

The **NASWA** Journal

VOLUME LXI NUMBER 12

DECEMBER 2021



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Pirate Radio By Andrew Yoder

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Discover DXing! By J. Zandio

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Guide to Utility Stations By Joerg Klingentuss

2021-2022 Edition

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Listening to Longwave By Kevin 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 Lower band. 98 pages. **#0024 \$6.95**



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. **#0016 \$19.95**



Worldwide Listening Guide By John Fglbzzl

This book covers all of today's formats: live on-demand, podcast, satellite, internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! Spiral bound 9th Ed. 192 pages. ©2019. List \$29.95. **#1044 \$28.95**



Buying a Used Shortwave Receiver By Fred Osterman

This affordable market guide features the top 100 most sought after portables and tabletops produced in the last 20 years. Photo, specs, features, ratings, plus new and used values for each. Fourth Ed. ©1998 URR. 78 pages. **#0444 \$5.95**



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NASA Notes

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We are in the midst of the long holiday season (Thanksgiving, Hanukkah, Christmas, Kwanzaa, New Year's and maybe a couple of others I lost track of). For me, and I suspect many others too, the period from Thanksgiving Day through New Year's Day is a special time of the year when folks just seem happier than usual. Every one of our club staff wishes each and every member a great holiday season no matter which day or days you celebrate and a safe and healthy holiday period. It's been a tough two year time frame with the pandemic seemingly dominating our lives but hopefully 2022 will see things dramatically improving. Enjoy a stay safe and healthy holiday season as we bring calendar year 2021 to a close. Enjoy our shortwave radio hobby!

It's time to begin planning to attend the club's upcoming 35th Annual Winter SWL Festival. Similar to last year, the club will utilize the Zoom platform to hold the virtual 2022 Winter SWL Festival, our 35th such gathering! The dates will be March 4th and 5th with a modest \$10 registration fee utilizing the same sign-up/payment process as last year. Co-hosts Rich Cuff and John Figliozzi have already begun program preparations (program activities are planned for days and times similar to last year) and other technical arrangements. Besides the program itself, there will be the cocktail hour for post session hangouts hosted by our friends at the CIDX. Last year's program schedule is still up if anyone wants to refresh their memory and will remain up until the 2022 program has been locked up later in December or early in January, 2022. The FESTmeisters will use our web site, listservs,

and the Facebook page to fill in gaps as they are filled. I hope to see you at the 2022 Winter SWL Festival.

We are not the only ones impacted by the pandemic situation. Through Radio World we learn that organizers of the 2021 IBC show were weighing their options after the Dutch government announced a three-week partial lockdown for the country. The new restrictions mean people will be asked to work from home as much as possible, and sporting events will be played behind closed doors. Schools, theatres and cinemas will remain open, but with limited capacities, and cafes, bars and restaurants will be told to close at 8 p.m. The restrictions will be revisited on Friday, Dec. 3. There was no updated guidance on international travel into or out of the country. This year's IBC show is due to take place at the RAI in Amsterdam Dec. 3-6, 2021. In a statement to trade media and posted on the convention website, IBC organizers said they were "assessing the impact [of the partial lockdown] and engaging with our stakeholders. As you can imagine, this is an issue that needs careful consideration and we will communicate our plans as soon as possible."


This month John Herkimer developed our traditional December cover which features a montage of all our great covers printed during 2021. It has been a strange year with the Covid-19 pandemic continuing to keep all of us on alert as well as the deaths earlier in the year of two important people to the club, Bob Brown and George Zeller. However, our covers bring back a lot of fond memories

of many current shortwave broadcasters still utilizing our favorite medium for communications activity. Hopefully, 2022 will be a forward looking year filled with more great looking covers!

Through the Worldwide DX Club's Michael Bethge we learn about the A.I.R. Contest 2022 "Attilio Leoni", the annual Italian DX contest by Associazione Italiana Radioascolto, which will take place from January 2nd to 9th, 2022. Participation is open for all radio listeners, A.I.R. club members and non-members alike. For full information, please write to: Bruno Pecolatto, AIR Contest Manager, Fermo Posta, I-10080 Ronco Canavese (TO), Italy or

by e-mail: bpecolatto@libero.it. Good luck and anyone who enters please let us know what you like or dislike about the contest through our Musing column.

Although I missed the European DX Council ("EDXC") Zoom call held on Saturday November 13th at 1500 UTC, Secretary General Chrissy Brand did post the Zoom conference online for those who missed the event. Check out the EDXC website <https://edxcnews.wordpress.com/> for further information (Archives - November).

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

Unity and Friendship

Musings

Jerry Lineback • 4422 Sierra Del Sol • Paradise, CA 95969-8116 • jalinebk@gmail.com

Please e-mail your Musings, preferably as MS Word attachments, to jalinebk@gmail.com or mail to Jerry Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. Please note that the deadline for contributions to the January issue is December 22, 2021.

Jerry Alice Lineback, jalinebk@gmail.com, Paradise, CA

We got our booster shots against COVID, a good idea since the pandemic continues and has adversely affected health care availability for other needs. I have been trying to schedule a knee replacement operation but am getting postponed, meanwhile my leg hurts and does not function properly.

How about some more contributions for Musings.

73, Jerry Alice

Richard Murphy, San Antonio, TX & Alto, NM

Looking at the March 1970 issue of FRENDEX, back in the days when the QSL Report also included the Scoreboard, I was struck by seeing some familiar names in the Scoreboard.

Besides myself (at number 34), I spotted Gerry Dexter in 4th place, Dan Henderson at 5th, Dan Ferguson at 15th, Chris Lobdell at 25th, Richard D' Angelo at 32nd, Kim Elliott at 66th, and John Figliozzi at 85th. Unfortunately, due to a lapse of over 30 years of being out of the hobby, I think I have now fallen way behind everyone now on the Scoreboard. In 1970, I really wanted to get to the 100 countries verified level. At least QSLs don't expire! I only wish I knew what happened to my collection of pennants from Latin American stations.

73, Richard

Thanks to our contributor, these pages are open for your contributions.

Listening Review

Alan Roe • 33 Atbara Road • Teddington, TW11 9PA, United Kingdom • alan-roe-swl@randa33.co.uk

Welcome to Listening Review for December 2021. I start with some advance program information.

Texas Radio Shortwave

A quick update of some programs from **Texas Radio Shortwave** in December, and through January 2022. TRSW have some lovely eQSLs available for transmissions over the next few weeks (two are pictured below) – be sure to give full program details covering at least 20 minutes, and provide some meaningful comments about what you enjoyed, or otherwise, about the programs.

In December, TRSW will present six different programs:

ANARC Special

- ❖ WRMI: 5 Dec at 0100 on 5950 kHz

Early Christmas Special #

- ❖ WRMI: 5 Dec* at 0200 on 5950
- ❖ Ch292 18 Dec at 0900 on 6070 kHz
- ❖ Ch292 18 Dec at 1800 on 3955 kHz

Varied Merry Christmas

- ❖ WRMI: 12 Dec at 0100 on 5950 kHz

Rock-It Radio

– Rock&Roll Retrospective Holiday Spl

- ❖ WRMI: 19 Dec at 0100 on 5950 kHz

Christmas Special #

- ❖ Ch292: 25 Dec at 0900 on 6070 kHz
- ❖ Ch292: 25 Dec at 1800 on 3955 kHz
- ❖ WRMI: 26 Dec at 0200 on 5950 kHz
- ❖ WBCQ: 26 Dec at 0300 on 6160 kHz

Rock-It Radio

– Rockabilly & Blues Christmas

- ❖ WRMI: 26 Dec at 0100 on 5950 kHz

January programs from TSRW:

Red Dirt Special:

- ❖ WRMI: 2 Jan* at 0100 on 5950 kHz
- ❖ Ch292: 15 Jan at 0900 on 6070 kHz
- ❖ Ch292: 15 Jan at 1800 on 3955 kHz
- ❖ WBCQ: 23 Jan at 0300 on 6160 kHz

Songs About Texas (Program #2)

- ❖ WRMI: 2 Jan* at 0200 on 5950 kHz

February programs from TSRW:

Texas Blues Sampler:

- ❖ WRMI: 6 Feb* at 0100 on 5950 kHz
- ❖ Ch292: 19 Feb at 0900 on 6070 kHz

Texas Blues Women

- ❖ WRMI: 6 Feb* at 0200 on 5950 kHz
- ❖ Ch292: 19 Feb at 1800 on 3955 kHz
- ❖ WBCQ: 27 Feb at 0300 on 6160 kHz

* = Repeated on WRMI weekly through the month

= An 'Encore' transmission from last year



Uncle Bill's Melting Pot/From the Isle of Music

Bill Tilford sends some details of his *Uncle Bill's Melting Pot* programs for December,

and *From the Isle of Music* for the end of December:

The December line-up for *Uncle Bill's Melting Pot* is as follows:

- ❖ December 5-11: Music from various ethnic minority groups in China
- ❖ December 12-18: Music from Sierra Leone
- ❖ December 19-25: Music from Ecuador with guest Luis Alejandro Vallebuena
- ❖ December 26-January 1: Listener's Choice - some of our regular listeners and supporters will help us present their favorite New Year's songs.

At press time, the December schedule for *From the Isle of Music* is still being finalized, but the week of December 26-January 1 will feature a Cuban dance party. Here are the current schedules of both UBMP and FTIOM:

UBMP:

- ❖ Sun 2300-2400: 7490 via WBCQ
- ❖ Tue 0000-0030: 7490 via WBCQ*
- ❖ Tue 2000-2100: 6070 via Ch292
- ❖ Sat 0800-0900: 9670 via Ch292

FTIOM:

- ❖ Sun 1500-1600: 9400 via SpaceLine
- ❖ Tue 0100-0200: 7490 via WBCQ
- ❖ Tue 1900-2000: 6070 via Ch292
- ❖ Sat 1300-1400: 6070 via Ch292

* First half hour only, aired when there is no other paid booking for this timeslot.

A Pan-American Nochevieja (New Year's Eve)

Bill Tilford also kindly sends exciting news of a special program to be aired from 0200-0300UTC on 1 January 2022 (that's 9pm-



10pm EST on 31 December in the US) on 5800 and 7780kHz via **WRMI**.

Bill writes: "Courtesy of WRMI, Luis Alejandro Vallebuena & Uncle Bill Tilford present an hour of songs and customs from several Latin American countries plus messages from several special guests. If propagation permits, listenable throughout the Americas, parts of Europe and western Africa. Spend an hour with us before (or after) your physical parties. In Spanish with moments of English and Portuguese".

Thanks Bill! 7780 kHz is often well-heard here in our (European) night time, so I look forward to listening-in.

Postcard Panorama

Postcard Panorama – "a shortwave radio conversation", is a new 15-minute program in development produced and presented by Tammy Walker. It is hoped to debut this program on **WRMI** in January, although actual date, time and frequency is still be determined. Tammy previously trialled a program on WRMI **Short Waves/Short Poems**, which may re-appear at a later date. Tammy writes:

"The program will bring together radio-related anecdotes and events submitted by listeners, with each episode focused on a

particular theme rather than on a broadcaster or program. So it's a listener mailbag program but organized a bit differently than most. We're taking submissions for the first episodes now.

And on the topic of poetry: I've invited poets to share their short works on Postcard

Panorama that fit the topics, so I do have some poetry lined up for the shows already, along with radio stories sent in by listeners."



Photo by Carrie Phillips via <https://www.tdwalker.net>

There are more details at her website: <https://www.postcardpanorama.com/>:

"Postcard Panorama wouldn't be possible without your stories. By grouping radio anecdotes by theme, we're aiming to create a picture of how radio affects us by those themes. For example, our first episode asks about radio beginnings and will weave together stories of how radio listeners got their start, got back into listening, or began a new sense of who they are through the radio community. Rather than linking stories by time or program, we're linking them by overarching experience.

Keep in mind, too, that themes can be interpreted fairly broadly. Even if the connection is tangential to the month's theme, send your story along. We're fans of shortwave radio here, but we'd love to hear your stories about DXing medium wave and FM, building radios and antennas, listening to local programming, and anything else radio-related.

Your stories can be from last week, last year, or last century. And if you have a time-sensitive radio-related event or historical anniversary you'd like us to note, you can send those along too."

Sounds intriguing! Details on how to submit your postcard (of under 500 words) are on the website. I'll circulate transmission times as soon as I know them in the NASWA iog mail list.

BBC World Service

The **BBC WS** has a weekly drama program for Africa, set in Nigeria, *called Story Story: Voices from the Market*. It has already been



running a few weeks, however I have only just found it! The story on the episode of 20 November, which I listened to via BBC podcast, was primarily about the coronavirus pandemic, and how the market may not re-open if coronavirus infection rates do not reduce. It included, amongst other themes, mention of lockdown and how it is helping to reduce infection rates. I would class this as an educational-drama, designed to inform whilst still entertaining. It was very similar to the drama programs that I used to hear regularly on the Voice of Nigeria (in the days that I could hear their evening transmission on 15120 kHz). It is definitely worth a listen.

It is broadcast on Saturdays only at 1830UTC on the *East & South Africa* and *West & Central Africa* streams, and continues until at least 25 December. The frequencies are: 7265-mdc,

7445 -mdc, 9410-asc, 9915-wof, 11810-asc, and 15400-asc.

The excellent **BBC WS** series *The Conversation* continues through December with some interesting topics lined up, including:

"Making public transport safer for women":

Mon 13 December (rptd Sat 18 December):

"It is not easy to be a woman on public transport. Across the world, you will hear reports of women being harassed, groped and even sexually assaulted. This has an enormous impact on women being able to take up employment and education opportunities, as well as accessing healthcare. Kim Chakanetsa talks to two women who are trying to change this."

"Musical child prodigies"

Mon 27 December (rptd Sat 1 January 2022):

"Very few people in the world are blessed with exceptional musical talent that is apparent from an early age. What is childhood like in the spotlight, especially as a young woman? To find out, Kim Chakanetsa meets two musicians whose careers began when they were children."

The Conversation is a weekly program, and broadcast

- ❖ Mondays: **0432**: 9510-sla, 9915-mdc, 12095-sla; **1132**: 6195-sng, 9580-sng, 11945-sng; **2132**: 11810-asc, 12095-asc; **2332**: 3915-sng, 3960-sng, 5890-sng, 6195-sng, 11825-pht
- ❖ Saturday repeat at **0832**: 15620-sng (DRM)

Special programming over the holiday period

As has been the case over the past couple of years, I will be circulating whatever details I have of special programming over the holiday period, (from Saturday 18 December 2021 to Sunday 2 January 2022 inclusive) by email via the NASWA iog mail list. If you do not subscribe to that list, but still wish a copy, then send me an email to alan-roe-sw@randa33.co.uk and I'll be sure to send it to you. I aim to send the first edition out early in the week beginning 13 December, and follow-up with updates in the event that more details are released by radio stations.

I have already mentioned a couple of programs above to look out for, but here are two more recommendations.

BBC WS: *Festival of Nine Lessons and Carols*. I always feel that hearing this program each year on shortwave does mark the beginning of the Christmas festivities. This service marks, for many people around the world, the beginning of Christmas. It is based around nine Bible readings, which tell the story of the loving purposes of God. They are interspersed with carols old and new, sung by the world-famous Choir of King's College Cambridge, who also led the congregation in traditional Christmas hymns.

It will be broadcast (as every year) on Christmas Eve, 24 December, from 1500-1630UTC, on the following scheduled frequencies:

- ❖ 1500-1600: 7485-sng, 9410-sla and
- ❖ 1600-1630: 7445-mdc, 7485-sng, 17640-asc, 17830-asc, 21630-asc

(Frequencies may be extended later or earlier to accommodate the transmission).

NDR: *Gruss an Bord!*. This is the annual broadcast in German where families and

friends wish their loved ones at sea a happy holiday in the traditional program "Greetings on board"! The program also normally includes live music, although current coronavirus restrictions may limit that (in which event there may be recorded music instead). It's always an entertaining four hours, even for non-German speaking listeners.

It will be broadcast on 24 December. The broadcast lasts four hours: part one is from 1900-2100, whilst part two of the transmission from 2100-2300 starts with the Christmas mass from 2100-2215, followed by the last part Greeting program on the following frequencies:

- ❖ 1900-2100: 6030-erv, 6080-nau, 9570-mos, 9740-nau, 9800-iss, 11650-iss
- ❖ 2100-2300: 6145-nau, 6155-erv, 9590-iss, 9675-mos, 9740-nau, 9830-iss

The Worldwide Listening Guide



The new 10th edition of John Figliozzi's popular *Worldwide Listening Guide* is due for publication any day now (it is at the printers at time of writing). The guide lists details of how to tune-in to English-language programs in all of today's listening formats: whether live, on-demand, podcast, terrestrial, internet, WiFi, analog AM & FM, shortwave, digital or satellite. Programs are listed in two ways. First, by UTC time, station, days of broadcast, the type of program, and their frequencies and web addresses. Second, by topic or subject area,

such as: Arts & Culture; History; News & Documentary; Science & Technology; Current Affairs; Music; Sports, and so on. It is North American-centered in content, but still of great value for non-US readers. It's a great publication and indispensable if you're interested in program content and I highly recommend it. It is available now, or very soon, via Amazon.com or Universal-Radio.com.

Until next month, best wishes to all for a Happy New Year. Alan

International Broadcasting

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The USAGM audience increase that really isn't

On November 15, the U.S. Agency for Global Media released its new audience numbers. The USAGM press release stated that its "audience grew by 40 million adults," from 354 million in 2020 to 394 million in 2021 (bit.ly/3DM7iir). In percentage terms, USAGM is claiming a 42% audience increase over the past four years (bit.ly/3HPJPP0). Most of the larger number is attributed to USAGM's largest entity, the Voice of America. VOA's press release proclaimed that its "weekly audience grew by more than 33 Million in the last year" (bit.ly/3nHR2JR).

These are eye-popping, sinus-clearing numbers. In March 2019, in this column and at the USC Center on Public Diplomacy Blog (bit.ly/3DJHOT7), I had questions about a similar audience increase for USAGM predecessor Broadcasting Board of Governors. ("Did a major war break out, causing people to seek information from abroad? ... Did one of the USAGM entities

score a new television affiliate?") Then, and now, the devil is in the methodology.

