some live concert; fair 12/11 (Prodan-ME)
- 11810 **KOREA (North) *KBS World Radio*** – Kimjae, 0041-0123 Jan 12, a woman announcer with Spanish language talks with short instrumental music segments later joined by a man announcer as talks and musical segments continued. Poor. (D'Angelo-PA)
- 11815 **BRAZIL *Radio Brasil Central*** - Goiânia, 0041-0134 Jan 18, man and woman talking in the Portuguese language followed by instrumental music at 0059, A man announcer with station ID at 0100 followed by several announcements before the man hosted a music program. Fair signal. (D'Angelo-PA)
- 11815 **BRAZIL *Radio Brasil Central*** – Goiânia, 0041-0143 Jan 7, thanks to Paul Walker tip noted with Portuguese language talk segments by a man and woman announcing team with brief short instrumental music between segments. Nice station ID at 0104 some announcements followed by non-stop program of vocals including some English language tunes. Very Poor. (D'Angelo-PA)
- 11815 **TURKEY *Voice of Turkey*** Turkish 1546-1600+ middle east/Turkish music, f Ann, news after 1600; fair 12/11 (Prodan-ME)
- 11825 **PHILIPPINES *BBC WS*** 2315, px on stem cell research, news headlines at the BoH by man, leading with the death of legendary Pele the Brazilian football player -- Very Good 12/29 (Barton-AZ)
- 11830 **ASCENSION ISLANDS *BBC*** – English Bay, 0601-0618 Jan 2, man announcer with news in the English language. Station IDs and other news related features heard. Poor. (D'Angelo-PA)
- 11860 **UNITED STATES *Radio Marti*** Greenville, NC Spanish 1521-30+ f ann lots of Central American news, sta ID; very good 12/22 //11930 very good (Prodan-ME)

- 11895 PHILIPPINES *Vatican Radio*** 2314. Opening with a long high-pitched tone and to familiar Vatican tuning signal at 2315 to woman, then man, in Vietnamese. Monologue with man in Vietnamese, then apparent recording of Catholic mass or service. Symphonic music near the end of the bx, then off at 2350. Really raising the bars on the SW8 S-meter -- Good to Very Good 12/5 (Barton-AZ)
- 11955 GERMANY *Adventist World Radio*** in Tigrinya to East Africa via Nauen. January 10, 2023, 1634 – 1642. SIO 232. African MX, talk in Tigrinya. Noisy signal, co-channel QRM, heavy QRN and flutter. Poor listening. YL announcer with a long monologue. (Henley, WA)
- 11965 MADAGASCAR *MWV African Pathways Radio*** via Mahajanga – 1/1 2018 noted with story on the upbringing of Jesus in English. SIO 545. (Bueneman-MO/HSTDX)
- 12030 SPAIN *Radio Exterior Espana*** Spanish 1609-18 music then 2 f in disc; fair 12/11 //9690 and //11940 poor (Prodan-ME)
- 12030 SPAIN *Radio Exterior Espana*** in SS. January 8, 2023, 1743 – 1749. SIO 444. Target is I via Noblejas. Sports program with a broadcast and commentary on a soccer game. High energy sports announcers. (Henley, WA)
- 12035 CHINA *China Radio Int'l*** (Xianyang) 0040 M and W in Chinese, sounded like a discussion re: Taiwan -- Very Good 12/4 (Barton-AZ)
- 12050 UNITED STATES *WEWN*** Vandiver, AL 1619-21 m & f preaching; fair-poor, echoey 12/11 (Prodan-ME)
- 12070 PHILIPPINES *FEBA/R*** Liangyou (via Iba) 2325, long monologues with M in Chinese -- Fair 12/14 (Barton-AZ)
- 12095 SINGAPORE *BBC*** via Kranji in KK. January 8, 2023, 1737 – 1742. SIO 555. Excellent signal, clear, easy listening. OM / YL announcers alternating. Listed target is FE. YL with a long monologue followed by an OM with another monologue. (Henley, WA)
- 12120 PHILIPPINES *R Pilipinas*** 1800, mix of talk and music, way out in the mud and under CODAR. // 9925 can be heard, nothing on 15190 -- Poor; Fair on peaks 12/13 (Barton-AZ)
- 13630 MALI *CGTN Radio*** via Bamako – 1/1 2032 noted with discussion in English. SIO 333. (Bueneman-MO/HSTDX)
- 13670 MADAGASCAR *R Feda*** 1900. Opening after the close of African Pathways Radio with ME male vocal music, male and woman in Arabic. "Contact at Radio Feda dot com" -- Very Good 12/15 (Barton-AZ)
- 13705 JAPAN *NHK World Radio*** 2300 M and W in (listed) Thai back and forth, sounded like news update, Japanese pop vocal music, NHK tuning signal and a reopen in Vietnamese at the half hour mark -- Fair 12/10 (Barton-AZ)
- 13710 SAUDI ARABIA *SBA Holy Quran Radio*** in AA. January 11, 2023, 1635 – 1642. SIO 444. OM chanting verses from the Quran. Target is North Africa. Long chant. Moderate QRN / QSB with some flutter. (Henley, WA)
- 13750 THAILAND *Voice of Thailand*** - Ban Dung, Udon Thani Province, 0046-0059\* Jan 19, man and woman vocal selection followed by a man announcer talking in the Thai language. Instrumental music until carrier was terminated. Fair signal. (D'Angelo-PA)
- 13750 SÃO TOMÉ E PRÍNCIPE *Voice of America*** relay Pinheira – 1/1 2035 noted with news and commentary in Hausa. SIO 333. (Bueneman-MO/HSTDX)
- 13750 THAILAND *Voice of Thailand*** – Ban Dung, Udon Thani Prov, \*0000-0022 Jan 1, English language news program hosted by a man and woman announcing team