Looking through the USAGM reports about the new audience figures, most of what is described as an increase is really new data replacing no data. For India, the USAGM (VOA) audience is listed as 29.4 million. This is also a "gain" of 29.4 million, because USAGM had no survey in India in recent years. In reality, VOA did previously have an audience in India, but because it was unmeasured, it showed up on the spreadsheet as zero. When starting from zero, increases can appear to be dramatic.

The "gain" for the USAGM (VOA) audience in the Philippines is five million, for the same reason as India: no recent data before 2021. So between India and the Philippines, the 34.4 million accounts for most of the 40 million. The actual USAGM audience did not

miraculously increase by 40 million in one year.

Not increased but “revised upward”

We would like to say that this sudden uptick of 40 million is due to outstanding leadership, excellent staff work, or a sudden deterioration of political stability and press freedom abroad, necessitating a big budget increase. To be honest, we must say is that because of the addition of new survey data that did not exist before, the USAGM global audience has been revised upward, from 354 million to 394 million. This is still good news for USAGM: It still provides an impressive number to present to stakeholders.

The new USAGM audience estimate of 394 million might give the impression that the USAGM entities have dislodged BBC World Service, which reports an audience of 351 million (bbc.in/3DK0J07), as the world’s leading international broadcaster. Jamie Angus, Controller of BBC News Output and Commissioning (and previously director of World Service) pointed out, in response to my inquiry, that the “full BBC number” is 464 million (bit.ly/3xm1qdt). But that includes BBC World News and international sales of non-news BBC program(me)s through BBC Studios. USAGM does not have a global English TV news channel (CNN International competes in this arena, at no cost to the U.S. taxpayers), and it does not sell U.S. domestic TV programs abroad. So 394 million versus 351 million would be more of an apples-to-apples comparison – *if* the two organizations’ methodologies were harmonized. Because USAGM and BBG are not cooperating on audience research as they did in past decades, attempts to compare the two estimates would probably be invalid.

Numbers must be compared with other numbers

This is unfortunate. Even though the global audience estimate attracts most of the attention, it really doesn’t mean much unless it can be compared with audience sizes of other international broadcasters. The most interesting comparison would be between USAGM and BBC, the two leading international broadcasters. Traditionally, BBC has had the larger audience, even with a smaller budget (nyti.ms/2NBqAPp). If the reported audience numbers create a misleading impression, they could perpetuate the bad habits of U.S. international broadcasting: While the BBC is a single entity, USAGM consists of several entities that compete among themselves for audience and budget. Duplication is inevitable. Often, audience are forced to access two USAGM entities to obtain a complete news service. And while BBC World Service militantly defends its independence, USAGM is more ambiguous about this concept: The USAGM Mission Statement (bit.ly/3nIodwZ) mentions “support of freedom and democracy” – actually a public diplomacy task – but does not specify “news.” On VOA, editorials “Reflecting the Views of the U.S. Government” (editorials.voa.gov) are presented alongside news.

Comparison of the audiences should be expanded to include other international broadcasters. Russia’s RT and Sputnik are lately in the news, as are China’s CGTN and Qatar’s Al Jazeera. These outlets are truly effective only if the size and composition of their audiences match the hype. And of course we would like to know how many people are accessing Deutsche Welle, France 24, NHK World, Euronews and the other significant international broadcasting efforts.

We need third-party measurement

The latest USAGM global audience number is part of the Performance and Accountability Report (bit.ly/32sGLJt). Most of the PAR is devoted to measures of “impact.” These fulfill various legislative mandates, such as the Government Performance and Results Modernization Act of 2010, but they are not as important as they appear to be. (I wrote about “The Negative Impact of ‘Impact’” in 2016 (bit.ly/3HMkxSF.)

The PAR states that USAGM is testing a new questionnaire that is shorter and simpler. This could be a great improvement over the questionnaires from the years I worked in audience research at VOA. They were so long and detailed that both interviewers and interviewees were exhausted by the exercise. But if the new instrument is “more focused on USAGM’s brands” to the extent that the audiences of significant competitors are not included, future surveys will be of very limited value.

Over the years, changes of methodology have occurred and are necessary, but they can affect the audience estimates. Comparisons over time, known as longitudinal analysis, must therefore be taken with a grain of salt. Much more useful are present-time

comparisons of the audience of USAGM and competitors, using identical methods of measurement.

A real news organization does not try to achieve a certain impact. Instead it provides comprehensive, reliable and uncensored news so that the audiences can form their own opinions about current events. The measure that matters far above all others is the size and makeup of the audience, especially compared to others in the international broadcasting business.

To make sure these numbers are comparable, and that they are honestly reported, a third-party organization should be created to provide the global and country-specific audience estimates that are now reported by USAGM, BBC, etc. Some of the world’s international broadcasters may not be happy with the numbers that are reported, and that they are shared publicly. But they must accept, however grudgingly, that such a third-party organization is the only credible way to verify the performance of international broadcasting.

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. Missing issue emails should CC rm271828@gmail.com. Thanks!



Shortwave Center

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There are some historical hallmarks this month with radio and shortwave-related milestones being reached in Spain and New Zealand. Meanwhile, the BBC continues to expand its audience – with and without radio and shortwave. There’s controversy at WBCQ and another antenna is to be dismantled, this time in Italy – or is it? Finally, we’re going to try out a new and, at this point, randomly

periodic feature that will refer you to some interesting sources for shortwave information on the Internet.

Here’s wishing you and yours a great Holiday Season. Hope to “see” you again in the New Year!

SHORTWAVE HISTORY

REE’s NOBLEJAS TRANSMITTER TURNS 50

By Kai Ludwig
Radio Kurier – ADDX
November 2021

(reprinted by permission)

Translated from German to English by John Figliozi

On July 21, 1971, the Spanish dictator Francisco Franco visited the national broadcaster RTVE and threw the switch that put the shortwave station at Noblejas, 50 kilometers south of Madrid, into operation. A park of curtain antennas and six transmitters with an output of 350 kW each were set up there.

In the first years of operation, these transmitters partly ran as pairs with a total output of 700 kW! But between 1997 and 2001, the then successor company Thomcast of the French supplier Thomson-Houston replaced these transmitters with new devices with a nominal output of 250 kW each.

From the late 80s, Noblejas also came with relays of other external services. Efforts by the then Radio Peking to find partners in Europe were successful not only in Switzerland, in France and later also in the (former) Soviet Union, but also in Spain.

Thus until 2014, Noblejas broadcast a program block from China Radio International (CRI) to North America at night and in return from Xian, CRI transmitted the Spanish program of Radio Exterior (REE). Particularly striking in Spain was the use of feeder lines of merely telephone quality, from which the other exchange arrangements with Beijing also suffered. The Chinese side tried to further expand the use of the Noblejas site and to

serve Europe from there; however, these efforts did not go beyond a few test transmissions made in 2007.

The Noblejas transmitter station replaced the antiquated shortwave technology put into operation in 1954 in Arganda del Rey, a suburb in the southwest of Madrid. Until 1985, these transmitters were kept available as a supplement and reserve. After that time, only medium-wave operations remained here, for which a telescopic transmitter with a power of 600 kW was installed in the 80s. A special feature for the night operation at 1359 kHz was a steeply upward radiating cross dipole.

The medium wave 585 kHz, which was once also used from Arganda, was moved to Majadahonda in the west of Madrid with a gain from 50 to 600 kW. The frequency 1359 kHz came to a very gradual end over the past decade with increasingly rare evening switch-ons and digital transmission tests.

From 1964 to 1981 RTVE also used shortwave transmitters at Tenerife. At the Santa Cruz medium-wave station, the group of three truss towers can still be seen today, on which two antenna curtains for the two 50kW shortwave transmitters were mounted.

Finally, in 1990, something was added that was otherwise left to the larger players: a broadcasting station abroad, namely in Costa Rica. RTVE abandoned this small system with three transmitters and antennas for radiation to North America, Central America, Colombia and Venezuela in 2013.

At Radio Exterior de España (REE) itself, there has been no shortage of hustle and bustle over the past two decades. First of all, the German language service which started in 1990 disappeared in 2004 without a sound. For months, only evasive reasons were offered until the reason for the

omission was leaked: The editor who had designed these programs had been dismissed.

When major austerity measures were forced at RTVE in 2006, it was said that Radio Exterior would remain untouched "for the time being". But in 2012, adversity hit hard. There was a first series of redundancies, salary cuts and transfers to other areas of RTVE, combined with the cancellation of broadcasts. The shortwave frequencies intended for Europe and North America were no longer switched on.

On 15 October 2014, the Noblejas transmitter station was shut down. This also eliminated all foreign language broadcasts.

The shutdown of shortwave received intense criticism from the development aid and seafaring sectors of the REE audience. The military also attached great importance to these transmissions. RTVE was therefore



The Noblejas broadcasting centre on a QSL card of REE Madrid (1977)

forced to offer something after a few weeks. Thus, on December 16, 2014, there was initially a test. Two days later, the Noblejas shortwave station went back into operation, but no longer in full, but in a way in which the annual operating costs amounted to 600,000 euros instead of 1.2 million at the time.

Specifically, four frequencies were switched on for four hours on weekdays, eight hours on Saturdays and Sundays. There is no staffing with technicians, so the transmitter station is left solely to its system control. Frequent transmission failures are expected and accepted.

SHORTWAVE NEWS

“World's Most Powerful Radio” WBCQ Fails in Purchase

Southwest Florida Online
Commentary by Craig Seager

Broadcaster's Sister Nixed Huge Broadcast Radio Sale?

The world's most powerful commercial radio station, WBCQ operated by Allan Weiner in Monticello, Maine has failed in an attempt to purchase another large broadcaster in South Carolina.

WHRI, owned by the Family Broadcasting Corporation of South Bend, IN withdrew their offer to sell after a contract with a one-year time limit expired.

"Family Broadcasting Corporation, hereby withdraws the application in light of the termination of the Asset Purchase Agreement previously reported pursuant to 47 CFR §1.65 of the FCC's rules. Family Broadcasting Corporation has not and does not intend to enter into a local marketing agreement with the proposed assignee,"

In 2018, Radio Exterior was further strengthened with the arrival of a new program management. The production of REE's own broadcasts was expanded again and the use of transmitters was somewhat expanded.

On 16 March 2020, the production of Radio Exterior's own programs was completely suspended and Radio Nacional was switched on in its place. A resumption, initially to a limited extent, took place on 1 June 2020. As RTVE made clear, the temporary renunciation of separate foreign broadcasts was not only due to the circumstances surrounding the pandemic, but also to political reasons.

wrote attorney Joseph C. Chautin, III to the FCC August 13, 2021.

Allan Weiner, owner of WBCQ, an international shortwave broadcaster, has been broadcasting primarily conservative religious programming and a nightly ultra conservative talk show hosted by Hal Turner, a convicted felon and provocateur of all things politically right wing.

Additionally, Weiner has contracted with World's Last Chance ministries to finance a 500,000-watt international broadcast station beaming to the world 24/7 promoting bizarre theories including flat earth beliefs.

Galal Doss, a wealthy businessman from Egypt runs World's Last Chance, broadcasting bizarre prophecies, anti-Catholic messages and videos, and claims the earth is flat. The religious group says calendars should be

based on moon phases, instead of the solar calendar now used world-wide, while their programming and videos offer some very peculiar interpretations of Bible verses.

The hitch in the prospective purchase was apparently started when Barbara Weiner, sister of Allan, wrote to the FCC who has published a redacted copy of her letter, leaving out the name of a foreign person.

Ms. Weiner, a co-owner of the FCC license for WBCQ-FM, claimed Mr. Weiner is "fronting for a foreign national." She said the man, presumably Galal Doss or a representative of World's Last Resort sent Mr. Weiner money to buy the property next to WBCQ.

She said she viewed the closing documents and Mr. Weiner was to be given \$100,000 for a finder's fee on the transaction. She claimed the individual wanted Mr. Weiner to front for him and buy many U.S. radio stations.

She claimed Mr. Weiner had a felony record. (Mr. Weiner has a notorious "pirate radio" broadcaster background from decades ago and the FCC had shut down his operations at that time. Mr. Weiner has since claimed he was not found guilty in those events.)

She went on in the letter to the FCC saying the individual has sent Mr. Weiner millions of dollars to install a specialized Swiss/German antenna system for the 500,000 watt broadcast station.

Ms. Weiner said the man sent \$1,250,000 to her brother to buy WHRI in South Carolina, a powerful international broadcaster with six antenna arrays at the broadcast site. She said she has many other documents to prove her statements.

Allan Weiner's attorneys sent a letter to the FCC asking for confidential treatment of

certain filings after Ms. Weiner's letter was filed.

Allan Weiner Responds

Mr. Weiner has on his one-hour radio show each Friday night since the dead purchase, expressed his dismay of the government for acting "illegally" in delaying the prospective purchase, and verbally threatens those who nixed the deal saying they will eventually get punished. He wrote on his website:

"I write this memo out of total frustration with my government, pertaining specifically to the FCC.

"About one year ago I tendered an application to purchase WHRI international shortwave radio in South Carolina USA to add to the family of WBCQ free speech radio stations.

"Since then, the FCC has refused to act and grant me my request to purchase the station. Normally this request would take around six weeks to process.

"Repeated attempts to communicate with the FCC and its personnel have gone unanswered. Both by me and my FCC attorney. As a long-time shortwave broadcaster, I do not understand why the big holdup. I am an American citizen and have a right to buy a radio station. My attorney has suggested that this has gone beyond just a processing delay and that the FCC is against me broadcasting religious content on the radio. This is directly against my first amendment constitutional rights.

"I am doing all that I can to preserve free speech on the radio airwaves. I am reaching out to you public conveyors of radio truth to let the radio enthusiasts know about this and ask for your help in getting the FCC to grant my request to purchase WHRI. Not only

for the sake of free speech radio, but to save these great stations from the scrapyard and keep shortwave radio alive for future generations.

"I am available anytime for further comment and interview at 207-889-0039."

BBC on track to reach half a billion people globally ahead of its centenary in 2022

BBC Press Office

The BBC has achieved the highest ever global audience, according to the Global Audience Measure (GAM) published today, which records the total weekly number of adults accessing the BBC around the world.

In 2020/21, the BBC achieved record figures with an average audience of 489 million adults every week, an increase of over twenty million from the previous year.

This brings the BBC's global audience close to the 500m people target for 2022, which the BBC is on track to exceed in its 100th anniversary year. The BBC's audience has more than doubled in the last ten years.

BBC's international news services also reached record levels with 456 million adults using them each week (an increase of 18 million). This includes audiences for World Service languages, World Service English, World News TV, BBC.com and BBC Media Action.

Tim Davie, BBC Director-General, says: "I am delighted that the BBC now informs, educates and entertains more people around the world than ever before. Our global reach continues to grow and we are well on target to hit half a billion people by our centenary next year. The fact that our audience has more than doubled in the last decade shows how trusted and increasingly valued BBC services are right around the world. It also highlights the important role we play for

Britain on the global stage in carrying the UK's voice, democratic values and influence."

Liliane Landor, Senior Controller of BBC News International Services and Director of BBC World Service, says: "Global audiences for BBC News have reached record levels and our reputation for providing trusted, impartial news and information is world class. We have seen how vital our output has been to audiences in moments of jeopardy, from the Covid-19 pandemic to elections and conflicts. The BBC has strengthened its position in markets of need such as Iran, Afghanistan, Myanmar and the Democratic Republic of Congo, where access to trusted impartial news is paramount. We will continue to provide strong first-class journalism across our platforms."

The BBC World Service, which includes language services and World Service English, has continued to be a key growth driver, and still accounts for the largest share of BBC's global reach. Weekly audience reach for the World Service now stands at 364 million and is up 13 million from 2019/20.

Ongoing government investment in the World Service – in particular to boost digital, tackle disinformation and reach new audiences in India, Africa and the Middle East – has enabled BBC News to play a critical role in helping people across the globe safely navigate the Covid-19 pandemic.

Audiences turning to the BBC during the Covid-19 pandemic have led to an increased demand for trusted news online. This has positively affected digital reach and the growth of the BBC's owned sites, such as World Service languages sites and BBC.com.

This year's global performance was driven by the following factors:

- World Service languages growth: this year, the languages division drove the largest share of total BBC growth, up 20 million (+7%). The language services now reach 313 million adults weekly.
- Continued rise of digital: digital growth continues apace for BBC News outside the UK. Reach on all digital platforms is up by 23% to 186 million adults reached in the average week.
- Impressive performance of newer language services: these have seen rapid digital growth. The five strongest performing of the new language services are: Pidgin (+332%); Igbo (+204%); Yoruba (+94%); Gujarati (+78%) and Punjabi (+75%). As a result, 39% of World Service weekly reach now comes from digital platforms (41% for all BBC News).

SHORTWAVE HISTORY

Just 'a handful' heard New Zealand's first radio broadcast 100 years ago

By David Skipwith, Stuff Magazine
Nov 18 2021

Music remains a major draw for radio listeners but only a handful of Kiwis tuned in when New Zealand's first radio programme was broadcast out of Dunedin 100 years ago.

- BBC.com saw a rise of 8 million since 2020 and now has a reach of 40 million adults. Coverage of the US elections and the aftermath contributed faster growth for BBC.com than in previous years

- BBC Studios' international channels reached 65 million adults, an increase of 16 million.

- BBC Media Action, the BBC's international charity that works with media and communication for democracy and development – saw an increase in their contribution to GAM of 5 million, to 23 million.

The top 10 countries by BBC News audience are:

India	65m
United States of America	48m
Nigeria	34m
Kenya	15m
Tanzania	14m
Iran	13m
Bangladesh	12m
Afghanistan	12m
Brazil	11m
Pakistan	8m

Otago University physics Professor Robert Jack became the first local public radio show presenter and DJ when he hit the airwaves and played the song Hello My Dearie on the evening of November 17, 1921.

"The interesting thing is that it wasn't this big momentous event," explained radio history researcher Sarah Johnston.

"The general public – it probably would have passed them by without notice.

"People who are really into radio will say, 'Oh, radio had existed for years'. But this was the first transmission of voice and music. That's the distinction."

Far from the everyday household appliance that it would become, radio as it existed in New Zealand in 1921 was a very niche hobby for those with a technical mind and knowledge of electronics.

There wasn't much to listen to in the early post-war years, especially for the untrained ear, with the only broadcasts being government communications in Morse code.