- with frequent station IDs, promotional announcements and the usual array of news features. Poor. (D'Angelo-PA)
- 13750 THAILAND *Voice of Thailand*** - Ban Dung, Udon Thani Province, 0007-0035 Jan 12, man and woman announcers hosting the news in the English language with nice station ID at 0019 ("You are listening to Radio Thailand news." and "You are listening to the morning news on Radio Thailand.") closing with an interview. Closed English broadcast at 0028 but opened the Thai program at 0029 with station ID and news. Have they stopped IDing as "Voice of Thailand"? Fair. (D'Angelo-PA)
- 13750 THAILAND *Radio Thailand*** 1/9/23 fair signal, choppy propagation, interview with an expert in economics 0023-0030. Also tonight 1/10 @0012 with a better signal, news, music, and more interviews.
- 13820 UNITED STATES *Radio Martí*** via Greenville, NC - 1/1 2040 noted with discussion in Spanish. SIO 555. (Bueneman-MO/HSTDX)
- 13820 UNITED STATES *Radio Martí*** in SS to Cuba. January 8, 2023, 1730 - 1735. SIO 333. OM announcer with station ID followed by Latin MX. YL joins at 1732 with long monologue. (Henley, WA)
- 14670 CANADA *CHU*** Ottawa, ON - 1/1 2113 noted with time signals, "CHU Canada" ID in English, UTC time check in English and French at 2114. SIO 555. (Bueneman-MO/HSTDX)
- 15120 ASCENSION ISLAND *Voice of America*** 2130, mostly a lot of talk, listed all in Bambara language (spoken in areas of Mali), went off a few minutes before 2200 -- Fair 12/29 (Barton-AZ)
- 15125 MALI *China Radio Int'l***; in Swahili via Bamako. January 8, 2023, 1715 - 1729. SIO 434. CRI in Swahili to East Africa. OM announcer / commentator. Moderate QRN, slow QSB. Listenable. African MX followed by commentary. (Henley, WA)
- 15125 MALI *China Radio Int'l***, Jan 16 at 1606, music with very heavy bass beat, then Arabic announcement, S7/S9. It's CRI via Bamako toward E Africa (Glenn Hauser, OK)
- 15230 CUBA *Radio Habana Cuba*** Spanish 1539-45 songs & f ann, sta ID at 1545; poor+ 12/11, but //15140 better, //13700 fair, //11760 good (Prodan-ME)
- 15275 FRANCE *Deutsche Welle*** in Amharic via Issoudun to East Africa. January 9, 2023, 1630 - 1640. SIO 444. OMs in conversation format. Audio clips. Minor QRN / QSB. (Henley, WA)
- 15275 FRANCE *Deutsche Welle*** (Issoudun relay) 1600, going to what sounded to be magazine, in (listed) Amharic (Ethiopia) -- Fair. 12/2 (Barton-AZ)
- 15300 FRANCE *Radio France Int'l***; in FF via Issoudun. January 8, 2023, 1708 - 1713. SIO 233. Target is West Africa. OM / YL alternating. Noisy signal, heavy QRN, rapid flutter on signal. (Henley, WA)
- 15355 MADAGASCAR *AWR Africa*** via Talata Volondry - 1/1 2025 noted with Christian teaching, ID in French, off at 2026. SIO 545. (Bueneman-MO/HSTDX)
- 15360 MADAGASCAR *Adventist World Radio*** 1925. AWR noted closing out Hausa (Nigeria, et al; NW Africa) bx and going off at 1929, reopening on adjacent freq 15355 at 1930 in Igbo language (southeast Nigeria) -- Good 12/29 (Barton-AZ)9275
- 15370 ROMANIA *Radio Romania Intl*** Romanian 1500-16 f Ann, ref to Romania, folk song then talk/discussion; good 12/11 (Prodan-ME)