Inspired by the potential for radio to connect people and help bridge the gap of New Zealand's isolation, Jack claimed "the whole life of the community will be broadened and educated by being brought into more effective touch with the life of the whole world".

The Scottish-born radio pioneer used state-of-the-art equipment sourced from Britain, and together with the help of his physics department colleagues, built a small transmitter. That historic device is now owned by the University of Otago and on loan to the Toitū Otago Settlers Museum.

"You had to know Morse to make any sense of it. Then you had to build your own receiver, your own radio, your own wireless set," explained Johnston.

"You had to submit plans for it to the Post and Telegraph Office and get sign-off from them, because they were not very keen on

amateurs accessing this new technology. It was only a couple of years on from World War One, so they were quite jumpy about that.

"Of course, everyone had to have a license too. You had to pay some money to get a license to have a radio."

Jack was unaware how big an audience he was reaching, but already had the attention of two fellow radio enthusiasts from the wider Dunedin area, while his initial broadcast was heard as far away as Auckland.

The highlight of the program, which began around 8.30pm, was the hit song "Hello My Dearie" by Cicely Debenham and Bertram Wallis, known from a popular London stage show.

"It was literally probably a handful of people. We know that the brother and sister Frank and Brenda Bell, who lived on a farm in-land from Palmerston, called Shag Valley, had picked it up," said Johnston.

"They were very keen on radio, and had been in contact with Professor Jack, they knew about his experiments. And so they were listening out on the night of the 17th.

"Brenda Bell, wrote in her diary, 'we heard Professor Jack, and we heard him play this song Hello My Dearie'.

"That's how we know - at least we have evidence - that that was the first song played on radio in New Zealand."

Jack continued making his experimental broadcasts twice a week until Christmas of 1921, after gaining permission from the Post and Telegraph Department.

Within a year, he had established the public station known today as Radio Dunedin - the fifth public radio station in the world to start

broadcasting, and the oldest outside the US - while the number of Kiwis who owned a radio also soared.

“By the end of 1922 something like 750 New Zealanders had a radio license,” said Johnston.

“You started to get enthusiasts setting up radio clubs, transmitting a couple of hours a week. And you also had people who owned music shops, stores that sold gramophone records, realize that this was a great way to promote their business, so they started setting up.

“In Wellington, the first radio station was on the roof of a shop that sold radio parts. So, if you're selling the parts to make the wireless that would make sense to give people something to listen to.”

Radio's popularity continued to grow and by the early 1930s there were more than 100,000 radio licenses in New Zealand. The radio was now a must-have household item, and a main source of information and entertainment.

Commercial production meant you could now buy a radio instead of having to build your own, while the addition of a loudspeaker led to the birth of the shared listening experience, as people began gathering to enjoy music, dramas, soap operas and serials.

“By 1925 you start to see advertisements saying ‘your home is not complete without a radio’, ‘every family needs one’, or ‘your family is missing out’,” said Johnston.

“So suddenly a family could sit around and listen together, and the radio became the entertainment hub of the house. That starts the real heyday of radio, which was right through until 1960 when television started here.”


Echoing Jack's early vision, Johnston believes New Zealand's position at the bottom of the world contributed to radio's rapid rise in popularity around the country.

Throughout the early 1920s there was very little electrical interference, with so few people using electrical appliances, making it easy for Kiwis to tune in to foreign broadcasts from the other side of the world.

“This was something that really changed the game for New Zealand in terms of being able to hear what was going on in the rest of the world.

“You could pick up radio stations from America and from Europe in New Zealand quite easily because there was very little interference.

“That was pretty huge for New Zealand in the 1920s, to be able to do that.”

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

Caltanissetta, the Rai Antenna was to be demolished "tomorrow": But the City and the Environmentalists say No!

From: BCLNEWS.IT - 21 Nov 2021
As reported by Glenn Hauser, World of Radio

For the Nissenians it is one of the symbols of the history of the city but, if the Superintendency of Cultural Heritage does not turn around, it will be dismantled, starting from tomorrow. The Rai antenna in Caltanissetta, which came into operation in 1951 to transmit the radio signal to the countries bordering the Mediterranean, is the tallest structure in Italy.

A system that has been shut down for 17 years

Recently managed by Rai Way, the system was shut down on 9 August 2004, due to the progressive decline in the audience from the Am (amplitude modulation) and the high cost of maintaining the systems. Considered a work of the highest ingenuity, it rises on the Sant'Anna hill, measures 286 meters in height, rests on a ceramic sphere and looks like a pencil with the tip down.

No constraints

Now the Superintendent of Cultural Heritage in a note declared that there are no landscape or cultural constraints, and tomorrow, Monday 22 November, as communicated by Rai Way, the dismantling will begin.

Environmentalists

The environmental associations Italia Nostra, Wwf Sicily, Legambiente and the Antenna Sant'Anna Park committee have long warned the superintendent Daniela Vullo to revoke

the opinions issued within 48 hours and, if this does not happen, they will take legal action. "It is an antenna that no longer transmits - explains the president of Legambiente of Caltanissetta Ivo Cigna - and therefore does not pollute, has a high historical and cultural value and stands on a hill of extraordinary beauty. For some time we have been proposing, among other hypotheses, that of building a telecommunications museum. At the moment there are two consortiums of entrepreneurs interested in this site. Another hypothesis has also been advanced: since the Mediterranean is becoming a place of extreme weather events, research institutions would be interested in using the antenna top to make a place for research and study. It would be the only one present in the Mediterranean".

Writer

"I am totally opposed to the dismantling of the Rai Antenna in Caltanissetta," says Enzo d'Antona, journalist from Nisseno, former director of La Città di Salerno and Il Piccolo, author of the book "Gli disorientati", which defined the antenna as owned by Rai Way, a «major identity element of the city». For d'Antona «no Nysian will be in favor of dismantling, for us it is a symbol. It is so high that even if you are near the Valle del Salso or on the motorway you notice it and every Nysian who returned from outside the heart opened up to see it again. He announced his arrival in your city. Over the years there have been many projects and

proposals. Since it has tie rods, there was also a proposal to make a Christmas tree visible from all over Sicily, but I see a lack of will on the part of the institutions, even on the part of the Region. These are symbols of identity ».

D'Antona launches a proposal: «Why not consider it a cultural asset of industrial archeology? In itself - continues the writer - it is a monument of this type. Unfortunately, what is happening has happened for many industrial type constructions. Already in Caltanissetta it happened for the historic headquarters of Fiat in viale della Regione, beautiful, a very rare example of industrial archeology, was demolished. If they want to bring it down, let them hold a referendum and ask the citizens. I would leave it as it is because in itself it is a symbol, a good to be preserved ». (gds online)

(via Roberto Scaglione, Sicily, bclnews.it - Google translation)

LAST MINUTE!

Counter-order: the Rai branch in Caltanissetta is now a property of cultural interest. The regional directorate of cultural heritage indicated this morning to the Superintendency of Caltanissetta to initiate the new procedures for affixing the link of cultural interest of the Rai branch of Caltanissetta, considered by the local community and by local organizations as a strong identity and deep historical and cultural value.

"The indication - underlines the regional councilor Alberto Samonà - expresses the will of the regional government to adequately accept the feeling of strong identification that the Nissen community has with the RAI antenna, considered as a cultural good with a high value history and identity of the territory ".

(via Michel Fremy)

INTERNET SOURCES

As regards the Rai Caltanissetta transmitter:

WRTH 2005 had it on 189, 567 kHz.

The latter, apparently diplexed into the mast in question, remained on air until September 2012.

<https://youtu.be/LXA2jojzeRM?t=158>

(followed by views of the other, at this point, already dead transmitters)

189 kHz was never more than 10 kW. From autumn 2014 they only used the 1 kW aux transmitter until the frequency was finally switched off on 19 January 2005 at 11:45 local time.

Don't forget shortwave, which was turned off already on 14 May 2003.

http://www.mediasuk.org/archive/cal_tx_e.html

http://www.mediasuk.org/archive/cal_ant_e.html

Further don't forget that the overnight programming on 6060 kHz came with 100 kW from Prato Smeraldo instead, including the last beeps that ever went out from that station.

<https://swli05639fr.blogspot.com/2007/10/last-minute-of-rai-international-on.html>

The Notturmo Italiano programme, founded in 1952, itself went away with all other remaining (i.e. not already terminated in 2007) Rai International services on 31 December 2011.

<https://www.youtube.com/watch?v=9DOR6AluI40>

A piece about the Caltanissetta mast matter:

https://www.ansa.it/sicilia/notizie/2021/11/21/antenna-a-caltanissetta-scrittoreva-mantenuta-e-bene-culturale_ffb7c2fe-1db0-42de-bbb0-3c2eafe037b8.html

And the station is, although no transmitters are on air anymore for nine years now, not abandoned, or at least was not just 14 months ago.

<https://goo.gl/maps/yweehUdk1Sv7XRX68>

SHORTWAVE NEWS FROM THE DRM CONSORTIUM

DRM in the World provides a global look at countries planning and broadcasting in DRM. The latest version is now available.

<https://www.drms.org/wp-content/uploads/2021/11/DRM-in-the-World-Leaflet-10.11.2021.pdf>

The Robinson Report
Looking at U.S. international broadcasting and the shortwave listening hobby



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USAGM (and BBC) Audience Claims: The Smoke and Mirrors Game

A perfect storm of breaking developments demands a return of attention to the international broadcasting scene – specifically USAGM, and the BBC – the latest claims by both of increasing global audiences.

Where USAGM/VOA are concerned, I view these periodic press releases as another form

of “Rope a Dope”, to recall the famous expression by the late Mohammad Ali.

For many years, the citizen watchdog site BBG Watch (now [USAGM Watch](#)) spent time deconstructing the big lie that this federal agency has foisted upon American and global publics when it comes to audience size.

See this report from 2019 which [<https://bbgwatch.com/bbgwatch/former-analyst-challenges-usagm-audience-measurement-methods-claims-of-sharp-increases/>] in which I broke the news that Kim Elliott, well known in the SWL community, became the first former USAGM official to publicly challenge methods used in making audience claims.

NASWA actually made news because Elliott's commentary ran first here in the Journal. Kim wrote a separate [piece](#), with some differences, for the USC Center on Public Diplomacy [<https://www.uscpublicdiplomacy.org/blog/usagm-audience-increase-less-startling-meets-eye>].

If there's one thing everyone should understand, audience figures . . . are **always going up! Never down.**

In mid-November of this year came the latest from USAGM: **“Measured weekly audience for all [USAGM] programming grew by 11 percent to reach an unprecedented 394 million people in fiscal year 2021.”**

Current and former VOA employees have long known that these figures, which USAGM rushes up to Congress to support requests for more money, have been inflated for decades.

Congress permits this smoke and mirrors game to continue. Lawmakers have neither the time nor interest in asking the kind of sharp questions about statistical methods utilized in coming up with these numbers.

Kelu Chao, the current acting USAGM CEO, said the latest figures equate to growth of 40 million adults, despite COVID-19 pandemic “limitations”. “More and more people are turning to our networks for information they can trust” she added.

A few points. The agency claims “large audiences” in Russia (7.9 million), China (65.4 million), and Iran (12.2 million). What **readers are not told is that the agency demonstrated weakness in gaining and retaining traction in these places in recent years.**

Sources reported that an internal report at VOA revealed a loss of 55 million in VOA's audience for China, by some calculations a 85 to 90 percent drop.

Many in VOA's Chinese-speaking audiences blamed VOA director Amanda Bennett for this – she had fired five Mandarin broadcasters for airing a live interview with a well-known dissident.

VOA managers initially approved the event, but got cold feet after the Chinese embassy complained and threatened the visas of VOA reporters in China. The live interview was cut short. VOA Chinese-language users took to Facebook and Twitter to voice their disgust.

Back to 2019 - the agency claimed **an unprecedented year-on-year increase of 67 million from 2017” to 345 million.**

But **“there really [was] no “year-on-year” increase,”** said Kim

Elliott, **“because that would require surveys every year in every country reached by the USAGM entities. There certainly is not enough budget for such an undertaking.”**

Elliott said figures [were] based on a “change of methodology” in which the agency uses survey questions focusing with even greater specificity on “all the programs and blog names” associated with key brand broadcasters, such as Voice of America.

And he asserted that a 6.2 percent increase claimed in China **“beggars belief and indeed is not to be believed.”** The new methodology “would explain an apparent increase of audience in China from 0.3% in 2014 to 6.2% in 2018 — **an increase that strains credibility.**”

As for Russia, USAGM demonstrated weaknesses there, and in Iran, where the agency claims ongoing major impact but was found by one study to be dead last compared to other media.

Myanmar/Burma is one place where both VOA and BBC have had major influence for decades. Thus, a BBC claim of a 132 percent increase may have more validity, as would VOA's.

But language used by USAGM brings on a funny feeling about how it comes to the conclusions it does, such as “audiences consuming” USAGM-sponsored content growing by 35 percent, and the term “unique individuals”.

USAGM uses clever language to give the impression that it has millions “consuming” its content each day, when this actually refers to an average over a week. The word average appears nowhere in the USAGM release, but does in the BBC's.

BBC is on track to reach half a billion people globally ahead of its centenary in 2022” declared the news release from London. Thus, the Beeb seizes psychologically important ground of being just short of half a billion, outgunning USAGM.

In my view, BBC certainly has more credibility given its ongoing dominance in programming and respected global TV operations. This is in stark contrast to USAGM.

Both BBC and USAGM have use emotion-laden wording. BBC cites the its “vital” output in places such as Myanmar, Iran, Afghanistan and the DRC. Both use audience performance reports to push for more funding.

“Reach” is a key term thrown around. BBC World Service accounts for the largest share of BBC’s **global reach**, a weekly audience “reach” of 364 million, “up 13 million from 2019/2020.” In comparison, **all USAGM programming** stood at 394 million.

Meanwhile, another major development. After a year of indecision, the White House announced President Joe Biden's “intention” to nominate none other than Amanda Bennett, the former VOA director, to head the entire USAGM [Bennett is the wife of ex-Washington Post publisher Donald Graham].

Was no one else available in the United States for this position, one of the “plum” jobs in Washington? It pays, after all, \$180,000 a year.

Did anyone at the White House note the scandals under Bennett's watch: political bias in VOA content, a Radio/TV Marti report that even USAGM acknowledged was anti-Semitic, a bribery scandal in VOA's Hausa service, a plagiarism scandal – reported on by none other than the Washington Post?

When the Senate Foreign Relations Committee meets to consider Bennett's nomination, she will surely face questions about some of this.

Already, House Republicans have demanded a trove of internal emails and other information relating to the re-hiring of a former VOA Persian Service chief who was investigated for abuse of government funds and misrepresenting academic credentials

and initially proposed to be fired by the former Trump-appointed CEO of USAGM.

Anyone interested in this story, see this account by The National Review at <https://www.nationalreview.com/2021/11/gop-alleges-corruption-at-global-media-agency/>

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA Good signal of WCB KNLS The New Life Station in English, November 10:
0800-0900 on 6075 English tx#2. B-21 sked 08 on 6075; 10 on 9680; 12 on 9580 & 9625; 14 on 9580; 03 on 13760. (DX Mix-Bulgaria)

Fair signal of WCB KNLS The New Life Station, November 11:
1000-1100 on 9715 Chinese tx#1 (DX Mix-Bulgaria)

Good signal of WCB KNLS The New Life Station, November 11:
1000-1100 on 9680 English tx#2. B-21 sked 0800 on 6075; 1000 on 9680; 1200 on 9580 & 9625; 1400 on 9580; 0300 on 13760 (DX Mix-Bulgaria)

Good signal of WCB KNLS The New Life Station, November 11:
1100-1200 on 9720 Chinese tx#1 (DX Mix-Bulgaria)

Good signal of WCB KNLS The New Life Station, November 11:
1100-1200 on 9570 Russian tx#2. At 1130 B-21 frequency/time announcement 0900 on 9540; 1100 on 9570 and 1500 on 9465 (DX Mix-Bulgaria)

ANGUILLA HFCC registrations for the B21 period show a new entry for "Plummer

Applications": 6090 at 2200-1000, 11885 at 1000-2200. These are the same times and frequencies previously used by Caribbean Beacon to relay Dr Gene Scott University Network, which has been off the air since hurricane Irma hit Anguilla in 2017. Plummer Applications is run from Nashville Tennessee by Dr Jerry Plummer who also works for WWCR. <https://www.docplummer.com/> (British DX Club)

ANTARCTICA Four women will be in charge of LRA36 Radio Nacional in Antarctica. Romina Zabalza is one of the three producers who, together with a technical operator, make up the team that in 2022 will be in charge of LRA36 Radio Nacional Arcangel San Gabriel, which operates in Antarctica Argentina and broadcasts from Base Esperanza, on 15476 19-metre shortwave band and 97.6 MHz FM. Romina told us that she is a dentist, a native of Tucuman, that she belongs to the Navy and that she will travel next February with her family to the Esperanza Base to join the 2022 work teams. Together with the producers Maria Rodriguez, Claudia Albarracin and the technical operator Mariela Churquina, she is undergoing training to take on the task during the summer and for the whole of next year. (radionacional.com.ar 15 Oct via Manuel Mendez) LRA36 is on air on 15476

mainly on Wednesdays and Saturdays around 1400-1800. (British DX Club)

ARMENIA Trans World Radio India in English via CJSC Yerevan on November 10: 1440-1510 on 9965 English Mon-Fri (DX Mix-Bulgaria)

TWR India relay FEBA Radio Pakistan in Urdu via CJSC Yerevan, November 1: 1510-1540 on 9965 Urdu Daily (DX Mix-Bulgaria)

Reception of FEBA Radio via ENC-DMS Yerevan on November 11: 1730-1800 on 7510 Silte (DX Mix-Bulgaria)

AUSTRALIA B21schedule for Reach Beyond Australia in English: 0900-0915 Mo/Fr 9860 1200-1300 Su 11825 1315-1330 Mo/We/Fr 11825 1345-1400 Daily 11945 (British DX Club)

5035, Unique R., Narrabri, NSW. At 0900 with antique third-rate pop music and occasional IDs. Fair signal. Runs broadcasts on a weekend basis. Transmits in USB mode which strips out the bass and lower mids audio so you can't hear any electric bass or bass drum. The resulting sound is really tinny, hardly conducive to a station that is predominately music programming. 8/10. (Wagner-Australia/Australian DX News)

5045, Nov 13, 0740, UNID from 0740 to 0925. non-stop pop songs with no announcements being heard; no break at 0800 nor at 0900; just strong enough to be able to ID many songs. (Ron Howard-CA/Shortwave Bulletin)

5055, Nov 13, 0927, Radio 4KZ, well above normal reception. (Ron Howard-CA/Shortwave Bulletin)

15410, Reach Beyond Australia (Kunanurra) at 2226 music and English IDs "This is R.B.A., Australia...shortwave..." and

at other times I believe the ID was "Reach Beyond", saying program would commence shortly, 2230 sign-on in English with welcome, into Japanese as listed. Poor, Nov. 14. (Harold Sellers-BC/DXplorer)

AUSTRIA Very good signal of Oesterreichischer Rundfunk-1 via Moosbrunn on November 20: 0600-0710 on 6155 German Sat/Sun; 0600-0720 Mon-Fri (DX Mix-Bulgaria)

BOLIVIA 3310, Nov 10, 2308, Radio Mosoj Chaski, Cochabamba. Quechua, tks. Occ. uty. QRM. 25341. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

BOTSWANA 15580, VOA Botswana English program. Email report with audio files verified and E-qsl card received after 3 days. Address: qsl@usagm.gov. (Pradip Chandra Kundu-India/Asian DX Review)

BRAZIL New 2 SW stations Radio Brasil Sem Fronteiras & Radio Saturno; Radio Brasil Sem Fronteiras: Various times 6145 unknown kW / unknown deg to BRA Portuguese Sat/Sun. Radio Saturno: Various times 6150 unknown kW / unknown deg to BRA Portuguese Daily but inactive at present. In a follow-up response, they advise: "We are still in technical adjustments - little by little we are getting better and better" (DX Mix-Bulgaria)

4925, Oct 27, 2104, R. Educação Rural, Tefé AM. Tks, mx. 15341. (Carlos Gonçalves-Portugal/Shortwave Bulletin) 4925, Nov 12, 2211, Radio Educação Rural, Tefé AM. Natl. nx magazine A Voz do Brasil. 35332 (Carlos Gonçalves-Portugal/Shortwave Bulletin)

6150, Radio Saturno in Belo Horizonte. I have not heard Radio Saturno 6150 since 2 November. In a follow-up response, they advise "we are still in technical adjustments, little by little we are getting better and better". (Nov 3) (Bryan Clark/New Zealand DX Times/ wwdxc BC-DX TopNews Nov 2/3)

6150 Radio Saturno, Belo Horizonte, 0443-0458, 07 Nov, songs, ID. At 0456: "Saturno... 1 y 56". At 0457 eclipsed by Romania signing on on 6145, at 0557 Romania closed down and audible again very weak, but at 0559 Austria signing on on 6165 and eclipsed again Radio Saturno. 15321. (Manuel Mendez-Spain/hcdx) 6150, Nov 4, 0910, Radio Saturno, Belo Horizonte, Non stop very nice pop songs in English, oldies, at 0929 ID. "A Saturno FM está no Facebook, facebook.com/radiosaturnoFm923, 5 horas y 29 minutos", and at 0942: "Saturno FM, 92.3", fair signal. Log via SDR remote receiver in Pardino, near Sao Paulo, Brazil. Thank you very much to Brian Clark for alerting about this station. (Manuel Méndez-Spain/Shortwave Bulletin) 6150, Radio Saturno, Belo Horizonte, 0717, 21-11, pop songs in English, Portuguese, comments, id. "Radio Saturno a sua melhor companhia". 25322. (Manuel Méndez-Spain/Hard Core DX)

9550.1, Nov 11, 2151, Radio Boa Vontade, Pt.º Alegre RS. Rlgs. propag., mx background, A Voz do Brasil at 2200.//11895.183 w/ empty carrier. 35332. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

9819.1, Nov 11, 2203, Radio 9 de Julho, São Paulo SP. Px Desporto 9. Adj. QRM de CHN on 9820. 24431. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

15190.1, Nov 10, 1955, Radio Inconfidência, Belo Horizonte MG. Nx, advs, px anns., fqs ann., px A Hora do Fazendeiro. 25442. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

BULGARIA Winter B-21 of Brother Stair via SPL Sofia:

0500-0800 on 9400 English Daily
0500-0800 on 11600 English Daily
0500-0800 on 13800 English Daily
1500-1700 on 15335 English Daily
1500-1600 on 9400 English Mo-Sa
1601-1655 on 11600 English Daily

1600-1940 on 9400 English Daily
2005-0500 on 5900 English Daily (DX Mix-Bulgaria)

CANADA The CBC's former shortwave repeaters, CKZU (CBU) and CFGB (CKZN) both on 6160, are listed in a current CRTC license renewal application, despite the fact that they are not currently licensed, and stopped broadcasting several years ago. The application is a complete reversal of the Summer 2013 situation when the CBC asked the CRTC to delete the license for CKZU, claiming they were already off the air, then having to rescind the request. At the time, CKZU was still on the air. (NRC DX News)

6030, CFVP Calgary, rec'd a E-QSL reply within hours after posting my e-mail report to qslcalgary@gmail.com v/s: Harold Sellers QSL Manager. (Edward Kusalik-AB/DX Fanzine) 6030, CFVP "Funny 10-60 AM" at 2218 with disclaimer "do not necessarily reflect the views of parent company Bell Media", into comedy routine by Steve Martin. Very good, Nov. 14. (Harold Sellers-BC/DXplorer)

CHINA Autumn here in the northern hemisphere means Xinjiang PBS switches to its winter frequencies – already noted on 26th October here on 3950, 3990 and 5060. Frequencies they use in the tropical bands are: Chinese 3950 5060; Uighur 3990, 4980; Mongolian 4500; Kazakh 4850. (British DX Club)

CLANDESTINE Radio Mazaris Samay a new Eritrean Christian broadcast via MGB Talata Volonondry, November 20:

1500-1530 on 11705 Tigrinya
1500-1600 on 11705 Tigrinya, will be extended from February 1 (DX Mix-Bulgaria)

New clandestine broadcast Oromia Media via TDF Issoudun, November 5:

1700-1720 on 15340v Tigrinya (DX Mix-Bulgaria)

Updated B-21 schedule of Afghanistan International:

0300-1300 on 7600vTAC Pashto(7599.9v)

1300-0300 on 7600 ERV Pashto, nominal (DX Mix-Bulgaria)

Updated B-21 schedule of Iran International

0430-1330 on 15630vTAC Farsi(15629.85v)

1330-0430 on 5830vTAC Farsi(5829.9v) (DX Mix-Bulgaria)

B-21 of Radio NUG Voice of National Unity Government of Myanmar:

0130-0159 on 17710 PAO Burmese

1330-1359 on 11965 PAO Burmese (DX Mix-Bulgaria)

Oromia Public Media Raadiyyoni Dirree Shaggar via WRMI TDF Issoudun B21 schedule:

1600-1630 15330-iss in Afan & Oromo (alt 1700-1730 on 15340-is) (British DX Club)

Good signal of Voice of Oromo Liberation via MBR Nauen, October 31:

1700-1730 on 9610 Afan Oromo Wed/Fri/Sun (DX Mix-Bulgaria)

Dandal Kura Radio International via MBR Issoudun, October 31:

1800-1830 on 9850 Kanuri (DX Mix-Bulgaria)

Reception of Radio ERGO via ENC-DMS Al-Dhabbayya on November 11:

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

Reception of Dimtse Radio Erena via SPL Secretbrod, November 12:

from 1700 on 9720 SCB Tigrinya (DX Mix-Bulgaria)

Reception of BRB Denge Welat via TDF Issoudun on November 1:

0330-0600 on 7350 Kurdish

0600-0630 on 7350/11530 NO SIGNAL, bad coordination between Issoudun and Grigoriopol. (DX Mix-Bulgaria)

Reception of BRB Denge Welat, on November 5:

0330-0600 on 7350 via TDF Issoudun Kurdish (DX Mix-Bulgaria)

from 0600 on 11530 via Grigoriopol Kurdish (DX Mix-Bulgaria)

Winter B-21 frequency change of Dimtse Woyane Tigray via TDF Issoudun:

0400-0500 NF 9750 Tigrinya, ex 9760 in Winter B-20 (DX Mix-Bulgaria)

Radio Dap Loi Song Nui/Vietnam Democracy Radio via Paochung, November 14:

1230-1258 on 9670 Vietnamese (DX Mix-Bulgaria)

Reception of Dimtse Woyane Tigray via TDF Issoudun on November 2:

1500-1600 on 15160 ISS Tigrinya (DX Mix-Bulgaria)

NEXUS IRRS Shortwave Kashmir Civitas/Free Kashmir via Galbeni, November 2

1600-1629 on 15170 English only today Tue (DX Mix-Bulgaria)

B-21 frequencies of JSR Shiokaze/Sea Breeze via Yamata:

1300-1400 on 7250 YAM in various languages#

1300-1400 on 7335 YAM in various languages#

#1300-1330 in Japanese Mon/Tue/Sat/Sun; Korean Thu/Fri & English Wed.

#1330-1400 in Korean Thu-Sun; Japanese Mon/Tue and English Wed.

1600-1700 on 6020 YAM in various languages*

1600-1700 on 6135 YAM in various languages*

*1600-1630 in Japanese Mon/Tue/Sat/Sun; Korean Thu/Fri & English Wed.

*1630-1700 in Korean Thu-Sun; Japanese Mon/Tue and English Wed. (DX Mix-Bulgaria)

Reception of National Unity Radio Free Chosun via Tamsui, November 9:
1100-1358 on 6115 TSH Korean (DX Mix-Bulgaria)

Reception of Voice of Martyrs via RRTM Telecom Tashkent, November 9:
1200-1230 on 9930 Korean Daily (DX Mix-Bulgaria)

Radio Free North Korea via RRTM Telecom Tashkent, November 9:
1300-1400 on 9910 Korean (DX Mix-Bulgaria)

9720, Eye Radio Arabic Service to Juba in Southern Sudan via Santa Maria de Galeria Transmitter. E-QSL Verification with confirmation statement for my March 23.21 report. Reply in 4.5 months via eyeradio@eyeradio.org. V/S: James Kweje. (Edward Kusalik-AB/Asian DX Review)

COLOMBIA 4940, Fuerza de Paz, 0505-0615, 07 Nov, religious comments and songs, program "Tu Historia Preferida". 25322. (Manuel Mendez-Spain/ hcdx)

CUBA Winter B-21 frequency changes of Radio Habana Cuba from Nov. 21:
1200-1500 NF 6145 QVC Spanish, ex 6000 B-20
1200-1400 NF 11950 BAU Spanish, ex 6100 B-20
2030-2100 NF 15370 BAU French, ex 13680 B-20
2100-2130 NF 15370 BAU Portug, ex 13680 B-20
2130-2200 NF 15370 BAU Arabic, ex 13680 B-20
2200-2400 NF 15370 BAU Spanish, x 13680 B-20
0000-0500 NF 9650 BEJ Spanish, ex 9710 B-20
0100-0700 NF 6165 BAU English, ex 9700 B-20 (DX Mix-Bulgaria)

DENMARK 6055NF, Radio OZ-Viola, F/D E-QSL, in 1 day for e-report to the following e-mail address: jansteendk@hotmail.com. (Jürgen Waga-Germany/DX Fanzine)

EGYPT Radio Cairo has made a surprise return to SW after some years absence. Initially only the Turkish service is being heard from 1700-1900 on 9950 (9949.6 to be precise). I have checked on several subsequent days and only hear a strong carrier or loud buzz on the channel, but have heard no intelligible audio from transmitter. (Dave Kenny-UK via BrDXC-UK "Communication"/Worldwide DX Club) Radio Cairo in English is in fact transmitting on 9440 {instead}, in GOOD quality! But as a by-product, Radio Cairo produces a wide, terrible buzz at 9475 +/- 30 kHz. After a minute of listening in good quality, 9440 just went off-air at 2215, and the wide-band buzz also disappeared. So they were on air 2125-2215 on 9440. Let's see if they will return on air tomorrow! (Alexander Busneag-Germany, wwdxc BC-DX TopNews Nov 11) Radio Cairo reactivated on its shortwave frequency 9440 via Abis center on Nov 12. Good signal strength but with horrible modulation and distorted audio via SDR Tambov, Russia remotely. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews Nov 12/TopNews)

Radio Cairo via Alexandria Abis center being heard in English on 9900 for their scheduled 2115-2245 transmission. There's a strong carrier, but very scratchy audio - however some words and music can be made out. Have sent an email welcoming them back to shortwave, and mentioning the poor audio quality and expressing a hope that they can resolve the audio problems. Email address is englisheuropeservice@gmail.com. (Alan Roe, Teddington-UK, BrDXC-UK groups.io Nov 12/TopNews)

ESWATINI Winter B-21 frequency changes of Trans World Radio Africa via Manzini:

1802-1902 NF 13810 Arabic Mon-Fri, ex 9500 B-20

1820-2005 NF 7410 vary languages, ex 6130 B-20 (DX Mix-Bulgaria)

ETHIOPIA 6030, Radio Oromiya (OBN), e-mail verie in 161 days, v/s Korie Shankulie (Departmental Head), arsiesha.ko@gmail.com. (Vashek Korinek-South Africa/DX Fanzine)

7110, Nov 11, 0425, Radio Ethiopia (Home Service), 0425-0505. Brief HOA music; mostly just announcers; poor to almost fair; local sunrise at Addis Ababa was at 0316; no other signal heard on frequency; no jamming. BTW - Checking for Zanzibar (6015); again no signal at all at 0335 & 0400, Nov 11. Are they regularly off the air now? (Ron Howard-CA/Shortwave Bulletin)

FRANCE Winter B-21 frequency changes of Radio France Int.:

0430-0500 NF 11700 MDC Swahili, x 9665

0530-0600 NF 11700 MDC Swahili, x 11790

0700-0800 NF 15300 ISS French, ex 13695

0700-0800 NF 17850 ISS French, ex 15300

0900-1100 NF 15300 ISS French, ex 13695

0900-1100 NF 17690 ISS French, ex 15300

1200-1300 NF 21690 ISS French, x MDC tx

1800-1900 NF 9790 ISS French, ex 9725

1800-1900 NF 11995 ISS French, ex 9810

1800-1900 NF 13740 ISS French, ex 11995

1800-1900 NF 15300 ISS French, ex 13740

1900-2000 NF 9635 ISS French, ex 7205

1900-2000 NF 9790 ISS French, ex 9635

1900-2000 NF 11995 ISS French, ex 9580

1900-2000 NF 13740 ISS French, ex 11995

2000-2030 NF 9760 ISS Hausa, ex 7380 (DX Mix-Bulgaria)

Mini Transat weather on SW Weather reports in French and English are again being broadcast from Issoudun for participants in this year's Mini Transat yacht race between France and the Guadeloupe. The first leg

from France to the Canary Islands took place from 26 September to approx. 15 October. The schedule was 1500-1600 in AM 1600-1700 in DRM on 13735-iss. The second leg from Canary Islands to Guadeloupe runs from 29 October until about 9 November. The schedule is 17800-iss from 1500-1600 UTC in AM and 1700-1800 UTC in DRM Confirmed on 30 October from 1700-1757 with a strong signal in DRM via the St Lucia SDR (Dave Kenny-UK). More info about the race at <https://www.minitransat.fr/en/presentation/#presentation>. (British DX Club)

GERMANY NDR Christmas Gruss an Bord on Fri December 24, 2021:

1900-2100 on 6030 ERV German

1900-2100 on 6080 NAU German

1900-2100 on 9570 MOS German

1900-2100 on 9740 NAU German

1900-2100 on 9800 ISS German

1900-2100 on 11650 ISS German

2100-2300 on 6145 NAU German

2100-2300 on 6155 ERV German

2100-2300 on 9590 ISS German

2100-2300 on 9675 MOS German

2100-2300 on 9740 NAU German

2100-2300 on 9830 ISS (DX Mix-Bulgaria)

Special broadcasts of RADIO SE-TA 2 on 6095 via MBR Nauen:

0900-1100 on 6095 German Sat December 25, 2021

1100-1200 on 6095 German Sat January 01, 2021 (DX Mix-Bulgaria)

Deutscher Wetterdienst DWD via Pinneberg, November 6:

0600-0630 on 5905 PIN 10 kW German

0600-0630 on 6180 PIN 10 kW German (DX Mix-Bulgaria)

Reception of Bible Voice Broadcasting via MBR Nauen, November 20:

1430-1500 on 11900 English Sat (DX Mix-Bulgaria)

Fair signal of Voice of The Andes via MBR Nauen, November 20:
1529-1629 on 9500 Russian/Chechen Sat (DX Mix-Bulgaria)

GUAM Reception of KTWR Trans World Radio Asia in English via Agana, November 10:
1245-1300 on 11590 English Sun-Wed (DX Mix-Bulgaria)

Trans World Radio India in Kazakh via Agana from November 4:
1428-1430 NF 9900 Trans World Radio India Interval Signal
1430-1445 NF 9900 Kazakh, ex 9910. BUT also is registered
1430-1445 on 9900 Uighur Mon-Thu TWR India from January 2
1500-1600 on 9900 Korean Tue-Sat KTWR Asia from January 1 (DX Mix-Bulgaria)

Winter B-21 DRM schedule of KTWR Trans World Radio Asia:
1057-1127 on 9910 TWR English Sat
1128-1230 on 9910 TWR Japanese Sat
0957-1026 on 15200 TWR Tamil Sun
1026-1056 on 15200 TWR English Sun

Additional transmissions of KTWR Trans World Radio Asia in DRM mode:
1400-1430 on 11860 English Daily December 1-26 (DX Mix-Bulgaria)

7510, KTWR, 60 second English language lesson as part of the Korean service. Full data colour powerpoint-pdf in English ("19-A" with a view on the antenna field) and current schedules. Received in 17 days for a report in English to asiafeedback@twr.org, V/S Linda Alvord. (Hansjoerg Biener-Germany/Worldwide DX Club)

12040, KTWR, QSL & pennant in 66 days. Report in English sent to: asiafeedback@twr.org. (Christian Ghibaudo-France/DX Fanzine)

INDIA The changes for All India Radio External Services for the B21 period starting October 31 is as follows:
1045-1200 in Tibetan on 11925 Via New Delhi, ex 11560
2345-0115 in Chinese on 13795 Via Bengaluru, ex 13710 (Jose Jacob-India, VU2JOS/DX India)