- 15460 SAO TOME E PRINCIPE *Voice of America*** January 8, 2023, 1701 – 1707. SIO 444. Voice of America ID, announcer in Zimbabwe languages, target Zimbabwe. Moderate QRN / QSB, good signal, listenable. YL joins at 1704, OM and YL alternating thereafter. (Henley, WA)
- 15490 GERMANY *Adventist World Radio*** in Somali via Nauen. January 8, 2023, 1654 – 1700. SIO 333. OM announcer, African MX vocals with OM and YL singers. Noisy signal, but listenable. Off the air at 1700. (Henley, WA)
- 15550 VATICAN CITY *Radio Tamazuj*** 1516-34 Sudanese 1518 heard “Radio Tamazuj” then some music/singing, then m discussion; fair 12/18 (Prodan-ME)
- 15550 FRANCE *Radio Dabanga*** in Sudanese Arabic. Clandestine / opposition via Issoudun, target Sudan. January 8, 2023, 1645 – 1654. SIO 323. Noisy signal with strong flutter. Listenable with difficulty. (Henley, WA)
- 15565 VATICAN STATE *Radio Vatican*** in Swahili to East Africa via Santa Maria di Galeria. January 11, 2023, 1626 – 1634. SIO 333. Mixed announcers in Swahili, MX, choral singing. Interval MX at 1629 then a program / language switch to EE at 1630. OM with homily in EE beginning at 1630. (Henley, WA)
- 15565 VATICAN CITY *Vatican Radio*** Amharic 1535-39 music, m intoning; fair 12/11 (Prodan-ME)
- 15565 VATICAN STATE *Radio Vatican*** in EE via Santa Maria di Galeria. January 8, 2023, 1634 – 1640. SIO 333. Target is East Africa. Sermon and commentary with choral MX. OM and YL mixed announcers. (Henley, WA)
- 15665 MADAGASCAR *AWR***, Jan 15 at 1555, S Asian songs are SSOB, S9/+10 but chopped off the air at 1558\*, how rude! It`s AWR in MAL, which here means Malayalam, not Malgache or Malay, scheduled at 1530 (Glenn Hauser, OK)
- 15720 NEW ZEALAND *Radio New Zealand Int'l***; – Rangitaiki, 0551-0558\* Dec 20, two men in English language discussion until a female vocalist accompanied by guitar at 0555. A man announcer gave station ID and mentioned changing frequencies followed by bird chirping before carrier was terminated. Fair signal. (D’Angelo-PA)
- 15770 UNITED STATES *Gruss an Bord*** via WRMI, Miami, FL, 2017-2059\* Dec 24, annual German language Christmas special but only WRMI frequency heard this year with short talks, a few vocals and applause from a live studio audience. Closed with Jeff White providing a WRMI station ID. Very good signal. (D’Angelo-PA)
- 15770 UNITED STATES *WRMI*** religious broadcast in EE to ENAM. January 8, 2023, 1627 – 1633. SIO 433. MX, Jazz, Gospel MX with OM soloist. Heavy QRN. MX continues with rapid QSB and flutter on the signal. (Henley, WA)
- 17790 UNITED STATES *WRMI*** Okeechobee, FL 1621-24 English-accented preacher “doing a humble work for god;” poor-fair 12/11 (Prodan-ME)