Unscheduled broadcast of All India Radio in Punjabi, November 10:
1322-1330 on 11560 BGL Punjabi, unscheduled on shortwave and
1330-1430 on 11560 BGL Dari, as scheduled in AIR Winter B-21 (DX Mix-Bulgaria)

9445, All India Radio, English programme. QSL card [picture right] received in 19 months for report to web-form at <https://feedback.prasarbharati.org/>. (Peter Jones-UK/British DX Club)

INDONESIA 3325, Nov 11, 1152, Voice of Indonesia via Palangkaraya, continuing with no signal at 1152, 1205, 1237 & 1250. (Ron Howard-CA/Shortwave Bulletin)

IRAN Winter B-21 frequency changes of VIRI IRIB / PARS TODAY
1423-1520 NF 9390 SIR Hindi, ex 7445
1623-1720 NF 6040 ZAH Pashto, ex 5935
1823-1920 NF 5970 SIR Albanian, ex 7305 (DX Mix-Bulgaria)

Registered B21 schedule for Voice of the Islamic Rep of Iran in English:
1520-1620 on 7300-sir
1920-2020 on 6040-sir 11880-sir (HFCC) VIRI broadcasts in Spanish are no longer listed in the HFCC and appear to have been dropped. (British DX Club)

JAPAN Winter B-21 frequency changes of NHK World Japan Network Radio Japan:
0400-0430 NF 12010 TAC Persian, ex 9855
0430-0500 NF 9865 ISS English Mon-Fri, ex 7445

0500-0530 NF 9865 ISS English Sat/Sun, ex 7445
1300-1330 NF 5895 TAC Bengali, new time, ex 15365 DHA A-21
1315-1345 NF 15325 DHA Indonesian, ex 11925
1430-1500 NF 11735 YAM Burmese, new time, ex 13610 A-21
1500-1700 NF 11735 YAM Japanese, addit, ex 13610 A-21
1700-1900 NF 6000 NAU Japanese, ex 9765
1900-2100 NF 9835 YAM Japanese, ex 9695
2130-2200 NF 7355 YAM Indonesian, ex 6075

B21 schedule for NHK Radio Japan in English:

0430-0500 Mon-Fri on 7245-smg 9865-iss
0500-0530 Sa-Su on 7245-smg 9865-iss
1400-1430 Daily on 6155-tac 11925-dha (NHK via Peter Jones/British DX Club)

KOREA (South) KBS World Radio have discontinued quite a few broadcasts in winter B-21 probably due to financial cutbacks:

0900-1000 on 6155 KIM Japanese
1300-1400 on 7275 KIM Chinese
1600-1700 on 9805 KIM Indonesian
1700-1800 on 7275 KIM Korean
1700-1800 on 9740 KIM Korean
2200-2300 on 9805 KIM Indonesian
2300-2330 on 7275 KIM Vietnamese
2300-2400 on 9805 KIM Chinese
0100-0200 on 11810 KIM Spanish (DX Mix-Bulgaria)

3910, Nov 11, Voice of the People, also with new developments; frequencies silent today - 3930, 3480 & 4450; while 3910 // 6520 // 6600 all active today. (Ron Howard-CA/Shortwave Bulletin)

KUWAIT Radio Kuwait continues to have transmitter troubles, Alan Pennington writes "Radio Kuwait in English found on 15410v this morning, nowhere near the scheduled 15530. At 0609 end of news, weather and announced FM fqs. At 0619 "International

Historical Events" - an 'on this date in history' style feature. But audio starting to break up as well so tuned off. Ministry of Information - State of Kuwait has same frequency 15530 registered for English 0500-0800 on HFCC for upcoming B21 season from 31st October. But what are the chances of hearing it on that frequency? (AP 28 Oct/British DX Club)

KYRGYZSTAN Monitoring of the transmitter in Bishkek on 5130 indicates that the Christian programme heard from sign-on at 1500 is in a Central Asian language rather than Dari. This would presumably indicate that it is not originating from Pamir Ministries, who only produce programmes in Dari and Pashto for Afghanistan according to their website. Pamir's "Sound of Life" ("Sadaye Zindagi") in Dari, which is mostly reported by listeners on this frequency, is however heard later up to sign-off at 1800 (Tony Rogers-UK/British DX Club)

MADAGASCAR B21 schedule for Madagascar World Voice in English:

0300-0400 on 13760 (New Life Station)
0400-0500 on 11825 (African Pathways Radio)
1800-1900 on 13670 (African Pathways Radio)
2000-2100 on 11965 (African Pathways Radio) (HFCC/British DX Club)

MALAYSIA 9835, RTM Sarawak FM via Kajang, f/d eQSL received after 24 hours for my email report to: pnk_rtmkajang@rtm.gov.my. V/s Ab. Aziz Bin Mohamed. (Babul Gupta-India/Asian DX Review)

MOLDOVA Additional transmissions of Trans World Radio India via Grigoriopol:

0045-0100 on 7590 Hindi Sun; Dzonka Sat
0100-0115 Hindi Sun-Fri (DX Mix-Bulgaria)

MONGOLIA Voice of Mongolia in English via Ulaan Bataar on November 4:

0900-0930 on 12084.8v English (DX Mix-Bulgaria)

NETHERLANDS Radio Onda new transmitter for 9520. Radio Onda plan to start testing 9520 next week: "The new transmitter has arrive!! From 9200 to 9900 with ~500 watts. I will start to test in on site next Monday on 9520." (OndaShortwave on F_B, BrDXC-UK groups.io 4 Nov) Radio Onda, Belgium broadcasts from Borculo in the east of the Netherlands with mainly Brazilian music. Current frequency 6140. (registered on HFCC B21 24hrs on both 6140 and 9520, though to date has been mostly just weekends, daytime. via Alan Pennington-UK Nov 5)

Last minute frequency change of Brazilian Radio Onda ASBL via new transmitter Borculo

0700-2000 NF 9530 BCL 001 kW Portuguese Sat/Sun tx#2, ex 9520 via Margraten

0700-2000 on 6140 BCL 001 kW Portuguese Sat/Sun tx#1, ex same QRG via Margraten (DX Mix-Bulgaria)

Winter B-21 new frequencies of Radio Piepzender via Zwolle:

0800-2200 on 6185 ZWO 001 kW Dutch Sat/Sun - no change

0800-1700 NF 7445 ZWO 001 kW Dutch Sat/Sun, x 3920

1700-0800 NF 7425 ZWO 001 kW Dutch Sat/Sun, x 3920

And winter B-21 schedule of new station ICON BV via transmitter:

0500-1800 on 5955 ICN 001 kW Dutch Daily

1800-0500 on 5955 ICN 001 kW Dutch Friday (DX Mix-Bulgaria)

5810, Radio Piepzender, via Radio Continental, F/D E-QSL, in 10 days for e-report to: radioqsl@hotmail.com. (Jürgen Waga-Germany/DX Fanzine)

NEW ZEALAND Radio New Zealand Schedule Oct 31, 2021 - Mar 26, 2022:
0000-0658 on 15720 Daily

0659-0858 on 11725 Daily

0859-1258 on 11725 Mon - Fri

0859-1258 on 11725 Sat Sun

1259-1650 on 7390 Sun - Fri

1259-1758 on 7390 Sat

1651-1735 on 9780 DRM Sun - Fri

1736-1954 on 11690DRM Sun - Fri

1759-2058 on 11725 Sat

1955-2058 on 15720DRM Sun - Fri

2059-0000 on 15720 Daily (Bill McDavitt-FL)

PAKISTAN Winter B-21 registered frequencies of PBC Radio Pakistan. One transmitter (Islamabad) per service has been observed for last time in B-16:

0045-0215 on 13630 Urdu

0045-0215 on 15730 Urdu

0500-0700 on 17770 Urdu

0500-0700 on 17820 Urdu

0830-1100 on 15630 Urdu

0830-1100 on 17895 Urdu

1100-1105 on 15630 English

1100-1105 on 17895 English

1200-1300 on 9670 Chinese

1200-1300 on 11530 Chinese

1330-1530 on 11550 Urdu

1330-1530 on 13740 Urdu

1700-1900 on 7540 Urdu

1700-1900 on 9745 Urdu

Transmitters of Islamabad have technical problems such as extreme distortion and low modulation or under-modulation. (DX Mix-Bulgaria)

7325, R Pakistan in Urdu reported last month at 0200-0230 is apparently UAE FEBA Radio Pakistan in Urdu via Al-Dhabbiya, (Shortwave Bulletin)

PALAU Very good signal of T8WH Angel 5 Hope Radio via Medorn, November 15: from 0803 on 9965 English (DX Mix-Bulgaria)

PERU 4775.1, Nov 7, 2243, Radio Tarma, Tarma. Cast, songs, tks, stn. sl. R. Tarma Internacional - ¡La Primerísima! (Carlos Gonçalves-Portugal/Shortwave Bulletin)

PHILIPPINES Updated new winter B-21 schedule of FEBC Radio Teos:
1500-1545 on 9920 BOC Russian Mon-Wed
1500-1600 on 9920 BOC Russian Thu-Sat
1500-1300 on 9920 BOC Russian Sun
1530-1545 on 9920 BOC Ukrainian Sun
1545-1600 on 9920 BOC Russian Sun (DX Mix-Bulgaria)

B21 schedule for Radio Pilipinas via USAGM Philippines transmitters:
0200-0330 English on 9475-pht 15640-pht 17820-pht
1730-1930 Tagalog/Eng on 9925-pht 12120-pht 15190-pht (British DX Club)

Reception of Vatican Radio via USAGM Tinang, November 13:
1230-1315 on 5980 Chinese Mass Sat
1230-1310 on 7485 Chinese Mass Sat
1230-1310 on 9720 Chinese Mass Sat (DX Mix-Bulgaria)

9405, FEBC Radio (Bocau) at 2235 with Christian instrumental music, woman in Mandarin. Very poor, Nov. 14. (Harold Sellers-BC/DXplorer)

9795, FEBC Radio (Iba) at 2254 playing repeating musical IS, at 2300 tones and into indigenous type of music briefly, with man signing on in presumed listed Lao, mention F-E-B-C. Good, Nov. 14. (Harold Sellers-BC/DXplorer)

11825, BBC World Service (Tinang) at 2301 in English with news. Had signed on at 2300. Fair, Nov. 14. (Harold Sellers-BC/DXplorer)

POLAND HFCC B21 again shows a registration for a new SW station which is not yet on the air: SPW Radio Warsaw - Transatlantic Radio Station Cul with 10 kW from Babice at 0700-1000 on 7470, 0700-1300 on 7415. Hansjoerg Biener writes: "This station was first registered in 2020 when the friends of the historic Babice station planned

to revive the historic broadcasting site. Between the First and Second World War Babice was home to the international communications station of Poland and also the site of external broadcasts. The call sign is reminiscent of the early shortwave station of Polskie Radio. (Dr Hansjoerg Biener 20 October 2021/British DX Club)

ROMANIA B21 schedule for Radio Romania International in English:
0100-0200 on 5990 7325
0400-0500 on 6020 7410 11790 13720(DRM)
0630-0700 on 6040(DRM) 7345 17780 21470
1200-1300 on 13750 15460 17800 21470
1800-1900 on 6030 7350(DRM)
2130-2200 on 6030(DRM) 7375 6170 7310
2300-2400 on 6040(DRM) 7220 7325 9620 (RRI via Paul Gager/British DX Club)

RRI transmitter failure. RRI German service announcement: Our morning and evening broadcasts at 0600 and 1800 are currently only on the DRM frequencies 7325 and 7245 respectively. To blame for the situation is the BD-300-1 transmitter in Țigănești, which failed in April. Since then the defective part of the transmitter has been replaced but unfortunately the replacement was faulty. The broadcast service provider Radiocom has restarted the tendering process. Unfortunately we can at the present time not say when the problem will be finally fixed. (RRI German service 12 October via WB) The outage also affects some English frequencies. (British DX Club)

Winter B-21 frequency changes of Radio Romania International:
0100-0156 NF 5990 GAL English tx#1, ex 6130
0200-0256 NF 5990 GAL French tx#1, ex 6130
0630-0656 NF 21470 TIG English tx#1, ex 15450
0730-0756 NF 15200 TIG Arabic tx#1, ex 11960

0800-0856 NF 15200 TIG Romanian* Sun tx#1, ex 11960
 0900-0956 NF 15200 TIG Romanian* Sun tx#1, ex 11960
 1000-1056 NF 15200 TIG Romanian* Sun tx#1, ex 15430
 1100-1156 NF 15200 TIG French tx#1, ex 15430
 1400-1456 NF 7350 TIG Russian tx#2, ex 5945
 1400-1456 NF 9490 TIG Russian tx#1, ex 7210
 1630-1656 NF 7370 TIG Arabic tx#1, ex 7290
 * Curierul Romanesc; Tiganesti TIG tx#1 is inactive at present (DX Mix-Bulgaria)

RUSSIA Winter B-21 shortwave schedule of Radio Purga/Chukotka:
 2000-2200 on 6025 K/A Russian DRM mode
 2200-0100 on 11860 K/A Russian DRM mode
 0100-0600 on 9850* K/A Russian DRM mode
 0600-1000 on 6025 K/A Russian DRM mode
 *alternative 15325 K/A Russian DRM mode (DX Mix-Bulgaria)

SINGAPORE 9580 BBC, Kranji. Very large signal with EE WS 1022, NF, 1/11. (Seager-Australia/Australian DX News)

SOLOMON ISLANDS 5020, Nov 10, 0835, SIBC. Off the air during the following checks: 0835, 0916, 1013, 1119 and 1128 UT. Still being erratic! (Ron Howard-CA/Shortwave Bulletin)

SPAIN Radio Exterior de España, scheme B-21 (developed) Broadcast schedule B-21 of Radio Exterior de España, corresponding to October 31, 2021 and valid until Sunday, March 26, 2022: {not on requested 11685, due of UTE QRM in B20, A21 etc. wb/Worldwide DX Club}

1400-2300 11685; 11940; 9690; 12030 (Saturday and Sunday)
 1600-2400 11685; 12030 (Monday to Friday)
 1900-2400 11940; 9690 (Monday to Friday)
 0000-0300 11940; 9690 (Tuesday to Saturday) Taking into account that the broadcast is fundamentally in Spanish,

although there are spaces in other languages (Arabic, English, French, Portuguese and Russian). (Antonio Buitrago, director of REE/Worldwide DX Club)

SUDAN By chance, tuned into Omdurman, Sudan here last night (Sunday 24 Oct) on off-channel 7206.0 at 2045 and heard it continuing in Arabic past 2100. Best on USB but even so very difficult to copy due to stronger RFI and CRI on 7205 at that time. This was before the military coup which happened in local morning today apparently, with civilian rule dissolved, leaders arrested and a state of emergency declared. Late this afternoon (and currently) Sudan heard still on the air on the off channel 7205.95 with a mix of speeches, interviews and local songs/music, in Arabic. The BBC reported this morning that state TV and radio HQ had been taken over by the military. (Alan Pennington-UK 25 Oct) Sudan Radio's SW frequency usually switches to 9505 between 1630-1900 to carry the external service Voice of Africa, but this has been missing since the coup with the domestic service remaining on 7205 during this time. (Dave Kenny-UK/British DX Club)

7205, Nov 7, 0514, Sudan Radio, Al Aitahab, Arabic, comments. (Méndez-Spain/Shortwave Bulletin)

SWEDEN 6035, Radio Nord via Julita, F/D QSL card, in 40 days for report to postal address with 2 \$ for return postage.. (Jürgen Waga-Germany/DX Fanzine)

TAIWAN Winter B-21 frequency changes of Radio Taiwan International:
 0900-1000 NF 12065 PAO Amoy, ex 12005
 1000-1030 NF 12065 PAO Cantonese, ex 12005
 1000-1030 NF 13825 PAO Cantonese, ex 15270
 1030-1100 NF 7200 TSH Korean, ex 9610
 1030-1100 NF 12065 PAO Hakka, ex 12005
 1030-1100 NF 13825 PAO Hakka, ex 15270

1500-1530 NF 9540 PAO Cantonese, ex 9545
1530-1600 NF 9540 PAO Hakka, ex 9545
1600-1700 NF 9405 PAO English, ex 6185
2300-2330 NF 9580 PAO Korean, ex 9430 (DX Mix-Bulgaria)

Radio Taiwan International via Paochung, November 16:
0900-1000 on 12065NF PAO Amoy (DX Mix-Bulgaria)

Radio Taiwan International via Paochung, November 16:
1000-1030 on 12065NF Cantonese
1000-1030 on 13825NF Cantonese (DX Mix-Bulgaria)

11820, AWR Vietnamese program via Paochung, email report having audio files verified with this f/d E-qsl received in 2 days. Address: qsl@awr.org. (Pradip Chandra Kundu-India/Asian DX Review)

THAILAND New B-21 schedule of HSK9 Radio Thailand WS:

0000-0030 on 13750 UDO English
0030-0100 on 13750 UDO Thai
0200-0230 on 13750 UDO English
0500-0530 on 17640 UDO English
1000-1030 on 17630 UDO Thai
1200-1230 on 9940 UDO English
1230-1245 on 9940 UDO Vietnamese
1245-1300 on 9390 UDO Chinese
1300-1315 on 9390 UDO Japanese
1315-1330 on 9390 UDO Bahasa Malay
1330-1415 on 9390 UDO Thai
1800-1830 on 7475 UDO Thai
1830-1930 on 7475 UDO English
1930-1945 on 7475 UDO Thai (DX Mix-Bulgaria)

Radio Thailand English schedule as of Nov 1, 2021:

0000-0030 Was 15590 - Now 13750
0200-0230 Was 15590 - Now 13750
0500-0530 17640 - No Change
1200-1230 Was 9390 - Now 9940

1830-1930 Was 9920 - Now 7475 (McDavitt-FL)

TURKEY Winter B-21 frequency changes of TRT Voice of Turkey:

0400-0455 NF 7285 EMR English, ex 7240
1500-1525 NF 7255 EMR Italian, ex 6185 (DX Mix-Bulgaria)

B21 schedule for Voice of Turkey in English:

0400-0500 on 6125 7285

1330-1430 on 12035

1730-1830 on 9660

1930-2030 on 6050

2130-2230 on 9610

2300-0000 on 5960 (Allen Dean-UK / Peter Jones-UK/British DX Club)

UAETrans World Radio Africa via ENC-DMS Al-Dhabbayya on November 11:

1300-1315 on 17680.1v Afar Thu-Sun (DX Mix-Bulgaria)

UZBEKISTAN Fair signal of CDNK via RRTM Telecom Tashkent, November 11:

1400-1430 on 6085 Korean Tue/Thu/Sat (DX Mix-Bulgaria)

CDNK North Korean Democratization Committee RRTM Telecom Tashkent, November 9:

1400-1430 NF 6085 Korean Tue/Thu/Sat, ex 7580 in B-20 (DX Mix-Bulgaria)

Fair signal of CDNK via RRTM Telecom Tashkent, November 13:

1400-1430 on 6085 Korean Tue/Thu/Sat. Bad frequency selection: QRM 6080 CNR-1 Voice of China & 6090 CNR-2 China Business Radio! At same time 5895 TAC Korean Tue/Thu/Sat CDNK - will be best NF (DX Mix-Bulgaria)

USA WRNO Radio via New Orleans with new extended schedule after 0500 on November 6:

from 1000 on 7505 English (DX Mix-Bulgaria)

Very good signal of WRNO in Hindi and English via New Orleans, November 13: till 0520 on 7505 English from 0520 on 7505 English (DX Mix-Bulgaria)

WMLK Assemblies of Yahweh, Bethel PA hopes to start testing soon. On 27 October staff were instructed on how to start up the Ampegon T-2300 transmitter by that company's engineer. The schedule is expected to be 1700-2200 Sun-Fri on 9275. (British DX Club)

Tentative B21 schedule for AWR in English
0200-0300 Daily 15515-dsb
1400-1500 Daily 15515-dsb
1530-1600 smtw..s 15530-sda* *carries
Wavescan DX programme on Sundays.
1600-1630 Daily 12040-sda*
2200-2230 s.t.t.. 12040-sda* (HFCC / Jose Jacob-India/British DX Club)

B21 schedule for Voice of America on SW in English to Africa:
0300-0400 4930-bot 6080-sao 9775-bot
0400-0500 4930-bot(SaSu) 4960-sao 6080-sao 9775-bot
0500-0600 4930-bot 6080-sao 15580-bot
0600-0700 6080-sao 9550-aso 15580-bot
1400-1500 4930-bot 15580-bot 17885-bot
1500-1600 4930-bot 7455-bot 15580-bot 17895-sao
1600-1630 4930-bot 6080-sao 15580-bot 17895-bot
1700-1730 6080-sao 11850-kwt 15580-bot(SaSu) 17895-bot
1730-1800 6080-sao 11850-sao 15580-bot 17895-bot
1800-1900 4930-bot(SaSu) 11610-udo 15580-bot 17530-grv#
1900-2000 4930-bot 13590-sao 15580-bot
2000-2100 4930-bot 6195-bot 15580-bot
2100-2200 6195-sao 11720-grv (British DX Club)

Winter B-21 frequency changes of USAGM Radio Mashaal & Radio Farda:
Radio Mashaal

0400-1300 NF 12110 KWT Pashto, ex 12130
0400-1300 NF 15765 UDO Pashto, ex 15760
Radio Farda
0400-0730 NF 12035 LAM Persian, ex 12025
0530-1430 NF 5860 KWT Persian, ex 13765
LAM
0730-1330 NF 17530 UDO Persian, ex 17560
1730-2400 NF 5865 KWT Persian, ex 5860
(DX Mix-Bulgaria)

VANUATU 5040, Nov 9, 1211, Radio Vanuatu. No audio as usual; just open carrier/dead air; unable to make out any audio from AIR Jeypore (5040), which normally starts at *1129. (Ron Howard-CA/Shortwave Bulletin)

VATICAN B21 schedule for Vatican Radio in English:
0830-1030 irreg on 17805-smg (occasional special events)
1130-1200 Fri on 15595-smg 17790-smg (Mass)
1630-1700 Daily on 11935-mdc 13830-smg
1715-1730 Daily on 7230-smg
2000-2030 Daily Af 6010-smg 7365-smg (HFCC/British DX Club)

Upcoming frequency changes of Vatican Radio eff. from November 13/14:
1230-1315 NF 5980 PHT Chinese Mass Sat, ex 6140
1940-2000 NF 7225 SMG Liturgy Rosary Sun, ex 7235 (DX Mix-Bulgaria)

VIETNAM 11885, Voice of Vietnam (Hanoi-Sontay) at 2145 in English, man and woman with talking about Vietnam, subject couldn't be discerned.. Poor, Nov. 14. (Harold Sellers-BC/DXplorer)

ZAMBIA 5915, Nov 2, 2217, ZNBC-Radio 1 (p), Lusaka. Tks. 25331. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

ZANZIBAR 6015, Nov 7, 0327, ZBC Radio. Has been a long time since I last checked here, but was surprised to hear no signal at

all from 0327 to 0405. Has this been heard recently? (Ron Howard-CA/Shortwave Bulletin)

11735, Oct 26, 1743, Zanzibar Broadcasting Corporation, Dole, Swahili, comments. (Méndez-Spain/Shortwave Bulletin)

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

Pirate Radio Report

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



Welcome everyone to the December 2021 edition of the Pirate Radio Report.

With the amount of pirate radio activity during the week preceding Halloween, and Halloween weekend exceeding all expectations. It's safe to say that this year's holiday was a resounding success! Here is a quick run-down of Halloween-themed pirate activity:

Radio Illuminati broadcast the original classic, "War of the Worlds".

Ion Radio broadcast a spooky radio play "Castle of bad dreams" from the venerable CBS show; "Radio Mystery Theater". Ion Radio then came back on the air in late afternoon with a Halloween-themed music and skit show.

Wolverine Radio with a show featuring Halloween-themed music selections finished with an equally spooky SSTV image.

Captain Morgan broadcast spooky snippets from songs and movies along with clips from scary movies.

X-FM was active with two professionally produced shows featuring an eclectic selection of music, along with interesting commentary from Redhat.

Listeners on the east coast were treated to an extra-long Halloween show from europirate, Enterprise Radio which was logged by many listeners, including myself.

Outhouse Radio, Two-Dog Radio, Radio 48, Radio Genix and WBOG were all active as well.

Be sure to stay tuned for increased pirate activity on all bands as we approach the upcoming holiday season. Christmas and New Years are especially active with holiday-related pirate activity. Pirate radio enthusiasts always anticipate not only Santa's ride on Christmas Eve, but Wolverine radio's broadcast as "Drunken DJ Radio-WDDR" on New Year's Day.

I want to take a moment to convey my sincere thanks to all the monthly contributors and to the entire membership of NASWA for your support these last six months. Thank you, and happy holidays!

This month's contributors; Glenn Hauser, Chris Lobdell, Greg Majewski, Bill Montney, Ralph Perry, Gianna Serra, and Mark Taylor.

3919.94-AM, PIRATE-EUROPE. **MIKE RADIO**. 1806-1822*, 10-18-21, two pop songs, then jazz and some pop music, man/woman brief talk at around 1814 (no much clear), pulled the plug at 1822. (Serra, Italy)

4030-AM, PIRATE-NA. **BALLSMACKER RADIO**. 0222, 11-19-21, Medley Mega Mix - Phil Collins, "Waiting for a girl like you" - Foreigner, "Hanging on the telephone" - Blondie, 0230 ID, email address, e-QSL offer, bowling pin strike, "Wait a million years" - Grass Roots, "Wait" - Maroon 5, ID; Program of "wait" themed songs with periodic ID's. Fair-poor. (Taylor-WI)

4050-USB, PIRATE-NA. **BLIND MELLON RADIO**. 2307-2345, 11-20-21, Zeeky doing a country show of Blind Mellon songs and others. The announcer audio was a bit rough. Zeeky changed microphone and his audio was fine. It was a nice show of good tunes. Good signal throughout the time period. (Majewski-CT)

4015-USB, PIRATE-NA. **WOLVERINE RADIO**. 0124, 10-14-21, "I'll fly away" - Hank Williams, "Twist'in the night away" - Sam Cooke, ID, "Not fade away" - Rolling Stones into a program of "Away" themed songs with ID every 3rd song, (Taylor- WI)

4070-USB, PIRATE-NA. **PHILO RADIO**. 2340-0036, 10-29/30-21, Zeeky did a Halloween show of hard head banging rock. At 0021 gave a shout out to the HF Underground posters. 0025 starting to fade. Ended with

Simon & Garfunkel "I am rock". Fair Signal (Majewski-CT) 0009, 10-28-21, (Taylor-WI)

4185-AM, PIRATE-NA. **X-FM**. 0002, 10-30-21, Redhat welcoming listeners and into talk about this program being an all record program ... first for 8 years, gave an 800 number for call ins and requests, and usual well produced and executed programming. (Taylor- WI)

4185-AM, PIRATE-NA. **THE VOICE OF NEXT THURSDAY**. 0044, 10-31-21, Program of short vocal story or commentary with unusual goofy song. ID sequence with e mail address, Good to very good. (Taylor- WI)

4185-AM, PIRATE-NA. **X-FM**. 0004, 11-01-21, Movie clips about radio, man and woman over bass, "Welcome, Radio Free America," "Ghost town" - the Specials, Redhat with ID, talk email address, and 800 number for call in, rundown of some songs for tonight, several ID's into "Spirits in the material world" - The Police. Program of well selected music and enjoyable DJ talk by Redhat. Good to Very good. (Taylor-WI)

4870-AM, PIRATE-EUROPE. **MYSTERY RADIO 21**. 1757-1830, 10-15-21, playing techno, rock, songs and music, man dj brief talk at times (mostly unclear) w/ presumed ID, woman brief announcement at 1811. (Serra, Italy)

5185-AM, PIRATE-NA. **RADIO ILLUMINATI**. 2323-2337, 10-29-21, A Halloween show. Heard Dead Man's Party and Goblin Girl. Fair Signal. (Majewski-CT)

6378-AM, PIRATE-EUROPE. **OFFSHORE MUSIC RADIO**. 2136-2150+, 10-23-21, Oldies Format with tunes by The Safaris, Beach Boys, Gary US Bonds, Peter & Gordon. S8 Good Audio. (Lobdell-MA)

6925-USB, PIRATE-NA. **GOATHERDER RADIO**. 2133, 10-17-21, good. Mx playing "Devils Night"/ D12, Anncr Zeeky comments about his station equipment, Halloween themed mx:"The Monster Mash" w/ Bobby Boris and the Crypt-Kickers, Michael Jackson's "Thriller". Zeeky mentions a possible upcoming solar-storm, mx next by Little Nell / Patricia Quinn. 21:48 sig drops. (Montney-MI)

6925-AM, PIRATE-NA. **YEAH MAN RADIO**. 2152-2217+, 10-23-21, "Solid Gold Weekend" with the YM. Tunes by Wilson Pickett, Sugarloaf, Melanie Safka, Beach Boys. Steady S9 (Lobdell-MA)

6925-AM, PIRATE-NA. **RADIO COMEDY CLUB INTERNATIONAL (relay)**. 2122-2130+, 10-30-21, Relay of this old classic pirate with comedy bits, music, scary sounds, etc. S8 signal. (Lobdell-MA)

6925-AM, PIRATE-NA. **RADIO MORANIA (relay)**. *1543-1616*, 10-31-21, Relay of this classic parody of a typical Eastern European external service program of the 1960s. S9 (Lobdell-MA)

6925-AM, PIRATE-NA. **WORK**. 2015 - 2044, 11-12-21, Relay of the classic pirate station; Workers Operating Radio Knobs. Sketches and tunes with your host: Workingman. Good signal. S8. (Penney-MA)

6925-AM, PIRATE-NA. **PANDEMIC RADIO**. 0116, 11-15-21, distorted Lincolnshire Poacher, 3 beeps, repeat, YL, "please stand by," 2 beeps, YL (inaudible), "Hummingbird", other era music. ID sequence, more music. (Taylor-WI)

6925-USB, Pirate-NA. **WDOG**. 2106-2139, 11-19-21, Nice show of oldies, the Age of Aquarius, Grand Funk doing "Are you ready", Bob Dylan's Lay Lady Lay, CCR Proud Mary and others.

Good signal throughout the time period. (Majewski-CT)

6925-USB, PIRATE-NA. **KINK RADIO**. *1806-1834*, 11-20-21, S/on with "Do It Again" by The Kinks. Played several more Kinks' tunes during the show. ID by OM in distorted voice. (Lobdell-MA)

6930-USB, PIRATE-NA. **UN?D RADIO**, 2128, 10-30-21, Pop ballad, "I can't tell you why" - Eagles, SSTV ("UN?D"), long section of guitar solos and light accompaniment into a rock ballad, abruptly off mid song at 2150. Poor - fair. (Taylor-WI)

6930-USB, PIRATE-NA. **LINCOLNSHIRE POACHER**. 0148, 11-01-21, Lincolnshire poacher (from numbers station) for about 1 minute before fading out. Poor. (Taylor-WI)

6930-USB, PIRATE-NA. **TWO DOG RADIO**. 2358, 11-05-21, shortly after s/on with rock music, 0000 ID, pause, started program with several songs segued, then and ID and into a program of rock music. Poor improving to fair. (Taylor-WI)

6930-USB, PIRATE-NA. **OUTHOUSE RADIO**. 2135, 11-14-21, "Run through the jungle," other era pop, SSTV, 2145 looped first few measures of "Honey, honey," other pop & album rock from early 70's. Poor-fair. (Taylor-WI)

6935-USB, PIRATE-NA. **UNID**. 2318, 10-19-21, Listening here to "Monday Sea" w/ Natsuki Aoya (applause after). Next: YL w/"Who are you?" OM anncr introduces "Fleetwood Mac". More mx from Van Halen w/"Guitar Solo".sure sounded like Jimmi Hendrix (not sure.). Good. (Montney-MI)

6935-USB, PIRATE-NA. **OUTHOUSE RADIO**. 2344, 10-29-21, Outhouse either saying this was a Halloween special or he was going to

do one then music 0022 into a Halloween novelty song. (Taylor-WI)

6945-USB, PIRATE-NA. **RAVE ON RADIO.** 2335, 10-30-21, Music with talk, eventually op gave a series of ID's of which 1 was audible. Hard to listen to with high QRN and a tme about 6946.2 which moved .2 kHz every so often, so it was difficult to notch out. (Taylor-WI)

6945-AM, PIRATE-EUROPE. **ENTERPRISE RADIO.** 2052-2105+, 10-31-21, Rock/pop music by Marilyn Manson, Charlie Clouser, and Tubular Bells - Mike Oldfield. S7 (Lobdell-MA)

6950-AM, PIRATE-EUROPE. **ZENITH CLASSIC ROCK.** 2012-2039, 10-09-21, playing fine rock and pop songs, man dj brief talk at times, ID at 2031, followed by other man brief announcement. (Serra, Italy)

6950-AM, PIRATE-NA. **CAPTAIN MORGAN SHORTWAVE.** 2352-0005, 10-24/25-2021, A show of blues tunes, Laying in the Alley and others. Very nice signal that disappeared at 0005. Good/Excellent signal. (Majewski-CT)

6950-USB, PIRATE-NA. **OUTHOUSE RADIO.** 2339, 10-30-21, Growls, farts, moans, evil laughter and other scary sfx with bits of music at times, SSTV (rat on a pumpkin pie "It's a pie rat's life for me"), vfx, "Free Falling," into a series of SSTV with rock between (Hauser-OK)

6950.8-AM, PIRATE-NA. **CAPTAIN MORGAN SHORTWAVE.** 2348 - 0028, 11-20/21-21, Music from Ringo Starr, George Harrison, Linda Ronstadt & others. Synth YL w/ID. Nice signal. S7. (Penney-MA)

6955-USB, PIRATE-NA. **SYCKO RADIO.** 2339-2345, 10-22-21, played the Clash, London Calling followed by Halloween voice and then faded out. Fair signal (Majewski-CTO)

6955-USB, PIRATE-NA. **RADIO FREE WHATEVER.** 2215, 10/22/21. Rock selection at 2215 and then IDs by deejay and request for calls at 3026896307. He is affecting a funny E European accent but obviously a jest. Long joking rap by entertaining radio host. 2221 playing "I Don't Live Here Anymore." S9. (Perry-IL)

6955-USB, PIRATE-NA. **TWO DOG RADIO.** 0036, 10-24-21, Nice blues segued until 0117 with an ID, some more blues until 0139 with ID, QSL offer, then off. Fair with good audio. (Taylor-WI)

6960-AM, PIRATE-NA. **THE BEGINNING.** 2203, 10-23-21, Segued rock music. Initially fading in and out, then signal came up consistently and improved to fair. (Taylor-WI)

6965-USB, PIRATE-NA. **WOLVERINE RADIO.** 0002 - 0110, 10-31-21, Special Halloween-themed show with eclectic and varied music. ID by synth OM & SSTV. Decent signal with interference from adjacent UTE. S6-S7. (Penney-MA)

6975v-AM, PIRATE-NA. **NOWHERE RADIO** (presumed). 2350-0118+, 10-26-21, Mixed music including Trance, Artie Shaw, Larry Clinton, Halloween Ads, etc. S7 to fade out. (Lobdell-MA)

6985-AM, PIRATE-EUROPE. **THE VAULT.** 2333-2345, 10-23-2021, Music with an Id at 2337, faded out at 2345. Poor signal (Majewsk-CT)



Contributors' Page

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.