# Winter SWL Festival

2023 • Questions to HQ@naswa.net • Access via Zoom • Register via PayPal

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## EVENT SCHEDULE FOR THE 2023 WINTER SWL FEST - MARCH 4, 2023

(All times North American Eastern Standard;

Schedule Correct as of January 30, subject to change.)

For registration information, go to [www.swlfest.com](http://www.swlfest.com).

**THE BOB BROWN MEMORIAL HOSPITALITY "SUITE"**, graciously sponsored and hosted by the **Canadian International DX Club (CIDX)**, will be open day and night throughout the Fest starting at 0900.

0930 - **KEYNOTE - JEFF WHITE**: The General Manager of **WRMI, Radio Miami International** -- which has the largest private shortwave transmitting facility in the Western Hemisphere in Okeechobee Florida -- will discuss the ins and outs of operating the station, including its recent experiences with hurricanes. Jeff also wears other hats including Secretary-Treasurer of the National Association of Shortwave Broadcasters and Chairman of the High Frequency Coordination Conference. That and over 40 years' involvement in myriad aspects of shortwave and international broadcasting give him a deep and unique perspective on where all of this might be going.

1030 - **SCANNER NOT REQUIRED**: **Tom Swisher** says it doesn't have to be a scanner! There are excellent alternatives if you're looking for other ways to monitor your favorite McDonald's drive-through.

1130 - **BREAK**: Spend some time in the **The Bob Brown Memorial Hospitality "Suite"**.

1300 - **CHOOSING A USED RECEIVER FROM 1950 THROUGH TODAY**: We're not cheap, just cost conscious. Old Uncle **Skip Arey** will scour his sources to find the best (and safest) ways to buy used radios regardless of whether you are looking for a collectible or a modern listening tool.

1430 - **RADIO IS SUPPOSED TO BE FREE**: Mysterious signals that go bump in the night. Odd sounds on odd frequencies in the middle of the afternoon. AM signals with very wide full fidelity bandwidth. Distorted sideband transmissions playing strange music and making weird images appear on their listeners' software defined radio displays. Welcome to the world of unlicensed free radio on shortwave. **Larry Will** presents a little bit of history and look at the current state of shortwave pirate radio in North America. And there may be some special guest personalities sharing their perspectives on free radio.

1600 - **BACK TO THE CLASSICS II:** **Dan Robinson** has spent the months since the last online Fest doing some more thinking about. . .what else? . . . receivers and features that make them stand out from the crowd, and will file his special report from his basement in Potomac, MD.

1700 - **HELP US PLAN FUTURE FESTS:** Join **Rich** and **John** (um... your hosts, remember?) to discuss whether and how best to resume an in-person event as well as how the online version might continue and improve.

1730 - **BREAK** - Spend some time in **The Bob Brown Memorial Hospitality "Suite"**.

1900 - **IN MEMORIUM:** **Sheldon Harvey** recounts those that moved on over the past year to that DX shack in the sky where propagation is always perfect and RF noise doesn't exist.

1930 - **LIVE FROM BALI, IT'S MARK FAHEY:** Detail to be announced.

2100 - **THE SHORTWAVE SHINDIG - STILL IN EXILE:** Your host, **David Goren**, is whuppin' up another multi-hour listening party with plenty of shortwave sounds, music, special guests, updates on NYC pirate radio, and the latest installment of World Wide Waves, dg's BBC radio doc series on global community radio this year featuring Inuit radio in Northern Quebec, a Romani radio station in Hungary, a rural station in Malawi and a clandestine in Myanmar.

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](mailto: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. S

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