Greg MAJEWSKI , Oakdale, CT	Air Spy HF+, Xiegu G60 SDR	P
Mark TAYLOR , Madison, WI	Perseus, Elad FDM-SW2, Airspy HF+ dual & Discovery, various portables; W6LVP loops, Welbrook ALA 100 N	P
Rich D'ANGELO , Wyomissing, PA	Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4	L
Vince HENLEY , Anacortes, WA	WiNRADiO G39DDCe SDR, ICOM IC-R8600, Ten-Tec RX-340, SDRPLAY RSPdx, TECSUN PL-880. Antennas: whip on PL-880 and Alpha-Delta DX-Ultra	L
Bill MCDAVITT , Englewood, FL	Kenwood TS-440SAT with DX Engineering DXE-RPA-2 Preamp 75' End Fed Longwire up 40' / Hustler Vertical 5BTV w/35 radials and a buried in ground Alpha-Delta DX-SWL	L, LN
Eric BUENEMAN , DXep, Marais Temps Clair Conservation Area, Black Walnut MO, MO	Tecsun PL-600, MFJ-1022 active antenna	L
Eric BUENEMAN , DXep Harry S. Truman Park, Hazelwood, MO	Tecsun PL-600, MFJ-1022 active antenna	L
Ed CICHOREK , Somerset, NJ	R75, SW8, ICF2010, MFJ956 outdoor sloper, HF-319 Loop	L
Gianni SERRA , Roma, Italy	NRD-545 with ALA-330S, IC-R75, PL-880, random wires	P
Glenn HAUSER , Enid OK	NRD-545 with ALA-330S, IC-R75, PL-880, random wires	L,P
Brian PENNEY , Brewster, MA	Perseus, Wellbrook ALA1530LN	P
Chris LOBDELL , Stoneham, MA	Eton E1, JRC NRD-525, 535 and 545, Icom IC-7300, MFJ G5RV dipole	P
Bill MONTNEY , Monroe, MI		P
David TURNICK , Sinking Spring, PA		L
Ralph PERRY , Wheaton, IL		P
Alan ROE , Teddington, UK		LN

Rob WAGNER VK3BVW, Mnt Evelyn,
Australia

Yaesu FTDX 3000, Kenwood TS2000, L
Yaesu FRG100, FRG-7, Kenwood R5000,
Tecsun PL-680, Horizontal Sky Loop
100m long, Double Bazooka, MFJ-1026
Noise Cancelling Module, ATU
SW-2000629 and indoor wire antenna, L
Drake SW1 & SW8, outdoor long wires &
Slinky

Rick BARTON, Sun City, AZ

Loggings

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

- 2500 **UNITED STATES WWV** Fort Collins, CO - 10/10 0016 noted with time signals and UTC time checks in English. SIO 444. (Bueneman-MO/MTCDX)
- 3250 **NORTH KOREA KCBS** at 1130 Enthusiastic soprano vocalist, fair and steady on Drake and long wire -- Fair 9/24 (Barton-AZ)
- 3250 **NORTH KOREA KCBS** (via Pyongyang) at 1230. All female chorus, singing of the works and the wonders of the Kim family -- Fair to Good 10/12 (Barton-AZ)
- 4790 **UNITED STATES *The Overcomer Ministry*** via WBCQ Monticello, ME - 10/22 2253 noted with rerun of a sermon by Brother Stair in English. SIO 333. (Bueneman-MO/HSTDY)
- 4840 **UNITED STATES WWCR** Nashville, TN - 10/10 0027 noted with tail end of pop music program, PSA mentioning UNESCO and the WHO into *The Words of Jesus* Christian teaching program. SIO 555. (Bueneman-MO/MTCDX)
- 4885 **BRAZIL Radio Clube do Para** - Belém, PA, 0212-0306 Oct 31, man announcer with Portuguese language talks hosting a popular music program. Nice station ID at 0231 followed by more singing. Portuguese language version of "If You're Going to San Francisco" at 0255. Fair. (D'Angelo-PA)
- 4885 **BRAZIL R Clube do Para 0530**, monologue with man in Portuguese, then woman, W/ mic in-the-oil--drum audio -- Fair 9/9 (Barton-AZ)
- 4980 **UNITED STATES *The Overcomer via WRMI*** Okeechobee, FL - 10/10 0032 noted with pre-recorded sermon and political commentary by Brother Stair. SIO 545. (Bueneman-MO/MTCDX)
- 5000 **UNITED STATES WWV** Fort Collins, CO - 10/22 2117 noted with UTC time check in English and time signals. SIO 434. (Bueneman-MO/HSTDY)
- 5025 **CUBA Radio Rebelde** CMBA Bauta, Ciudad de la Habana - 10/22 245 noted with Cuban pop music and promo in Spanish. SIO 545. (Bueneman-MO/HSTDY)
- 5050 **UNITED STATES WWRB** Morrison, TN - 10/10 0036 noted with Scripture study and discussion in English. SIO 555. (Bueneman-MO/MTCDX)
- 5960 **GERMANY *The Mighty KBC*** via Nauen - 10/10 0018 noted with Pop/Rock Oldies, "The Mighty KBC" ID in English, ads in English and Dutch. SIO 555. (Bueneman-MO/MTCDX)

- 5995 **MALI ORTM Radio Mali** – 10/22 2228 noted with talk and vocal music in French. SIO 333. (Bueneman-MO/HSTDX)
- 5995 **MALI Radio Television du Mali** – Bamako, 2352-0001* Oct 23, man announcer with non-stop French language talk until brief instrumental music commenced at 0001 just before the carrier was terminated. Poor to fair. (D'Angelo-PA)
- 6040 **FRANCE Radio France Int'l** – Issoudun, 0511-0559* Nov 14, man and woman announcers alternating talk in the French language with apparent news magazine type program. Lots of “bonjours” in this start the day program. Fair signal. (D'Angelo-PA)
- 6070 **CANADA CFRX** Toronto, ON – 10/22 2217 noted with talk on vaccine mandates in the workplace and other COVID-19 related issues in English. CFRB 1010 kHz also in. SIO 333. (Bueneman-MO/HSTDX)
- 6080 **SAO TOME & PRINCIPE Voice of America** 0300, 11-2-21. VOA ID in English followed by news headlines. Fair with QRN. (Cichorek-NJ)
- 6105 **FRANCE NHK R. Japan**, 0256, 11-2-21. Male with talk in Japanese followed by brief musical segue. Three+one TP's to 0300 ID then male with presumed news headlines. Good (Cichorek-NJ)
- 6170 **ROMANIA Radio Romania Int'l** – Tiganesti, 2140-2157* Nov 6, English language program with The Week in Review followed by World of Culture and Cultural Events program. Nice station ID at close down followed by the IS. Good signal. (D'Angelo-PA)
- 6185 **CHINA Huayi Bc. Corp** (presumed the one and via Chengdu) at 1200, in Chinese and listed as also Amoy (pockets in PRC and coastal areas of RoC on Taiwan) – Fair 9/24 (Barton-AZ)
- 7205 **FRANCE Radio France Int'l** – Issoudun, 2136-2200* Oct 19, man announcer with French language talk followed by male vocal selection. More talk and features until close down. Poor with noisy conditions. (D'Angelo-PA)
- 7220 **CHINA China Radio Int'l** in JJ to FE. November 6, 2021, 1533 – 1545. SIO 333. YL in JJ with long monologue. Then POP MX in CC with mixed chorus. YL monologue returns after song. (Henley, WA)
- 7254 **NIGERIA Voice if Nigeria**, Nov 6 at 0642, VON is on for a change at S7-S9 but just barely modulated. Something's always awful at Abuja (Glenn Hauser, OK)
- 7255 **NIGERIA Voice of Nigeria** – Abuja Lugbo, 0612-0625 Nov 13, noted with man announcer with news program in the listed Hausa language. Several transmitter breaks knocking station off the air for short periods of time. Decent signal otherwise although the audio quality was quite poor. (D'Angelo-PA)
- 7325 **CHINA China Radio Int'l** in EE to SEA. November 2, 2021, 1543 – 1552. SIO 333. YL announcer interviewing OM about Face Book practices and changes. Setting up a “Socialist” framework. Talk of virtual worlds. Program is “World Today” from Beijing. Interviews continue. Minor QRN, steep QSB. Listenable. (Henley, WA)
- 7365 **CHINA CNR 1** in CC to China. November 1, 2021, 1621 – 1628. SIO 444. Domestic broadcast. OM and YL announcers. Background MX, commentary and advertisements. Moderate QRN, steep, rapid QSB. Listenable. Some Chinese operatic MX with YL announcer commentary. (Henley, WA)
- 7375 **ROMANIA Radio Romania Int'l** - English, 0000-0020 Oct. 27 News on the continuing COVID crisis. Working to get 70% of the population vaccinated. Trying to do 100,000 to 150,000 vaccine shots aday in marathon sessions. Had a nice

- show on the celebrations of the last king of Romania. Excellent signal (Majewski CT)
- 7390 NEW ZEALAND RNZI** in EE to Oceania. November 3, 2021, 1414 – 1446. SIO 444. OM reading a story in EE. POP MX, then more talk about micro-plastic pollution and it is clean up. (Henley, WA)
- 7410 CHINA *China Radio Int'l*** in JJ to FE. November 4, 2021, 1426 – 1432. SIO 232. YL announcer with talk / commentary. Weak, noisy signal. Moderate QRN, shallow QSB. Poor listening. Propagation is poor. POP MX at BOH with YL singer. (Henley, WA)
- 7491 TAJIKISTAN *V. of Tibet (P)***. 7491, Oct 31 at 2335, considerable het to 7490-, presumably V. of Tibet, as in Aoki at 2335-2340 only, but heard longer than that. Remote in Maryland shows carrier offset only 2-3 Hz plus (Glenn Hauser, OK)
- 7505 UNITED STATES *WRNO*** Worldwide New Orleans, LA - 10/10 10/10 0140 noted with Contemporary Christian music in English. SIO 545. (Bueneman-MO/MTCDX)
- 7540 TAJIKISTAN (tentative) *Radio Free Asia*** November 2, 2021, 1530 – 1541. SIO 433. Radio Free Asia in CC. OM announcer. POP MX. Talk in CC. Echo on signal. Minor QRM from CNR. (Henley, WA)
- 7780 UNITED STATES *Radio Slovakia*** - English, 0030-0045 Oct. 27 this is a relay by WRMI. Gave the news about the current political crisis and rising energy costs for natural gas. Had an interesting story about the transfer of state parks to a single governmental agency. Excellent signal (Majewski CT)
- 7850 CANADA *CHU*** Ottawa, ON – 10/22 2157 noted with time signals, "CHU Canada" ID in English at 2158 and French at 2159, UTC time checks in English and French. SIO 444. (Bueneman-MO/HSTDX)
- 9275 PHILIPPINES *FEBC Radio Liangyou*** in CC. November 1, 2021, 1547 – 1553. SIO 333. Children's choir singing followed by YL with homily. More MX, YL singer follows with solo. Pleasant MX. QRN / QSB increasing with the sunrise here. (Henley, WA)
- 9330 UNITED STATES *World's Last Chance via WBCQ*** Monticello, ME - 10/10 0138 noted with Scripture discussion in English. SIO 555. (Bueneman-MO/MTCDX)
- 9410 SINGAPORE *BBC*** 10/26/2021 1100 English. News followed by "Outlook" program with adapted child's search for parents 4/5/5/4/5 (McDavitt-FL)
- 9455 TAIWAN *Nippon no Kaze*** 10/28/2021 1300 Korean. Aimed at abducted Japanese citizens held captive by N Korea Strong Sigs 5/5/4/5/5 (McDavitt-FL)
- 9470 CHINA *China Radio Int'l*** – Xian, 0003-0-035 Nov 14, a man announcer with news program in the listed Mongolian language. Brief instrumental music at end of news followed by long talk by another man. Fair. (D'Angelo-PA)
- 9490 CLANDESTINE *Radio Republica*** via Issoudun, France - 10/10 0153 noted with commentary in Spanish, targeting Cuba. SIO 545. (Bueneman-MO/MTCDX)
- 9525 CLANDESTINE *Radyo Denge Welat*** – Issoudun, 2050-2159* Nov 13, program of Kurdish language vocals until choral national anthem at 2155 followed by a man announcer with brief talk in presumed Kurdish language. Vocals followed until the carrier was terminated. Fair with several good peaks. (D'Angelo-PA)
- 9525 CLANDESTINE *Radyo Denge Welat*** – Issoudun, 2135-2153 Nov 3, nice selections of Kurdish vocals and some instrumental music with brief talk by a man announcer in the listed Kurdish language. Fair. (D'Angelo-PA)

- 9535 **MARIANA ISLANDS Radio Free Asia**, 2011, 10-27-21. Powerful percussion with traditional Chinese music. No ID at 2030 but continued with traditional Chinese music with percussion. 10 to 20dB signal here on the R5000. (Cichorek-NJ)
- 9570 **SOUTH KOREA KBS World** 1430, Heard on SW-2000629 and outdoor long wire. W in (listed) Indonesian, some vocal music, off at the next hour. Noted odd noise that could either be a jammer or on OTHR pulse. – Good 10/26 (Barton-AZ)
- 9580 **SINGAPORE BBC WS** 1130, (ex-9410). Heard w/ SW-2000629 and indoor wire, signal fully lighting green tune ee. Magazine pgm, science, artificial intelligence, ID by W at 1144. Not heard on 9410, off on the hour – Very Good Oct. 31 (Barton-AZ)
- 9630 **CHINA China Radio Int'l**, Nov 14 at 2308, Chinese opera S9+20/30, per Aoki CRI Cantonese this hour only, from Jinhua 831 site. There is vocalizing so it's not Firedragon (Glenn Hauser, OK)
- 9635 **MALI Radio Mali** 10/27/21 0900 French. Traditional Mali/Afro music, station ID at 0859 "RTV du Mali" 4/5/4/4/4 (McDavitt-FL)
- 9665 **BRAZIL Radio Voz Missionaria** ZYE890 Camboriú, Santa Catarina – 10/22 2241 noted with Christian talk in Portuguese. SIO 333. (Bueneman-MO/HSTDX)
- 9670 **GERMANY OHR (Offshore History Radio)** 10/29/2021 2315 English. Interesting program on Radio 292 with commentary/music from the various Offshore European Pirates of the past. Strong Sigs 5/5/5/5/5 (McDavitt-FL)
- 9675 **CHINA China Radio Int'l** via Kashgar - 10/10 0130 noted with talk on Chinese traditions in English with clips of traditional Chinese music. SIO 333. (Bueneman-MO/MTCDX)
- 9710 **CHINA China Radio Int'l** via Kashgar - 10/10 0125 noted with commentary and light vocal music in Spanish. SIO 333 mixing with Radio Havana Cuba. (Bueneman-MO/MTCDX)
- 9710 **CUBA Radio Havana Cuba** via La Habana - 10/10 0125 noted with commentary in Spanish. SIO 333 mixing with China Radio Int'l Kashgar. (Bueneman-MO/MTCDX)
- 9720 **CLANDESTINE Dimtse Radio Erena** – Kostinbrod (Sofia), 1743-1800* Oct 30, man announcer with long talk in the listed Tigrinya language. Instrumental music at 1757 followed by a woman announcer with music continuing in the background. Music continued until the carrier was terminated. Poor to fair. (D'Angelo-PA)
- 9750 **VATICAN BBC** – Santa Maria di Galaria, 1801-1830* Oct 30, Man announcer with long French language talk eventually followed by two group musical vocal selections before closing. Poor to fair. (D'Angelo-PA)
- 9750 **FRANCE. Dimtse Woyane Int'l** - Issoudun. *0400-0500 Tigrinya to EAf, NF (ex 11570), background jamming noted, Nov 18. (Wagner - AUS)
- 9765 **MADAGASCAR Madagascar World Voice** via Mahajanga – 10/22 2140 noted with brief sermon and vocal Christian music in Portuguese. SIO 333. (Bueneman-MO/HSTDX)
- 9800 **TAIWAN (tentative) Clandestine Nippon no Kaze** / opposition in KK to North Korea. November 1, 2021, 1531 – 1537. SIO 555. "" to North Korea, likely broadcast from Tanshui, Taiwan. YL commentator with long monologue. Excellent signal. (Henley, WA)
- 9820 **CHINA CNR2 Business Radio** via Xianyang – 10/22 2314 noted with commentary in Chinese. SIO 323. (Bueneman-MO/HSTDX)


- 9820 **UNITED KINGDOM *KBS World Radio*** – Woofferton, 1848-1859* Oct 30, woman announcer with Russian language talk hosting a pop music program featuring several female singers. Carrier cut after last song. Fair. (D'Angelo-PA)
- 9840 **VIETNAM *Voice of Vietnam*** 11/17/2021 1000 English Station ID followed by news headlines, details by female. 1015 "Weekly Feature": listener letters with various questions answered, presented by female/male Anns 3/5/3/5/3 (McDavitt-FL)
- 9860 **AUSTRALIA *Reach Beyond Australia*** 11/14/2021 0915-0930 Korean/English. Songs in Korean followed by Station ID by male in English "Thank-you for listening and tune in tomorrow to our program on 9860 KHz in the 31 meter band" 4/5/4/5/4 Nice signal (McDavitt-FL)
- 9860 **MARIANA ISLANDS *Radio Free Asia***, 2359, 11-1-21. Tuned in to TP's to 0000 then choral singing but poor reception with QRN. (Cichorek-NJ)
- 9880 **THAILAND *Voice of America*** 0004, 11-1-21. Man and woman with talk in listed Chinese. Poor. (Cichorek-NJ)
- 9900 **TAIWAN *Radio Taiwan Int'l*** via Paochung – 10/22 2315 noted with traditional Chinese music, national anthem into commentary in Chinese. SIO 333 over CRI Dongfang. (Bueneman-MO/HSTDX)
- 9900 **EGYPT *R. Cairo***, Nov 13 at 2125, R. Cairo, S9+30 into UTwente but dead air except for some hum and possible traces of English modulation. AM Synch mode says ``not locked`` in red, yet reads out carrier at 9899.687; still the same at 2213. And similar results by other monitors (Glenn Hauser, OK)
- 9980 **UNITED STATES *WWCR*** in EE from Nashville, TN. November 5, 2021, 1538 – 1545. SIO 232. The late Brother Stair's Overcomer Ministry with a guest preacher (not Brother Stair). Bible quotes and interpretations. Sermon in EE. Poor, noisy signal, Target is NAM. Choir with hymn and gospel MX. (Henley, WA)
- 10000 **HAWAII *WWVH*** Kekaha, Kauai - 10/10 0149 noted with time signals and UTC time checks in English. SIO 333 mixing with WWV. (Bueneman-MO/MTCDX)
- 11560 **INDIA *All India Radio*** – Bengaluru, 1404-1429* Nov 14, nice musical selections until talk by a woman announcer in the listed Dari language. A man began talking but returned to music at 1415 until closing announcements just prior to carrier being terminated. Very good signal. (D'Angelo-PA)
- 11610 **UNITED KINGDOM *Voice of America*** Wofferton, 1701, 11-3-21. Mana and woman with probable news in listed Somali. Good (Cichorek-NJ)
- 11610 **MADAGASCAR *Madagascar World Voice*** via Mahajanga – 10/22 2149 noted with sermon in Chinese. SIO 545. (Bueneman-MO/HSTDX)
- 11620 **CHINA *China Radio Int'l*** via Beijing - 10/9 2346 noted with Chinese language lessons with Vietnamese translations. SIO 333. (Bueneman-MO/MTCDX)
- 11620 **VATICAN STATE *Vatican Radio 1530***. Lectures by M in Arabic, musical tones between segments -- Fair to Good 10/29 (Barton-AZ)
- 11660 **SWAZILAND *TWR Africa*** - Manzini. *1630-1645* Kambaata (Fr/Sa), Amharic (Mo), or Oromo (Su/Tu/We/Th) to Ethiopia, NF (ex 9500), Nov 6. (Wagner - AUS)
- 11710 **NORTH KOREA *Voice of Korea*** in FF to NAM. November 2, 2021, 1621 – 1630. SIO 444. Instrumental MX, OM announcer in FF with commentary or propaganda. YL announcer at 1628, then more MX with YL soloist. (Henley, WA)
- 11745 **CLANDESTINE *Al-Azm Radio*** via Riyadh, Saudi Arabia - 10/9 2334 noted with commentary and Koranic chanting in Arabic, targeting Yemen. SIO 323. (Bueneman-MO/MTCDX)

- 11745 **TAIWAN Radio Taiwan Int'l** at 0830, talk by W in Japanese. Copied on Drake SW1, long wire. Pop male vocal music, W presenter. - Fair to Good 10/26 (Barton-AZ)
- 11760 **CUBA Radio Habana Cuba** in SS to the Americas. November 4, 2021, 1526 - 1532. SIO 232. YL announcer with talk. Poor signal. Heavy QRN, steep QSB to inaudible. OM joins at 1528. Not listenable. ID at 1531. (Henley, WA)
- 11770 **NIGERIA Voice of Nigeria** 11/08/2021 1830 English. Station ID at 1830 "You are listening to the Voice of Nigeria" followed by website URL, then the news. Off abruptly at 1845. 4/5/4/4/4 Nice clean signal (McDavitt-FL)
- 11780 **FRANCE Radio France Int'l**, 1706, 11-3-21. Man with talk in listed Mandingo. Fair with QRN. (Cichorek-NJ)
- 11780 **BRAZIL Radio Nacional da Amazônia** ZYE365 Brasilia, DF - 10/22 2311 noted with commentary in Portuguese. SIO 545. (Bueneman-MO/HSTDX)
- 11780 **IRAN VoIRI** - Sirjan. *0420-0550* Hebrew to ME, good strength carrier, but the audio was down, NF (ex 13740), Nov 2. (Wagner - AUS)
- 11810 **SOUTH KOREA KBS World** via Kimje - 10/10 0107 noted with news analysis in Spanish. SIO 323. (Bueneman-MO/MTCDX)
- 11815 **BRAZIL Radio Brasil** Central ZYE440 Goiânia, Goiás - 10/9 2351 noted with light pop music, ID and brief commentary in Portuguese. SIO 333. (Bueneman-MO/MTCDX)
- 11850 **SAO TOME Voice of America** - Pinheira, *2030-2101* Nov 6, opened with a man announcer giving the station ID followed by Yankee Doodle theme instrumental music before the Hausa language program opened. At 2100 the announcer returned with closing in English ("This is the Voice of America, Washington, DC signing off.") followed by Yankee Doodle theme music. Fair to good. (D'Angelo-PA)
- 11860 **UNITED STATES Radio Marti** in SS to Cuba. November 4, 2021, 1533 - 1539. SIO 242. OM announcers. Steep QSB to JBA. Listenable at peaks of QSB but often inaudible for long periods. Overall poor, not listenable. (Henley, WA)
- 11885 **VIETNAM Voice of Vietnam** 1820, long monologue w/ woman in Spanish to 1828. Muddy audio noted. Carrier stayed on to switch to German on the BoH -- Fair to Good 10/30 (Barton-AZ)
- 11900 **AUSTRALIA Reach Beyond Australia** - Kununurra, 1407-1433 Nov 6, a man announcer with non-stop religious talk in the English language. A woman announcer ended program at 1428 followed by station ID and next religious program. Fair but slowly deteriorating. (D'Angelo-PA)
- 11960 **CHINA China National Radio 1** via Beijing - 10/10 0110 noted with commentary in Chinese. SIO 323. (Bueneman-MO/MTCDX)
- 11960 **GUAM Adventist World Radio** at 2200. Opening with usual theme music, ID by child in English, the IDs in (listed) Ngaju (from central Kalimantan, Indonesia). Heard well on Satellite 205 and indoor wire nice vocal music with all female chorus, solo female vocalists, interspersed with (presumed) religious lectures between. - Good 9/19 (Barton-AZ)
- 11965 **UNITED KINGDOM IBRA R. / R. Sama** - Woofferton. *1730-1800* Tigrinya to EAf, NF (ex 15510), Nov 5. (Wagner - AUS)
- 11965 **TAIWAN R. NUG - Pao-chung**. *1330-1400* Burmese to SAs, NF (ex 12000), Nov. 3. (Wagner - AUS)

- 11985 **MADAGASCAR *Adventist World Radio*** (Talata-Volondry) at 2100, M in Nigerian Pidgin English – Fair to Good; Choppy 10/31 (Barton-AZ)
- 12005 **UNITED KINGDOM *R Farda*** at 1645. M presenter, middle-eastern sounding male and female vocals, then surprising cut from the 1950s doo-wop era -- Fair 10/6 (Barton-AZ)
- 12040 **GUAM *Adventist World Radio*** 2200, open, interesting music with flutes, steel drums, and interspersed with talk from M in (listed) Sudanese Really nice female vocal music and cut out suddenly at 2228. – Very Good; Light-to-moderate T-Storm static 9/18 (Barton-AZ)
- 12055 **PHILIPPINES *FEBC R*** 2320, tuning signal starting up at 2320, to vocal music at BoH, female choral music, then W in (listed) Palaung/Pale (spoken in Burma, Thailand, et al). Rendition of old spiritual "Yes Jesus loves me", but in Asia/Pacific language-- Fair to Good 9/29 (Barton-AZ)
- 12060 **FRANCE *Radio Algerienne*** Chaine 1 – Issoudun, 1901-1936 Oct 30, man announcer with Arabic language news program with several remote reports. Into recitations at 1914. Fair signal. (D'Angelo-PA)
- 12075 **BOTSWANA *Voice of America*** (Pinheira) 2030, really lively sounding African music, M presenter in French – Fair 10/31 (Barton-AZ)
- 12080 **SAO TOME *Voice of America*** (Pinheira) 1630. News magazine-? M and W in Portuguese Signal dropped way down when they switched to Botswana relay at 1700 – Good 10/29 (Barton-AZ)
- 12085 **CHINA *China Radio Int'l*** via Xiamen - 10/9 2340 noted with commentary in Mongolian into Chinese language lessons with Mongolian translations. SIO 333. (Bueneman-MO/MTCDX)
- 12095 **ASCENSION ISLAND *BBC*** relay – 10/22 2134 noted with sports report in English. SIO 444. (Bueneman-MO/HSTDX)
- 12100 **TAIWAN *Radio Taiwan Int'l*** at 1145 W in (listed) Indonesian. Not usually heard here above threshold – Fair 9/10 (Barton-AZ)
- 12160 **UNITED STATES *WWCR 2*** in EE to NAM. November 6, 2021, 1530 – 1536. SIO 444. Religious broadcaster. OM preacher with fire and brimstone sermon. Congregation participation. Moderate QRN, shallow QSB. You are all going to Hell, unless... Amen! (Henley, WA)
- 13580 **CHINA *China Radio Int'l*** via Beijing - 10/10 0057 noted with commentary and promos in Chinese. SIO 333. (Bueneman-MO/MTCDX)
- 13645 **MALI *China Radio Int'l*** (Bamako) 1700. Sounding a bit like VoA "Music Time in Africa", lively Afro-rhythms and a lot of talk in (listed) Swahili (East & Central Africa) – Very Good 10/30 (Barton-AZ)
- 13650 **JAPAN *NHK World Radio*** at 2304, in progress at tune-in. Man and woman co-anchors with English newscast, (Global Labor shortages, and US/China relations regarding Taiwan). Good heard on SW-2000629 and short wire -Good 10/23 (Barton-AZ)
- 13670 **MADAGASCAR *African Pathways Radio*** (World Christian Broadcasting via Mahajanga) 1830, in progress, good Rx today on SW-2000629 and indoor wire. M w/ religious lecture, interview, contact info. Closed; reopened as R Feda at 1900 with W in Arabic, middle eastern vocal music -- Good 10/16 (Barton-AZ)
- 13690 **ARMENIA *TWR***, Oct 28 at 1414, TWR IS, 1415 opening some language, mentions Afghanistan, S7/S9+10 with flutter, pretty good next to 13700 Cuba. It's TWR ``India`` in Hindi M-F (Glenn Hauser, OK)

- 13770 **CHINA *China Radio Int'l*** via Beijing - 10/10 0048 noted with Chinese language lessons with Vietnamese translations. SIO 323. (Bueneman-MO/MTCDX)
- 13820 **UNITED STATES *Radio Marti*** in SS. November 2, 2021, 1605 – 1615. SIO 333. OM and YL announcers in SS conversation. Minor QRN. Steep QSB to JBA. (Henley, WA)
- 13820 **UNITED STATES *Radio Marti*** in SS from Greenville, NC. November 5, 2021, 1550 – 1602. SIO 333. YL announcer. Latin MX. Noisy signal, but listenable. Target is Cuba. YL resumes commentary after MX. ID at TOH with OM announcer, then back to YL with news items. (Henley, WA)
- 13820 **IRAN *VoIRI*** - Zahedan. *0530-0730* Arabic to ME, fair signal but intense DRM QRM from CNR 13825 kHz, NF (ex 13590), Nov 4. (Wagner - AUS)
- 13845 **UNITED STATES *University Network via WWCR*** Nashville, TN - 10/9 2329 noted with a sermon by Pastor Melissa Scott in English. SIO 434. (Bueneman-MO/MTCDX)
- 13865 **MADAGASCAR *BBC*** - Talata Volonondry. *0500-0600* English WS to SAf, NF (ex 9915), Nov 2. (Wagner - AUS)
- 13865 **VATICAN *BBC*** - SM Galeria. *0600-0700* English WS to CAf/SAf, NF, Nov 1. (Wagner - AUS)
- 15034 **CANADA *CHR Canadian Forces Base*** Trenton, ON – 10/22 2121 noted with weather reports for various Canadian airports, “This is Trenton Military” ID and UTC time check in English. SIO 545 in USB mode. (Bueneman-MO/HSTDx)
- 15100 **CHINA *China Radio Int'l*** via Beijing - 10/9 2319 noted with commentary in Chinese into traditional Chinese music. SIO 333. (Bueneman-MO/MTCDX)
- 15160 **FRANCE *Dimtse Woyane Int'l*** - Issoudun. *1500-1559* Tigrinya to EAf, NF (ex 17750), Nov 5. (Wagner - AUS)
- 15185 **CHINA *CRI*** - Kashi. *0900-1100* English to SAs, NF (ex 17750). Fair signal but heavy adjacent channel QRM from CNR's 10 kHz wide DRM hash on 15180. I just love it when China interferes with itself! Nov 6. (Wagner - AUS)
- 15215 **GUAM *KSDA / AWR*** - Agat. *2200-2300* Vietnamese to SEAs, NF (ex 15685), Nov 3. (Wagner - AUS)
- 15330 **FRANCE *Raadiyyoni Dirree Shaggar*** - Issoudun. *1600-1630 in the Afaan Oromo language to EAf, NF (ex 15415), Nov 5. (Wagner - AUS)
- 15380 **CHINA *China National Radio 1*** via Beijing - 10/9 2327 noted with promo and commentary in Chinese. SIO 323. (Bueneman-MO/MTCDX)
- 15420 **UNITED ARAB EMERATES *BBC*** - Dhabayya. *0500-0600* English WS to EAf, NF for B21 at this time (ex 13580). It's there but impossible to listen to from this location because it's covered up by CRI's mile-wide Mandarin DRM carrier on 15415 beamed to AU/NZ, which no one listens to unless they have a DRM-capable receiver/SDR....i.e. no one! Nov 2. (Wagner - AUS)
- 15452 **KUWAIT *R. Kuwait*** - Sulaibiyah. Way off its registered 15440 at 0505 with the English service. During an hour's listening it managed to rise to 15452.18 kHz before sinking like a lead balloon to 15445.6 kHz Nov 18. The following day, it was found wobbling around up on 15460 kHz! (Wagner - AUS)
- 15550 **SANTA MARIA DI GALERIA *Radio Dabanga*** 11/17/2021 1600 Arabic. News presented by female announcer. Target Sudan. 4/5/4/4/4 Good Sigs (McDavitt-FL)
- 15580 **BOTSWANA *Voice of America*** relay Mopeng Hill – 10/22 2123 noted with hi-life music and commentary on the music in English. SIO 434. (Bueneman-MO/HSTDx)

- 15590 **THAILAND Radio Thailand** 10/28/2021 0000 English. Morning News Hour by male/female Anns. Strong Sigs 5/5/5/5/5 (McDavitt-FL)
- 15624 **SRI LANKA AWR** - Trincomalee. *0130-0159* Yue Chinese to EAs, NF (ex 15630), Nov 2. (Wagner - AUS)
- 15640 **KUWAIT R. Azadi** - Umm al-Rimam. *0630-1430* alternating Dari and Pashto to AFG, NF (ex 17880 via Ban Dung), Nov 4. (Wagner - AUS)
- 17700 **FRANCE R France Int'l.** (Issoudun) 1700. M, W, in French noted. – Fair 10/28 (Barton-AZ)
- 17700 **UNITED KINGDOM Voice of America** 1530, opening w/ ID, woman in (listed) Hausa (Nigeria) – Fair to Good 10/25 (Barton-AZ)
- 17700 **VATICAN Voice of America** (via Vatican site) 1500, what sounded like magazine, in Hausa (listed) off at the bottom of the hour, VOA jingles – Fair 10/25 (Barton-AZ)
- 17725 **CHINA China Radio Int'l** (Xianyang) 1745. Trad. Chinese music, similar to Firedrake/Firedragon, but w/o the squeals; pots and pans. Closing ann and sked info by man in German at 1755, couple minutes of more instrumental Chinese music and off (right on the hour) – Fair to Good 10/25 (Barton-AZ)
- 17725 **GERMANY AWR** (Nauen) 1655 and closing out in Amharic (Ethiopia). – Fair 10/25 (Barton-AZ)
- 17800 **FRANCE Mini-Transat La Boulangère** – Issoudun, *1459-1558* Nov 13, the race continues (?) with open carrier noted prior to instrumental music opening followed by a man announcer with “bonjour”, opening announcements and dates, locations and several names. At 1509, a woman announcer gave weather forecast in the English language. The Man with French returned at 1516. All instrumental music commenced at 1533 until the carrier was terminated. Fair. (D’Angelo-PA)
- 17800 **FRANCE Deutsche Welle** – Issoudun, 1341-1400* Nov 5, man and woman announcers in listed Hausa language with talks and some musical selections. Closed with some African music. Poor to fair. (D’Angelo-PA)
- 21580 **FRANCE R. France Int'l** - Issoudun. *0900-1100* French to CAf and WAf, variable signal strength, which is typical of 13mb reception at this early point in the solar cycle, NF, Nov 6. (Wagner - AUS)
- 21760 **PHILIPPINES VoA** - Tinang. *0500-0600* Tibetan to EAs, weak under stronger CNR jamming, NF. //17865 also a NF also heard with a stronger VoA signal over the jamming. Nov 4. (Wagner - AUS)

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



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<www.ontheshortwaves.com> Update, October 31, 2021 -- **Ken Boord.** Ken Boord was probably the most prolific American DX editor from the mid-1940s until around 1961. He had extensive contacts within the shortwave world, both in the U.S. and internationally, and these yielded voluminous DX information. After his 1944-1955 stint with *Radio News* he stayed in touch with his sources, ran his own "Flash Sheet" newsletter (see "Specialized Resources/DX Newsletters"), and shared his news with other DX editors on an ongoing basis. An example of the latter is an airletter he sent out in July 1956 containing extensive DX news. It is typical of the Ken Boord style. You can find it in "DX History-III/People," right below the "World at a Twirl" entry. Look for the red "New." -- And we have posted six new Colombian recordings from Tetsuya Hirahara. Thanks, Tetsuya.

<www.ontheshortwaves.com> Update, November 7, 2021 -- Although technically the 1960 anti-Castro station, Radio Swan, probably qualified as a black clandestine--it was masquerading as a commercial station rather than the CIA project that it was—within the DX community it never really had the feel of a clandestine because its true purpose and parentage became known early on. But within the DX world the Swan operation gave rise to many questions, not the least of which was the mostly-contrived one of whether it was really located on Swan Island (it was); and various aspects of the history of the station (and its successor, Radio Americas) remained the subject of discussion for many decades. In *Radio Swan and Radio Americas: A DX Saga*, we review the Radio Swan articles that have appeared in the radio press over the last 60 years or so, with links for those who want to read the details. We also cover Radio Swan philately, and touch on the station that Swan was supposed to emulate—the 1954 CIA-run "Guatemalan" clandestine, La Voz de la Liberacion. Look for the red "New" in "DX History-I/Stations/Countries/Swan Island." -- And under "Specialized Resources/Wavescan," we have four new entries from Adrian Peterson: (1) "The Kingdom of Redonda & the Island of Barbuda in the Caribbean" (Wavescan N661, October 24, 2021); (2) "The Island called Antigua in the Caribbean" (Wavescan N662, October 31, 2021); (3) "Ancient DX Report: 1926" (Wavescan N662, October 31, 2021); and (4) "The Radio Scene on the Island of Misima" (Wavescan N662, October 31, 2021).

<www.ontheshortwaves.com> Update, November 14, 2021 -- Recently, in an article about R. Swan posted under "DX History-I/Stations/Countries/Swan Island," we mentioned HRB, the Voice of the Tropics, a Honduran station owned by the United Fruit Company and active in 1930-31. United Fruit was part of the early radio history of Swan Island. This time, under "DX History-I/Stations/Countries/Honduras," we have posted more information about HRB. Look for the red "New," and "HRB, The Voice of the Tropics."

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